

PRODUCT QUICK GUIDE

# CCTV PROJECT PRODUCTS

2020 H1



- Network Camera
- PTZ Dome Camera
- Panoramic Camera
- Explosion-Proof and Anti-Corrosion

- NVR
- Network Storage
- Data Center
- Thermal
- Commercial Display

- Decoder
- Video Wall Controller
- Software
- Accessories

**HIKVISION®**

# DEEP LEARNING

Deep Learning is the new buzzword in science and technology.

A technology with innumerable applications, Deep Learning is beginning to influence many aspects of our lives. When it comes to the field of video & image analytics, Deep Learning applications have grown rapidly in recent years, benefiting from sophisticated algorithms based on neural networks. Now, Hikvision's DeepinView Series Cameras and DeepinMind Series NVRs and Servers will lead the way in this new world of security technology by making invisible intelligence visible for users, and then putting that intelligence to good use.

And what can Hikvision's Deep Learning products do? Facial Detection is only the beginning. With analytics that take business solutions into the next century, and with automated alarm accuracy above 90%, this technology is a step above and beyond video security as we know it.

Hikvision's Deep Learning technology filters insignificant objects and movements in a scene that would trigger conventional alarm systems. Vehicle data gets recorded and shapes the database to perform numerous security functions. People Counting systems give businesses an edge in marketing and conversion rates.

Across the board, Hikvision's Deep Learning Solutions are adding value on multiple levels – today and tomorrow.



Facial  
Recognition



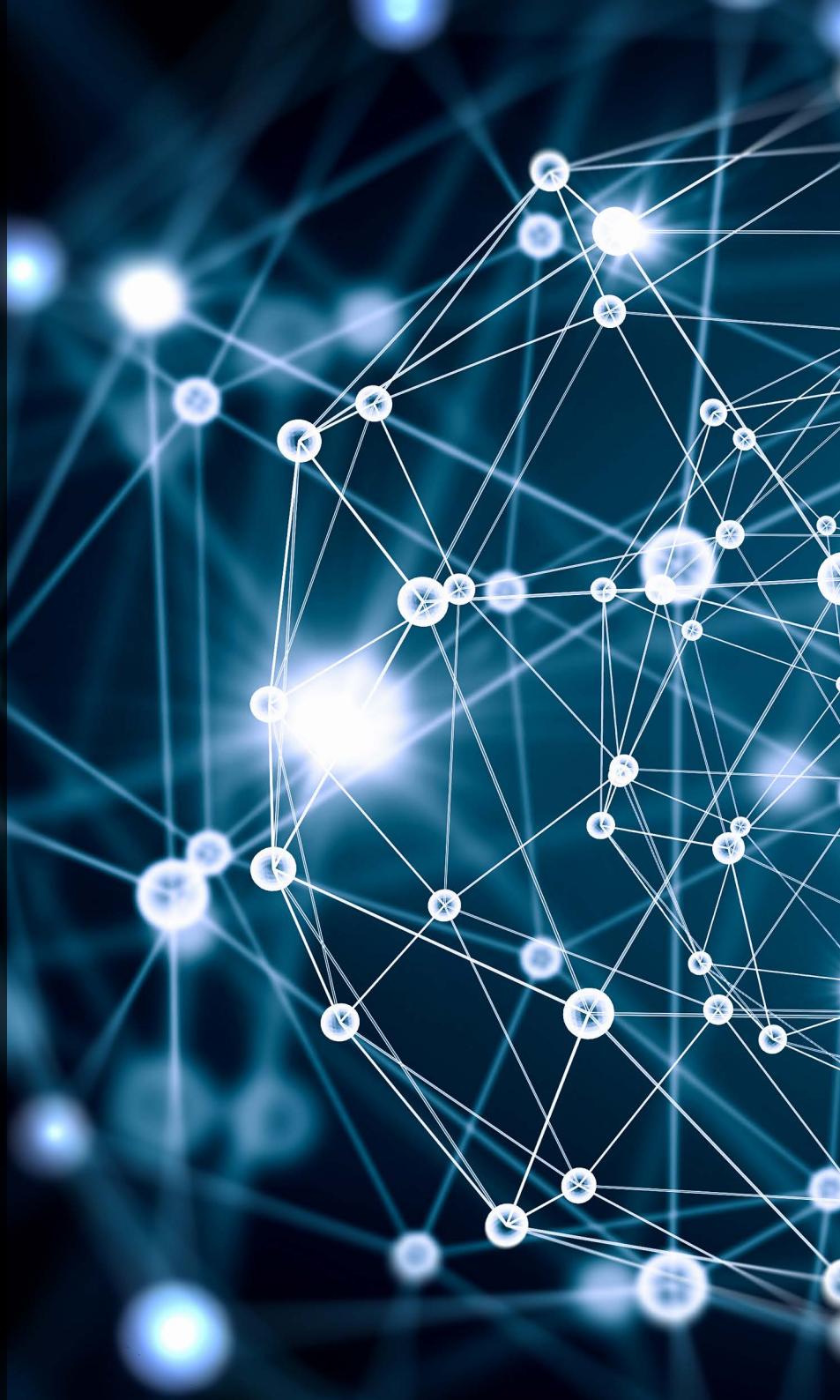
Appearance  
Analysis



Behavior  
Analysis



False Alarm  
Reduction



# ULTRA-LOW LIGHT (DARKFIGHTER & DARKFIGHTERX)

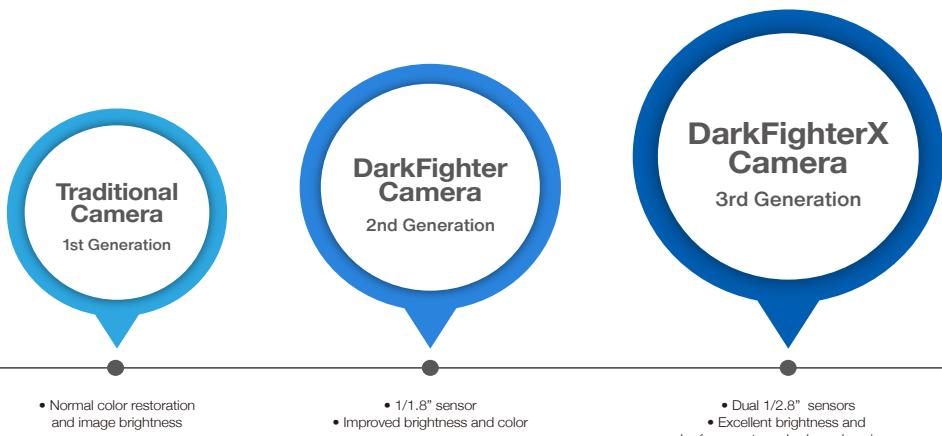
With the deepening of security awareness and the building boom of safe cities, high-quality video security has become a basic requirement. Since night hours make up almost half of the security recording, and since most crime happens at night, improving low-light video quality is the most critical problem in the video security industry today.

## DarkFighter – Stunning color video in near darkness

Featuring a large HD progressive scan CMOS sensor, Hikvision's DarkFighter Technology captures excellent color imaging in extremely dark environments – even down to 0.002 lux – and automatically switches to monochrome by removing the IR filter to boost sensitivity when illumination is lower than 0.002 lux. All the while, DarkFighter maintains superlative image quality.

## DarkFighterX – Dual-sensor imaging for full color images

DarkFighterX's technology is based on the retinal imaging that human eyes use to process color and brightness. This human-like technology features an innovative dual-sensor design – one sensor for IR imaging that guarantees image brightness, the other sensor for visible light that guarantees vivid color. These signals are then combined into one bright, full-color image.



INCREDIBLE NIGHT VISION  
NOW  
AT AN INCREDIBLE DISCOUNT !



Get our market-proven DarkFighterX PTZ Cameras  
At an Extremely Affordable price! 

Enjoy special prices on select camera models.

DS-2DF8225IH-AEL  
DS-2DF8225IH-AELW  
DS-2DF9C435IHS-DLW  
DS-2DF9C245IHS-DLW



HIKVISION®

# LIGHTFIGHTER (140 dB WDR)

Hikvision is set to reach new heights in extremely high contrast imaging with the ultra-high 140 dB WDR “LightFighter” technology for exceptional, industry-leading visibility in brightly lit or high-contrast environments. The result of this cutting-edge advancement is crystal-clear, detail-rich images with true color reproduction in lighting conditions that would defeat conventional WDR technology.

The key to the performance of the LightFighter technology is the industry-leading WDR system that allows cameras to record greater scene details even where the intensity of illumination varies considerably, such as backlighting when very dark and very bright areas appear simultaneously in the field of view. The 140 dB WDR in the LightFighter offers 100 times more powerful enhancement than the conventional 120 dB WDR systems.

LightFighter is particularly suited to intense backlight situations, and is the ideal technology for cameras pointing towards windows and entrance doors.



# 4K

With the development of 4K technology quickly coming into focus, opportunities to use this technology in security will continue to grow. As a leading IoT solution provider with video as its core competency, Hikvision has paid close attention to the rise of 4K and has launched a total 4K system to harness this technology in the global security industry.

Without complementary 4K components, such as monitors and NVRs, 4K cameras cannot be used to their full potential, and therefore have little practical use in security applications.

By building a total system – complete with cameras, NVRs, etc. – Hikvision strives to provide a system that is more helpful and more useful to its customers. The Hikvision 4K system, which comes equipped with a variety of smart functions, satisfies the security industry's need for advanced analytics with ultra-high resolution video.

Recently, Hikvision has released an 8K camera which monitors large scenes over long distances. This one camera does the work that once required several cameras, thus reducing installation and maintenance costs.



# CONTENTS

001

## Network Camera

- 002 DeepinView Series
- 009 Ultra Series
- 027 Special Series

030

## PTZ Dome Camera

- 031 Ultra Series
- 039 Special Series

042

## Panoramic Camera

- 043 PanoVu Series
- 047 Fisheye Series

049

## Explosion-Proof & Anti-Corrosion Series

- 050 Explosion-Proof Series
- 053 Anti-Corrosion Series

055    070    076    083    098

NVR	Network Storage	Data Center	Thermal	Commercial Display
<b>056</b> DeepinMind Series	<b>071</b> Hybrid SAN	<b>077</b> DeepinMind Server	<b>084</b> Security	<b>099</b> LCD Video Wall
<b>061</b> Ultra Series	<b>074</b> Cluster Storage	<b>081</b> Generic Server	<b>090</b> Thermography	<b>103</b> LED Display
<b>065</b> Pro Series			<b>095</b> Commercial Vision	<b>107</b> Interactive Display
<b>068</b> Workstation Series				<b>108</b> Digital Signage

111    114    116    121    164

Decoder	Video Wall Controller	Software	Accessories	DORI Distance
<b>112</b> Decoder	<b>115</b> Video Wall Controller	<b>117</b> HikCentral Professional <b>118</b> HikCentral Enterprise - Commercial <b>119</b> HikCentral Master <b>120</b> Blazer Pro		

# Network Camera

**002** DeepinView Series

**009** Ultra Series

**027** Special Series

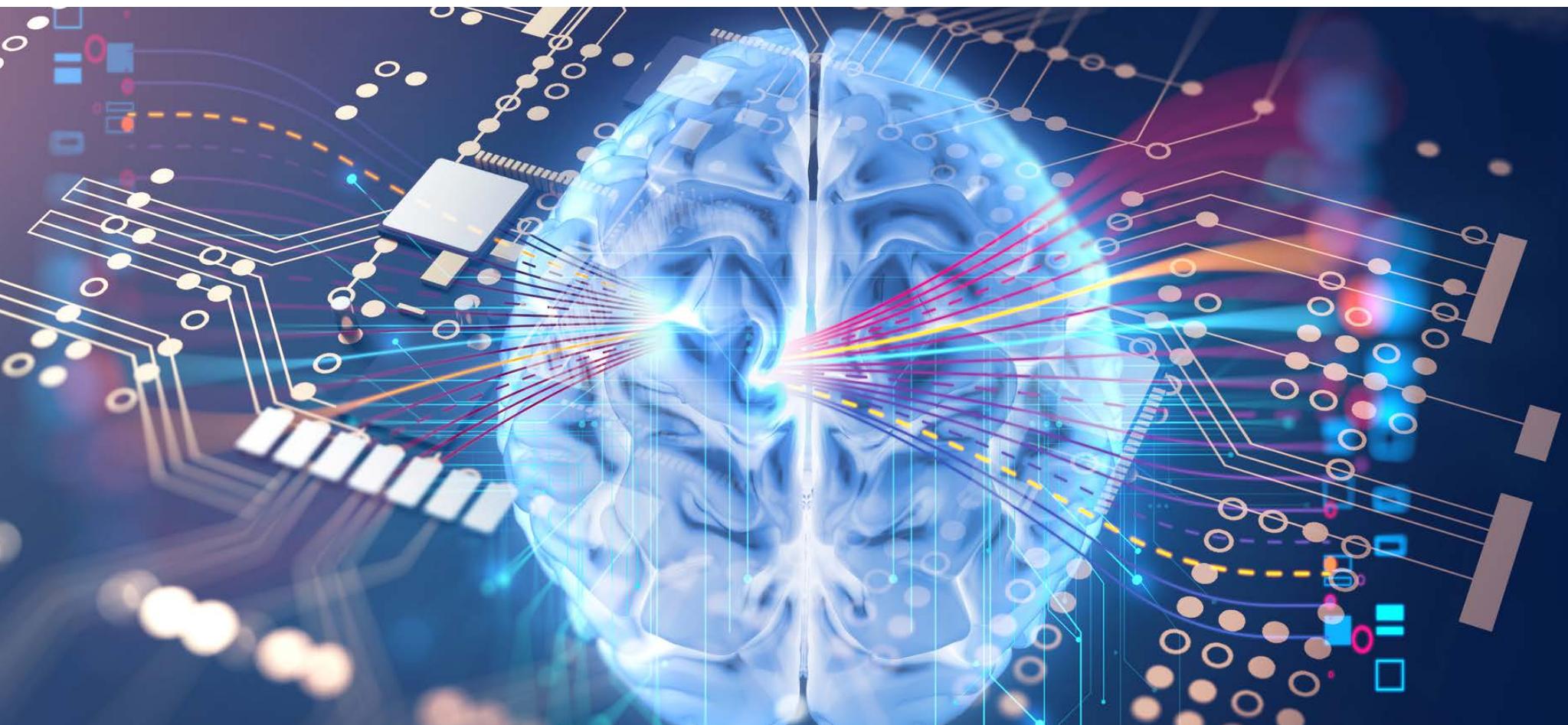


# DeepinView Series Network Cameras

## Deeper Intelligence for Expansive Security

- High performance and intelligent products with Deep Learning algorithms and high performance GPU
- The 2nd-generation DeepinView Series supports multiple algorithms in one device for a variety of scenarios. Additionally, it integrates multiple lenses to simultaneously capture sharp details and the big picture for extensive situational awareness.

- Face counting, dual-lens people counting, multi-target detection, ANPR, vehicle appearance analysis, hard hat detection, face capture & recognition, perimeter protection, and queue management.
- DeepinView Series products are edge nodes in the AI Cloud architecture, focusing on multidimensional data collection and front-end intelligent processing.



9 series		8 series				
Model	iDS-2PT9A144MXS-D/T2(1352/6)	Model	iDS-2CD814660-Izs	iDS-2CD8A4660-Izhs	iDS-2CD8C4660-Xzs(11-40/4)	iDS-2CD8C4660P-Xzs(10-50/4)
<b>Image</b>	DeepinView	<b>Image</b>	DeepinView	DeepinView	DeepinView	DeepinView
<b>Image Sensor</b>	1/1.8" progressive scan CMOS	<b>Image Sensor</b>	1/1.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS
<b>Max. Resolution</b>	2560 × 1440	<b>Max. Resolution</b>	2560 × 1440	2560 × 1440	2560 × 1440	2560 × 1440
<b>Video Compression</b>	H.265+/H.265/H.264+/H.264/MJPEG	<b>Video Compression</b>	Main stream: H.265+/H.265/H.264+/ H.264 Sub-stream/Third stream/Fourth stream/Fifth stream/custom stream: H.265/H.264/MJPEG	Main stream: H.265+/H.265/H.264+/ H.264 Sub-stream/Third stream/Fourth stream/Fifth stream/custom stream: H.265/H.264/MJPEG	Main stream: H.265+/H.265/H.264+/ H.264 Sub-stream/Third stream/Fourth stream/Fifth stream/custom stream: H.265/H.264/MJPEG	Main stream: H.265+/H.265/H.264+/ H.264 Sub-stream/Third stream/Fourth stream/Fifth stream/custom stream: H.265/H.264/MJPEG
<b>Min. Illumination</b>	Panoramic Camera: Color: 0.002 Lux@[F1.0, AGC ON] Tracking PTZ Camera: Color: 0.0035 Lux@[F1.6, AGC ON]	<b>Min. Illumination</b>	Color: 0.0045 Lux @ [F1.8, AGC ON], 0 Lux with IR	Color: 0.0045 Lux @ [F1.8, AGC ON], 0 Lux with IR	Color: 0.0001 Lux @ [F1.4, AGC ON], 0 Lux with IR	Color: 0.0002 Lux @ [F1.2, AGC ON], 0 Lux with IR
<b>WDR</b>	120dB WDR	<b>WDR</b>	140dB	140dB	120dB	120dB
<b>Lens</b>	Panoramic Camera:6mm Tracking PTZ Camera:13mm to 52mm	<b>Lens</b>	8 to 32 mm	8 to 32 mm	11 to 40 mm and 4mm	10 to 50 mm and 4mm
<b>FOV</b>	Panoramic Camera:Horizontal FOV 54° Tracking PTZ Camera: Horizontal FOV 32° to 8°	<b>FOV</b>	Motorized lens, 8 to 32 mm Horizontal FOV 40° to 16°, vertical FOV 22° to 9°, diagonal FOV 46° to 18°	Motorized lens, 8 to 32 mm Horizontal FOV 38° to 15°, vertical FOV 21° to 9°, diagonal FOV 43° to 18°	Motorized lens, 11 to 40 mm Horizontal FOV 37° to 11.5°, vertical FOV 20.2° to 6.5°, diagonal FOV 43.2° to 13.2° 4mm Horizontal FOV 89°, vertical FOV 46.5°	Motorized lens, 10 to 50 mm Horizontal FOV 39.9° to 9.5°, vertical FOV 22.0° to 5.3°, diagonal FOV 46.3° to 10.9° 4mm Horizontal FOV 160°, vertical FOV 48° 80m
<b>Max. IR Range</b>	40m	<b>Max. IR Range</b>	Up to 30 m	Up to 100 m	80m	80m
<b>VCA</b>	Multi-Target-Type Detection, Face Capture, Face Comparison	<b>VCA</b>	Deep-learning-based algorithm: Face Capture, Face Recognition, Face Attributes Traditional algorithm: Motion detection, video tampering alarm, exception, Face Detection	Deep-learning-based algorithm: Face Capture, Face Recognition Traditional algorithm: Motion detection, video tampering alarm, exception, Face Detection	Deep-learning-based algorithm: Face Capture, Face Recognition Traditional algorithm: Motion detection, video tampering alarm, exception, Face Detection	Deep-learning-based algorithm: Face Capture, Face Recognition, multi-target-detection, Face de-duplication Traditional algorithm: Motion detection, video tampering alarm, exception, Face Detection
<b>Frame Rate</b>	50Hz: 25fps (2560 × 1440, 1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (2560 × 1440, 1920 × 1080, 1280 × 960, 1280 × 720)	<b>Frame Rate</b>	50Hz: 25fps (2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 30fps (2560 × 1440, 1920 × 1080, 1280 × 720)	50Hz: 25fps (2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 30fps (2560 × 1440, 1920 × 1080, 1280 × 720)	50Hz: 25fps (2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 30fps (2560 × 1440, 1920 × 1080, 1280 × 720)	50Hz: 25fps (2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 30fps (2560 × 1440, 1920 × 1080, 1280 × 720)
<b>Streams</b>	3	<b>Streams</b>	5+5	5+5	5	5
<b>Protection Level</b>	IP66	<b>Protection Level</b>	IP67	IP67	-	IP66
<b>Angle Adjustment</b>	Pan: 0° to 210°, tilt: -15° to 22°	<b>Angle Adjustment</b>	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°	-	-
<b>Operating Temperature</b>	Outdoor: -40°C to 70°C (-40°F to 158°F)	<b>Operating Temperature</b>	-30 °C to 60 °C (-22 °F to 140 °F)	-30 °C to 60 °C (-22 °F to 140 °F)	-30 °C to 60 °C (-22 °F to 140 °F)	-30 °C to 60 °C (-22 °F to 140 °F)
<b>Humidity</b>	≤ 90%	<b>Humidity</b>	Humidity 95% or less (non-condensing)	Humidity 95% or less (non-condensing)	Humidity 95% or less (non-condensing)	Humidity 95% or less (non-condensing)
<b>Local Storage</b>	Built-in memory card slot, support microSD/microSDHC/microSDXC (up to 256 GB)	<b>Local Storage</b>	Support Micro SD/SDHC/SDXC card (256G) local storage	Support Micro SD/SDHC/SDXC card (256G) local storage	Support Micro SD/SDHC/SDXC card (256G) local storage	Support Micro SD/SDHC/SDXC card (128G) local storage, NAS (NFS,SMB/CIFS), ANR
<b>Indoor/Outdoor</b>	Outdoor	<b>Indoor/Outdoor</b>				
<b>Audio I/O</b>	1-ch audio input and 1-ch audio output	<b>Audio I/O</b>	1 input (line in, 3.5 mm), 1 output (line out, 3.5 mm), 1 built-in mic	1 input (line in, 3.5 mm), 1 output (line out, 3.5 mm)	2 input (line in, 3.5 mm), 1 output (line out, 3.5 mm)	1 input (line in, 3.5 mm), 1 output (line out, 3.5 mm)
<b>Alarm I/O</b>	1-ch alarm input and 1-ch alarm output, support alarm linkage: Memory Card Recording/Alarm Output/Notify Surveillance Center/Upload to FTP/Send Email	<b>Alarm I/O</b>	1 input, 1 output (max. 24 VDC/VAC, 1 A)	2 inputs, 2 outputs (max. 24 VDC, 1 A)	3 inputs, 2 outputs (max. 24 VDC or 24VDC, 1 A)	2 inputs, 2 outputs (max. 24 VDC, 1 A)
<b>Power</b>	36 VDC ± 25%, two core terminal block	<b>Power</b>	12 VDC ±20%, reverse polarity protection; two-core terminal block; 24 VAC±20%; PoE (802.3at, type 2, class 4)	12 VDC ±20%, reverse polarity protection; three-core terminal block; PoE (802.3at, type 2, class 4)	24 VAC	24 VAC

Model	iDS-2CD702660-(AP)	iDS-2CD704660-(AP)(F11)	iDS-2CD708660-AP	iDS-2CD70C560-AP	iDS-2CD712660-Izs	iDS-2CD714660-Izs
Image						
Image Sensor Max. Resolution	1/1.8" Progressive Scan CMOS 1920 × 1080	1/1.8" Progressive Scan CMOS 2680 × 1520	1/1.8" Progressive Scan CMOS 3840 × 2160	1/1.7" Progressive Scan CMOS 4000 × 3000	1/1.8" Progressive Scan CMOS 1920 × 1080	1/1.8" Progressive Scan CMOS 2680 × 1520
Video Compression	Main stream: H.265+/H.265/H.264+/H.264 Sub-stream/Third stream/Fourth stream/Fifth stream/custom stream:H.265/H.264/MJPEG	Main stream: H.265+/H.265/H.264+/H.264 Sub-stream/Third stream/Fourth stream/Fifth stream/custom stream:H.265/H.264/MJPEG	Main stream: H.265+/H.265/H.264+/H.264 Sub-stream/Third stream/Fourth stream/Fifth stream/custom stream:H.265/H.264/MJPEG	Main stream: H.265+/H.265/H.264+/H.264 Sub-stream/Third stream/Fourth stream/Fifth stream/custom stream: H.265/H.264/MJPEG	Main stream: H.265+/H.265/H.264+/H.264 Sub-stream/Third stream/Fourth stream/Fifth stream/custom stream: H.265/H.264/MJPEG	Main stream: H.265+/H.265/H.264+/H.264 Sub-stream/Third stream/Fourth stream/Fifth stream/custom stream: H.265/H.264/MJPEG
Min. Illumination	Color: 0.001 Lux @ [F1.2, AGC ON]; B/W: 0.0003 Lux @ [F1.2, AGC ON]	Color: 0.001 Lux @ [F1.2, AGC ON]; B/W: 0.0003 Lux @ [F1.2, AGC ON]	Color: 0.009 Lux @ [F1.2, AGC ON]; B/W: 0.0009 Lux @ [F1.2, AGC ON]	Color: 0.009 Lux @ [F1.2, AGC ON]; B/W: 0.0009 Lux @ [F1.2, AGC ON]	Color: 0.001 Lux @ [F1.2, AGC ON]; B/W: 0.0003 Lux @ [F1.2, AGC ON]	Color: 0.001 Lux @ [F1.2, AGC ON]; B/W: 0.0003 Lux @ [F1.2, AGC ON]
WDR	140 dB	140 dB	120 dB	DWDR	140 dB	140 dB
Lens	CS mount	CS mount	CS mount	CS mount	2.8 to 12 mm or 8 to 32 mm	2.8 to 12 mm or 8 to 32 mm
FOV	-	-	-	-	2.8 to 12 mm, horizontal FOV 107.3° to 39.8°, vertical FOV 55.9° to 22.3°, diagonal FOV 130.1° to 45.7° 8 to 32 mm, horizontal FOV 40.3° to 14.4°, vertical FOV 22.1° to 8.2°, diagonal FOV 46.9° to 16.5°	2.8 to 12 mm, horizontal FOV 114.5° to 41.8°, vertical FOV 59.3° to 23.6°, diagonal FOV 141.1° to 48° 8 to 32 mm, horizontal FOV 42.5° to 15.1°, vertical FOV 23.3° to 8.64°, diagonal FOV 49.6° to 17.3°
Max. IR Range	-	-	-	-	2.8 to 12 mm; 30 m 8 to 32 mm; 50 m	2.8 to 12 mm; 30 m 8 to 32 mm; 50 m
VCA	Deep-learning-based algorithm: Multi-target-type Detection, Face Comparison, Face Capture, Face Recognition, Face Attributes, Premier Protection, Queue Management, Face Counting, Hard Hat Detection  Traditional algorithm: Motion detection, video tampering alarm, exception, Counting	Deep-learning-based algorithm: Multi-target-type Detection, Face Comparison, Face Capture, Face Recognition, Face Attributes, Premier Protection, Queue Management, Face Counting, Hard Hat Detection  Traditional algorithm: Motion detection, video tampering alarm, exception, Counting	Deep-learning-based algorithm: Multi-target-type Detection, Face Comparison, Face Capture, Face Recognition, Face Attributes, Premier Protection, Queue Management, Face Counting, Hard Hat Detection  Traditional algorithm: Motion detection, video tampering alarm, exception, Counting	Deep-learning-based algorithm: Multi-target-type Detection, Face Comparison, Face Capture, Face Recognition, Face Attributes, Premier Protection, Queue Management, Face Counting, Hard Hat Detection  Traditional algorithm: Motion detection, video tampering alarm, exception, Counting	Deep-learning-based algorithm: Multi-target-type Detection, Face Comparison, Face Capture, Face Recognition, Face Attributes, Premier Protection, Queue Management  Traditional algorithm: Motion detection, video tampering alarm, exception, Counting	Deep-learning-based algorithm: Multi-target-type Detection, Face Comparison, Face Capture, Face Recognition, Face Attributes, Premier Protection, Queue Management  Traditional algorithm: Motion detection, video tampering alarm, exception, Counting
Frame Rate	50Hz: 50fps (1920 × 1080, 1280 × 720) 60Hz: 60fps (1920 × 1080, 1280 × 720)	50Hz: 50fps (2680 × 1520, 2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 60fps (2680 × 1520, 2560 × 1440, 1920 × 1080, 1280 × 720)	50Hz: 25fps (3840 × 2160, 3200 × 1800, 2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 30fps (3840 × 2160, 3200 × 1800, 2560 × 1440, 1920 × 1080, 1280 × 720)	50Hz: 25fps (4096 × 2160, 3840 × 2160, 3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 30fps (4096 × 2160, 3840 × 2160, 3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720) 50Hz: 20fps (4000 × 3000); 60Hz: 20fps (4000 × 3000)	50Hz: 50fps (1920 × 1080, 1280 × 720) 60Hz: 60fps (1920 × 1080, 1280 × 720)	50Hz: 25fps (2680 × 1520, 2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 30fps (2680 × 1520, 2560 × 1440, 1920 × 1080, 1280 × 720)
Streams	5+5	5+5	5+5	5+5	5+5	5+5
Protection Level	-	-	-	-	IK10	IK10
Angle Adjustment	-	-	-	-	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°
Operating Temperature	-30 °C to 60 °C (-22 °F to 140 °F).	-30 °C to 60 °C (-22 °F to 140 °F).	-30 °C to 60 °C (-22 °F to 140 °F).	-30 °C to 60 °C (-22 °F to 140 °F).	-30 °C to 60 °C (-22 °F to 140 °F)	-30 °C to 60 °C (-22 °F to 140 °F)
Humidity	95% or less (non-condensing)	Humidity 95% or less (non-condensing)	Humidity 95% or less (non-condensing)	Humidity 95% or less (non-condensing)	Humidity 95% or less (non-condensing)	Humidity 95% or less (non-condensing)
Local Storage	Built-in micro SD/SDHC/SDXC slot, up to 256 GB	Built-in micro SD/SDHC/SDXC slot, up to 256 GB	Built-in micro SD/SDHC/SDXC slot, up to 256 GB	Built-in micro SD/SDHC/SDXC slot, up to 256 GB	Built-in micro SD/SDHC/SDXC slot, up to 256 GB	Built-in micro SD/SDHC/SDXC slot, up to 256 GB
Indoor/Outdoor	Indoor	Indoor	Indoor	Indoor	Indoor	Indoor
Audio I/O	1 inputs (line in), 1 output (line out), 3.5 mm connector, 2 channels, 1 built-in microphone	1 inputs (line in), 1 output (line out), 3.5 mm connector, 2 channels, 1 built-in microphone	1 inputs (line in), 1 output (line out), 3.5 mm connector, 2 channels, 1 built-in microphone	1 inputs (line in), 1 output (line out), 3.5 mm connector, 2 channels, 1 built-in microphone	1 input (line in), 3.5 mm connector; 1 output (line out), 3.5 mm connector, mono sound, 1 built-in microphone	1 input (line in), 3.5 mm connector; 1 output (line out), 3.5 mm connector, 1 built-in microphone
Alarm I/O	2 inputs, 2 outputs (max. 24 VDC, 1A)	2 inputs, 2 outputs (max. 24 VDC, 1A)	2 inputs, 2 outputs (max. 24 VDC, 1A)	2 inputs, 2 outputs (max. 24 VDC, 1A)	1 input, 1 output (max. 24 VDC, 1 A)	1 input, 1 output (max. 24 VDC, 1 A)
Power	12 VDC ± 20%, two-core terminal block, reverse polarity protection; 24 VAC ± 20%; PoE: 802.3af, Type 1 Class 3	12 VDC ± 20%, two-core terminal block, reverse polarity protection; 24 VAC ± 20%; PoE: 802.3af, Type 1 Class 3	12 VDC ± 20%, two-core terminal block, reverse polarity protection; 24 VAC ± 20%; PoE: 802.3af, Type 1 Class 3	12 VDC ± 20%, two-core terminal block, reverse polarity protection; 24 VAC ± 20%; PoE: 802.3af, Type 1 Class 3	12 VDC ± 20%, two-core terminal block, reverse polarity protection; 24 VAC ± 20%; PoE: 802.3af, Type 1 Class 3	12 VDC ± 20%, two-core terminal block, reverse polarity protection; 24 VAC ± 20%; PoE: 802.3af, Type 1 Class 3

Model	IDS-2CD718660-Izs	IDS-2CD71C560-Izs	IDS-2CD752660-Izhs(Y)(R)	IDS-2CD754660-Izhs(Y)(R)	IDS-2CD758660-Izhs(Y)(R)	IDS-2CD75C560-Izhs(Y)(R)
Image						
Image Sensor	1/1.8" Progressive Scan CMOS	1/1.7" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/1.7" Progressive Scan CMOS
Max. Resolution	3840 × 2160	4000 × 3000	1920 × 1080	2680 × 1520	3840 × 2160	4000 × 3000
Video Compression	Main stream: H.265+/H.265/H.264+/ H.264 Sub-stream/Third stream/Fourth stream/Fifth stream/custom stream: H.265/H.264/MJPEG					
Min. Illumination	Color: 0.009 Lux @ [F1.2, AGC ON]; B/W: 0.0009 Lux @ [F1.2, AGC ON]	Color: 0.009 Lux @ [F1.2, AGC ON]; B/W: 0.0009 Lux @ [F1.2, AGC ON]	Color: 0.001 Lux @ [F1.2, AGC ON]; B/W: 0.0003 Lux @ [F1.2, AGC ON]	Color: 0.001 Lux @ [F1.2, AGC ON]; B/W: 0.0003 Lux @ [F1.2, AGC ON]	Color: 0.009 Lux @ [F1.2, AGC ON]; B/W: 0.0009 Lux @ [F1.2, AGC ON]	Color: 0.009 Lux @ [F1.2, AGC ON]; B/W: 0.0009 Lux @ [F1.2, AGC ON]
WDR	120 dB	DWDR	140 dB	140 dB	120 dB	DWDR
Lens	2.8 to 12 mm or 8 to 32 mm	2.8 to 12 mm or 8 to 32 mm	2.8 to 12 mm or 8 to 32 mm	2.8 to 12 mm or 8 to 32 mm	2.8 to 12 mm or 8 to 32 mm	2.8 to 12 mm or 8 to 32 mm
FOV	2.8 to 12 mm, horizontal FOV 112.3° to 41.2°, vertical FOV 58° to 23.1°, diagonal FOV 137.3° to 47.3° 8 to 32 mm, horizontal FOV 41.8° to 14.9°, vertical FOV 22.92° to 8.48°, diagonal FOV 48.7° to 17°	2.8 to 12 mm, horizontal FOV 107.3° to 46.2°, vertical FOV 69.2° to 27.2°, diagonal FOV 131° to 45.2° 8 to 32 mm, horizontal FOV 37.8° to 13.6°, vertical FOV 27.8° to 10.3°, diagonal FOV 48.6° to 17.4°	2.8 to 12 mm, horizontal FOV 107.3° to 39.8°, vertical FOV 55.9° to 22.3°, diagonal FOV 130.1° to 45.7° 8-32mm, horizontal FOV 40.3° to 14.4°, vertical FOV 22.1° to 8.2°, diagonal FOV 46.9° to 16.5°	2.8 to 12 mm, horizontal FOV 114.5° to 41.8°, vertical FOV 59.3° to 23.6°, diagonal FOV 141.1° to 48° 8 to 32mm, horizontal FOV 42.5° to 15.1°, vertical FOV 23.3° to 8.64°, diagonal FOV 49.6° to 17.3°	2.8 to 12 mm, horizontal FOV 112.3° to 41.2°, vertical FOV 58° to 23.1°, diagonal FOV 137.3° to 47.3° 8 to 32 mm, horizontal FOV 41.8° to 14.9°, vertical FOV 22.9° to 8.5°, diagonal FOV 48.7° to 17°	2.8 to 12 mm, horizontal FOV 96° to 46.2°, vertical FOV 69.2° to 27.2°, diagonal FOV 131° to 45.2° 8 to 32 mm, horizontal FOV 37.8° to 13.6°, vertical FOV 27.8° to 10.3°, diagonal FOV 48.6° to 17.4°
Max. IR Range	2.8 to 12 mm: 30 m 8 to 32 mm: 50 m	2.8 to 12 mm: 30 m 8 to 32 mm: 50 m	2.8 to 12 mm: 30 m 8 to 32 mm: 50 m	2.8 to 12 mm: 30 m 8 to 32 mm: 50 m	2.8 to 12 mm: 30 m 8 to 32 mm: 50 m	2.8 to 12 mm: 30 m 8 to 32 mm: 50 m
VCA	Deep-learning-based algorithm: Multi-target-type Detection, Face Comparison, Face Capture, Face Recognition, Face Attributes, Premier Protection, Queue Management Traditional algorithm: Motion detection, video tampering alarm, exception, Counting	Deep-learning-based algorithm: Multi-target-type Detection, Face Comparison, Face Capture, Face Recognition, Face Attributes, Premier Protection, Queue Management Traditional algorithm: Motion detection, video tampering alarm, exception, Counting	Deep-learning-based algorithm: Multi-target-type Detection, Face Comparison, Face Capture, Face Recognition, Face Attributes, Premier Protection, Queue Management Traditional algorithm: Motion detection, video tampering alarm, exception, Counting	Deep-learning-based algorithm: Multi-target-type Detection, Face Comparison, Face Capture, Face Recognition, Face Attributes, Premier Protection, Queue Management Traditional algorithm: Motion detection, video tampering alarm, exception, Counting	Deep-learning-based algorithm: Multi-target-type Detection, Face Comparison, Face Capture, Face Recognition, Face Attributes, Premier Protection, Queue Management Traditional algorithm: Motion detection, video tampering alarm, exception, Counting	Deep-learning-based algorithm: Multi-target-type Detection, Face Comparison, Face Capture, Face Recognition, Face Attributes, Premier Protection, Queue Management Traditional algorithm: Motion detection, video tampering alarm, exception, Counting
Frame Rate	50Hz: 25fps [3840 × 2160, 3200 × 1800, 2560 × 1440, 1920 × 1080, 1280 × 720] 60Hz: 30fps [3840 × 2160, 3200 × 1800, 2560 × 1440, 1920 × 1080, 1280 × 720] 50Hz: 20fps [4096 × 3000] 60Hz: 20fps [4096 × 3000]	50Hz: 25fps [4096 × 2160, 3840 × 2160, 3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720] 60Hz: 30fps [4096 × 2160, 3840 × 2160, 3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720] 50Hz: 20fps [4096 × 3000] 60Hz: 20fps [4096 × 3000]	50 Hz: 50 fps [1920 × 1080, 1280 × 720] 60 Hz: 60 fps [1920 × 1080, 1280 × 720]	50 Hz: 25 fps [2680 × 1520, 2560 × 1440, 1920 × 1080, 1280 × 720] 60 Hz: 30 fps [2680 × 1520, 2560 × 1440, 1920 × 1080, 1280 × 720]	50 Hz: 25 fps [3840 × 2160, 3200 × 1800, 2560 × 1440, 1920 × 1080, 1280 × 720] 60 Hz: 30 fps [3840 × 2160, 3200 × 1800, 2560 × 1440, 1920 × 1080, 1280 × 720]	50 Hz: 25 fps [4096 × 2160, 3840 × 2160, 3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720] 60 Hz: 30 fps [4096 × 2160, 3840 × 2160, 3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720] 50 Hz: 20 fps [4096 × 3000] 60 Hz: 20 fps [4096 × 3000]
Streams	5+5	5+5	5+5	5+5	5+5	5+5
Protection Level	IK10	IK10	IP67,IK10	IP67,IK10	IP67,IK10	IP67,IK10
Angle Adjustment	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°
Operating Temperature	-30 °C to 60 °C [-22 °F to 140 °F]	-30 °C to 60 °C [-22 °F to 140 °F]	-40 °C to 60 °C [-22 °F to 140 °F]	-40 °C to 60 °C [-22 °F to 140 °F]	-40 °C to 60 °C [-22 °F to 140 °F]	-40 °C to 60 °C [-22 °F to 140 °F]
Humidity	Humidity 95% or less (non-condensing)					
Local Storage	Built-in micro SD/SDHC/SDXC slot, up to 256 GB	Built-in micro SD/SDHC/SDXC slot, up to 256 GB	Built-in micro SD/SDHC/SDXC slot, up to 256 GB	Built-in micro SD/SDHC/SDXC slot, up to 256 GB	Built-in micro SD/SDHC/SDXC slot, up to 256 GB	Built-in micro SD/SDHC/SDXC slot, up to 256 GB
Indoor/Outdoor	Indoor	Indoor	Outdoor	Outdoor	Outdoor	Outdoor
Audio I/O	1 input (line in), 3.5 mm connector; 1 output (line out), 3.5 mm connector, mono sound, 1 built-in microphone	1 input (line in), 3.5 mm connector; 1 output (line out), 3.5 mm connector, mono sound, 1 built-in microphone	With -R: 2 built-in microphone Without -R: 1 input (line in), 3.5 mm connector, 1 output (line out), 3.5 mm connector, mono sound	With -R: 2 built-in microphone Without -R: 1 input (line in), 3.5 mm connector, 1 output (line out), 3.5 mm connector, mono sound	With -R: 2 built-in microphone Without -R: 1 input (line in), 3.5 mm connector, 1 output (line out), 3.5 mm connector, mono sound	With -R: 2 built-in microphone Without -R: 1 input (line in), 3.5 mm connector, 1 output (line out), 3.5 mm connector, mono sound
Alarm I/O	1 input, 1 output (max. 24 VDC, 1 A)	1 input, 1 output (max. 24 VDC, 1 A)	1 input, 1 output (max. 24 VDC, 1 A)	1 input, 1 output (max. 24 VDC, 1 A)	1 input, 1 output (max. 24 VDC, 1 A)	1 input, 1 output (max. 24 VDC, 1 A)
Power	12 VDC ± 20%, two-core terminal block, reverse polarity protection; 24 VAC ± 20%; PoE: 802.3af, Type 1 Class 3	12 VDC ± 20%, two-core terminal block, reverse polarity protection; 24 VAC ± 20%; PoE: 802.3at, Type 1, Class 4	12 VDC ± 20%, 10 to 48 VDC, two-core terminal block, reverse polarity protection; 24 VAC ± 20%, 15 to 36 VDC; PoE: 802.3at, Type 1, Class 4	12 VDC ± 20%, 10 to 48 VDC, two-core terminal block, reverse polarity protection; 24 VAC ± 20%, 15 to 36 VDC; PoE: 802.3at, Type 1, Class 4	12 VDC ± 20%, 10 to 48 VDC, two-core terminal block, reverse polarity protection; 24 VAC ± 20%, 15 to 36 VDC; PoE: 802.3at, Type 1, Class 4	12 VDC ± 20%, 10 to 48 VDC, two-core terminal block, reverse polarity protection; 24 VAC ± 20%, 15 to 36 VDC; PoE: 802.3at, Type 1, Class 4

Model	iDS-2CD7A26G0-IZHS(Y)(R)	iDS-2CD7A46G0-IZHS(Y)(R)	iDS-2CD7A86G0-IZHS(Y)(R)	iDS-2CD7AC5G0-IZHS(Y)(R)	iDS-2CD7026G0/E-IHSY(R)	iDS-2CD7046G0/E-IHSY(F11)(R)
Image	NEW	NEW	NEW	NEW	NEW	NEW
Image Sensor Max. Resolution	1/1.8" Progressive Scan CMOS 1920 × 1080	1/1.8" Progressive Scan CMOS 2680 × 1520	1/1.8" Progressive Scan CMOS 3840 × 2160	1/1.7" Progressive Scan CMOS 4000 × 3000	1/1.8" Progressive Scan CMOS 1920 × 1080	1/1.8" Progressive Scan CMOS 2680 × 1520
Video Compression	Main stream: H.265+/H.265/H.264+/H.264 Sub-stream/Third stream/Fourth stream/Fifth stream/custom stream: H.265/H.264/MJPEG	Main stream: H.265+/H.265/H.264+/H.264 Sub-stream/Third stream/Fourth stream/Fifth stream/custom stream: H.265/H.264/MJPEG				
Min. Illumination	Color: 0.001 Lux @ [F1.2, AGC ON]; B/W: 0.0003 Lux @ [F1.2, AGC ON]	Color: 0.001 Lux @ [F1.2, AGC ON]; B/W: 0.0003 Lux @ [F1.2, AGC ON]	Color: 0.009 Lux @ [F1.2, AGC ON]; B/W: 0.0009 Lux @ [F1.2, AGC ON]	Color: 0.009 Lux @ [F1.2, AGC ON]; B/W: 0.0009 Lux @ [F1.2, AGC ON]	Color: 0.002 Lux @ [F1.4, AGC ON]; B/W: 0.002 Lux @ [F1.4, AGC ON]	Color: 0.002 Lux @ [F1.4, AGC ON]; B/W: 0.002 Lux @ [F1.4, AGC ON]
WDR	140 dB	140 dB	120 dB	DWDR	140 dB	140 dB
Lens	2.8 to 12 mm or 8 to 32 mm	2.8 to 12 mm or 8 to 32 mm	2.8 to 12 mm, horizontal FOV: 114.5° to 41.8°, vertical FOV: 59.3° to 23.6°, diagonal FOV: 141.1° to 48°	2.8 to 12 mm, horizontal FOV: 112.3° to 41.2°, vertical FOV: 58° to 23.1°, diagonal FOV: 137.3° to 47.3°	CS mount	CS mount
FOV	2.8 to 12 mm, horizontal FOV: 107.3° to 39.8°, vertical FOV: 55.9° to 22.3°, diagonal FOV: 130.1° to 45.7° 8 to 32 mm, horizontal FOV: 40.3° to 14.4°, vertical FOV: 22.1° to 8.2°, diagonal FOV: 46.9° to 16.5°	8 to 32 mm, horizontal FOV: 42.5° to 15.1°, vertical FOV: 23.3° to 8.64°, diagonal FOV: 49.6° to 17.3	8 to 32 mm, horizontal FOV: 41.8° to 14.9°, vertical FOV: 22.92° to 8.48°, diagonal FOV: 48.7° to 17°	8 to 32 mm, horizontal FOV: 40.2° to 14.4°, vertical FOV: 29.6° to 10.8°, diagonal FOV: 51.47° to 17.8°	3.8 to 16 mm, horizontal FOV: 109.1° to 36.4°, vertical FOV: 69.3° to 27.2°, diagonal FOV: 129.4° to 45.5° 11 to 40 mm, horizontal FOV: 39.1° to 12.1°, vertical FOV: 21.4° to 6.8°, diagonal FOV: 45.8° to 13.9°	3.8 to 16 mm, horizontal FOV: 109.1° to 36.4°, vertical FOV: 61.3° to 16.8°, diagonal FOV: 125.1° to 33.9° 11 to 40 mm, horizontal FOV: 39.1° to 12.1°, vertical FOV: 21.4° to 6.8°, diagonal FOV: 45.8° to 13.9°
Max. IR Range	2.8 to 12 mm: 50 m 8 to 32 mm: 80 m	2.8 to 12 mm: 50 m 8 to 32 mm: 80 m	2.8 to 12 mm: 50 m 8 to 32 mm: 80 m	2.8 to 12 mm: 50 m 8 to 32 mm: 80 m	3.8 to 16 mm: 80 m 11 to 40 mm: 120 m	3.8 to 16 mm: 80 m 11 to 40 mm: 120 m
VCA	Deep-learning-based algorithm: Multi-target-type Detection, Face Comparison, Face Capture, Face Recognition, Face Attributes, Premier Protection, Queue Management Traditional algorithm: Motion detection, video tampering alarm, exception, Counting	Deep-learning-based algorithm: Multi-target-type Detection, Face Comparison, Face Capture, Face Recognition, Face Attributes, Premier Protection, Queue Management Traditional algorithm: Motion detection, video tampering alarm, exception, Counting	Deep-learning-based algorithm: Multi-target-type Detection, Face Comparison, Face Capture, Face Recognition, Face Attributes, Premier Protection, Queue Management Traditional algorithm: Motion detection, video tampering alarm, exception, Counting	Deep-learning-based algorithm: Multi-target-type Detection, Face Comparison, Face Capture, Face Recognition, Face Attributes, Premier Protection, Queue Management Traditional algorithm: Motion detection, video tampering alarm, exception, Counting	Deep-learning-based algorithm: Multi-target-type Detection, Face Comparison, Face Capture, Face Recognition, Face Attributes, Premier Protection, Queue Management Traditional algorithm: Motion detection, video tampering alarm, exception, Counting	Deep-learning-based algorithm: Multi-target-type Detection, Face Comparison, Face Capture, Face Recognition, Face Attributes, Premier Protection, Queue Management Traditional algorithm: Motion detection, video tampering alarm, exception, Counting
Frame Rate	50Hz: 50fps (1920 × 1080, 1280 × 720) 60Hz: 60fps (1920 × 1080, 1280 × 720)	50Hz: 25fps (2680 × 1520, 2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 30fps (2680 × 1520, 2560 × 1440, 1920 × 1080, 1280 × 720)	50Hz: 25fps [3840 × 2160, 3200 × 1800, 2560 × 1440, 1920 × 1080, 1280 × 720] 60Hz: 30fps [3840 × 2160, 3200 × 1800, 2560 × 1440, 1920 × 1080, 1280 × 720]	50Hz: 25fps [4096 × 2160, 3840 × 2160, 3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720] 60Hz: 30fps [4096 × 2160, 3840 × 2160, 3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720] 50Hz: 20fps [4000 × 3000] 60Hz: 20fps [4000 × 3000]	50 Hz: 50 fps (1920 × 1080, 1280 × 720) 60 Hz: 60 fps (1920 × 1080, 1280 × 720)	50 Hz: 25 fps (2680 × 1520, 2560 × 1440, 1920 × 1080, 1280 × 720) 60 Hz: 30 fps (2680 × 1520, 2560 × 1440, 1920 × 1080, 1280 × 720)
Streams	5+5	5+5	5+5	5+5	5+5	5+5
Protection Level	IP67, IK10	IP67, IK10	IP67, IK10	IP67, IK10	IP66, IK10	IP66, IK10
Angle Adjustment	Bracket, pan: 0° to 355°, tilt: 0° to 90°, rotate: 0° to 360°	Bracket, pan: 0° to 355°, tilt: 0° to 90°, rotate: 0° to 360°	Bracket, pan: 0° to 355°, tilt: 0° to 90°, rotate: 0° to 360°	Bracket, pan: 0° to 355°, tilt: 0° to 90°, rotate: 0° to 360°	-	-
Operating Temperature	-40 °C to 60 °C [-22 °F to 140 °F]	-40 °C to 60 °C [-22 °F to 140 °F]	-40 °C to 60 °C [-22 °F to 140 °F]	-40 °C to 60 °C [-22 °F to 140 °F]	-40 °C to 65 °C [-40 °F to 149 °F]	-40 °C to 65 °C [-40 °F to 149 °F]
Humidity	Humidity 95% or less (non-condensing)	95% or less (non-condensing)	Humidity 95% or less (non-condensing)			
Local Storage	Built-in micro SD/SDHC/SDXC slot, up to 256 GB	Built-in micro SD/SDHC/SDXC slot, up to 256 GB	Built-in micro SD/SDHC/SDXC slot, up to 256 GB	Built-in micro SD/SDHC/SDXC slot, up to 256 GB	Built-in micro SD/SDHC/SDXC slot, up to 256 GB	Built-in micro SD/SDHC/SDXC slot, up to 256 GB
Indoor/Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Audio I/O	With -R: not support with -IZHSY 1 input (line in), 3.5 mm connector, 1 output (line out), 3.5 mm connector, mono sound	With -R: not support with -IZHSY 1 input (line in), 3.5 mm connector, 1 output (line out), 3.5 mm connector, mono sound	With -R: not support with -IZHSY 1 input (line in), 3.5 mm connector, 1 output (line out), 3.5 mm connector, mono sound	With -R: not support with -IZHSY 1 input (line in), 3.5 mm connector, 1 output (line out), 3.5 mm connector, mono sound	With -R: not support Without -R: 1 input (line in), 1 output (line out), 3.5 mm connector, 2 channels	With -R: not support Without -R: 1 input (line in), 1 output (line out), 3.5 mm connector, 2 channels
Alarm I/O	2 input, 2 outputs (max. 24 VDC, 1 A)	2 input, 2 outputs (max. 24 VDC, 1 A)	2 input, 2 outputs (max. 24 VDC, 1 A)	2 input, 2 outputs (max. 24 VDC, 1 A)	2 inputs, 2 outputs (max. 24 VDC, 1 A)	2 inputs, 2 outputs (max. 24 VDC, 1 A)
Power	12 VDC ± 20%, three-core terminal block, reverse polarity protection; PoE: 802.3at, Type 2 Class 4	12 VDC ± 20%, three-core terminal block, reverse polarity protection; PoE: 802.3at, Type 2 Class 4	12 VDC ± 20%, three-core terminal block, reverse polarity protection; PoE: 802.3at, Type 2 Class 4	12 VDC ± 20%, three-core terminal block, reverse polarity protection; PoE: 802.3at, Type 2 Class 4	12 VDC ± 20%, two-core terminal block, reverse polarity protection; 24 VAC ± 20%; PoE: 802.3bt, Type 3, Class 5	12 VDC ± 20%, two-core terminal block, reverse polarity protection; 24 VAC ± 20%; PoE: 802.3bt, Type 3, Class 5

Model	iDS-2CD708660-E-IHSY(R)	iDS-2CD70C560-E-IHSY(R)	iDS-2CD7A2660/P-IZHS(Y)	iDS-2CD7A4660/P-IZHS(Y)
Image	 <span style="color:red">NEW</span>	 <span style="color:red">NEW</span>	 <span style="color:red">NEW</span>	 <span style="color:red">NEW</span>
Image Sensor Max. Resolution	1/1.8" Progressive Scan CMOS 3840 × 2160	1/1.8" Progressive Scan CMOS 4000 × 3000	1/1.8" Progressive Scan CMOS 1920 × 1080	1/1.8" Progressive Scan CMOS 2680 × 1520
Video Compression	Main stream: H.265+/H.265/H.264+/ H.264 Sub-stream/Third stream/Fourth stream/Fifth stream/ custom stream:H.265/H.264/MJPEG	Main stream: H.265+/H.265/H.264+/ H.264 Sub-stream/Third stream/Fourth stream/Fifth stream/ custom stream: H.265/H.264/MJPEG	Main stream: H.265+/H.265/H.264+/ H.264 Sub-stream/Third stream/Fourth stream/Fifth stream/ custom stream: H.265/H.264/MJPEG	Main stream: H.265+/H.265/H.264+/ H.264 Sub-stream/Third stream/Fourth stream/Fifth stream/ custom stream: H.265/H.264/MJPEG
Min. Illumination	Color: 0.002 Lux @ [F1.4, AGC ON]; B/W: 0.002 Lux @ [F1.4, AGC ON]	Color: 0.002 Lux @ [F1.4, AGC ON]; B/W: 0.002 Lux @ [F1.4, AGC ON]	Color: 0.001 Lux @ [F1.2, AGC ON]; B/W: 0.0003 Lux @ [F1.2, AGC ON]	Color: 0.001 Lux @ [F1.2, AGC ON]; B/W: 0.0003 Lux @ [F1.2, AGC ON]
WDR Lens	120 dB CS mount	DWDR CS mount	140 dB 2.8 to 12 mm or 8 to 32 mm	140 dB 2.8 to 12 mm or 8 to 32 mm
FOV	3.8 to 16 mm, horizontal FOV: 107.4° to 29.1°, vertical FOV: 60.0° to 16.5°, diagonal FOV: 123.1° to 33.4° 11 to 40 mm, horizontal FOV: 38.4° to 11.9°, vertical FOV: 20.9° to 6.7°, diagonal FOV: 44.9° to 13.7°	3.8 to 16 mm, horizontal FOV: 103.5° to 28.1°, vertical FOV: 77.3° to 21.1°, diagonal FOV: 129.3° to 35.0° 11 to 40 mm, horizontal FOV: 36.9° to 11.5°, vertical FOV: 27.1° to 8.6°, diagonal FOV: 47.5° to 14.4°	2.8 to 12 mm, horizontal FOV: 107.3° to 39.8°, vertical FOV: 55.9° to 22.3°, diagonal FOV: 130.1° to 45.7° 8 to 32 mm, horizontal FOV: 40.3° to 14.4°, vertical FOV: 22.1° to 8.2°, diagonal FOV: 46.9° to 16.5°	2.8 to 12 mm, horizontal FOV: 114.5° to 41.8°, vertical FOV: 59.3° to 23.6°, diagonal FOV: 141.1° to 48° 8 to 32 mm, horizontal FOV: 42.5° to 15.1°, vertical FOV: 23.3° to 8.64°, diagonal FOV: 49.6° to 17.3
Max. IR Range	3.8 to 16 mm: 80 m 11 to 40 mm: 120 m	3.8 to 16 mm: 80 m 11 to 40 mm: 120 m	2.8-12mm:50m 8-32mm:100m	2.8-12mm:50m 8-32mm:100m
VCA	Deep-learning-based algorithm: Multi-target-type Detection, Face Comparison, Face Capture, Face Recognition, Face Attributes, Premier Protection, Queue Management  Traditional algorithm: Motion detection, video tampering alarm, exception, Counting	Deep-learning-based algorithm: Multi-target-type Detection, Face Comparison, Face Capture, Face Recognition, Face Attributes, Premier Protection, Queue Management  Traditional algorithm: Motion detection, video tampering alarm, exception, Counting	Deep-learning-based algorithm: Premier Protection, Road Traffic and Vehicle Detection  Traditional algorithm: Motion detection, video tampering alarm, exception	Deep-learning-based algorithm: Premier Protection, Road Traffic and Vehicle Detection  Traditional algorithm: Motion detection, video tampering alarm, exception
Frame Rate	50Hz: 25fps [3840 × 2160, 3200 × 1800, 2560 × 1440, 1920 × 1080, 1280 × 720] 60Hz: 30fps [3840 × 2160, 3200 × 1800, 2560 × 1440, 1920 × 1080, 1280 × 720]	50 Hz: 25 fps (4096 × 2160, 3840 × 2160, 3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720) 60 Hz: 30 fps (4096 × 2160, 3840 × 2160, 3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720) 50 Hz: 20 fps (4000 × 3000) 60 Hz: 20 fps (4000 × 3000)	50Hz: 50fps (1920 × 1080, 1280 × 720) 60Hz: 60fps (1920 × 1080, 1280 × 720)	50Hz: 25fps (2680 × 1520, 2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 30fps (2680 × 1520, 2560 × 1440, 1920 × 1080, 1280 × 720)
Streams Protection Level	5+5 IP66, IK10	5+5 IP66, IK10	5+5 IP67, IK10 Bracket, pan: 0° to 355°, tilt: 0° to 90°, rotate: 0° to 360°	5+5 IP67, IK10 Bracket, pan: 0° to 355°, tilt: 0° to 90°, rotate: 0° to 360°
Angle Adjustment	-	-	-	-
Operating Temperature	-40 °C to 65 °C [-40 °F to 149 °F]	-40 °C to 65 °C [-40 °F to 149 °F]	-40 °C to 60 °C [-22 °F to 140 °F]	-40 °C to 60 °C [-22 °F to 140 °F]
Humidity	Humidity 95% or less (non-condensing)	Humidity 95% or less (non-condensing)	Humidity 95% or less (non-condensing)	Humidity 95% or less (non-condensing)
Local Storage	Built-in micro SD/SDHC/SDXC slot, up to 256 GB	Built-in micro SD/SDHC/SDXC slot, up to 256 GB	Built-in micro SD/SDHC/SDXC slot, up to 256 GB	Built-in micro SD/SDHC/SDXC slot, up to 256 GB
Indoor/Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Audio I/O	With -R: not support Without -R: 1 input (line in), 1 output (line out), 3.5 mm connector, 2 channels	With -R: not support Without -R: 1 input (line in), 1 output (line out), 3.5 mm connector, 2 channels	Without -Y: not support with -Y 1 input (line in), 3.5 mm connector, 1 output (line out), 3.5 mm connector, mono sound	Without -Y: not support with -Y 1 input (line in), 3.5 mm connector, 1 output (line out), 3.5 mm connector, mono sound
Alarm I/O	2 inputs, 2 outputs (max. 24 VDC, 1 A)	2 inputs, 2 outputs (max. 24 VDC, 1 A)	2 input, 2 outputs (max. 24 VDC, 1 A)	2 input, 2 outputs (max. 24 VDC, 1 A)
Power	12 VDC ± 20%, two-core terminal block, reverse polarity protection; 24 VAC ± 20%; PoE: 802.3bt, Type3, Class 5	12 VDC ± 20%, two-core terminal block, reverse polarity protection; 24 VAC ± 20%; PoE: 802.3bt, Type3, Class 5	12 VDC ± 20%, three-core terminal block, reverse polarity protection; PoE: 802.3at, Type 2 Class 4	12 VDC ± 20%, three-core terminal block, reverse polarity protection; PoE: 802.3at, Type 2 Class 4

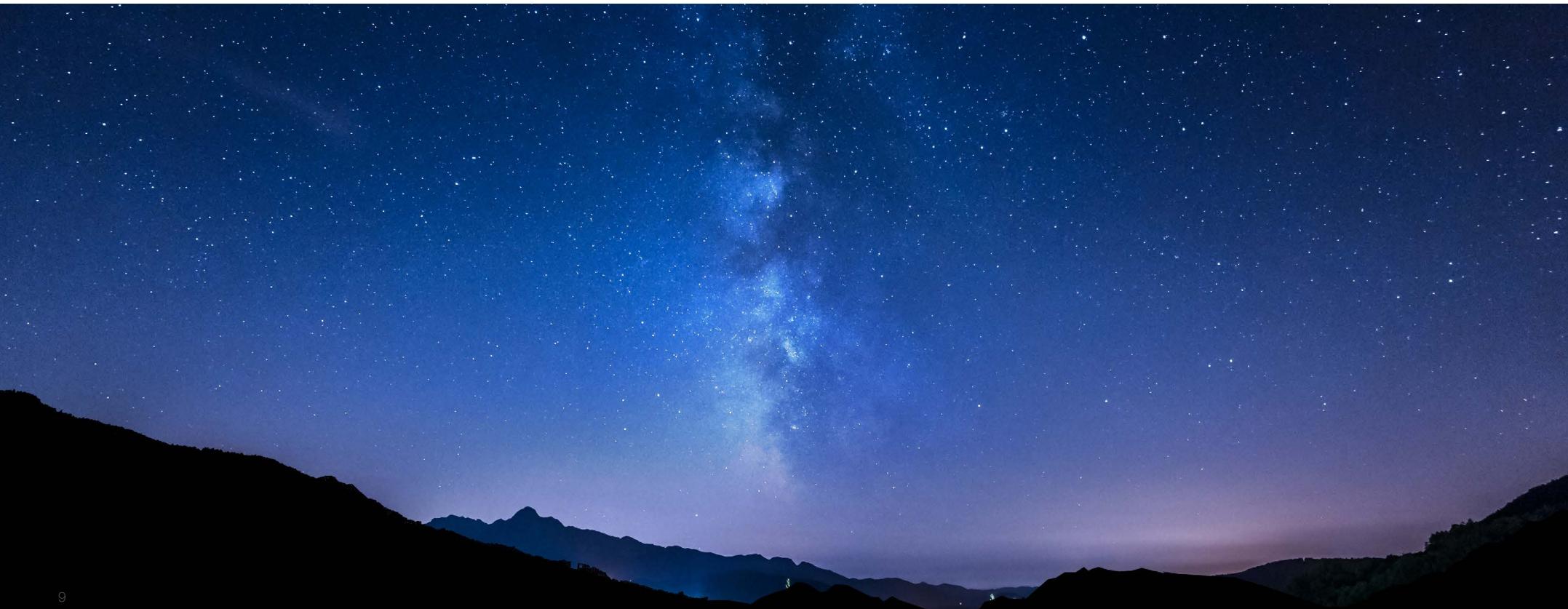
## 6 series

Model	IDS-2CD7026G0/EP-IHSY	IDS-2CD7046G0/EP-IHSY
<b>Image</b>	 <span style="color:red;">NEW</span>	 <span style="color:red;">NEW</span>
<b>Image Sensor</b>	1/1.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS
<b>Max. Resolution</b>	1920 × 1080	2680 × 1520
<b>Video Compression</b>	Main stream: H.265+/H.265/H.264+/H.264 Sub-stream/third stream/fourth stream/fifth stream/custom stream: H.265/H.264/MJPEG	Main stream: H.265+/H.265/H.264+/H.264 Sub-stream/Third stream/Fourth stream/Fifth stream/custom stream:H.265/H.264/MJPEG
<b>Min. Illumination</b>	Color: 0.002 Lux @ [F1.4, AGC ON]; B/W: 0.002 Lux @ [F1.4, AGC ON]	Color: 0.002 Lux @ [F1.4, AGC ON]; B/W: 0.002 Lux @ [F1.4, AGC ON]
<b>WDR</b>	140 dB	140 dB
<b>Lens</b>	CS mount	CS mount
<b>FOV</b>	3.8 to 16 mm, horizontal FOV: 109.1° to 29.6°, vertical FOV: 61.3° to 16.8°, diagonal FOV: 125.1° to 33.9° 11 to 40 mm, horizontal FOV: 39.1° to 12.1°, vertical FOV: 21.4° to 6.8°, diagonal FOV: 45.8° to 13.9°	3.8 to 16 mm, horizontal FOV: 109.1° to 29.6°, vertical FOV: 61.3° to 16.8°, diagonal FOV: 125.1° to 33.9° 11 to 40 mm, horizontal FOV: 39.1° to 12.1°, vertical FOV: 21.4° to 6.8°, diagonal FOV: 45.8° to 13.9°
<b>Max. IR Range</b>	3.8 to 16 mm: 80 m 11 to 40 mm: 120 m	3.8 to 16 mm: 80 m 11 to 40 mm: 120 m
<b>VCA</b>	Deep-learning-based algorithm: Premier Protection, Road Traffic and Vehicle Detection Traditional algorithm: Motion detection, video tampering alarm, exception	Deep-learning-based algorithm: Premier Protection, Road Traffic and Vehicle Detection Traditional algorithm: Motion detection, video tampering alarm, exception
<b>Frame Rate</b>	50Hz: 50fps [1920 × 1080, 1280 × 720] 60Hz: 60fps [1920 × 1080, 1280 × 720]	50Hz: 25fps [2680 × 1520, 2560 × 1440, 1920 × 1080, 1280 × 720] 60Hz: 30fps [2680 × 1520, 2560 × 1440, 1920 × 1080, 1280 × 720]
<b>Streams</b>	5+5	5+5
<b>Protection Level</b>	IP66, IK10	IP66, IK10
<b>Angle Adjustment</b>	-	-
<b>Operating Temperature</b>	-40 °C to 65 °C [-40 °F to 149 °F]	-40 °C to 65 °C [-40 °F to 149 °F]
<b>Humidity</b>	Humidity 95% or less (non-condensing)	Humidity 95% or less (non-condensing)
<b>Local Storage</b>	Built-in micro SD/SDHC/SDXC slot, up to 256 GB	Built-in micro SD/SDHC/SDXC slot, up to 256 GB
<b>Indoor/Outdoor</b>	Outdoor	Outdoor
<b>Audio I/O</b>	1 inputs (line in), 1 output (line out), 3.5 mm connector, 2 channels,	1 input (line in), 1 output (line out), 3.5 mm connector, 2 channels,
<b>Alarm I/O</b>	2 inputs, 2 outputs (max. 24 VDC, 1 A)	2 inputs, 2 outputs (max. 24 VDC, 1 A)
<b>Power</b>	12 VDC ± 20%, two-core terminal block, reverse polarity protection; 24 VAC ± 20%; PoE: 802.3bt, Type3 Class 5	12 VDC ± 20%, two-core terminal block, reverse polarity protection; 24 VAC ± 20%; PoE: 802.3bt, Type3, Class 5

Model	DS-2CD6825G0/C-IS	DS-2CD6825G0/C-IVS
<b>Image</b>	 <span style="color:orange;">HOT</span>	 <span style="color:orange;">HOT</span>
<b>Image Sensor</b>	1/1.2.7" Progressive Scan CMOS	1/1.2.7" Progressive Scan CMOS
<b>Max. Resolution</b>	1920 × 1080	1920 × 1080
<b>Video Compression</b>	Main stream: H.265+/H.265/H.264+/H.264 Sub stream: H.265/H.264/MJPEG	Main stream: H.265+/H.265/H.264+/H.264 Sub stream: H.265/H.264/MJPEG
<b>Min. Illumination</b>	Color: 0.0176 Lux @ [F2.25, AGC ON] B/W: 0.0035 Lux @ [F2.25, AGC ON]	Color: 0.0176 Lux @ [F2.25, AGC ON] B/W: 0.0035 Lux @ [F2.25, AGC ON]
<b>WDR</b>	Digital WDR	Digital WDR
<b>Lens</b>	2 mm	2 mm
<b>FOV</b>	Horizontal FOV 104.5°, vertical FOV 70.5°, diagonal FOV 112°	Horizontal FOV 104.5°, vertical FOV 70.5°, diagonal FOV 112°
<b>Max. IR Range</b>	6 m	6 m
<b>VCA</b>	Counts people entering and exiting separately Supports real-time uploading and uploading by static cycle Sends email reports on daily, weekly, monthly or annually basis Supports target filtering by height	Counts people entering and exiting separately Supports real-time uploading and uploading by static cycle Sends email reports on daily, weekly, monthly or annually basis Supports target filtering by height
<b>Frame Rate</b>	50Hz: 25fps [1920 × 1080, 1280 × 720]; 60Hz: 30fps [1920 × 1080, 1280 × 720]	50Hz: 25fps [1920 × 1080, 1280 × 720]; 60Hz: 30fps [1920 × 1080, 1280 × 720]
<b>Streams</b>	2	2
<b>Protection Level</b>	-	IP67
<b>Angle Adjustment</b>	-	-
<b>Operating Temperature</b>	-30 °C to +45 °C [-22 °F to +113 °F]	-30 °C to +45 °C [-22 °F to +113 °F]
<b>Humidity</b>	95% or less (non-condensing)	95% or less (non-condensing)
<b>Local Storage</b>	-	-
<b>Indoor/Outdoor</b>	Indoor	Outdoor
<b>Audio I/O</b>	1 built-in mic -S: 1 input (line in, two-core terminal block), 1 output (two-core terminal block), mono sound	1 built-in mic -S: 1 input (line in, two-core terminal block), 1 output (two-core terminal block), mono sound
<b>Alarm I/O</b>	1 input, 1 output (max. 24 VDC, 1 A)	1 input, 1 output (max. 24 VDC, 1 A)
<b>Power</b>	12 VDC±20%, reverse polarity protection, Ø5.5mm coaxial power plug 12 VDC, PoE [36 to 57 VDC, 802.3af], Calss3	12 VDC±20%, reverse polarity protection, Ø5.5mm coaxial power plug 12 VDC, PoE [36 to 57 VDC, 802.3af], Calss3

## Ultra Series Network Cameras

- Ultra Series Cameras easily meet the requirements for enterprise projects with surprisingly high performance, excellent stability and network security
- Excellent adaptability to lighting conditions with DarkFighter and LightFighter technologies
- Excellent stability: dual-file system backup, wide voltage range, NEMA 4X anti-corrosion, etc.
- Loaded with advanced security functionalities to increase your system's cyber defense capabilities, including 802.1x EAP-TLS 1.2, security audit log, stream encryption, SFTP, SD card encryption, etc.
- Supports HEOP, Metadata, ONVIF, ISAPI, SDK, and E-Home to make integration easier



Model	DS-2CD502660-(AP)	DS-2CD502660/E-HI	DS-2CD504660-(AP)	DS-2CD508560-(AP)
Image	 NEW	 NEW	 HOT	 NEW
Image Sensor	1/1.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS
Max. Resolution	1920 × 1080	1920 × 1080	2560 × 1440	3840×2160
Video Compression	H.265 / H.265+ / H.264+ / H.264 / MJPEG	H.265 / H.265+ / H.264+ / H.264 / MJPEG	H.265 / H.265+ / H.264+ / H.264 / MJPEG	H.265 / H.265+ / H.264+ / H.264 / MJPEG
Min. Illumination	Color: 0.002 Lux @ [F1.2, AGC ON]; B/W: 0.0002 Lux @ [F1.2, AGC ON]	Color: 0.002 Lux @ [F1.2, AGC ON]; B/W: 0.0002 Lux @ [F1.2, AGC ON]	Color: 0.002 Lux @ [F1.2, AGC ON] B/W: 0.0002 Lux @ [F1.2, AGC ON]	Color: 0.007 Lux @ [F1.2, AGC ON]; B/W: 0.0007 Lux @ [F1.2, AGC ON]
WDR	140 dB	140 dB	140 dB	120 dB
Lens	-	3.8-16 mm, 11-40 mm, 12-50 mm	-	-
FOV	-	3 to 16 mm, horizontal FOV 100.7° to 27.3°, vertical FOV 56.2° to 15.4°, diagonal FOV 115.5° to 31.3° 11 to 40 mm, horizontal FOV 35.8° to 11.2°, vertical FOV 19.6° to 6.3°, diagonal FOV 41.7° to 12.8° 12 to 50 mm, horizontal FOV 32.9° to 8.6°, vertical FOV 18.0° to 4.8°, diagonal FOV 38.2° to 9.8°	-	-
Max. IR Range	-	3.8 to 16 mm lens: 80 m 11 to 40 mm lens: 120 m 12 to 50 mm lens: 120 m	-	-
VCA	Line crossing detection, intrusion detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection
Frame Rate	50Hz: 50fps [1920×1080, 1280×960, 1280×720] 60Hz: 60fps [1920×1080, 1280×960, 1280×720]	50Hz: 50fps [1920×1080, 1280×960, 1280×720] 60Hz: 60fps [1920×1080, 1280×960, 1280×720]	50Hz: 25fps [2560 × 1440, 1920 × 1080, 1280 × 720] 60Hz: 30fps [2560 × 1440, 1920 × 1080, 1280 × 720]	50Hz: 25fps [3840×2160, 3200×1800, 2560×1440, 1920×1080, 1280×720] 60Hz: 30fps [3840×2160, 3200×1800, 2560×1440, 1920×1080, 1280×720]
Multi-Streaming	5+5	5+5	5+5	5+5
Protection Level	-	IP66,IK110	-	-
Angle Adjustment	-	-	-	-
Operating Temperature	-30 °C to 60 °C [-22 °F to 140 °F]	-I: -30 °C to 60 °C [-22 °F to 140 °F] -II: -40 °C to 60 °C [-40 °F to 140 °F]	-30 °C to 60 °C [-22 °F to 140 °F]	-30 °C to 60 °C [-22 °F to 140 °F]
Operating Humidity	humidity 95% or less (non-condensing)	humidity 95% or less (non-condensing)	humidity 95% or less (non-condensing)	Humidity 95% or less (non-condensing)
Local Storage	Built-in micro SD/SDHC/SDXC slot, up to 256 GB	Built-in micro SD/SDHC/SDXC slot, up to 256 GB	Built-in micro SD/SDHC/SDXC slot, up to 256 GB	Built-in micro SD/SDHC/SDXC slot, up to 256 GB
Audio I/O	1 input (line in), 1 output (line out), mono	1 input (line in), 1 output (line out), mono	1 input (line in), 1 output (line out), mono	1 input (line in), 1 output (line out), mono
Alarm I/O	2 inputs, 2 outputs	2 inputs, 2 outputs	2 inputs, 2 outputs	2 inputs, 2 outputs
Installation	-	-	-	-
Power Supply	12 VDC is recommended, 10 to 48 VDC; 24 VAC [-25%, +24.9%]; two-core terminal block; PoE (802.3af, class 3); Reverse polarity protection	24 VAC ± 20%, two-core terminal block	12 VDC is recommended, 10 to 48 VDC; 24 VAC [-25%, +24.9%]; two-core terminal block; PoE (802.3af, class 3); Reverse polarity protection	12 VDC is recommended, 10 to 48 VDC; 24 VAC [-25%, +24.9%]; two-core terminal block; PoE (802.3af, class 3); Reverse polarity protection

Model	DS-2CD50C560-(AP)	DS-2CD5126G0-Izs	DS-2CD5146G0-Izs	DS-2CD5185G0-Izs	DS-2CD51C560-Izs
Image	 <span style="color:red;">NEW</span>	 <span style="color:red;">NEW</span>	 <span style="color:orange;">HOT</span>	 <span style="color:red;">NEW</span>	 <span style="color:red;">NEW</span>
Image Sensor	1/1.7" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/1.7" Progressive Scan CMOS
Max. Resolution	4000 × 3000	1920×1080	2560 × 1440	3840×2160	4000×3000
Video Compression	H.265 / H.265+ / H.264+ / H.264 / MJPEG	H.265 / H.265+ / H.264+ / H.264 / MJPEG	H.265 / H.265+ / H.264+ / H.264 / MJPEG	H.265 / H.265+ / H.264+ / H.264 / MJPEG	H.265 / H.265+ / H.264+ / H.264 / MJPEG
Min. Illumination	Color: 0.008 Lux @ [F1.2, AGC ON] B/W: 0.0008 Lux @ [F1.2, AGC ON] 0 Lux with IR	Color: 0.002 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.002 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.007 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.008 Lux @ [F1.2, AGC ON], 0 Lux with IR
WDR	DWDR	140 dB	140 dB	120 dB	DWDR
Lens	-	2.8 to 12 mm			
FOV	-	horizontal FOV 103.3° to 38.6°, vertical FOV 54.2° to 21.9°, diagonal FOV 124.2° to 44.3°	horizontal FOV 109.2° to 38.9°, vertical FOV 56.2° to 21.9°, diagonal FOV 134.5° to 45°	horizontal FOV 112.4° to 41°, vertical FOV 58° to 23°, diagonal FOV 137° to 47°	horizontal FOV 101° to 36.1°, vertical FOV 72° to 27.2°, diagonal FOV 130° to 45.2°
Max. IR Range	-	30 m	30 m	30 m	30 m
VCA	Line crossing detection, intrusion detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection
Frame Rate	50Hz: 20fps(4000 × 3000), 25fps (4096 × 2160, 3840 × 2160, 3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 20fps(4000 × 3000), 30fps (4096 × 2160, 3840 × 2160, 3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720)	50Hz: 50fps (1920×1080, 1280×960, 1280×720) 60Hz: 60fps (1920×1080, 1280×960, 1280×720)	50Hz: 25fps (2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 30fps (2560 × 1440, 1920 × 1080, 1280 × 720)	50Hz: 25fps (3840×2160, 3200×1800, 2560×1440, 1920×1080, 1080×720) 60Hz: 30fps (3840×2160, 3200×1800, 2560×1440, 1920×1080, 1080×720)	50Hz: 20fps(4000 × 3000), 25fps (4096 × 2160, 3840 × 2160, 3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 20fps(4000 × 3000), 30fps (4096 × 2160, 3840 × 2160, 3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720)
Multi-Streaming	5+5	5+5	5+5	5+5	5+5
Protection Level	-	IK10	IK10	IK10	IK10
Angle Adjustment	-	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°
Operating Temperature	-30 °C to 60 °C (-22 °F to 140 °F)	-30 °C to 60 °C (-22 °F to 140 °F)	-30 °C to 60 °C (-22 °F to 140 °F)	-30 °C to 60 °C (-22 °F to 140 °F)	-30 °C to 60 °C (-22 °F to 140 °F)
Operating Humidity	Humidity 95% or less (non-condensing)	humidity 95% or less (non-condensing)	humidity 95% or less (non-condensing)	humidity 95% or less (non-condensing)	humidity 95% or less (non-condensing)
Local Storage	Built-in micro SD/SDHC/SDXC slot, up to 256 GB	Built-in micro SD/SDHC/SDXC slot, up to 256 GB	Built-in micro SD/SDHC/SDXC slot, up to 256 GB	Built-in micro SD/SDHC/SDXC slot, up to 256 GB	Built-in micro SD/SDHC/SDXC slot, up to 256 GB
Audio I/O	1 input (line in), 1 output (line out), mono	1 input (line in, 3.5 mm), 1 output (line out, 3.5 mm), mono sound	1 input (line in, 3.5 mm), 1 output (line out, 3.5 mm), mono sound	1 input (line in, 3.5 mm), 1 output (line out, 3.5 mm), mono sound	1 input (line in, 3.5 mm), 1 output (line out, 3.5 mm), mono sound
Alarm I/O	2 inputs, 2 outputs	1 input, 1 output			
Installation	-	-	-	-	-
Power Supply	12 VDC is recommended, 10 to 48 VDC; 24 VAC (-25%, +24.9%); two-core terminal block; PoE [802.3af, class 3]; Reverse polarity protection	12 VDC is recommended, 10 to 48 VDC; reverse polarity protection; two-core terminal block; PoE [802.3af, class 3]	12 VDC is recommended, 10 to 48 VDC; reverse polarity protection; two-core terminal block; PoE [802.3af, class 3]	12 VDC is recommended, 10 to 48 VDC; reverse polarity protection; two-core terminal block; PoE [802.3af, class 3]	12 VDC is recommended, 10 to 48 VDC; reverse polarity protection; two-core terminal block; PoE [802.3af, class 3]

Model	DS-2CD5A26G0-I(H)HS	DS-2CD5A26G0-I(H)SY	DS-2CD5A46G0-I(H)HS	DS-2CD5A46G0-I(H)SY	DS-2CD5A85G0-I(H)S
Image	 <span style="color:red;">NEW</span>	 <span style="color:orange;">HOT</span>	 <span style="color:red;">NEW</span>	 <span style="color:orange;">HOT</span>	 <span style="color:green;">NEW</span>
Image Sensor	1/1.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS
Max. Resolution	1920×1080	1920×1080	2560 × 1440	2560 × 1440	3840 × 2160
Video Compression	H.265 / H.265+ / H.264+ / H.264 / MJPEG	H.265 / H.265+ / H.264+ / H.264 / MJPEG	H.265 / H.265+ / H.264+ / H.264 / MJPEG	H.265 / H.265+ / H.264+ / H.264 / MJPEG	H.265 / H.265+ / H.264+ / H.264 / MJPEG
Min. Illumination	Color: 0.004 Lux @ [F1.6, AGC ON], 0 Lux with IR	Color: 0.002 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.005 Lux @ [F1.8, AGC ON], 0 Lux with IR on	Color: 0.002 Lux @ [F1.2, AGC ON], 0 Lux with IR on	Color: 0.016 Lux @ [F1.8, AGC ON], 0 Lux with IR on
WDR	140 dB	140 dB	140 dB	140 dB	120 dB
Lens	2.8 to 12 mm, 8 to 32 mm	2.8 to 12 mm	2.8 to 12 mm, 8 to 32mm	2.8 to 12 mm	2.8 to 12 mm, 8 to 32 mm
FOV	2.8 to 12 mm, horizontal FOV 103.3° to 38.6°, vertical FOV 54.2° to 21.9°, diagonal FOV 124.2° to 44.3° 8 to 32 mm, horizontal FOV 42.5° to 13.4°, vertical FOV 23.4° to 7.7°, diagonal FOV 49° to 15.3°	2.8 to 12 mm, horizontal FOV 103.3° to 38.6°, vertical FOV 54.2° to 21.9°, diagonal FOV 134.5° to 45° 8 to 32 mm, horizontal FOV 37.7° to 15.2°, vertical FOV 21° to 8.6°, diagonal FOV 43.3° to 17.24°	2.8 to 12 mm, horizontal FOV 109.2° to 38.9°, vertical FOV 56.2° to 21.9°, diagonal FOV 134.5° to 45° 8 to 32 mm, horizontal FOV 37.7° to 15.2°, vertical FOV 21° to 8.6°, diagonal FOV 43.3° to 17.24°	2.8 to 12 mm, horizontal FOV 109.2° to 38.9°, vertical FOV 56.2° to 21.9°, diagonal FOV 134.5° to 45°	2.8 to 12 mm, horizontal FOV 112.4° to 41°, vertical FOV 58° to 23°, diagonal FOV 137° to 47° 8 to 32 mm, horizontal FOV 39° to 15.6°, vertical FOV 21.8° to 8.9°, diagonal FOV 45° to 17.8°
Max. IR Range	2.8 to 12 mm lens: 50 m 8 to 32 mm lens: 100 m	50 m	2.8-12 mm lens: 50 m 8-32 mm lens: 100 m	50 m	2.8-12 mm lens: 50 m 8-32 mm lens: 100 m
VCA	Line crossing detection, intrusion detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection
Frame Rate	50Hz: 50fps [1920×1080, 1280×960, 1280×720] 60Hz: 60fps [1920×1080, 1280×960, 1280×720]	50Hz: 25fps [1920 × 1080, 1280 × 960, 1280 × 720], 50fps [1920 × 1080, 1280 × 960, 1280 × 720] 60Hz: 30fps [1920 × 1080, 1280 × 960, 1280 × 720], 60fps [1920 × 1080, 1280 × 960, 1280 × 720]	50Hz: 25fps [2560 × 1440, 1920 × 1080, 1280 × 720] 60Hz: 30fps [2560 × 1440, 1920 × 1080, 1280 × 720]	50Hz: 25fps [2560 × 1440, 1920 × 1080, 1280 × 720] 60Hz: 30fps [2560 × 1440, 1920 × 1080, 1280 × 720]	50Hz: 25fps [3840×2160, 3200×1800, 2560×1440, 1920×1080, 1280×720] 60Hz: 30fps [3840×2160, 3200×1800, 2560×1440, 1920×1080, 1280×720]
Multi-Streaming	5+5	5+5	5+5	5+5	5+5
Protection Level	IP67, IK10	IP67, IK10, Anti-Corrosion Standard: NEMA 4X	IP67, IK10	IP67, IK10, Anti-Corrosion Standard: NEMA 4X	IP67, IK10
Angle Adjustment	Bracket, pan: 0° to 355°, tilt: 0° to 90°, rotate: 0° to 360°	Bracket, pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 360°	Bracket, pan: 0° to 355°, tilt: 0° to 90°, rotate: 0° to 360°	Bracket, pan: 0° to 355°, tilt: 0° to 90°, rotate: 0° to 360°	Bracket, pan: 0° to 355°, tilt: 0° to 90°, rotate: 0° to 360°
Operating Temperature	-30 °C to 65°C [-22 °F to 149 °F], -H: -40 °C to 65 °C [-40 °F to 149 °F]	-30 °C to 65°C [-22 °F to 149 °F], -H: -40 °C to 65 °C [-40 °F to 149 °F]	-30 °C to 65°C [-22 °F to 149 °F], -H: -40 °C to 65 °C [-40 °F to 149 °F]	-30 °C to 65°C [-22 °F to 149 °F], -H: -40 °C to 65 °C [-40 °F to 149 °F]	-30 °C to 65°C [-22 °F to 149 °F], -H: -40 °C to 65 °C [-40 °F to 149 °F]
Operating Humidity	Humidity 95% or less (non-condensing)	Humidity 95% or less (non-condensing)	Humidity 95% or less (non-condensing)	Humidity 95% or less (non-condensing)	Humidity 95% or less (non-condensing)
Local Storage	Built-in micro SD/SDHC/SDXC slot, up to 256 GB	Built-in micro SD/SDHC/SDXC slot, up to 256 GB	Built-in micro SD/SDHC/SDXC slot, up to 256 GB	Built-in micro SD/SDHC/SDXC slot, up to 256 GB	Built-in micro SD/SDHC/SDXC slot, up to 256 GB
Audio I/O	-	-	-	-	-
Alarm I/O	2 inputs, 2 outputs	2 inputs, 2 outputs	2 inputs, 2 outputs	2 inputs, 2 outputs	2 inputs, 2 outputs
Installation	-	-	-	-	-
Power Supply	12 VDC ± 20%, two-core terminal block; reverse polarity protection, PoE [802.3at, class 4]	12 VDC ± 20%, three-core terminal block; reverse polarity protection, PoE [802.3at, type 2, class 4]	12 VDC ± 20%, two-core terminal block; reverse polarity protection, PoE [802.3at, class 4]	12 VDC ± 20%, three-core terminal block; reverse polarity protection, PoE [802.3at, type 2, class 4]	12 VDC ± 20%, two-core terminal block; reverse polarity protection, PoE [802.3at, class 4]

Model	DS-2CD5AC560-IZ(H)S	DS-2CD552660-IZ(H)S	DS-2CD552660-IZ(H)SY	DS-2CD554660-IZ(H)S	DS-2CD554660-IZ(H)SY
Image	 <span style="color:red;">NEW</span>	 <span style="color:red;">NEW</span>	 <span style="color:red;">NEW</span>	 <span style="color:orange;">HOT</span>	 <span style="color:orange;">HOT</span>
Image Sensor	1/1.7" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS
Max. Resolution	4000×3000	1920×1080	1920×1080	2560 × 1440	2560 × 1440
Video Compression	H.265 / H.265+ / H.264+ / H.264 / MJPEG	H.265 / H.265+ / H.264+ / H.264 / MJPEG	H.265 / H.265+ / H.264+ / H.264 / MJPEG	H.265 / H.265+ / H.264+ / H.264 / MJPEG	H.265 / H.265+ / H.264+ / H.264 / MJPEG
Min. Illumination	Color: 0.018 Lux @ (F1.8, AGC ON), 0 Lux with IR on	Color: 0.004 Lux @ (F1.6, AGC ON), 0 Lux with IR	Color: 0.002 Lux @ (F1.2, AGC ON), 0 Lux with IR	Color: 0.005 Lux @ (F1.8, AGC ON), 0 Lux with IR	Color: 0.002 Lux @ (F1.2, AGC ON), 0 Lux with IR
WDR	DWDR	140 dB	140 dB	140 dB	140 dB
Lens	2.8 to 12 mm	2.8 to 12 mm, 8 to 32 mm	2.8 to 12 mm	2.8 to 12 mm, 8 to 32 mm	2.8 to 12 mm
FOV	2.8 to 12 mm, horizontal FOV 101° to 36.1°, vertical FOV 72° to 27.2°, diagonal FOV 130° to 45.2°	2.8 to 12 mm, horizontal FOV 103.3° to 38.6°, vertical FOV 54.2° to 21.9°, diagonal FOV 124.2° to 44.3° 8 to 32 mm, horizontal FOV 42.5° to 13.4°, vertical FOV 23.4° to 7.7°, diagonal FOV 49° to 15.3°	2.8 to 12 mm, horizontal FOV 103.3° to 38.6°, vertical FOV 54.2° to 21.9°, diagonal FOV 124.2° to 44.3°	2.8 to 12 mm, horizontal FOV 109.2° to 38.9°, vertical FOV 56.2° to 21.9°, diagonal FOV 134.5° to 45° 8 to 32 mm, horizontal FOV 37.7° to 15.2°, vertical FOV 21° to 8.6°, diagonal FOV 43.4° to 17.24°	2.8 to 12 mm, horizontal FOV 109.2° to 38.9°, vertical FOV 56.2° to 21.9°, diagonal FOV 134.5° to 45°
Max. IR Range	50 m	2.8 to 12 mm lens: 30 m 8 to 32 mm lens: 50 m	30 m	2.8-12 mm lens: 30 m 8-32 mm lens: 50 m	30 m
VCA	Line crossing detection, intrusion detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection
Frame Rate	50Hz: 20fps(4000 × 3000), 25fps (4096 × 2160, 3840 × 2160, 3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 20fps(4000 × 3000), 30fps (4096 × 2160, 3840 × 2160, 3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720)	50Hz: 50fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 60fps (1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 50fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 60fps (1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 25fps (2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 30fps (2560 × 1440, 1920 × 1080, 1280 × 720)	50Hz: 25fps (2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 30fps (2560 × 1440, 1920 × 1080, 1280 × 720)
Multi-Streaming	5+5	5+5	5+5	5+5	5+5
Protection Level	IP67, IK10	IP67, IK10	IP67, IK10 Anti-Corrosion Standard: NEMA 4X	IP67, IK10	IP67, IK10 Anti-Corrosion Standard: NEMA 4X
Angle Adjustment	Bracket, pan: 0° to 355°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°
Operating Temperature	-30 °C to 65°C (-22 °F to 149 °F), -H: -40 °C to 65 °C (-40 °F to 149 °F)	-30 °C to 65°C (-22 °F to 149 °F), -H: -40 °C to 65 °C (-40 °F to 149 °F)	-30 °C to 65°C (-22 °F to 149 °F), -H: -40 °C to 65 °C (-40 °F to 149 °F)	-30 °C to 65°C (-22 °F to 149 °F), -H: -40 °C to 65 °C (-40 °F to 149 °F)	-30 °C to 65°C (-22 °F to 149 °F), -H: -40 °C to 65 °C (-40 °F to 149 °F)
Operating Humidity	Humidity 95% or less (non-condensing)	humidity 95% or less (non-condensing)	humidity 95% or less (non-condensing)	humidity 95% or less (non-condensing)	humidity 95% or less (non-condensing)
Local Storage	Built-in micro SD/SDHC/SDXC slot, up to 256 GB	Built-in micro SD/SDHC/SDXC slot, up to 256 GB	Built-in micro SD/SDHC/SDXC slot, up to 256 GB	Built-in micro SD/SDHC/SDXC slot, up to 256 GB	Built-in micro SD/SDHC/SDXC slot, up to 256 GB
Audio I/O	-	1-ch 3.5 mm input (line in), 1-ch 3.5 mm output (line out), mono	1-ch 3.5 mm input (line in), 1-ch 3.5mm output, mono	1-ch 3.5 mm input (line in), 1-ch 3.5mm output, mono	1-ch 3.5 mm input (line in), 1-ch 3.5mm output, mono
Alarm I/O	2 inputs, 2 outputs	1 input, 1 output	1 input, 1 output	1 input, 1 output	1 input, 1 output
Installation	-	-	-	-	-
Power Supply	12 VDC ± 20%, two-core terminal block; reverse polarity protection, PoE [802.3at, class 4]	12 VDC is recommended, 10 to 48 VDC; reverse polarity protection; two-core terminal block; PoE [802.3at, class 4]	12 VDC is recommended, 10 to 48 VDC; reverse polarity protection; two-core terminal block; PoE [802.3at, class 4]	12 VDC is recommended, 10 to 48 VDC; reverse polarity protection; two-core terminal block; PoE [802.3at, class 4]	12 VDC is recommended, 10 to 48 VDC; reverse polarity protection; two-core terminal block; PoE [802.3at, class 4]

## 4 Series

Model	DS-2CD5585G0-IZ(H)S	DS-2CD55C560-IZ(H)S
<b>Image</b>	 <span style="color:red;">NEW</span>	 <span style="color:red;">NEW</span>
<b>Image Sensor</b>	1/1.8" Progressive Scan CMOS	1/1.7" Progressive Scan CMOS
<b>Max. Resolution</b>	3840 × 2160	4000 × 3000
<b>Video Compression</b>	H.265 / H.265+ / H.264+ / H.264 / MJPEG	H.265 / H.265+ / H.264+ / H.264 / MJPEG
<b>Min. Illumination</b>	Color: 0.016 Lux @ [F1.8, AGC ON], 0 Lux with IR	Color: 0.008 Lux @ [F1.2, AGC ON], 0 Lux with IR
<b>WDR</b>	120 dB	DWDR
<b>Lens</b>	2.8 to 12 mm, 8 to 32 mm	2.8 to 12 mm
<b>FOV</b>	2.8 to 12 mm, horizontal FOV 112.4° to 41°, vertical FOV 58° to 23°, diagonal FOV 137° to 47° 8 to 32 mm, horizontal FOV 39° to 15.6°, vertical FOV 21.8° to 8.9°, diagonal FOV 45° to 17.8°	2.8 to 12 mm, horizontal FOV 101° to 36.1°, vertical FOV 72° to 27.2°, diagonal FOV 130° to 45.2°
<b>Max. IR Range</b>	2.8-12 mm lens: 30 m 8-32 mm lens: 50 m	30 m
<b>VCA</b>	Line crossing detection, intrusion detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection
<b>Frame Rate</b>	50Hz: 25fps [3840×2160, 3200×1080, 2560×1440, 1920×1080, 1080×720] 60Hz: 30fps [3840×2160, 3200×1080, 2560×1440, 1920×1080, 1080×720]	50Hz: 20fps [4000 × 3000], 25fps [4096 × 2160, 3840 × 2160, 3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720] 60Hz: 20fps [4000 × 3000], 30fps [4096 × 2160, 3840 × 2160, 3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720]
<b>Multi-Streaming</b>	5+5	5+5
<b>Protection Level</b>	IP67, IK10	IP67, IK10
<b>Angle Adjustment</b>	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°
<b>Operating Temperature</b>	-30 °C to 65 °C [-22 °F to 149 °F], -H: -40 °C to 65 °C [-40 °F to 149 °F]	-30 °C to 65 °C [-22 °F to 149 °F], -H: -40 °C to 65 °C [-40 °F to 149 °F]
<b>Operating Humidity</b>	humidity 95% or less (non-condensing)	humidity 95% or less (non-condensing)
<b>Local Storage</b>	Built-in micro SD/SDHC/SDXC slot, up to 256 GB	Built-in micro SD/SDHC/SDXC slot, up to 256 GB
<b>Audio I/O</b>	1-ch 3.5 mm input (line in), 1-ch 3.5mm output, mono	1-ch 3.5 mm input (line in), 1-ch 3.5mm output, mono
<b>Alarm I/O</b>	1 input, 1 output	1 input, 1 output
<b>Installation</b>	-	-
<b>Power Supply</b>	12 VDC is recommended, 10 to 48 VDC; reverse polarity protection; two-core terminal block; PoE (802.3at, class 4)	12 VDC is recommended, 10 to 48 VDC; reverse polarity protection; two-core terminal block; PoE (802.3at, class 4)

Model	DS-2CD4026FWD-A/P	DS-2CD4026FWD/P-[HIRA](IR5)(IR4)(INRA)	DS-2CD4026FWD/P-L
<b>Image</b>			
<b>Image Sensor</b>	<b>DarkFighter</b>	<b>DarkFighter</b>	<b>DarkFighter</b>
<b>Max. Resolution</b>	1920 × 1080	1920 × 1080	1920 × 1080
<b>Video Compression</b>	H.264+ / H.264 / MPEG4 / MJPEG	H.264+ / H.264 / MPEG4 / MJPEG	H.264+ / H.264 / MPEG4 / MJPEG
<b>Min. Illumination</b>	Color: 0.002 Lux @ [F1.2, AGC ON], B/W: 0.0002 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.002 Lux @ [F1.2, AGC ON], B/W: 0.0002 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.002 Lux @ [F1.2, AGC ON], B/W: 0.0002 Lux @ [F1.2, AGC ON]
<b>WDR</b>	120 dB	120 dB	120 dB
<b>Lens</b>	-	3.8 to 16 mm, 11 to 40 mm	3.8-16 mm, 11-40 mm, 7-33 mm
<b>FOV</b>	-	3.8 mm to 16 mm, horizontal field of view: 100.6° to 27.3° 11 mm to 40 mm, horizontal field of view: 35.8° to 11.2°	3.8 mm to 16 mm, horizontal field of view: 100.6° to 27.3° 11 mm to 40 mm, horizontal field of view: 35.8° to 11.2° 7 mm to 33 mm, horizontal field of view: 50.5° to 16.4°
<b>Max. IR Range</b>	-	-IR5: 50 m -IRA: 120 m -INRA: 120 m -HIRA: 120 m	-
<b>VCA</b>	ANPR	ANPR	ANPR
<b>Frame Rate</b>	50Hz: 50fps [1920 × 1080, 1280 × 960, 1280 × 720] 60Hz: 60fps [1920 × 1080, 1280 × 960, 1280 × 720]	50Hz: 50fps [1920 × 1080, 1280 × 960, 1280 × 720] 60Hz: 60fps [1920 × 1080, 1280 × 960, 1280 × 720]	50Hz: 50fps [1920 × 1080, 1280 × 960, 1280 × 720] 60Hz: 60fps [1920 × 1080, 1280 × 960, 1280 × 720]
<b>Multi-Streaming</b>	€3.00	€3.00	€3.00
<b>Protection Level</b>	IP5X	IP66	IP66
<b>Angle Adjustment</b>	-	-	-
<b>Operating Temperature</b>	-30 °C – 60 °C [-22 °F – 140 °F]	-30 °C – 60 °C [-22 °F – 140 °F]	-30 °C – 60 °C [-22 °F – 140 °F]
<b>Operating Humidity</b>	humidity 95% or less (non-condensing)	humidity 95% or less (non-condensing)	humidity 95% or less (non-condensing)
<b>Local Storage</b>	Built-in Micro SD/SDHC/SDXC slot, up to 128 GB	Support microSD/SDHC/SDXC card [128G]	Support microSD/SDHC/SDXC card [128G]
<b>Audio I/O</b>	1-ch 3.5mm audio input[Line in/mic in], 1-ch 3.5mm audio output	1-ch 3.5 mm audio in[ Mic in/Line in]/out interface, 1 build-in Microphone	1-ch 3.5mm audio input[Line in/mic in], 1-ch 3.5mm audio output 1 build-in microphone[can be turned off]
<b>Alarm I/O</b>	1 input, 1 output	1 input, 1 output	1 input, 1 output
<b>Power Supply</b>	12 VDC, 24 VAC, PoE (802.3af, class 4) Terminal block	24 VAC ± 10%, terminal block	24 VAC ± 10%, terminal block

Model	DS-2CD4A26FWD-(IZ)(IZS)(IZHS)(LZS)/P	DS-2CD4626FWD-IZ(HS)/P	DS-2CD4A4560-IZ(H)S	DS-2CD4B26FWD-IZ(S)	DS-2CD4B2560-IZS
Image					
	<b>DarkFighter</b> +	<b>DarkFighter</b> +		<b>DarkFighter</b> +	
Image Sensor	1/1.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/2.5" progressive scan CMOS	1/1.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS
Max. Resolution	1920 × 1080	1920 × 1080	2560 × 1440	1920 × 1080	1920 × 1080
Video Compression	H.264+ / H.264 / MPEG4 / MJPEG	H.264+ / H.264 / MPEG4 / MJPEG	H.265+ / H.265 / H.264+ / H.264 / MJPEG	H.265+ / H.265 / H.264+ / H.264 / MJPEG	H.265+ / H.265 / H.264+ / H.264 / MJPEG
Min. Illumination	Color:0.0027 Lux @ [F1.4, AGC ON], 0 Lux with IR	Color: 0.002 Lux @ [F1.2, AGC ON], B/W: 0.0027 Lux @ [F1.4, AGC ON], 0 Lux with IR	Color: 0.007 Lux @ [F1.2, AGC ON], 0.01 Lux @ [F1.4, AGC ON]	Color:0.0027 Lux @ [F1.4, AGC ON], 0 Lux with IR B/W: 0.00027 Lux @ [F1.4, AGC ON], 0 Lux with IR"	0.005 Lux @ [F1.2, AGC ON], 0.007 Lux @ [F1.4, AGC ON]
WDR	120 dB	120 dB	105 dB	120 dB	120 dB
Lens	2.8 to 12 mm, 8 to 32 mm	2.8 to 12 mm	4.7 to 94 mm	2.8 to 12 mm	4.7 to 65.8 mm
FOV	2.8 mm to 12 mm, F1.4, horizontal field of view: 92° to 32° 8 mm to 32 mm, F1.6, horizontal field of view: 42° to 13.5°	2.8 mm to 12 mm, F1.4, horizontal field of view: 92° to 32°	Horizontal FOV 58.248° - 2.896° Vertical FOV 33.602° - 1.644° Diagonal FOV 65.868° - 3.31°	2.8 – 12 mm F1.4, horizontal angle of view 90.1° – 31°	4.7 to 65.8 mm @F1.4, horizontal FOV 54.84° to 3.12°, vertical FOV 31.62° to 1.76°, diagonal FOV 62.08° to 3.58°
Max. IR Range	2.8 to 12 mm lens: 50 m 8 to 32 mm lens: 100 m	50 m	150 m	10 to 30 m	120 m
VCA	ANPR	ANPR	Line crossing detection, intrusion detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection
Frame Rate	50Hz: 50fps [1920 × 1080, 1280 × 960, 1280 × 720] 60Hz: 60fps [1920 × 1080, 1280 × 960, 1280 × 720]	50Hz: 50fps [1920 × 1080, 1280 × 960, 1280 × 720] 60Hz: 60fps [1920 × 1080, 1280 × 960, 1280 × 720]	50Hz: 25fps [2560 × 1440, 2304 × 1296, 1920 × 1080, 1280 × 960, 1280 × 720] 60Hz: 30fps [2560 × 1440, 2304 × 1296, 1920 × 1080, 1280 × 960, 1280 × 720]	50Hz: 25fps [1920 × 1080, 1280 × 960, 1280 × 720] 60Hz: 30fps [1920 × 1080, 1280 × 960, 1280 × 720]	50Hz: 25fps [1920 × 1080, 1280 × 960, 1280 × 720] 60Hz: 30fps [1920 × 1080, 1280 × 960, 1280 × 720]
Multi-Streaming	€3.00	€3.00	€3.00	€3.00	€3.00
Protection Level	IP67	IP66	IP67	IP67	IP67
Angle Adjustment	-	-	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 100°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°
Operating Temperature	-IZS/P, -IZ/P, -LZS/P: -30 °C to +60 °C [-22 °F to +140 °F] -IZHS/P: -40 °C to +60 °C [-40 °F to +140°F]	IZ/P: -30 °C to +60 °C [-22 °F to +140 °F] IZHS/P: -40 °C to +60 °C [-40 °F to +140°F]	-IZS: -30 °C to 60 °C [-22 °F to 140 °F] -IZ(H)S: -40 °C to 60 °C [-40 °F to 140 °F]	-30 °C – 60 °C [-22 °F – 140 °F]	-30 °C to 60 °C [-22 °F to 140 °F]
Operating Humidity	humidity 95% or less (non-condensing)	Humidity 95% or less (non-condensing)	humidity 95% or less (non-condensing)	humidity 95% or less (non-condensing)	humidity 95% or less (non-condensing)
Local Storage	Built-in microSD/SDHC/SDXC slot, up to 128 G	Support microSD/SDHC/SDXC card (128G)	Built-in Micro SD/SDHC/SDXC slot, up to 128 GB	Support Micro SD/SDHC/SDXC card (128G)	Support Micro SD/SDHC/SDXC card (128G)
Audio I/O	With -S model: 1 audio input(line in/mic in), 1 audio output	With -S model: 1 audio input(line in/mic in), 1 audio output	1 input (line in/mic in), 1 output (line out), mono	With -S model: 1 input (line in), 1 output	1 input (line in), 1 output (line out), mono
Alarm I/O	With -S model: 1 input, 1 output	With -S model: 1 input, 1 output	1 input, 1 output	With -S model: 1 input, 1 output	1 input, 1 output
Power Supply	12 VDC ± 10%, terminal block PoE (802.3at, class 4)	24 VAC ± 10%, terminal block PoE (802.3at, class 4)	12 VDC ± 20%, PoE (802.3at, class 4), three-core terminal blocks	12 V DC ± 20%, PoE (802.3at, class 4)	12 VDC ± 20%, PoE (802.3at, class 4), three-core terminal blocks

Model	DS-2CD4B36FWD-I(S)	DS-2CD4C26FWD-(A)(P)	DS-2CD4C36FWD-(A)(P)	DS-2CD4D26FWD-I(S)(V)	DS-2CD4D36FWD-I(S)(V)
<b>Image</b>		<b>DarkFighter</b> +		<b>DarkFighter</b> +	
<b>Image Sensor</b>	1/2.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS
<b>Max. Resolution</b>	2048 × 1536	1920 × 1080	2048 × 1536	1920 × 1080	2048 × 1536
<b>Video Compression</b>	H.265+ / H.265 / H.264+ / H.264 / MJPEG	H.265+ / H.265 / H.264+ / H.264 / MJPEG	H.265+ / H.265 / H.264+ / H.264 / MJPEG	H.265+ / H.265 / H.264+ / H.264 / MJPEG	H.265+ / H.265 / H.264+ / H.264 / MJPEG
<b>Min. Illumination</b>	Color: 0.007 Lux @ [F1.4, AGC ON], 0 Lux with IR B/W: 0.0007 Lux @ [F1.4, AGC ON], 0 Lux with IR	Color: 0.002 Lux @ [F1.2, AGC ON] B/W: 0.0002 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.005 Lux @ [F1.2, AGC ON] B/W: 0.0005 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.0027 Lux @ [F1.4, AGC ON], 0 Lux with IR B/W: 0.00027 Lux @ [F1.4, AGC ON], 0 Lux with IR*	Color: 0.007 Lux @ [F1.4, AGC ON], 0 Lux with IR B/W: 0.0007 Lux @ [F1.4, AGC ON], 0 Lux with IR
<b>WDR</b>	120 dB	120 dB	120 dB	120 dB	120 dB
<b>Lens</b>	2.8 to 12 mm	-	-	2.8 to 12 mm	2.8 to 12 mm
<b>FOV</b>	2.8 to 12 mm F1.4, horizontal angle of view 88.5° to 32.8°	-	-	2.8 - 12 mm F1.4, horizontal angle of view 90.1° - 31°	2.8 to 12 mm F1.4, horizontal angle of view 88.5° to 32.8°
<b>Max. IR Range</b>	10 to 30 m	-	-	10 to 30 m	10 to 30 m
<b>VCA</b>	Line crossing detection, intrusion detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection
<b>Frame Rate</b>	50Hz: 25fps [2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720] 60Hz: 30fps [2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720]	50Hz: 25fps [1920 × 1080, 1280 × 960, 1280 × 720] 60Hz: 30fps [1920 × 1080, 1280 × 960, 1280 × 720]	50Hz: 25fps [2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720] 60Hz: 30fps [2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720]	50Hz: 25fps [1920 × 1080, 1280 × 960, 1280 × 720] 60Hz: 30fps [1920 × 1080, 1280 × 960, 1280 × 720]	50Hz: 25fps [2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720] 60Hz: 30fps [2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720]
<b>Multi-Streaming</b>	€3.00	€3.00	€3.00	€3.00	€3.00
<b>Protection Level</b>	IP67	-	-	IP66, IK10	IP66, IK10
<b>Angle Adjustment</b>	Pan: 0° to 360°, tilt: 0° to 100°, rotate: 0° to 360°	-	-	Pan: 0° to 355°, tilt: 0° to 70°, rotate: 0° to 355°	Pan: 0° to 355°, tilt: 0° to 70°, rotate: 0° to 355°
<b>Operating Temperature</b>	-30 °C - 60 °C [-22 °F - 140 °F]	-30 °C - 60 °C [-22 °F - 140 °F]	-30 °C - 60 °C [-22 °F - 140 °F]	-30 °C - 60 °C [-22 °F - 140 °F]	-30 °C - 60 °C [-22 °F - 140 °F]
<b>Operating Humidity</b>	humidity 95% or less (non-condensing)	humidity 95% or less (non-condensing)	humidity 95% or less (non-condensing)	humidity 95% or less (non-condensing)	humidity 95% or less (non-condensing)
<b>Local Storage</b>	Built-in micro SD/SDHC/SDXC slot, up to 128 GB	Built-in Micro SD/SDHC/SDXC slot, up to 128 GB	Built-in Micro SD/SDHC/SDXC slot, up to 128 GB	Support Micro SD/SDHC/SDXC card (128G)	Built-in micro SD/SDHC/SDXC slot, up to 128 GB
<b>Audio I/O</b>	With -S model: 1 input (line in), 1 output 1-ch 3.5mm audio input(line in/mic in), 1-ch 3.5mm audio output 1 build-in microphone[can be turned off]	1-ch 3.5mm audio input(line in/mic in), 1-ch 3.5mm audio output 1 build-in microphone[can be turned off]	1-ch 3.5mm audio input(line in/mic in), 1-ch 3.5mm audio output 1 build-in microphone[can be turned off]	With -S model: 1 input (line in), 1 output, dual-track	With -S model: 1 input (line in), 1 output, dual-track
<b>Alarm I/O</b>	With -S model: 1 input, 1 output	1 input, 1 output	1 input, 1 output	With -S model: 2 inputs, 2 outputs	With -S model: 2 inputs, 2 outputs
<b>Power Supply</b>	12 VDC ± 20%, PoE (802.3at, class 4)	12 VDC ± 25%, 24 VDC ± 25%, PoE (802.3af, class 3) Terminal block	12 VDC ± 25%, 24 VDC ± 25%, PoE (802.3af, class 3) Terminal block	12 V DC ± 20%, PoE (802.3af, class 3) Terminal block for DC Input	12 VDC ± 20%, PoE (802.3af, class 3) Terminal block for DC Input

## 3 Series

Model	DS-2CD3327G1-L(S)(U)	DS-2CD3347G1-L(S)(U)	DS-2CD3T27G1-L(S)	DS-2CD3T47G1-L(S)	DS-2CD3025G0-I(B)	DS-2CD3045G0-I(B)
Image	 <span style="color:red;">NEW</span>	 <span style="color:red;">NEW</span>	 <span style="color:red;">NEW</span>	 <span style="color:red;">NEW</span>		
Image Sensor	1/2.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/2.5" Progressive Scan CMOS
Max. Resolution	1920 × 1080	2688 × 1520	1920 × 1080	2688 × 1520	1920 × 1080	2688 × 1520
Video Compression	H.265 / H.264 / MJPEG / H.264+ / H.265+	H.265 / H.264 / MJPEG / H.264+ / H.265+	H.265 / H.264 / MJPEG / H.264+ / H.265+	H.265 / H.264 / MJPEG / H.264+ / H.265+	H.265 / H.264 / MJPEG / H.264+ / H.265+	H.265 / H.264 / MJPEG / H.264+ / H.265+
Min. Illumination	0.0035 Lux @ [F1.0, AGC ON], 0 Lux with Light	0.0014 @ [F1.0, AGC ON], 0 Lux with Light	0.0035 Lux @ [F1.0, AGC ON], 0 Lux with Light	0.0014 @ [F1.0, AGC ON], 0 Lux with Light	Color: 0.009 Lux @ [F1.6, AGC ON], 0 Lux with IR	Color: 0.014 lux @ [F1.6, AGC ON], 0 lux with IR
WDR	120 dB	120 dB	120 dB	120 dB	120 dB	120 dB
Lens	4 mm, 6 mm	4 mm, 6 mm	4 mm, 6 mm	4 mm, 6 mm	2.8, 4 or 6 mm	2.8, 4 or 6 mm
FOV	4 mm, horizontal FOV: 89°, vertical FOV: 46°, diagonal FOV: 106° 6 mm, horizontal FOV: 56°, vertical FOV: 30°, diagonal FOV: 66°	4 mm, horizontal FOV: 94°, vertical FOV: 48°, diagonal FOV: 115° 6 mm, horizontal FOV: 57°, vertical FOV: 31°, diagonal FOV: 67°	4 mm, horizontal FOV: 89°, vertical FOV: 46°, diagonal FOV: 106° 6 mm, horizontal FOV: 56°, vertical FOV: 30°, diagonal FOV: 66°	4 mm, horizontal FOV: 94°, vertical FOV: 48°, diagonal FOV: 115° 6 mm, horizontal FOV: 57°, vertical FOV: 31°, diagonal FOV: 67°	2.8 mm, horizontal field of view: 108° 4 mm, horizontal field of view: 86.4° 6 mm, horizontal field of view: 52°	2.8 mm, horizontal FOV: 109°, vertical FOV: 60°, diagonal FOV: 131° 4 mm, horizontal FOV: 88°, vertical FOV: 46°, diagonal FOV: 105° 6 mm, horizontal FOV: 53°, vertical FOV: 30°, diagonal FOV: 61°
Max. IR Range	-	-	-	-	40 m	40 m
VCA	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection, face detection, scene change detection	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection, face detection, scene change detection	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection, face detection, scene change detection	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection, face detection, scene change detection	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection, face detection, scene change detection	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection, face detection, scene change detection
Frame Rate	50Hz: 25fps [1920 × 1080, 1280 × 960, 1280 × 720] 60Hz: 30fps [1920 × 1080, 1280 × 960, 1280 × 720]	50Hz: 25fps [2688 × 1520, 2560 × 1440, 2304 × 1296, 1920 × 1080, 1280 × 720] 60Hz: 30fps [2688 × 1520, 2560 × 1440, 2304 × 1296, 1920 × 1080, 1280 × 720]	50Hz: 25fps [1920 × 1080, 1280 × 960, 1280 × 720] 60Hz: 30fps [1920 × 1080, 1280 × 960, 1280 × 720]	50Hz: 25fps [2688 × 1520, 2560 × 1440, 2304 × 1296, 1920 × 1080, 1280 × 720] 60Hz: 30fps [2688 × 1520, 2560 × 1440, 2304 × 1296, 1920 × 1080, 1280 × 720]	50Hz: 50fps [1920 × 1080, 1280 × 960, 1280 × 720] 60Hz: 60fps [1920 × 1080, 1280 × 960, 1280 × 720]	50Hz: 25fps [2688 × 1520, 2304 × 1296, 1920 × 1080, 1280 × 720] 60Hz: 30fps [2688 × 1520, 2304 × 1296, 1920 × 1080]
Multi-Streaming	3	3	3	3	3	3
Protection Level	-L/-LS: IP67 -LU/-LSU: IP66	-L/-LS: IP67 -LU/-LSU: IP66	IP67	IP67	IP67,IK10	IP67,IK10
Angle Adjustment	Pan: 0° to 360°, tilt: 0° to 75°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 75°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°
Operating Temperature	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]
Operating Humidity	95% or less	95% or less	95% or less	95% or less	95% or less	95% or less
Local Storage	128 GB	128 GB	128 GB	128 GB	128 GB	128 GB
Audio I/O	-LU: 1 in[built in mic] -LS/-LSU: 1 in, 1 out	-LU: 1 in[built in mic] -LS/-LSU: 1 in, 1 out	-LS: 1 in, 1 out	-LS: 1 in, 1 out	-	-
Alarm I/O	-LS/-LSU: 1 in, 1 out	-LS/-LSU: 1 in, 1 out	-LS: 1 in, 1 out	-LS: 1 in, 1 out	-	-
Power Supply	12 VDC ± 25%, 6 W PoE[802.3af, class 3], 7.5 W	12 VDC ± 25%, 6 W PoE[802.3af, class 3], 7.5 W	12 VDC ± 25%, 9 W PoE[802.3af, class 3], 10.5 W	12 VDC ± 25%, 9.5 W PoE[802.3af, class 3], 11 W	12 VDC ± 25%, 5W PoE[802.3af, class 3], 6.5W	12 VDC ± 25%, 6W PoE (802.3af, 37V to 57V), 7.5W

Model	DS-2CD3085G0-II(B)	DS-2CD3125G0-IS	DS-2CD3145G0-IS	DS-2CD3185G0-IS	DS-2CD3125G0-IMS	DS-2CD3185G0-IMS
<b>Image</b>						
	<b>Powered by DarkFighter</b>	<b>Powered by DarkFighter</b>	<b>Powered by DarkFighter</b>	<b>Powered by DarkFighter</b>	<b>Powered by DarkFighter</b>	<b>Powered by DarkFighter</b>
<b>Image Sensor</b>	1/2" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/2.5" Progressive Scan CMOS	1/2.5" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/2.5" Progressive Scan CMOS
<b>Max. Resolution</b>	3840 × 2160	1920 × 1080	2688 × 1520	3840 × 2160	1920 × 1080	3840 × 2160
<b>Video Compression</b>	H.265 / H.264 / MJPEG / H.264+ / H.265+	H.265 / H.264 / MJPEG / H.264+ / H.265+	H.265 / H.264 / MJPEG / H.264+ / H.265+	H.265 / H.264 / MJPEG / H.264+ / H.265+	H.265 / H.264 / MJPEG / H.264+ / H.265+	H.265 / H.264 / MJPEG / H.264+ / H.265+
<b>Min. Illumination</b>	Color: 0.014 Lux @ [F1.6, AGC ON] 0 Lux with IR	Color: 0.009 Lux @ [F1.6, AGC ON], 0 Lux with IR	Color: 0.014 lux @ [F1.6, AGC ON], 0 lux with IR	Color: 0.028 Lux @ [F2.0, AGC ON], 0 lux with IR	Color: 0.009 Lux @ [F1.6, AGC ON], 0 Lux with IR	Color: 0.028 Lux @ [F2.0, AGC ON], 0 Lux with IR
<b>WDR</b>	120 dB	120 dB	120 dB	120 dB	120 dB	120 dB
<b>Lens</b>	2.8, 4 or 6 mm	2.8, 4 or 6 mm	2.8, 4 or 6 mm	2.8, 4 or 6 mm	2.8, 4 or 6 mm	2.8, 4 or 6 mm
<b>FOV</b>	2.8 mm, horizontal FOV: 102°, vertical FOV: 55°, diagonal FOV: 120° 4 mm, horizontal FOV: 78°, vertical FOV: 43°, diagonal FOV: 92° 6 mm, horizontal FOV: 50°, vertical FOV: 27°, diagonal FOV: 59°	2.8 mm, horizontal field of view: 108° 4 mm, horizontal field of view: 86.4° 6 mm, horizontal field of view: 52°	2.8 mm, horizontal FOV: 109°, vertical FOV: 60°, diagonal FOV: 131° 4 mm, horizontal FOV: 88°, vertical FOV: 46°, diagonal FOV: 105° 6 mm, horizontal FOV: 53°, vertical FOV: 30°, diagonal FOV: 61°	2.8 mm, horizontal field of view: 102° 4 mm, horizontal field of view: 79° 6 mm, horizontal field of view: 50°	2.8mm, horizontal FOV: 108°, vertical FOV: 58°, diagonal FOV: 128° 4mm, horizontal FOV: 86°, vertical FOV: 46°, diagonal FOV: 103° 6mm, horizontal FOV: 52°, vertical FOV: 29°, diagonal FOV: 60°	2.8mm, horizontal FOV: 102°, vertical FOV: 53°, diagonal FOV: 124° 4mm, horizontal FOV: 79°, vertical FOV: 42°, diagonal FOV: 95° 6mm, horizontal FOV: 50°, vertical FOV: 28°, diagonal FOV: 59°
<b>Max. IR Range</b>	40 m	40 m	40 m	40 m	40 m	40 m
<b>VCA</b>	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection, face detection, scene change detection	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection, face detection, scene change detection	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection, face detection, scene change detection	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection, face detection, scene change detection	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection, face detection, scene change detection	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection, face detection, scene change detection
<b>Frame Rate</b>	50Hz: 20 fps [3840 × 2160], 25 fps [3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720] 60Hz: 20 fps [3840 × 2160], 30fps [3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720]	50Hz: 50fps [1920 × 1080, 1280 × 960, 1280 × 720] 60Hz: 60fps [1920 × 1080, 1280 × 960, 1280 × 720]	50Hz: 25 fps [2688 × 1520, 2304 × 1296, 1920 × 1080] 60Hz: 30 fps [2688 × 1520, 2304 × 1296, 1920 × 1080]	50Hz: 20 fps [3840 × 2160], 25 fps [3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720] 60Hz: 20 fps [3840 × 2160], 30fps [3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720]	50Hz: 50fps [1920 × 1080, 1280 × 960, 1280 × 720] 60Hz: 60fps [1920 × 1080, 1280 × 960, 1280 × 720]	50Hz: 20 fps [3840 × 2160], 25 fps [3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720] 60Hz: 20 fps [3840 × 2160], 30fps [3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720]
<b>Multi-Streaming</b>	3	3	3	3	2	2
<b>Protection Level</b>	IP67,IK10	IP67,IK10	IP67,IK10	IP67,IK10	IK10	IK10
<b>Angle Adjustment</b>	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°
<b>Operating Temperature</b>	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]	-10 °C to +40 °C [14 °F to +104 °F]	-10 °C to +40 °C [14 °F to +104 °F]
<b>Operating Humidity</b>	95% or less	95% or less	95% or less	95% or less	95% or less	95% or less
<b>Local Storage</b>	128 GB	128 GB	128 GB	128 GB	128 GB	128 GB
<b>Audio I/O</b>	-	1 in, 1 out	1 in, 1 out	1 in, 1 out	1 in, 1 out	1 in, 1 out
<b>Alarm I/O</b>	-	1 in, 1 out	1 in, 1 out	1 in, 1 out	1 in, 1 out	1 in, 1 out
<b>Power Supply</b>	12 VDC ± 25%, 6W PoE[802.3af, class 3], 7.5W	12 VDC ± 25%, 5W PoE[802.3af, class 3], 6.5W	12 VDC ± 25%, 6W PoE [802.3af, 37V to 57V], 7.5W	12 VDC ± 25%, 6.2W PoE [802.3af, class 3], 9W	12 VDC ± 20%, 7W PoE [802.3af, class 3], 8.5W	12 VDC ± 20%, 7W PoE [802.3af, class 3], 8.5W

Model	DS-2CD3325G0-I(B)	DS-2CD3345G0-I(B)	DS-2CD3385G0-I(B)	DS-2CD3525G0-IS	DS-2CD3545G0-IS
Image					
	<b>Powered by DarkFighter</b>	<b>Powered by DarkFighter</b>	<b>Powered by DarkFighter</b>	<b>Powered by DarkFighter</b>	<b>Powered by DarkFighter</b>
Image Sensor	1/2.8" Progressive Scan CMOS	1/2.5" Progressive Scan CMOS	1/2" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/2.5" Progressive Scan CMOS
Max. Resolution	1920 × 1080	2688 × 1520	3840 × 2160	1920 × 1080	2688 × 1520
Video Compression	H.265 / H.264 / MJPEG / H.264+ / H.265+	H.265 / H.264 / MJPEG / H.264+ / H.265+	H.265 / H.264 / MJPEG / H.264+ / H.265+	H.265 / H.264 / MJPEG / H.264+ / H.265+	H.265 / H.264 / MJPEG / H.264+ / H.265+
Min. Illumination	Color: 0.009 Lux @ (F1.6, AGC ON), 0 Lux with IR	Color: 0.014 lux @ (F1.6, AGC ON), 0 lux with IR	Color: 0.014 Lux @ (F1.6, AGC ON), 0 Lux with IR	Color: 0.009 Lux @ (F1.6, AGC ON), 0 Lux with IR	Color: 0.014 lux @ (F1.6, AGC ON), 0 lux with IR
WDR	120 dB	120 dB	120 dB	120 dB	120 dB
Lens	2.8, 4 or 6 mm	2.8, 4 or 6 mm	2.8, 4 or 6 mm	2.8, 4 or 6 mm	2.8, 4 or 6 mm
FOV	2.8 mm, horizontal field of view: 108° 4 mm, horizontal field of view: 86.4° 6 mm, horizontal field of view: 52°	2.8 mm, horizontal FOV: 109°, vertical FOV: 60°, diagonal FOV: 131° 4 mm, horizontal FOV: 88°, vertical FOV: 46°, diagonal FOV: 105° 6 mm, horizontal FOV: 53°, vertical FOV: 30°, diagonal FOV: 61°	2.8 mm, horizontal FOV: 102°, vertical FOV: 55°, diagonal FOV: 120° 4 mm, horizontal FOV: 78°, vertical FOV: 43°, diagonal FOV: 92° 6 mm, horizontal FOV: 50°, vertical FOV: 27°, diagonal FOV: 59°	2.8 mm: Horizontal field of view: 108°, Vertical field of view: 59°, Diagonal field of view: 129° 4 mm: Horizontal field of view: 87°, Vertical field of view: 45°, Diagonal field of view: 102° 6 mm: Horizontal field of view: 53°, Vertical field of view: 29°, Diagonal field of view: 60°	2.8 mm, horizontal FOV: 109°, vertical FOV: 60°, diagonal FOV: 131° 4 mm, horizontal FOV: 88°, vertical FOV: 46°, diagonal FOV: 105° 6 mm, horizontal FOV: 53°, vertical FOV: 30°, diagonal FOV: 61°
Max. IR Range	40 m	40 m	40 m	15 m	15 m
VCA	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection, face detection, scene change detection	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection, face detection, scene change detection	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection, face detection, scene change detection	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection, face detection, scene change detection	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection, face detection, scene change detection
Frame Rate	50Hz: 50fps [1920 × 1080, 1280 × 960, 1280 × 720] 60Hz: 60fps [1920 × 1080, 1280 × 960, 1280 × 720]	50Hz: 25 fps [2688 × 1520, 2304 × 1296, 1920 × 1080] 60Hz: 30 fps [2688 × 1520, 2304 × 1296, 1920 × 1080]	50Hz: 20 fps [3840 × 2160], 25 fps [3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720] 60Hz: 20 fps [3840 × 2160], 30fps [3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720]	50Hz: 50fps [1920 × 1080, 1280 × 960, 1280 × 720] 60Hz: 60fps [1920 × 1080, 1280 × 960, 1280 × 720]	50Hz: 25fps [2688 × 1520, 2304 × 1296, 1920 × 1080] 60Hz: 30fps [2688 × 1520, 2304 × 1296, 1920 × 1080]
Multi-Streaming	3	3	3	3	3
Protection Level	IP67	IP67	IP67	IP66, IK08	IP66, IK08
Angle Adjustment	Pan: 0° to 360°, tilt: 0° to 75°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 75°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 75°, rotate: 0° to 360°	Pan: -30° to +30°, tilt: 0° to 75°, rotate: 0° to 360°	Pan: -30° to +30°, tilt: 0° to 75°, rotate: 0° to 360°
Operating Temperature	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]
Operating Humidity	95% or less	95% or less	95% or less	95% or less	95% or less
Local Storage	128 GB	128 GB	128 GB	128 GB	128 GB
Audio I/O	-	-	-	1 built-in mic, 1 out	1 built-in mic, 1 out
Alarm I/O	-	-	-	1 in, 1 out	1 in, 1 out
Power Supply	12 VDC ± 25%, 6W PoE[802.3af, 36 – 57V, class 3], 7W	12 VDC ± 25%, 6W PoE[802.3af, 36 – 57V, class 3], 7.5W	12 VDC ± 25%, 7.5W PoE [802.3af, 37V to 57V], 9W	12 VDC ± 25%, 7.5W PoE[802.3af, 36 – 57V, class 3], 9.5W	12 VDC ± 25%, 8.5W PoE [802.3af, 36V to 57V], 10W

Model	DS-2CD362560-I2S	DS-2CD364560-I2S	DS-2CD368560-I2S	DS-2CD372560-I2S	DS-2CD374560-I2S
Image					
					
Image Sensor	1/2.8" Progressive Scan CMOS	1/2.5" Progressive Scan CMOS	1/2" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/2.5" Progressive Scan CMOS
Max. Resolution	1920 × 1080	2688 × 1520	3840 × 2160	1920 × 1080	2688 × 1520
Video Compression	H.265 / H.264 / MJPEG / H.264+ / H.265+	H.265 / H.264 / MJPEG / H.264+ / H.265+	H.265 / H.264 / MJPEG / H.264+ / H.265+	H.265 / H.264 / MJPEG / H.264+ / H.265+	H.265 / H.264 / MJPEG / H.264+ / H.265+
Min. Illumination	Color: 0.0068 Lux @ [F1.4, AGC ON], 0 Lux with IR	Color: 0.011 lux @ [F1.4, AGC ON], 0 lux with IR	Color: 0.011 Lux @ [F1.4, AGC ON]	Color: 0.0068 Lux @ [F1.4, AGC ON], 0 Lux with IR	Color: 0.011 lux @ [F1.4, AGC ON], 0 lux with IR
WDR	120 dB	120 dB	120 dB	120 dB	120 dB
Lens	2.7 to 13.5 mm	2.7 to 13.5 mm	2.7 to 13.5 mm	2.7 to 13.5 mm	2.7 to 13.5 mm
FOV	Horizontal field of view: 105° to 35° Vertical field of view: 56° to 20° Diagonal field of view: 126° to 40.5°	Horizontal FOV: 114° to 32° Vertical FOV: 59° to 18° Diagonal FOV: 141° to 36.5°	Horizontal field of view: 114° to 44° Vertical field of view: 61° to 25° Diagonal field of view: 136° to 50°	Horizontal field of view: 105° to 35° Vertical field of view: 56° to 20° Diagonal field of view: 126° to 40.5°	Horizontal field of view: 114° to 32° Vertical field of view: 59° to 18° Diagonal field of view: 141° to 36.5°
Max. IR Range	60 m	60 m	60 m	40 m	40 m
VCA	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection, face detection, scene change detection	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection, face detection, scene change detection	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection, face detection, scene change detection	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection, face detection, scene change detection	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection, face detection, scene change detection
Frame Rate	50Hz: 50fps (1920 × 1080, 1280 × 960, 1280×720) 60Hz: 60fps (1920 × 1080, 1280 × 960, 1280×720)	50Hz: 25 fps (2688 × 1520, 2304 × 1296, 1920 × 1080) 60Hz: 30 fps (2688 × 1520, 2304 × 1296, 1920 × 1080)	50Hz: 20 fps (3840 × 2160), 25 fps (3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 20 fps (3840 × 2160), 30 fps (3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720)	50Hz: 50fps (1920 × 1080, 1280 × 960, 1280×720) 60Hz: 60fps (1920 × 1080, 1280 × 960, 1280×720)	50Hz: 25 fps (2688 × 1520, 2304 × 1296, 1920 × 1080) 60Hz: 30 fps (2688 × 1520, 2304 × 1296, 1920 × 1080)
Multi-Streaming	3	3	3	3	3
Protection Level	IP66, IK10	IP66, IK10	IP66, IK10	IP66, IK10	IP66, IK10
Angle Adjustment	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°
Operating Temperature	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]
Operating Humidity	95% or less	95% or less	95% or less	95% or less	95% or less
Local Storage	128 GB	128 GB	128 GB	128 GB	128 GB
Audio I/O	1 in, 1 out	1 in, 1 out	1 in, 1 out	1 in, 1 out	1 in, 1 out
Alarm I/O	1 in, 1 out	1 in, 1 out	1 in, 1 out	1 in, 1 out	1 in, 1 out
Power Supply	12 VDC ± 25%, 15.5W PoE[802.3at, 42.5V to 57V], 17.5W	12 VDC ± 25%, 14.4W PoE[802.3at, 42.5V to 57V], 18W	12 VDC ± 25%, 14.5W PoE[802.3at, class 4], 18W	12 VDC ± 25%, 9.5W PoE[802.3af, 36V to 57V], 11W	12 VDC ± 25%, 11W PoE[802.3af, 36V to 57V], 12.5W

Model	DS-2CD378560-Izs	DS-2CD3T2560-4IS(B)	DS-2CD3T4560-4IS(B)	DS-2CD3T8560-4IS(B)	DS-2CD395560-IS	DS-2CD302360-I	DS-2CD304360-I
Image	 Powered by <b>DarkFighter</b> +	 Powered by <b>DarkFighter</b> +	 Powered by <b>DarkFighter</b> +	 Powered by <b>DarkFighter</b> +			
Image Sensor	1/2" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/2.5" Progressive Scan CMOS	1/2" Progressive Scan CMOS	1/2.5" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/3" Progressive Scan CMOS
Max. Resolution	3840 × 2160	1920 × 1080	2688 × 1520	3840 × 2160	2560 × 1920	1920 × 1080	2688 × 1520
Video Compression	H.265 / H.264 / MJPEG / H.264+ / H.265+	H.265 / H.264 / MJPEG / H.264+ / H.265+	H.265 / H.264 / MJPEG / H.264+ / H.265+	H.265 / H.264 / MJPEG / H.264+ / H.265+	H.265 / H.264 / MJPEG / H.264+ / H.265+	H.265 / H.264 / MJPEG / H.264+ / H.265+	H.265 / H.264 / MJPEG / H.264+ / H.265+
Min. Illumination	Color: 0.011 Lux @ [F1.4, AGC ON], 0 Lux with IR	Color: 0.009 Lux @ [F1.6, AGC ON], 0 Lux with IR	Color: 0.014 lux @ [F1.6, AGC ON], 0 Lux with IR	Color: 0.014 Lux @ [F1.6, AGC ON], 0 Lux with IR	Color: 0.034 Lux @ [F2.2, AGC ON], 0 Lux with IR on	Color: 0.028 Lux @ [F2.0, AGC ON], 0 Lux with IR	Color: 0.018 Lux @ [F1.6, AGC ON], 0 Lux with IR
WDR	120 dB	120 dB	120 dB	120 dB	120 dB	120 dB	120 dB
Lens	2.7 to 13.5 mm	2.8, 4 or 6 mm	2.8, 4 or 6 mm	2.8, 4 or 6 mm	1.05 mm	2.8, 4 or 6 mm	2.8, 4 or 6 mm
FOV	Horizontal field of view: 112° to 46° Vertical field of view: 60° to 26° Diagonal field of view: 133° to 53°	2.8 mm, horizontal field of view: 108° 4 mm, horizontal field of view: 86.4° 6 mm, horizontal field of view: 52°	2.8 mm, horizontal FOV: 109°, vertical FOV: 60°, diagonal FOV: 131° 4 mm, horizontal FOV: 88°, vertical FOV: 46°, diagonal FOV: 105° 6 mm, horizontal FOV: 53°, vertical FOV: 30°, diagonal FOV: 61°	2.8 mm, horizontal FOV: 102°, vertical FOV: 55°, diagonal FOV: 120° 4 mm, horizontal FOV: 78°, vertical FOV: 43°, diagonal FOV: 92° 6 mm, horizontal FOV: 50°, vertical FOV: 27°, diagonal FOV: 59°	1.05mm, horizontal FOV: 180°, vertical FOV: 180°	2.8 mm, horizontal FOV: 103°, vertical FOV: 59°, diagonal FOV: 118° 4 mm, horizontal FOV: 86°, vertical FOV: 46°, diagonal FOV: 102° 6 mm, horizontal FOV: 54°, vertical FOV: 30°, diagonal FOV: 62°	2.8 mm, horizontal FOV: 103°, vertical FOV: 58°, diagonal FOV: 123° 4 mm, horizontal FOV: 83°, vertical FOV: 45°, diagonal FOV: 99° 6 mm, horizontal FOV: 51°, vertical FOV: 29°, diagonal FOV: 58°
Max. IR Range	40 m	90 m	90 m	90 m	25 m	40 m	40 m
VCA	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection, face detection, scene change detection	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection, face detection, scene change detection	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection, face detection, scene change detection	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection, face detection, scene change detection	Line crossing detection, intrusion detection	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection, face detection, scene change detection	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection, face detection, scene change detection
Frame Rate	50Hz: 20 fps [3840 × 2160], 25 fps [3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720] 60Hz: 20 fps [3840 × 2160], 30 fps [3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720]	50Hz: 50fps [1920 × 1080, 1280 × 960, 1280 × 720] 60Hz: 60fps [1920 × 1080, 1280 × 960, 1280 × 720]	50Hz: 25 fps [2688 × 1520, 2304 × 1296, 1920 × 1080] 60Hz: 30 fps [2688 × 1520, 2304 × 1296, 1920 × 1080]	50Hz: 20 fps [3840 × 2160], 25 fps [3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720] 60Hz: 30 fps [3840 × 2160], 30 fps [3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720]	50Hz: 25fps [2560 × 1920, 2048 × 1536, 1280 × 960] 60Hz: 30fps [2560 × 1920, 2048 × 1536, 1280 × 960]	50Hz: 25fps [1920 × 1080, 1280 × 960, 1280 × 720] 60Hz: 30fps [1920 × 1080, 1280 × 960, 1280 × 720]	50Hz: 25fps [2688 × 1520, 2560 × 1440, 2304 × 1296, 1920 × 1080] 60Hz: 30fps [2688 × 1520, 2560 × 1440, 2304 × 1296, 1920 × 1080]
Multi-Streaming	3	3	3	3	2	3	3
Protection Level	IP66, IK10	IP67	IP67	IP67	-	IP67	IP67
Angle Adjustment	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°	Pan: 0° to 360°, tilt: 0° to 100°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 100°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°	-	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°
Operating Temperature	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]	-10 °C to +50 °C [14 °F to +122 °F]	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]
Operating Humidity	95% or less	95% or less	95% or less	95% or less	95% or less	95% or less	95% or less
Local Storage	128 GB	128 GB	128 GB	128 GB	128 GB	128 GB	128 GB
Audio I/O	1 in, 1 out	1 in, 1 out	1 in, 1 out	1 in, 1 out	1 in, 1 out	-	-
Alarm I/O	1 in, 1 out	1 in, 1 out	1 in, 1 out	1 in, 1 out	1 in, 1 out	-	-
Power Supply	12 VDC ± 25%, 10.5W PoE [802.3af, class 3], 12.5W	12 VDC ± 25%, 10 W; PoE, 12.5 W	12 VDC ± 25%, 11.5W PoE [802.3af, 36 - 57V, class 3], 12.9W	12 VDC ± 25%, 11W PoE [802.3af, 36-57V], 12.9W	12 VDC ± 25%, 5W PoE [802.3af, 36-57V, class 3], 6.7W	12 VDC ± 25%, 6W PoE [802.3af, 37V to 57V], 7.5W	12 VDC ± 25%, 6W PoE [802.3af, 37V to 57V], 7.5W

Model	DS-2CD3063GO-I	DS-2CD312360- <i>I</i> (S)	DS-2CD314360- <i>I</i> (S)	DS-2CD316360- <i>I</i> (S)	DS-2CD332360-I	DS-2CD334360-I
<b>Image</b>						
<b>Image Sensor</b>	1/2.9" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/3" Progressive Scan CMOS	1/2.9" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/3" Progressive Scan CMOS
<b>Max. Resolution</b>	3072 × 2048	1920 × 1080	2688 × 1520	3072 × 2048	1920 × 1080	2688 × 1520
<b>Video Compression</b>	H.265 / H.264 / MJPEG / H.264+ / H.265+	H.265 / H.264 / MJPEG / H.264+ / H.265+	H.265 / H.264 / MJPEG / H.264+ / H.265+	H.265 / H.264 / MJPEG / H.264+ / H.265+	H.265 / H.264 / MJPEG / H.264+ / H.265+	H.265 / H.264 / MJPEG / H.264+ / H.265+
<b>Min. Illumination</b>	Color: 0.028 lux @ [F2.0, AGC ON], 0 lux with IR	Color: 0.028 Lux @ [F2.0, AGC ON], 0 Lux with IR	Color: 0.018 Lux @ [F1.6, AGC ON], 0 Lux with IR	Color: 0.028 lux @ [F2.0, AGC ON], 0 lux with IR	Color: 0.028 Lux @ [F2.0, AGC ON], 0 Lux with IR	Color: 0.018 Lux @ [F1.6, AGC ON], 0 Lux with IR
<b>WDR</b>	120 dB	120 dB	120 dB	120 dB	120 dB	120 dB
<b>Lens</b>	2.8, 4 or 6 mm	2.8, 4 or 6 mm	2.8, 4 or 6 mm	2.8, 4 or 6 mm	2.8, 4 or 6 mm	2.8, 4 or 6 mm
<b>FOV</b>	2.8 mm, horizontal FOV: 97°, vertical FOV: 63°, diagonal FOV: 120° 4 mm, horizontal FOV: 78°, vertical FOV: 50°, diagonal FOV: 97° 6 mm, horizontal FOV: 60°, vertical FOV: 39°, diagonal FOV: 75°	2.8 mm, horizontal FOV: 114°, vertical FOV: 62°, diagonal FOV: 135° 4 mm, horizontal FOV: 86°, vertical FOV: 46°, diagonal FOV: 102° 6 mm, horizontal FOV: 54°, vertical FOV: 30°, diagonal FOV: 62°	2.8 mm, horizontal FOV: 103°, vertical FOV: 58°, diagonal FOV: 123° 4 mm, horizontal FOV: 83°, vertical FOV: 45°, diagonal FOV: 99° 6 mm, horizontal FOV: 51°, vertical FOV: 29°, diagonal FOV: 58°	2.8 mm, horizontal FOV: 97°, vertical FOV: 63°, diagonal FOV: 120° 4 mm, horizontal FOV: 78°, vertical FOV: 50°, diagonal FOV: 97° 6 mm, horizontal FOV: 60°, vertical FOV: 39°, diagonal FOV: 75°	2.8 mm, horizontal FOV: 114°, vertical FOV: 62°, diagonal FOV: 135° 4 mm, horizontal FOV: 86°, vertical FOV: 46°, diagonal FOV: 102° 6 mm, horizontal FOV: 54°, vertical FOV: 30°, diagonal FOV: 62°	2.8 mm, horizontal FOV: 103°, vertical FOV: 58°, diagonal FOV: 123° 4 mm, horizontal FOV: 83°, vertical FOV: 45°, diagonal FOV: 99° 6 mm, horizontal FOV: 51°, vertical FOV: 29°, diagonal FOV: 58°
<b>Max. IR Range</b>	40 m	40 m	40 m	40 m	40 m	40 m
<b>VCA</b>	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection, face detection, scene change detection	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection, face detection, scene change detection	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection, face detection, scene change detection	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection, face detection, scene change detection	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection, face detection, scene change detection	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection, face detection, scene change detection
<b>Frame Rate</b>	50Hz: 20 fps [3072 × 2048, 3072 × 1728, 2944 × 1656], 25 fps [2560 × 1440, 1920 × 1080, 1280 × 720] 60Hz: 20 fps [3072 × 2048, 3072 × 1728, 2944 × 1656], 30fps [2560 × 1440, 1920 × 1080, 1280 × 720]	50Hz: 25fps [1920 × 1080, 1280 × 960, 1280 × 720] 60Hz: 30fps [1920 × 1080, 1280 × 960, 1280 × 720]	50Hz: 25fps [2688 × 1520, 2560 × 1440, 2304 × 1296, 1920 × 1080] 60Hz: 30fps [2688 × 1520, 2560 × 1440, 2304 × 1296, 1920 × 1080]	50Hz: 20 fps [3072 × 2048, 3072 × 1728, 2944 × 1656], 25 fps [2560 × 1440, 1920 × 1080, 1280 × 720] 60Hz: 20 fps [3072 × 2048, 3072 × 1728, 2944 × 1656], 30fps [2560 × 1440, 1920 × 1080, 1280 × 720]	50Hz: 25fps [1920 × 1080, 1280 × 960, 1280 × 720] 60Hz: 30fps [1920 × 1080, 1280 × 960, 1280 × 720]	50Hz: 25fps [2688 × 1520, 2560 × 1440, 2304 × 1296, 1920 × 1080] 60Hz: 30fps [2688 × 1520, 2560 × 1440, 2304 × 1296, 1920 × 1080]
<b>Multi-Streaming</b>	3	3	3	3	3	3
<b>Protection Level</b>	IP67	IP67, IK10	IP67, IK10	IP67, IK10	IP67	IP67
<b>Angle Adjustment</b>	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°	Pan: 0° to 360°, tilt: 0° to 75°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 75°, rotate: 0° to 360°
<b>Operating Temperature</b>	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]
<b>Operating Humidity</b>	95% or less	95% or less	95% or less	95% or less	95% or less	95% or less
<b>Local Storage</b>	128 GB	128 GB	128 GB	128 GB	128 GB	128 GB
<b>Audio I/O</b>	-	With -S model: 1 in, 1 out	With -S model: 1 in, 1 out	With -S model: 1 in, 1 out	-	-
<b>Alarm I/O</b>	-	With -S model: 1 in, 1 out	With -S model: 1 in, 1 out	With -S model: 1 in, 1 out	-	-
<b>Power Supply</b>	12 VDC ± 25%, 6W PoE (802.3af, 37V to 57V), 7.5W	12 VDC ± 25%, 6W PoE (802.3af, class 3), 7.5W	12 VDC ± 25%, 6W PoE (802.3af, 37V to 57V), 7.5W	12 VDC ± 25%, 7.5W PoE (802.3af, 37V to 57V), 9W	12 VDC ± 25%, 6W PoE (802.3af, 37V to 57V), 7.5W	12 VDC ± 25%, 6W PoE (802.3af, 37V to 57V), 7.5W

Model	DS-2CD336360-I	DS-2CD362361-IZ(S)	DS-2CD364361-IZ(S)	DS-2CD366361-IZ(S)	DS-2CD3723G1-IZ(S)	DS-2CD3743G1-IZ(S)
<b>Image</b>						
<b>Image Sensor</b>	1/2.9" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/3" Progressive Scan CMOS	1/2.9" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/3" Progressive Scan CMOS
<b>Max. Resolution</b>	3072 × 2048	1920 × 1080	2688 × 1520	3072 × 2048	1920 × 1080	2688 × 1520
<b>Video Compression</b>	H.265 / H.264 / MJPEG / H.264+ / H.265+	H.265 / H.264 / MJPEG / H.264+ / H.265+	H.265 / H.264 / MJPEG / H.264+ / H.265+	H.265 / H.264 / MJPEG / H.264+ / H.265+	H.265 / H.264 / MJPEG / H.264+ / H.265+	H.265 / H.264 / MJPEG / H.264+ / H.265+
<b>Min. Illumination</b>	Color: 0.028 lux @ [F2.0, AGC ON], 0 lux with IR	Color: 0.018 Lux @ [F1.6, AGC ON], 0 Lux with IR	Color: 0.018 Lux @ [F1.6, AGC ON], 0 Lux with IR	Color: 0.018 Lux @ [F1.6, AGC ON], 0 Lux with IR	Color: 0.018 Lux @ [F1.6, AGC ON], 0 Lux with IR	Color: 0.018 Lux @ [F1.6, AGC ON], 0 Lux with IR
<b>WDR</b>	120 dB	120 dB	120 dB	120 dB	120 dB	120 dB
<b>Lens</b>	2.8, 4 or 6 mm	2.7 to 13.5 mm	2.7 to 13.5 mm	2.7 to 13.5 mm	2.7 to 13.5 mm	2.7 to 13.5 mm
<b>FOV</b>	2.8 mm, horizontal FOV: 97°, vertical FOV: 63°, diagonal FOV: 120° 4 mm, horizontal FOV: 78°, vertical FOV: 50°, diagonal FOV: 97° 6 mm, horizontal FOV: 60°, vertical FOV: 39°, diagonal FOV: 75°	horizontal FOV: 110° to 31° vertical FOV: 58° to 18° diagonal FOV: 136° to 36°	horizontal FOV: 104° to 29° vertical FOV: 55° to 17° diagonal FOV: 125° to 34°	Horizontal field of view: 88° to 27° Vertical field of view: 56° to 18° Diagonal field of view: 110° to 33°	horizontal FOV: 110° to 31° vertical FOV: 58° to 18° diagonal FOV: 136° to 36°	horizontal FOV: 104° to 29° vertical FOV: 55° to 17° diagonal FOV: 125° to 34°
<b>Max. IR Range</b>	40 m	60 m	60 m	60 m	40 m	40 m
<b>VCA</b>	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection, face detection, scene change detection	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection, face detection, scene change detection	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection, face detection, scene change detection	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection, face detection, scene change detection	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection, face detection, scene change detection	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection, face detection, scene change detection
<b>Frame Rate</b>	50Hz: 20 fps [3072 × 2048, 3072 × 1728, 2944 × 1656], 25 fps [2560 × 1440, 1920 × 1080, 1280 × 720] 60Hz: 20 fps [3072 × 2048, 3072 × 1728, 2944 × 1656], 30fps [2560 × 1440, 1920 × 1080, 1280 × 720]	50Hz: 25fps [1920 × 1080, 1280 × 960, 1280 × 720] 60Hz: 30fps [1920 × 1080, 1280 × 960, 1280 × 720]	50Hz: 25fps [2688 × 1520, 2560 × 1440, 2304 × 1296, 1920 × 1080] 60Hz: 30fps [2688 × 1520, 2560 × 1440, 2304 × 1296, 1920 × 1080]	50Hz: 20 fps [3072 × 2048, 3072 × 1728, 2944 × 1656], 25 fps [2560 × 1440, 1920 × 1080, 1280 × 720] 60Hz: 20 fps [3072 × 2048, 3072 × 1728, 2944 × 1656], 30fps [2560 × 1440, 1920 × 1080, 1280 × 720]	50Hz: 25fps [1920 × 1080, 1280 × 960, 1280 × 720] 60Hz: 30fps [1920 × 1080, 1280 × 960, 1280 × 720]	50Hz: 25fps [2688 × 1520, 2560 × 1440, 2304 × 1296, 1920 × 1080] 60Hz: 30fps [2688 × 1520, 2560 × 1440, 2304 × 1296, 1920 × 1080]
<b>Multi-Streaming</b>	3	3	3	3	3	3
<b>Protection Level</b>	IP67	IP67, IK10	IP67, IK10	IP67, IK10	IP67, IK10	IP67, IK10
<b>Angle Adjustment</b>	Pan: 0° to 360°, tilt: 0° to 75°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 355°, tilt: 0° to 90°, rotate: 0° to 355°	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°
<b>Operating Temperature</b>	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]
<b>Operating Humidity</b>	95% or less	95% or less	95% or less	95% or less	95% or less	95% or less
<b>Local Storage</b>	128 GB	128 GB	128 GB	128 GB	128 GB	128 GB
<b>Audio I/O</b>	-	With -S model: 1 in, 1 out	With -S model: 1 in, 1 out	With -S model: 1 in, 1 out	With -S model: 1 in, 1 out	With -S model: 1 in, 1 out
<b>Alarm I/O</b>	-	With -S model: 1 in, 1 out	With -S model: 1 in, 1 out	With -S model: 1 in, 1 out	With -S model: 1 in, 1 out	With -S model: 1 in, 1 out
<b>Power Supply</b>	12 VDC ± 25%, 6W PoE (802.3af, 37V to 57V), 7.5W	12 VDC ± 25%, 14.5W PoE (802.3at, 42.5V to 57V), 18W	12 VDC ± 25%, 14.5W PoE (802.3at, 42.5V to 57V), 18W	12 VDC ± 25%, 14.5W PoE (802.3at, 42.5V to 57V), 18W	12 VDC ± 25%, 10W PoE (802.3af, 37V to 57V), 12W	12 VDC ± 25%, 10W PoE (802.3af, 37V to 57V), 12W

Model	DS-2CD3T6361-IZ(S)	DS-2CD3T2360-2I(S)/4I(S)	DS-2CD3T4360-2I(S)/4I(S)	DS-2CD3T6360-2I(S)/4I(S)	DS-2CD3823GO	DS-2CD302160-I
<b>Image</b>						
<b>Image Sensor</b>	1/2.9" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/3" Progressive Scan CMOS	1/2.9" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS
<b>Max. Resolution</b>	3072 × 2048	1920 × 1080	2688 × 1520	3072 × 2048	1920 × 1080	1920 × 1080
<b>Video Compression</b>	H.265 / H.264 / MJPEG / H.264+ / H.265+	H.265 / H.264 / MJPEG / H.264+ / H.265+	H.265 / H.264 / MJPEG / H.264+ / H.265+	H.265 / H.264 / MJPEG / H.264+ / H.265+	H.265 / H.264 / MJPEG / H.264+ / H.265+	H.265 / H.264 / MJPEG / H.264+ / H.265+
<b>Min. Illumination</b>	Color: 0.018 Lux @ [F1.6, AGC ON], 0 Lux with IR	Color: 0.028 Lux @ [F2.0, AGC ON], 0 Lux with IR	Color: 0.018 Lux @ [F1.6, AGC ON], 0 Lux with IR	Color: 0.028 lux @ [F2.0, AGC ON], 0 lux with IR	Color: 0.005 Lux @ [F1.2, AGC ON]	Color: 0.028 Lux @ [F2.0, AGC ON]
<b>WDR</b>	120 dB	120 dB	120 dB	120 dB	DWDR	DWDR
<b>Lens</b>	2.7 to 13.5 mm	2.8, 4 or 6 mm	2.8, 4 or 6 mm	2.8, 4 or 6 mm	2.7 to 10 mm, 2.7 to 13 mm, or 5 to 50 mm	2.8, 4 or 6 mm
<b>FOV</b>	Horizontal field of view: 88° to 27° Vertical field of view: 56° to 18° Diagonal field of view: 110° to 33°	2.8 mm, horizontal FOV: 114°, vertical FOV: 62°, diagonal FOV: 135° 4 mm, horizontal FOV: 86°, vertical FOV: 46°, diagonal FOV: 102° 6 mm, horizontal FOV: 54°, vertical FOV: 30°, diagonal FOV: 62°	2.8 mm, horizontal FOV: 103°, vertical FOV: 58°, diagonal FOV: 123° 4 mm, horizontal FOV: 83°, vertical FOV: 45°, diagonal FOV: 99° 6 mm, horizontal FOV: 60°, vertical FOV: 29°, diagonal FOV: 75°	2.8 mm, horizontal FOV: 97°, vertical FOV: 63°, diagonal FOV: 120° 4 mm, horizontal FOV: 78°, vertical FOV: 50°, diagonal FOV: 97° 6 mm, horizontal FOV: 60°, vertical FOV: 39°, diagonal FOV: 75°	2.7 to 10 mm: horizontal FOV: 105.8° to 35.1°, vertical FOV: 55.8° to 19.7°, diagonal FOV: 126.5° to 40.3° 2.7 to 13 mm: horizontal FOV: 106.5° to 26.4°, vertical FOV: 58.4° to 14.9°, diagonal FOV: 123.6° to 30.3° 5 to 50 mm: horizontal FOV: 55.2° to 6.4°, vertical FOV: 31.1° to 3.6°, diagonal FOV: 63.2° to 7.3°	2.8mm: Horizontal FOV: 103°, vertical FOV: 59°, diagonal FOV: 118° 4 mm: Horizontal FOV: 89°, vertical FOV: 47°, diagonal FOV: 107° 6 mm: Horizontal FOV: 54°, vertical FOV: 31°, diagonal FOV: 62°
<b>Max. IR Range</b>	40 m	-2l: 60 m -4l: 90 m	-2l: 60 m -4l: 90 m	-2l: 60 m -4l: 90 m	-	30 m
<b>VCA</b>	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection, face detection, scene change detection	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection, face detection, scene change detection	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection, face detection, scene change detection	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection, face detection, scene change detection	Line crossing detection, intrusion detection	Line crossing detection, intrusion detection
<b>Frame Rate</b>	50Hz: 20 fps [3072 × 2048, 3072 × 1728, 2944 × 1656], 25 fps [2560 × 1440, 1920 × 1080, 1280 × 720] 60Hz: 20 fps [3072 × 2048, 3072 × 1728, 2944 × 1656], 30fps [2560 × 1440, 1920 × 1080, 1280 × 720]	50Hz: 25fps [1920 × 1080, 1280 × 960, 1280 × 720] 60Hz: 30fps [1920 × 1080, 1280 × 960, 1280 × 720]	50Hz: 25fps [2688 × 1520, 2560 × 1440, 2304 × 1296, 1920 × 1080] 60Hz: 30fps [2688 × 1520, 2560 × 1440, 2304 × 1296, 1920 × 1080]	50Hz: 20 fps [3072 × 2048, 3072 × 1728, 2944 × 1656], 25 fps [2560 × 1440, 1920 × 1080, 1280 × 720] 60Hz: 20 fps [3072 × 2048, 3072 × 1728, 2944 × 1656], 30fps [2560 × 1440, 1920 × 1080, 1280 × 720]	50Hz: 25fps [1920 × 1080, 1280 × 960, 1280 × 720] 60Hz: 30fps [1920 × 1080, 1280 × 960, 1280 × 720]	50Hz: 25fps [1920 × 1080, 1280 × 960, 1280 × 720] 60Hz: 30fps [1920 × 1080, 1280 × 960, 1280 × 720]
<b>Multi-Streaming</b>	3	3	3	3	3	3
<b>Protection Level</b>	IP67, IK10	IP67	IP67	IP67	-	IP67
<b>Angle Adjustment</b>	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°	Pan: 0° to 360°, tilt: 0° to 100°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 100°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 100°, rotate: 0° to 360°	-	Pan: 0° to 360°, tilt: 0° to 180°, rotate: 0° to 360°
<b>Operating Temperature</b>	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]	-10 °C to 50 °C [14 °F to 122 °F]	-30 °C to +60 °C [-22 °F to +140 °F]
<b>Operating Humidity</b>	95% or less	95% or less	95% or less	95% or less	95% or less	95% or less
<b>Local Storage</b>	128 GB	128 GB	128 GB	128 GB	128 GB	128 GB
<b>Audio I/O</b>	With -S model: 1 in, 1 out	With -S model: 1 in, 1 out	With -S model: 1 in, 1 out	With -S model: 1 in, 1 out	1 in, 1 out, 1 mic in	-
<b>Alarm I/O</b>	With -S model: 1 in, 1 out	With -S model: 1 in, 1 out	With -S model: 1 in, 1 out	With -S model: 1 in, 1 out	1 in, 1 out	-
<b>Power Supply</b>	12 VDC ± 25%, 10W PoE (802.3af, 36V to 57V), 12W	2l:12 VDC ± 25%, 7.5W PoE (802.3af, class 3), 9.5W 4l:12 VDC ± 25%, 11.5W PoE (802.3af, class 3), 12.5W	2l:12 VDC ± 25%, 7.5W PoE (802.3af, class 3), 9.5W 4l:12 VDC ± 25%, 11.5W PoE (802.3af, class 3), 12.5W	2l:12 VDC ± 25%, 7W PoE (802.3af, class 3), 8.5W 4l:12 VDC ± 25%, 10W PoE (802.3af, class 3), 12W	DC: 12 V ± 25% AC: 24 V ± 20% PoE (802.3af, class 3), two-core terminal block	12 VDC ± 25%, PoE (802.3af, class 3) DORI Distance

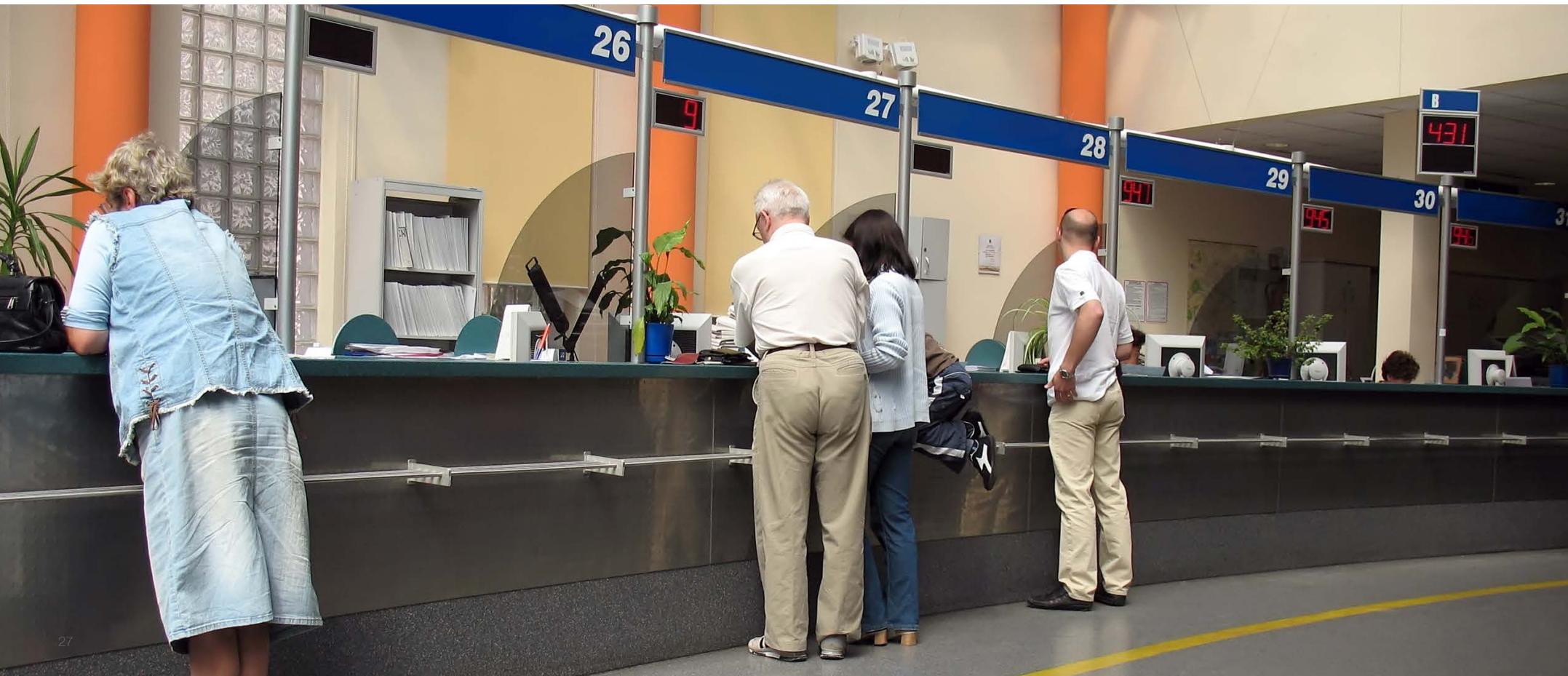
Model	DS-2CD3021G0-IU	DS-2CD3041G0-I	DS-2CD3121G0-I	DS-2CD3141G0-I	DS-2CD3321G0-IU
Image					
Image Sensor	1/2.8" Progressive Scan CMOS	1/3" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/3" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS
Max. Resolution	1920 × 1080	2560 × 1440	1920 × 1080	2560 × 1440	1920 × 1080
Video Compression	H.265 / H.264 / MJPEG / H.264+ / H.265+	H.265 / H.264 / MJPEG / H.264+ / H.265+	H.265 / H.264 / MJPEG / H.264+ / H.265+	H.265 / H.264 / MJPEG / H.264+ / H.265+	H.265 / H.264 / MJPEG / H.264+ / H.265+
Min. Illumination	Color: 0.028 Lux @ [F2.0, AGC ON]	Color: 0.018 Lux @ [F1.6, AGC ON]	Color: 0.028 Lux @ [F2.0, AGC ON]	Color: 0.018 Lux @ [F1.6, AGC ON]	Color: 0.028 Lux @ [F2.0, AGC ON]
WDR	DWDR	DWDR	DWDR	DWDR	DWDR
Lens	2.8 mm, 4 mm	2.8, 4 or 6 mm	2.8, 4 or 6 mm	2.8, 4 or 6 mm	2.8 mm, 4 mm
FOV	2.8 mm, horizontal FOV 112°, vertical FOV 60°, diagonal FOV 132° 4 mm, horizontal FOV 86°, vertical FOV 47°, diagonal FOV 103°	2.8 mm, horizontal FOV 98°, vertical FOV 53°, diagonal FOV 115° 4 mm, horizontal FOV 75°, vertical FOV 41°, diagonal FOV 88° 6 mm, horizontal FOV 49°, vertical FOV 26°, diagonal FOV 57°	2.8mm: Horizontal FOV: 112°, vertical FOV: 60°, diagonal FOV: 132° 4 mm: Horizontal FOV: 89°, vertical FOV: 47°, diagonal FOV: 107° 6 mm: Horizontal FOV: 54°, vertical FOV: 31°, diagonal FOV: 62°	2.8 mm, horizontal FOV 98°, vertical FOV 53°, diagonal FOV 115° 4 mm, horizontal FOV 75°, vertical FOV 41°, diagonal FOV 88° 6 mm, horizontal FOV 49°, vertical FOV 26°, diagonal FOV 57°	2.8 mm, horizontal FOV 112°, vertical FOV 60°, diagonal FOV 132° 4 mm, horizontal FOV 86°, vertical FOV 47°, diagonal FOV 103°
Max. IR Range	30 m	30 m	30 m	30 m	30 m
VCA	Line crossing detection, intrusion detection	Line crossing detection, intrusion detection	Line crossing detection, intrusion detection	Line crossing detection, intrusion detection	Line crossing detection, intrusion detection
Frame Rate	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 20fps (2560 × 1440), 25fps (2304 × 1296, 1920 × 1080, 1280 × 720) 60Hz: 20fps (2560 × 1440), 30fps (2304 × 1296, 1920 × 1080, 1280 × 720)	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 20fps (2560 × 1440), 25fps (2304 × 1296, 1920 × 1080, 1280 × 720) 60Hz: 20fps (2560 × 1440), 30fps (2304 × 1296, 1920 × 1080, 1280 × 720)	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)
Multi-Streaming	3	3	3	3	3
Protection Level	IP66	IP67	IP67, IK10	IP67, IK10	IP66
Angle Adjustment	Pan: 0° to 360°, tilt: 0° to 180°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 180°, rotate: 0° to 360°	Pan: 0° to 355°, tilt: 0° to 70°	Pan: 0° to 355°, tilt: 0° to 75°	Pan: 0 to 360°, tilt: 0 to 75°, rotation: 0 to 360°
Operating Temperature	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]
Operating Humidity	95% or less	95% or less	95% or less	95% or less	95% or less
Local Storage	128 GB	128 GB	128 GB	128 GB	128 GB
Audio I/O	Built in microphone	-	-	-	Built in microphone
Alarm I/O	-	-	-	-	-
Power Supply	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)

Model	DS-2CD3621GO-IZ	DS-2CD3641GO-IZS	DS-2CD3721GO-IZ	DS-2CD3741GO-IZS
<b>Image</b>				
<b>Image Sensor</b>	1/2.8" Progressive Scan CMOS	1/3" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/3" Progressive Scan CMOS
<b>Max. Resolution</b>	1920 × 1080	2560 × 1440	1920 × 1080	2560 × 1440
<b>Video Compression</b>	H.265 / H.264 / MJPEG / H.264+ / H.265+	H.265 / H.264 / MJPEG / H.264+ / H.265+	H.265 / H.264 / MJPEG / H.264+ / H.265+	H.265 / H.264 / MJPEG / H.264+ / H.265+
<b>Min. Illumination</b>	Color: 0.018 Lux @ [F1.6, AGC ON]	Color: 0.018 Lux @ [F1.6, AGC ON]	Color: 0.018 Lux @ [F1.6, AGC ON]	Color: 0.018 Lux @ [F1.6, AGC ON]
<b>WDR</b>	DWDR	DWDR	DWDR	DWDR
<b>Lens</b>	2.7 to 13.5 mm	2.7 to 13.5 mm	2.7 to 13.5 mm	2.7 to 13.5 mm
<b>FOV</b>	Horizontal FOV: 100° to 35°, vertical FOV: 53.5° to 20°, diagonal FOV: 118° to 40.1°	Horizontal FOV 97° to 30°, vertical FOV 52° to 17°, diagonal FOV 114° to 34°	Horizontal FOV: 100° to 35°, vertical FOV: 53.5° to 20°, diagonal FOV: 118° to 40.1°	Horizontal FOV 97° to 30°, vertical FOV 52° to 17°, diagonal FOV 114° to 34°
<b>Max. IR Range</b>	40 m	40 m	40 m	40 m
<b>VCA</b>	Line crossing detection, intrusion detection	Line crossing detection, intrusion detection	Line crossing detection, intrusion detection	Line crossing detection, intrusion detection
<b>Frame Rate</b>	50Hz: 25fps [1920 × 1080, 1280 × 960, 1280 × 720] 60Hz: 30fps [1920 × 1080, 1280 × 960, 1280 × 720]	50Hz: 20fps [2560 × 1440] 25fps [2304 × 1296, 1920 × 1080, 1280 × 720] 60Hz: 20fps [2560 × 1440] 30fps [2304 × 1296, 1920 × 1080, 1280 × 720]	50Hz: 25fps [1920 × 1080, 1280 × 960, 1280 × 720] 60Hz: 30fps [1920 × 1080, 1280 × 960, 1280 × 720]	50Hz: 20fps [2560 × 1440] 25fps [2304 × 1296, 1920 × 1080, 1280 × 720] 60Hz: 20fps [2560 × 1440] 30fps [2304 × 1296, 1920 × 1080, 1280 × 720]
<b>Multi-Streaming</b>	3	3	3	3
<b>Protection Level</b>	IP67	IP67	IP67	IP67
<b>Angle Adjustment</b>	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 355°, tilt: 0° to 70°, rotate: 0° to 355°	Pan: 0° to 355°, tilt: 0° to 70°, rotate: 0° to 355°
<b>Operating Temperature</b>	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]
<b>Operating Humidity</b>	95% or less	95% or less	95% or less	95% or less
<b>Local Storage</b>	128 GB	128 GB	128 GB	128 GB
<b>Audio I/O</b>	-	1 in, 1 out	-	1 in, 1 out
<b>Alarm I/O</b>	-	1 in, 1 out	-	1 in, 1 out
<b>Power Supply</b>	12 VDC ± 25%, PoE [802.3af, class 3]	12 VDC ± 25%, PoE [802.3af, class 3]	12 VDC ± 25%, PoE [802.3af, class 3]	12 VDC ± 25%, PoE [802.3af, class 3]

# Special Series Network Cameras

Fits Anywhere, Monitors Everything

- Covert design
- Various lens options
- Deep learning face capture or ANPR (optional)
- Dual channels on one camera
- Standalone security site with solar panels and 4G connectivity



Model	DS-2CD6425G0-10	DS-2CD6425G0-20	DS-2CD6425G0-30	DS-2CD6425G0/F-11	DS-2CD6425G0/F-21
Image				 Dual-lens	 Dual-lens
Image Sensor	1/2.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS			
Max. Resolution	1920 × 1080	1920 × 1080	1920 × 1080	1920 × 1080	1920 × 1080
Video Compression	Main stream: H.265+ / H.265 / H.264+ / H.264 Sub-stream: H.265 / H.264 / MJPEG Third stream: H.265 / H.264	Main stream: H.265+ / H.265 / H.264+ / H.264 Sub-stream: H.265 / H.264 / MJPEG Third stream: H.265 / H.264	Main stream: H.265+ / H.265 / H.264+ / H.264 Sub-stream: H.265 / H.264 / MJPEG Third stream: H.265 / H.264	Main stream: H.265+ / H.265 / H.264+ / H.264 Sub-stream: H.265 / H.264 / MJPEG	Main stream: H.265+ / H.265 / H.264+ / H.264 Sub-stream: H.265 / H.264 / MJPEG
Min. Illumination	Color: 0.014 Lux @ [F2.0, AGC ON] B/W: 0.0003 Lux @ [F2.0, AGC ON]	Color: 0.014 Lux @ [F2.0, AGC ON] B/W: 0.0003 Lux @ [F2.0, AGC ON]	Color: 0.014 Lux @ [F2.0, AGC ON] B/W: 0.0003 Lux @ [F2.0, AGC ON]	Color: 0.006 Lux @ [F2.5, AGC ON] B/W: 0.003 Lux @ [F2.5, AGC ON]	Color: 0.006 Lux @ [F2.5, AGC ON] B/W: 0.003 Lux @ [F2.5, AGC ON]
WDR	120 dB	120 dB	120 dB	120 dB	120 dB
Lens	3.7 mm	2.8 or 3.7 mm	2.8, 4.0 or 6.0 mm	3.7 mm	2.8 or 3.7 mm
FOV	3.7mm:horizontal FOV 71°	2.8mm:horizontal FOV 88.2° 3.7mm:horizontal FOV 71°	2.8mm:horizontal FOV 104° 4.0mm:horizontal FOV 80° 6.0mm:horizontal FOV 50°	3.7mm:horizontal FOV 75° vertical FOV 41.5°, diagonal FOV 87°	2.8mm:horizontal FOV 94°, vertical FOV 51.5°, diagonal FOV 109° 3.7mm:horizontal FOV 75°, vertical FOV 41.5°, diagonal FOV 87°
Max. IR Range	-	-	-	-	-
VCA	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection	Channel 1: Deep learning face capture; line crossing detection, intrusion detection, region entrance, region exiting, unattended baggage, object removal; scene change detection, defocus detection, audio exception detection	Channel 1: Deep learning face capture; line crossing detection, intrusion detection, region entrance, region exiting, unattended baggage, object removal; scene change detection, defocus detection, audio exception detection
Frame Rate	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)
Multi-Streaming	3	3	3	2	2
Protection Level	-	-	-	-	-
Angle Adjustment	-	-	-	-	-
Operating Temperature	-10 °C to +40 °C [14 °F to +104 °F]	-10 °C to +40 °C [14 °F to +104 °F]	-10 °C to +40 °C [14 °F to +104 °F]	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]
Operating Humidity	5%~95%	5%~95%	5%~95%	≤ 95%	≤ 95%
Local Storage	128 GB	128 GB	128 GB	128 GB	128 GB
Audio I/O	1 in, 1 out	1 in, 1 out			
Alarm I/O	1 in, 1 out	1 in, 1 out	1 in, 1 out	2 in, 2 out	2 in, 2 out
Installation	Indoor	Indoor	Indoor	Indoor	Indoor
Power Supply	12 VDC ± 20%, two-core terminal block, PoE: (802.3af, class 2)	12 VDC ± 20%, two-core terminal block, PoE: (802.3af, class 2)	12 VDC ± 20%, two-core terminal block, PoE: (802.3af, class 2)	12 VDC + PoE, 8~36 VDC, two-core terminal block PoE (802.3at, class 4)	12 VDC + PoE, 8~36 VDC, two-core terminal block PoE (802.3at, class 4)

### Underwater Camera

Model	DS-2CD642560/F-31	DS-2CD2D2160(M)-DNF	DS-2CD2D1160(M)-DNF	Model	DS-2XC6224G0-L	DS-2XC6225G0-L
<b>Image</b>	 <span style="color: orange;">HOT</span> <span style="color: red;">NEW</span> <span style="border: 1px solid red; border-radius: 50%; padding: 2px;">Dual-lens</span>			<b>Image</b>		
<b>Image Sensor</b>	1/2.8" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	<b>Image Sensor</b>	1/2.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS
<b>Max. Resolution</b>	1920 × 1080	1920 × 1080	1280 × 960	<b>Max. Resolution</b>	1920 × 1080	1920 × 1080
<b>Video Compression</b>	Main stream: H.265+ / H.265 / H.264+ / H.264 Sub-stream: H.265 / H.264 / MJPEG	H.265 / H.264 / MJPEG	H.265 / H.264 / MJPEG	<b>Video Compression</b>	H.265+ / H.265 / H.264+ / H.264 / MJPEG	H.265 / H.264 / MJPEG
<b>Min. Illumination</b>	Color: 0.006 Lux @ [F2.5, AGC ON] B/W: 0.003 Lux @ [F2.5, AGC ON]	Without /M model: Color: 0.109 Lux @ [F2.5, AGC ON] B/W: 0.022 Lux @ [F2.5, AGC ON] With /M model: Color: 0.069 Lux @ [F2.0, AGC ON] B/W: 0.014 Lux @ [F2.0, AGC ON]	Without /M model: Color: 0.109 Lux @ [F2.5, AGC ON] B/W: 0.022 Lux @ [F2.5, AGC ON] With /M model: Color: 0.069 Lux @ [F2.0, AGC ON] B/W: 0.014 Lux @ [F2.0, AGC ON]	<b>Min. Illumination</b>	Color: 0.003 Lux @ [F2.0, AGC ON] B/W: 0.0003 Lux @ [F2.0, AGC ON], 0 lux with white light	Color: 0.003 Lux @ [F2.0, AGC ON] B/W: 0.0003 Lux @ [F2.0, AGC ON]
<b>WDR</b>	120 dB	120 dB	120 dB	<b>WDR</b>	120 dB	120 dB
<b>Lens</b>	2, 2.8 or 4 mm	Without /M model: 3.7 mm With /M model: 2.8 mm, 4 mm	Without /M model: 3.7 mm With /M model: 2.8 mm, 4 mm	<b>Lens</b>	2.0, 2.8 or 4.0 mm	2.0, 2.8 or 4.0 mm
<b>FOV</b>	2mm:horizontal FOV 132.8°, vertical FOV 77.5°, diagonal FOV 153° 2.8mm:horizontal FOV 110.5°, vertical FOV 60°, diagonal FOV 130° 4mm:horizontal FOV 86°, vertical FOV 45°, diagonal FOV 102°	Without /M model: 3.7 mm horizontal FOV: 78°, vertical FOV: 43°, diagonal FOV: 90° With /M model: 2.8 mm horizontal FOV: 114°, vertical FOV: 62°, diagonal FOV: 135° 4 mm horizontal FOV: 86°, vertical FOV: 46°, diagonal FOV: 102.5°	Without /M model: 3.7 mm horizontal FOV: 51°, vertical FOV: 38°, diagonal FOV: 64° With /M model: 2.8 mm horizontal FOV: 74°, vertical FOV: 55°, diagonal FOV: 93° 4 mm horizontal FOV: 55°, vertical FOV: 41°, diagonal FOV: 70°	<b>FOV</b>	2.0 mm @ F2.2, horizontal FOV 127.6°, vertical FOV 74.5°, diagonal FOV 145.9° 2.8 mm @ F1.6, horizontal FOV 108°, vertical FOV 56.7°, diagonal FOV 121.4° 4 mm @ F1.6, horizontal FOV 82°, vertical FOV 43.8°, diagonal FOV 96.5°	2.0 mm @ F2.0, horizontal FOV 127.6°, vertical FOV 77°, diagonal FOV 151° 2.8 mm @ F1.6, horizontal FOV 103°, vertical FOV 58.5°, diagonal FOV 127° 4 mm @ F1.6, horizontal FOV 82°, vertical FOV 46°, diagonal FOV 103°
<b>Max. IR Range</b>	-	-	-	<b>Max. White Light Range</b>	10 m	10 m
<b>VCA</b>	Channel 1: Deep learning face capture; line crossing detection, intrusion detection, region entrance, region exiting, unattended baggage, object removal; scene change detection, defocus detection, audio exception detection	Line crossing detection, intrusion detection, region entrance detection, region exit detection, unattended baggage detection, object removal detection	Line crossing detection, intrusion detection, region entrance detection, region exit detection, unattended baggage detection, object removal detection	<b>VCA</b>	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection
<b>Frame Rate</b>	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 25fps (1280 × 960, 1280 × 720) 60Hz: 30fps (1280 × 960, 1280 × 720)	<b>Frame Rate</b>	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)
<b>Multi-Streaming</b>	2	3	3	<b>Multi-Streaming</b>	3	3
<b>Protection Level</b>	L30: IP66 (2 mm: No)	-	-	<b>Protection Level</b>	IP68	IP68
<b>Angle Adjustment</b>	-	-	-	<b>Operating Temperature</b>	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)
<b>Operating Temperature</b>	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	<b>Operating Humidity</b>	≤ 95%	≤ 95%
<b>Operating Humidity</b>	≤ 95%	≤ 95%	≤ 95%	<b>Local Storage</b>	128 GB	128 GB
<b>Local Storage</b>	128 GB	N/A	N/A	<b>Audio I/O</b>	-	-
<b>Audio I/O</b>	1 in, 1 out	1 in	1 in	<b>Alarm I/O</b>	-	-
<b>Alarm I/O</b>	2 in, 2 out	N/A	N/A	<b>Installation</b>	Underwater, cable length 15 m [included]	Underwater, cable length 50 m [included]
<b>Installation</b>	Indoor	Indoor	Indoor	<b>Power Supply</b>	36 VDC ± 20%, two-core terminal block, PoE (802.3at, class 3)	36 VDC ± 20%, two-core terminal block, PoE (802.3at, class 3)
<b>Power Supply</b>	12 VDC + PoE, 8~36 VDC, two-core terminal block PoE (802.3at, class 4)	12 VDC ± 20%	12 VDC ± 20%			

# PTZ Dome Camera

**031** Ultra Series

**039** Special Series



# Ultra Series PTZ Cameras

Great Innovation, Inside and Out

- H.265+/H.265 codec
- 4K ultra HD
- DarkFighterX Technology
- High Resolution DarkFighter Deep-learning-based target classification algorithm for auto-tracking 2.0 and perimeter protection
- False alarm reduction
- Face capture and ANPR
- Image enhancement including rapid focus, GIS, 140 dB WDR, and extended IR
- High Zoom Ratio & Optical Image Stabilization
- IK10 & IP67
- Supports ONVIF and CGI
- Supports HIKVISION SDK and Third-Party Management Platform



DF9

Model	DS-2DF9C245IHS-DLW	DS-2DF9C435IHS-DLW
<b>Image</b>	 <b>DarkFighter X</b> + <b>Deep Learning</b>	 <b>DarkFighter X</b> + <b>Deep Learning</b>
<b>Image Sensor</b>	Dual-sensor, 1/1.8" progressive scan CMOS	Dual-sensor, 1/1.8" progressive scan CMOS
<b>Max. Resolution</b>	1920 × 1080	2688 × 1512
<b>Video Compression</b>	Main Stream: H.265+ / H.265 / H.264+ / H.264	Main Stream: H.265+ / H.265 / H.264+ / H.264
<b>Lens</b>	5.9 to 265 mm, 45x optical	5.9 to 206 mm, 35x optical
<b>Angle of View</b>	Horizontal field of view: 58.9° to 1.7°(wide-tele) Vertical field of view: 35.3° to 0.9°(wide-tele) Diagonal field of view: 65.9° to 1.9°(wide-tele)	Horizontal field of view: 58.9° to 2.2°(wide-tele) Vertical field of view: 35.3° to 1.2°(wide-tele) Diagonal field of view: 65.9° to 2.5°(wide-tele)
<b>Min. Illumination</b>	Color: 0.0005 Lux @ [F1.6, AGC ON]	Color: 0.0005 Lux @ [F1.6, AGC ON]
<b>WDR</b>	140 dB	140 dB
<b>Max. IR Range</b>	500 m	500 m
<b>VCA</b>	Face Capture, Road Traffic, Auto tracking 3.0 (support tracking specified target types such as human and vehicle), Event tracking Filtering out mistaken alarm caused by target types such as leaf, light, animal, and flag, etc. Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection, Unattended Baggage Detection, Object Removal Detection, Audio Exception Detection	Face Capture, Road Traffic, Auto tracking 3.0 (support tracking specified target types such as human and vehicle), Event tracking Filtering out mistaken alarm caused by target types such as leaf, light, animal, and flag, etc. Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection, Unattended Baggage Detection, Object Removal Detection, Audio Exception Detection
<b>Frame Rate</b>	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 25fps (2688 × 1512, 1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (2688 × 1512, 1920 × 1080, 1280 × 960, 1280 × 720)
<b>Streams</b>	3	3
<b>Protection Level</b>	IP 67 Standard. Lightning Protection, Surge Protection and Voltage Transient Protection, ±6kV Line to Gnd, ±3kV Line to Line, IEC61000-4-5	IP 67 Standard. Lightning Protection, Surge Protection and Voltage Transient Protection, ±6kV Line to Gnd, ±3kV Line to Line, IEC61000-4-5
<b>Pan Range</b>	360° endless	360° endless
<b>Tilt Range</b>	From -25° to 90°	From -25° to 90°
<b>Pan Speed</b>	Configurable, from 0.1°/s to 210°/s, Preset Speed: 280°/s	Configurable, from 0.1°/s to 210°/s, Preset Speed: 280°/s
<b>Tilt Speed</b>	Configurable, from 0.1°/s to 150°/s Preset Speed: 250°/s	Configurable, from 0.1°/s to 150°/s Preset Speed: 250°/s
<b>Operating Temperature</b>	Outdoor: -40°C to 70°C (-40°F to 158°F)	Outdoor: -40°C to 70°C (-40°F to 158°F)
<b>Humidity</b>	≤ 95%	≤ 95%
<b>Local Storage</b>	Built-in memory card slot, support Micro SD / SDHC / SDXC, up to 256 GB	Built-in memory card slot, support Micro SD / SDHC / SDXC, up to 256 GB
<b>Audio I/O</b>	1/1	1/1
<b>Alarm I/O</b>	7/2	7/2
<b>Power</b>	36 VDC	36 VDC

DF8

Model	DS-2DF8225IH-AEL(W)	DS-2DF8225IX-AEL(W)
<b>Image</b>	 <b>DarkFighter X</b> + <b>Deep Learning</b>	 <b>DarkFighter X</b> + <b>Deep Learning</b>
<b>Image Sensor</b>	2× 1/2.8" progressive scan CMOS	1/1.8" progressive scan CMOS
<b>Max. Resolution</b>	1920 × 1080	1920 × 1080
<b>Video Compression</b>	Main Stream: H.265+ / H.265 / H.264+ / H.264	Main Stream: H.265+ / H.265 / H.264+ / H.264
<b>Lens</b>	4.8 to 120 mm, 25x optical	5.9 to 147.5 mm, 25x optical
<b>Angle of View</b>	Horizontal field of view: 58.2° to 3.2° (wide-tele) Vertical field of view: 32.7° to 1.8° (wide-tele) Diagonal field of view: 66.8° to 3.7° (wide-tele)	Horizontal field of view: 59.8° to 3.3° (wide-tele) Vertical field of view: 33.7° to 1.9° (wide-tele) Diagonal field of view: 65° to 3.8° (wide-tele)
<b>Min. Illumination</b>	Color: 0.0004 Lux @ [F1.5, AGC ON]	Color: 0.002 Lux @ [F1.5, AGC ON]
<b>WDR</b>	120 dB	140 dB
<b>Max. IR Range</b>	200 m	400 m
<b>VCA</b>	Auto tracking 2.0 (support tracking specified target types such as human and vehicle), Event tracking Filtering out mistaken alarm caused by target types such as leaf, light, animal, and flag, etc. Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection, Face Detection, Audio Exception Detection	Face Capture, Road Traffic, Auto tracking 2.0 (support tracking specified target types such as human and vehicle), Event tracking Filtering out mistaken alarm caused by target types such as leaf, light, animal, and flag, etc. Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection, Unattended Baggage Detection, Object Removal Detection, Audio Exception Detection
<b>Frame Rate</b>	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 50fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 50fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720) 60fps (1920 × 1080, 1280 × 960, 1280 × 720)
<b>Streams</b>	3	3
<b>Protection Level</b>	IP67 Standard. Lightning protection, surge protection and voltage transient protection meets IEC61000-4-2/3/4/5/6	Lightning Protection, Surge Protection and Voltage Transient Protection, ±6kV Line to Gnd, ±3kV Line to Line, IEC61000-4-5, IP67 Standard, IK10 (without wiper)
<b>Pan Range</b>	360° endless	360° endless
<b>Tilt Range</b>	From -20° to 90°	From -20° to 90°
<b>Pan Speed</b>	Configurable, from 0.1°/s to 210°/s, Preset Speed: 280°/s	Configurable, from 0.1°/s to 210°/s, Preset Speed: 280°/s
<b>Tilt Speed</b>	Configurable, from 0.1°/s to 150°/s, Preset Speed: 250°/s	Configurable, from 0.1°/s to 150°/s, Preset Speed: 250°/s
<b>Operating Temperature</b>	Temperature: -40°C to 70°C (-40°F to 158°F)	Temperature: -40°C to 70°C (-40°F to 158°F)
<b>Humidity</b>	≤ 95%	≤ 95%
<b>Local Storage</b>	Built-in memory card slot, support Micro SD / SDHC / SDXC, up to 256 GB	Built-in memory card slot, support Micro SD / SDHC / SDXC, up to 256 GB
<b>Audio I/O</b>	1/1	1/1
<b>Alarm I/O</b>	7/2	7/2
<b>Power</b>	Without wiper: 24 VAC (Max. 68 W), Hi-PoE (Max. 60 W) With Wiper: 24 VAC (Max. 70 W), Hi-PoE (Max. 60 W)	24 VAC (Max. 60 W), Hi-PoE (Max. 50 W)

Model	DS-2DF8242IX-AEL(W)	DS-2DF8250IX-AEL(W)	DS-2DF8425IX-AEL(W)	DS-2DF8442IXS-AEL(W)	DS-2DF8825IX-AEL(W)
Image	 <span style="color:red">NEW</span> <b>DarkFighter</b> + Deep Learning	 Deep Learning	 <span style="color:orange">HOT</span> <b>DarkFighter</b> + Deep Learning	 <span style="color:red">NEW</span> <b>DarkFighter</b> + Deep Learning	 Deep Learning
Image Sensor	1/1.8" progressive scan CMOS	2/3" progressive scan CMOS			
Max. Resolution	1920 × 1080	1920 × 1080	2560 × 1440	2560 × 1440	4096 × 2160
Video Compression	Main Stream: H.265+ / H.265 / H.264+ / H.264	Main Stream: H.265+ / H.265 / H.264+ / H.264	Main Stream: H.265+ / H.265 / H.264+ / H.264	Main Stream: H.265+ / H.265 / H.264+ / H.264	Main Stream: H.265+ / H.265 / H.264+ / H.264
Lens	6.0 to 252 mm, 42x optical	6.0 to 300 mm, 50x optical	5.9 to 147.5 mm, 25x optical	6.0 to 252 mm, 42x optical	7.5 to 187.5 mm, 25x optical
Angle of View	Horizontal field of view: 56.6° to 1.7° (wide-tele), Vertical field of view: 33.7° to 0.9° (wide-tele), Diagonal field of view: 63.4° to 1.9° (wide-tele)	Horizontal field of view: 56.6° to 1.4° (wide-tele), Vertical field of view: 33.7° to 0.8° (wide-tele), Diagonal field of view: 63.4° to 1.6° (wide-tele)	Horizontal field of view: 59.8° to 3.3° (wide-tele), Vertical field of view: 33.7° to 1.9° (wide-tele), Diagonal field of view: 65° to 3.8° (wide-tele)	Horizontal field of view: 56.6° to 1.7° (wide-tele), Vertical field of view: 33.7° to 0.9° (wide-tele), Diagonal field of view: 63.4° to 1.9° (wide-tele)	Horizontal field of view: 56.1° to 3.0° (wide-tele) Vertical field of view: 33.4° to 1.7° (wide-tele) Diagonal field of view: 62.9° to 3.4° (wide-tele)
Min. Illumination	Color: 0.002 Lux @ [F1.2, AGC ON]	Color: 0.002 Lux @ [F1.2, AGC ON]	Color: 0.002 Lux @ [F1.5, AGC ON]	Color: 0.002 Lux @ [F1.2, AGC ON]	Color: 0.005 Lux @ [F1.5, AGC ON]
WDR	140 dB	140 dB	140 dB	140 dB	DWDR
Max. IR Range	400 m	500 m	500 m	500 m	200 m
VCA	Face Capture, Road Traffic, Auto tracking 2.0 (support tracking specified target types such as human and vehicle), Event tracking Filtering out mistaken alarm caused by target types such as leaf, light, animal, and flag, etc. Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection, Unattended Baggage Detection, Object Removal Detection, Audio Exception Detection	Face Capture, Road Traffic, Auto tracking 2.0 (support tracking specified target types such as human and vehicle), Event tracking Filtering out mistaken alarm caused by target types such as leaf, light, animal, and flag, etc. Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection, Unattended Baggage Detection, Object Removal Detection, Audio Exception Detection	Face Capture, Road Traffic, Auto tracking 2.0 (support tracking specified target types such as human and vehicle), Event tracking Filtering out mistaken alarm caused by target types such as leaf, light, animal, and flag, etc. Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection, Unattended Baggage Detection, Object Removal Detection, Audio Exception Detection	Face Capture, Road Traffic, Auto tracking 3.0 (support tracking specified target types such as human and vehicle), Event tracking Filtering out mistaken alarm caused by target types such as leaf, light, animal, and flag, etc. Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection, Unattended Baggage Detection, Object Removal Detection, Audio Exception Detection	Intrusion, Line Crossing, Region Entrance, Region Exiting, Auto tracking 2.0 (Support alarm triggering by specified target types [human and vehicle]) Filtering out mistaken alarm caused by target types such as leaf, light, animal, and flag, etc. Unattended Baggage Detection, Object Removal Detection, Face Detection, Audio Exception Detection
Frame Rate	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 50fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720) 60fps (1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 50fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720) 60fps (1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 25fps (2560 × 1440, 1920 × 1080, 1280 × 960, 1280 × 720) 50fps (2560 × 1440, 1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (2560 × 1440, 1920 × 1080, 1280 × 960, 1280 × 720) 60fps (2560 × 1440, 1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 25fps (2560 × 1440, 1920 × 1080, 1280 × 960, 1280 × 720) 50fps (2560 × 1440, 1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (2560 × 1440, 1920 × 1080, 1280 × 960, 1280 × 720) 60fps (2560 × 1440, 1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 25fps (4096 × 2160, 3840 × 2160, 3072 × 1728, 2560 × 1440, 2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720) 50fps (2560 × 1440, 1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (2560 × 1440, 1920 × 1080, 1280 × 960, 1280 × 720) 60fps (2560 × 1440, 1920 × 1080, 1280 × 960, 1280 × 720)
Streams	3	3	3	3	3
Protection Level	Lightning Protection, Surge Protection and Voltage Transient Protection, ±6kV Line to Gnd, ±3kV Line to Line, IEC61000-4-5, IP67 Standard, IK10[without wiper]	Lightning Protection, Surge Protection and Voltage Transient Protection, ±6kV Line to Gnd, ±3kV Line to Line, IEC61000-4-5, IP67 Standard, IK10[without wiper]	Lightning Protection, Surge Protection and Voltage Transient Protection, ±6kV Line to Gnd, ±3kV Line to Line, IEC61000-4-5, IP67 Standard, IK10[without wiper]	Lightning Protection, Surge Protection and Voltage Transient Protection, ±6kV Line to Gnd, ±3kV Line to Line, IEC61000-4-5, IP67 Standard, IK10[without wiper]	IP67 Standard, IK10 [only supported by camera without wiper], 6,000V Lightning Protection, Surge Protection and Voltage Transient Protection
Pan Range	360° endless	360° endless	360° endless	360° endless	360° endless
Tilt Range	From -20° to 90°	From -20° to 90°			
Pan Speed	Configurable, from 0.1°/s to 210°/s, Preset Speed: 280°/s	Configurable, from 0.1°/s to 210°/s, Preset Speed: 280°/s	Configurable, from 0.1°/s to 210°/s, Preset Speed: 280°/s	Configurable, from 0.1°/s to 210°/s, Preset Speed: 280°/s	Configurable, from 0.1°/s to 210°/s, Preset Speed: 280°/s
Tilt Speed	Configurable, from 0.1°/s to 150°/s, Preset Speed: 250°/s	Configurable, from 0.1°/s to 150°/s, Preset Speed: 250°/s	Configurable, from 0.1°/s to 150°/s, Preset Speed: 250°/s	Configurable, from 0.1°/s to 150°/s, Preset Speed: 250°/s	Configurable, from 0.1°/s to 150°/s, Preset Speed: 250°/s
Operating Temperature	Temperature: -40°C to 70°C (-40°F to 158°F)	Outdoor: -40°C to 70°C (-40°F to 158°F)			
Humidity	≤ 95%	≤ 95%	≤ 95%	≤ 95%	≤ 95%
Local Storage	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB
Audio I/O	1/1	1/1	1/1	1/1	1/1
Alarm I/O	7/2	7/2	7/2	7/2	7/2
Power	24 VAC [Max. 60 W], Hi-PoE [Max. 50 W]	24 VAC [Max. 60 W], Hi-PoE [Max. 50 W]	24 VAC [Max. 60 W], Hi-PoE [Max. 50 W]	24 VAC [Max. 60 W], Hi-PoE [Max. 50 W]	24 VAC [Max. 60 W], Hi-PoE [Max. 50 W]

Model	DS-2DF8836IX-AEL(W)	DS-2DF8242I5X-AELW	DS-2DF8250I8X-AEL(W)	DS-2DF8836I5X-AELW	DS-2DF8A442IXS-AEL
Image		<span style="color:red;">NEW</span>			<span style="color:red;">NEW</span>
Image Sensor	2/3" progressive scan CMOS	1/1.8" progressive scan CMOS	1/1.8" progressive scan CMOS	2/3" progressive scan CMOS	1/1.8" progressive scan CMOS
Max. Resolution	4096 × 2160	1920 × 1080	1920 × 1080	4096 × 2160	2560 × 1440
Video Compression	Main Stream: H.265+ / H.265 / H.264+ / H.264	Main Stream: H.265+ / H.265 / H.264+ / H.264	Main Stream: H.265+ / H.265 / H.264+ / H.264	Main Stream: H.265+ / H.265 / H.264+ / H.264	Main Stream: H.265+ / H.265 / H.264+ / H.264
Lens	7.5 to 270 mm, 36x optical	6.0 to 252 mm, 42x optical	6.0 to 300 mm, 50x optical	7.5 to 270 mm, 36x optical	6.0 to 252 mm, 42x optical
Angle of View	Horizontal field of view: 56.1° to 2.0° (wide-tele) Vertical field of view: 33.4° to 1.1° (wide-tele) Diagonal field of view: 62.9° to 2.3° (wide-tele)	Horizontal field of view: 56.6° to 1.7° (wide-tele), Vertical field of view: 33.7° to 0.9° (wide-tele), Diagonal field of view: 63.4° to 1.6° (wide-tele)	Horizontal field of view: 56.6° to 1.4° (wide-tele), Vertical field of view: 33.7° to 0.8° (wide-tele), Diagonal field of view: 63.4° to 1.6° (wide-tele)	Horizontal field of view: 56.1° to 2.0° (wide-tele) Vertical field of view: 33.4° to 1.1° (wide-tele) Diagonal field of view: 62.9° to 2.3° (wide-tele)	Horizontal field of view: 56.6° to 1.7° (wide-tele), Vertical field of view: 33.7° to 0.9° (wide-tele), Diagonal field of view: 63.4° to 1.9° (wide-tele)
Min. Illumination	Color: 0.005 Lux @ [F1.5, AGC ON]	Color: 0.002 Lux @ [F1.2, AGC ON]	Color: 0.002 Lux @ [F1.2, AGC ON]	Color: 0.005 Lux @ [F1.5, AGC ON]	Color: 0.002 Lux @ [F1.2, AGC ON]
WDR	DWDR	140 dB	140 dB	DWDR	140 dB
Max. IR Range	200 m	500 m	800 m	500 m	500 m
VCA	Intrusion, Line Crossing, Region Entrance, Region Exiting, Auto tracking 2.0 (Support alarm triggering by specified target types (human and vehicle)) Filtering out mistaken alarm caused by target types such as leaf, light, animal, and flag, etc.) Unattended Baggage Detection, Object Removal Detection, Face Detection, Audio Exception Detection	Face Capture, Road Traffic, Auto tracking 2.0 (Support tracking specified target types such as human and vehicle), Event tracking Filtering out mistaken alarm caused by target types such as leaf, light, animal, and flag, etc. Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection, Unattended Baggage Detection, Object Removal Detection, Audio Exception Detection	Face Capture, Road Traffic, Auto tracking 2.0 (Support tracking specified target types such as human and vehicle), Event tracking Filtering out mistaken alarm caused by target types such as leaf, light, animal, and flag, etc. Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection, Unattended Baggage Detection, Object Removal Detection, Audio Exception Detection	Intrusion, Line Crossing, Region Entrance, Region Exiting, Auto tracking 2.0 (Support alarm triggering by specified target types (human and vehicle)) Reduce mistaken alarm caused by target types such as leaf, light, animal, and flag, etc. Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection, Unattended Baggage Detection, Object Removal Detection, Face Detection, Audio Exception Detection	Intrusion, Line Crossing, Region Entrance, Region Exiting, Auto tracking 2.0 (Support tracking specified target types such as human and vehicle), Event tracking Filtering out mistaken alarm caused by target types such as leaf, light, animal, and flag, etc. Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection, Unattended Baggage Detection, Object Removal Detection, Face Detection, Audio Exception Detection
Frame Rate	50Hz: 25fps (4096 × 2160, 3840 × 2160, 3072 × 1728, 2560 × 1440, 2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (4096 × 2160, 3840 × 2160, 3072 × 1728, 2560 × 1440, 2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 50fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720) 60fps (1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 50fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720) 60fps (1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 25fps (4096 × 2160, 3840 × 2160, 3072 × 1728, 2560 × 1440, 2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720) 50fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (4096 × 2160, 3840 × 2160, 3072 × 1728, 2560 × 1440, 2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720) 60fps (1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 25fps (2560 × 1440, 1920 × 1080, 1280 × 960, 1280 × 720); 50fps (2560 × 1440, 1920 × 1080, 1280 × 960, 1280 × 720); 60Hz: 30fps (2560 × 1440, 1920 × 1080, 1280 × 960, 1280 × 720); 60fps (2560 × 1440, 1920 × 1080, 1280 × 960, 1280 × 720);
Streams	3	3	3	3	3
Protection Level	IP67 Standard, IK10 (only supported by camera without wiper), 6,000V Lightning Protection, Surge Protection and Voltage Transient Protection	Lightning Protection, Surge Protection and Voltage Transient Protection, ±6kV Line to Gnd, ±3kV Line to Line, IEC61000-4-5, IP67 Standard	Lightning Protection, Surge Protection and Voltage Transient Protection, ±6kV Line to Gnd, ±3kV Line to Line, IEC61000-4-5, IP67 Standard, IK10 (without wiper)	IP67 Standard, 6,000V Lightning Protection, Surge Protection and Voltage Transient Protection	Lightning Protection, Surge Protection and Voltage Transient Protection, ±6kV Line to Gnd, ±3kV Line to Line, IEC61000-4-5, IP67 Standard, IK10
Pan Range	360° endless	360° endless	360° endless	360° endless	360° endless
Tilt Range	From -20° to 90°	From -20° to 90°	From -20° to 90°	From -20° to 90° (Auto-flip)	From -20° to 90° (Auto-flip)
Pan Speed	Configurable, from 0.1°/s to 210°/s, Preset Speed: 280°/s	Configurable, from 0.1°/s to 210°/s, Preset Speed: 280°/s	Configurable, from 0.1°/s to 210°/s, Preset Speed: 280°/s	Configurable, from 0.1°/s to 210°/s, Preset Speed: 280°/s	Configurable, from 0.1°/s to 210°/s, Preset Speed: 280°/s
Tilt Speed	Configurable, from 0.1°/s to 150°/s, Preset Speed: 250°/s	Configurable, from 0.1°/s to 150°/s, Preset Speed: 250°/s	Configurable, from 0.1°/s to 150°/s, Preset Speed: 250°/s	Configurable, from 0.1°/s to 150°/s, Preset Speed: 250°/s	Configurable, from 0.1°/s to 150°/s, Preset Speed: 250°/s
Operating Temperature	Outdoor: -40°C to 70°C (-40°F to 158°F)	Temperature: -40°C to 70°C (-40°F to 158°F)	Temperature: -40°C to 70°C (-40°F to 158°F)	Outdoor: -40°C to 70°C (-40°F to 158°F)	Temperature: -40°C to 70°C (-40°F to 158°F)
Humidity	≤ 95%	≤ 95%	≤ 95%	≤ 95%	≤ 95%
Local Storage	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB
Audio I/O	1/1	1/1	1/1	1/1	1/1
Alarm I/O	7/2	7/2	7/2	7/2	7/2
Power	24 VAC [Max. 60 W], Hi-PoE [Max. 50 W]	24 VAC [Max. 60 W], Hi-PoE [Max. 50 W]	24 VAC [Max. 60 W], Hi-PoE [Max. 50 W]	24 VAC [Max. 60 W], Hi-PoE [Max. 50 W]	24 VAC [Max. 60 W], Hi-PoE [Max. 50 W]

DF7

Model	DS-2DF8A836IX-AEL
Image	 <span style="border: 1px solid red; border-radius: 50%; padding: 2px;">Deep Learning</span>
Image Sensor	2/3" progressive scan CMOS
Max. Resolution	4096 × 2160
Video Compression	Main Stream: H.265+ / H.265 / H.264+ / H.264
Lens	7.5 to 270 mm, 36x optical
Angle of View	Horizontal field of view: 56.1° to 2.0° (wide-tele) Vertical field of view: 33.4° to 1.1° (wide-tele) Diagonal field of view: 62.9° to 2.3° (wide-tele)
Min. Illumination	Color: 0.005 Lux @ (F1.5, AGC ON)
WDR	DWDR
Max. IR Range	250 m
VCA	Face Capture, Auto tracking 2.0 (support tracking specified target types such as human and vehicle), Event tracking Filtering out mistaken alarm caused by target types such as leaf, light, animal, and flag, etc. Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection, Unattended Baggage Detection, Object Removal Detection, Audio Exception Detection 50Hz: 25fps (4096 × 2160, 3840 × 2160, 3072 × 1728, 2560 × 1440, 2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (4096 × 2160, 3840 × 2160, 3072 × 1728, 2560 × 1440, 2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720)
Frame Rate	3
Streams	IP67 Standard, IK10, 6000V Lightning Protection, Surge Protection and Voltage Transient Protection
Protection Level	360° endless
Pan Range	From -20° to 90°
Tilt Range	Configurable, from 0.1°/s to 210°/s, Preset Speed: 280°/s
Pan Speed	Configurable, from 0.1°/s to 150°/s, Preset Speed: 250°/s
Tilt Speed	Configurable, from 0.1°/s to 210°/s, Preset Speed: 280°/s
Operating Temperature	Outdoor: -40°C to 70°C (-40°F to 158°F)
Humidity	≤ 95%
Local Storage	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB
Audio I/O	1/1
Alarm I/O	7/2
Power	24 VAC [Max. 60 W], Hi-PoE [Max. 50 W]

Model	DS-2DF7225IX-AEL(W)	DS-2DF7232IX-AEL(W)
Image	 <span style="border: 1px solid red; border-radius: 50%; padding: 2px;">DarkFighter</span> + <span style="border: 1px solid red; border-radius: 50%; padding: 2px;">Deep Learning</span>	 <span style="border: 1px solid red; border-radius: 50%; padding: 2px;">DarkFighter</span> + <span style="border: 1px solid red; border-radius: 50%; padding: 2px;">Deep Learning</span>
Image Sensor	1/2.8" progressive scan CMOS	1/2.8" progressive scan CMOS
Resolution	1920 × 1080	1920 × 1080
Video Compression	Main Stream: H.265+ / H.265 / H.264+ / H.264	Main Stream: H.265+ / H.265 / H.264+ / H.264
Lens	4.8 to 120 mm, 25x optical	4.8 to 153 mm, 32x optical
Angle of View	Horizontal field of view: 58.4° to 2.7° (wide-tele) Vertical field of view: 33.8° to 1.5° (wide-tele) Diagonal field of view: 65.6° to 3.1° (wide-tele)	Horizontal field of view: 58.4° to 2.14° (wide-tele) Vertical field of view: 33.8° to 1.2° (wide-tele) Diagonal field of view: 65.6° to 2.46° (wide-tele)
Min. Illumination	Color: 0.002 Lux @ (F1.2, AGC ON)	Color: 0.002 Lux @ (F1.2, AGC ON)
WDR	120 dB	120 dB
Max. IR Range	300 m	300 m
VCA	Face Capture, Road Traffic, Auto tracking 2.0 (support tracking specified target types such as human and vehicle), Event tracking Filtering out mistaken alarm caused by target types such as leaf, light, animal, and flag, etc. Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection, Unattended Baggage Detection, Object Removal Detection, Audio Exception Detection	Face Capture, Road Traffic, Auto tracking 2.0 (support tracking specified target types such as human and vehicle), Event tracking Filtering out mistaken alarm caused by target types such as leaf, light, animal, and flag, etc. Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection, Unattended Baggage Detection, Object Removal Detection, Audio Exception Detection
Frame Rate	50Hz: 50fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 60fps (1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 50fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 60fps (1920 × 1080, 1280 × 960, 1280 × 720)
Streams	3	3
Protection Level	IP66 Standard	IP66 Standard
Pan Range	360° endless	360° endless
Tilt Range	From -15° to 90°	From -15° to 90°
Pan Speed	Configurable, from 0.1°/s to 210°/s, Preset Speed: 280°/s	Configurable, from 0.1°/s to 210°/s, Preset Speed: 280°/s
Tilt Speed	Configurable, from 0.1°/s to 150°/s, Preset Speed: 250°/s	Configurable, from 0.1°/s to 150°/s, Preset Speed: 250°/s
Operating Temperature	Temperature: -40°C to 70°C (-40°F to 158°F)	Temperature: -40°C to 70°C (-40°F to 158°F)
Humidity	≤ 95%	≤ 95%
Local Storage	Built-in memory card slot, support Micro SD / SDHC / SDXC, up to 256 GB	Built-in memory card slot, support Micro SD / SDHC / SDXC, up to 256 GB
Audio I/O	1/1	1/1
Alarm I/O	7/2	7/2
Power	24 VAC [Max. 60 W], Hi-PoE [Max. 50 W]	24 VAC [Max. 60 W], Hi-PoE [Max. 50 W]

DF6

Model	DS-2DF6225X-AEL
Image	 <span style="border: 1px solid red; border-radius: 50%; padding: 2px;">DarkFighter</span> + <span style="border: 1px solid red; border-radius: 50%; padding: 2px;">Deep Learning</span>
Image Sensor	1/1.8" progressive scan CMOS
Resolution	1920 × 1080
Video Compression	Main Stream: H.265+ / H.265 / H.264+ / H.264
Lens	5.9 to 147.5 mm, 25x optical zoom
Angle of View	Horizontal field of view: 59.8° to 3.3° (wide-tele), Vertical field of view: 33.7° to 1.9° (wide-tele), Diagonal field of view: 65° to 3.8° (wide-tele)
Min. Illumination	Color: 0.002 lux @ (F1.5, AGC ON)
WDR	140 dB
Max. IR Range	-
VCA	Face Capture, Road Traffic, Auto tracking 2.0 (support tracking specified target types such as human and vehicle), Event tracking Filtering out mistaken alarm caused by target types such as leaf, light, animal, and flag, etc. Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection, Unattended Baggage Detection, Object Removal Detection, Audio Exception Detection
Frame Rate	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 50fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720) 60fps (1920 × 1080, 1280 × 960, 1280 × 720)
Streams	3
Protection Level	IP66, Lightning Protection, Surge Protection and Voltage Transient Protection, ±6kV Line to Gnd, ±3kV Line to Line, IEC61000-4-5, IK10
Pan Range	360° endless
Tilt Range	From -15° to 90°
Pan Speed	Configurable, from 0.1°/s to 300°/s, preset speed: 540°/s
Tilt Speed	Configurable, from 0.1°/s to 240°/s, Preset Speed: 400°/s
Operating Temperature	Temperature: -40°C to 70°C (-40°F to 158°F)
Humidity	≤ 95%
Local Storage	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB; NAS (NFS, SMB/CIFS), ANR
Audio I/O	1/1
Alarm I/O	7/2
Power	24 VAC [Max. 60 W], Hi-PoE [Max. 50 W]

Model	DS-2DF6A225X-AEL	DS-2DF6A236X-AEL	DS-2DF6A425X-AEL	DS-2DF6A436X-AEL	DS-2DF6A825X-AEL
Image					
Image Sensor	1/1.8" progressive scan CMOS	2/3" progressive scan CMOS			
Resolution	1920 × 1080	1920 × 1080	2560 × 1440	2560 × 1440	4096 × 2160
Video Compression	Main Stream: H.265+ / H.265 / H.264+ / H.264	Main Stream: H.265+ / H.265 / H.264+ / H.264	Main Stream: H.265+ / H.265 / H.264+ / H.264	Main Stream: H.265+ / H.265 / H.264+ / H.264	Main Stream: H.265+ / H.265 / H.264+ / H.264
Lens	5.9 to 147.5 mm, 25x optical zoom	6.0 to 216 mm, 36x optical zoom	5.9 to 147.5 mm, 25x optical zoom	6.0 to 216 mm, 36x optical zoom	7.5 to 187.5 mm, 25x optical zoom
Angle of View	Horizontal field of view: 59.8° to 3.3° (wide-tele), Vertical field of view: 33.7° to 1.9° (wide-tele), Diagonal field of view: 65° to 3.8° (wide-tele)	Horizontal field of view: 56.6° to 2.0° (wide-tele), Vertical field of view: 33.7° to 1.2° (wide-tele), Diagonal field of view: 63.4° to 2.3° (wide-tele)	Horizontal field of view: 59.8° to 3.3° (wide-tele), Vertical field of view: 33.7° to 1.9° (wide-tele), Diagonal field of view: 65° to 3.8° (wide-tele)	Horizontal field of view: 56.6° to 2.0° (wide-tele), Vertical field of view: 33.7° to 1.2° (wide-tele), Diagonal field of view: 63.4° to 2.3° (wide-tele)	Horizontal field of view: 56.1° to 3.0° (Wide-Tele) Vertical field of view: 33.4° to 1.7° (Wide-Tele) Diagonal field of view: 62.9° to 3.4° (Wide-Tele)
Min. Illumination	Color: 0.002 lux @ [F1.5, AGC ON]	Color: 0.002 lux @ [F1.2, AGC ON]	Color: 0.002 lux @ [F1.5, AGC ON]	Color: 0.002 lux @ [F1.2, AGC ON]	Color: 0.005 lux @ [F1.5, AGC ON]
WDR	140 dB	140 dB	140 dB	140 dB	DWDR
Max. IR Range	-	-	-	-	-
VCA	Face Capture, Road Traffic, Auto tracking 2.0 (support tracking specified target types such as human and vehicle), Event tracking Filtering out mistaken alarm caused by target types such as leaf, light, animal, and flag, etc. Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection, Unattended Baggage Detection, Object Removal Detection, Audio Exception Detection	Face Capture, Road Traffic, Auto tracking 2.0 (support tracking specified target types such as human and vehicle), Event tracking Filtering out mistaken alarm caused by target types such as leaf, light, animal, and flag, etc. Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection, Unattended Baggage Detection, Object Removal Detection, Audio Exception Detection	Face Capture, Road Traffic, Auto tracking 2.0 (support tracking specified target types such as human and vehicle), Event tracking Filtering out mistaken alarm caused by target types such as leaf, light, animal, and flag, etc. Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection, Unattended Baggage Detection, Object Removal Detection, Audio Exception Detection	Face Capture, Road Traffic, Auto tracking 2.0 (support tracking specified target types such as human and vehicle), Event tracking Filtering out mistaken alarm caused by target types such as leaf, light, animal, and flag, etc. Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection, Unattended Baggage Detection, Object Removal Detection, Audio Exception Detection	Face Capture, Auto tracking 2.0 (support tracking specified target types such as human and vehicle), Event tracking Filtering out mistaken alarm caused by target types such as leaf, light, animal, and flag, etc. Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection, Unattended Baggage Detection, Object Removal Detection, Audio Exception Detection
Frame Rate	50Hz: 50fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 60fps (1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 50fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 60fps (1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 25fps (2560 × 1440, 1920×1080, 1280 × 960, 1280×720) 60Hz: 30fps (2560 × 1440, 1920×1080, 1280 × 960, 1280×720)	50Hz: 25fps (2560 × 1440, 1920×1080, 1280 × 960, 1280×720) 60Hz: 30fps (2560 × 1440, 1920×1080, 1280 × 960, 1280×720)	50Hz: 25fps (4096 × 2160, 3840 × 2160, 3072 × 1728, 2560 × 1440, 2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (4096 × 2160, 3840 × 2160, 3072 × 1728, 2560 × 1440, 2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720)
Streams	3	3	3	3	3
Protection Level	Lightning Protection, Surge Protection and Voltage Transient Protection, ±6 kV Line to Gnd, ± 3kV Line to Line, IEC61000-4-5, IP67 Standard, IK10	Lightning Protection, Surge Protection and Voltage Transient Protection, ±6 kV Line to Gnd, ± 3kV Line to Line, IEC61000-4-5, IP67 Standard, IK10	Lightning Protection, Surge Protection and Voltage Transient Protection, ±6 kV Line to Gnd, ± 3kV Line to Line, IEC61000-4-5, IP67 Standard, IK10	Lightning Protection, Surge Protection and Voltage Transient Protection, ±6 kV Line to Gnd, ± 3kV Line to Line, IEC61000-4-5, IP67 Standard, IK10	IP67 Standard, IK10, 6000V Lightning Protection, Surge Protection and Voltage Transient Protection
Pan Range	360° endless	360° endless	360° endless	360° endless	360° endless
Tilt Range	From -20° to 90° (auto flip)	From -20° to 90° (auto flip)			
Pan Speed	Configurable, from 0.1°/s to 300°/s, preset speed: 540°/s	Configurable, from 0.1°/s to 300°/s, preset speed: 540°/s	Configurable, from 0.1°/s to 300°/s, preset speed: 540°/s	Configurable, from 0.1°/s to 300°/s, preset speed: 540°/s	Configurable, from 0.1°/s to 350°/s, Preset Speed: 540°/s
Tilt Speed	Configurable, from 0.1°/s to 240°/s, Preset Speed: 400°/s	Configurable, from 0.1°/s to 240°/s, Preset Speed: 400°/s	Configurable, from 0.1°/s to 240°/s, Preset Speed: 400°/s	Configurable, from 0.1°/s to 240°/s, Preset Speed: 400°/s	Configurable, from 0.1°/s to 240°/s, Preset Speed: 400°/s
Operating Temperature	Temperature: -40°C to 70°C [-40°F to 158°F]	-40°C to 70°C [-40°F to 158°F]			
Humidity	≤ 90%	≤ 90%	≤ 90%	≤ 90%	≤ 95%
Local Storage	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB; NAS (NFS, SMB/CIFS), ANR	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB; NAS (NFS, SMB/CIFS), ANR	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB; NAS (NFS, SMB/CIFS), ANR	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB; NAS (NFS, SMB/CIFS), ANR	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB; NAS (NFS, SMB/CIFS), ANR
Audio I/O	1/1	1/1	1/1	1/1	1/1
Alarm I/O	7/2	7/2	7/2	7/2	7/2
Power	24 VAC [Max. 60 W], Hi-PoE [Max. 50 W]	24 VAC [Max. 60 W], Hi-PoE [Max. 50 W]	24 VAC [Max. 60 W], Hi-PoE [Max. 50 W]	24 VAC [Max. 60 W], Hi-PoE [Max. 50 W]	24 VAC [Max. 60 W], Hi-PoE [Max. 50 W]

Network Camera PZD Dome Panoramic Camera Explosion-Proof & Anti-Corrosion Series NVR Storage Center Thermal Display Commercial Decoder Controller Video Wall Software Accessories DORI Distance

DF5

Model	DS-2DF6A836X-AEL
Image	 <b>Deep Learning</b> <b>4K</b>
Image Sensor	2/3" progressive scan CMOS
Resolution	4096 × 2160
Video Compression	Main Stream: H.265+ / H.265 / H.264+ / H.264
Lens	7.5 to 270 mm, 36x optical zoom
Angle of View	Horizontal field of view: 56.1° to 2.0° (Wide-Tele) Vertical field of view: 33.4° to 1.1° (Wide-Tele) Diagonal field of view: 62.9° to 2.3° (Wide-Tele)
Min. Illumination	Color: 0.005 lux @ [F1.5, AGC ON]
WDR	DWDR
Max. IR Range	-
VCA	Face Capture, Auto tracking 2.0 [support tracking specified target types such as human and vehicle], Event tracking Filtering out mistaken alarm caused by target types such as leaf, light, animal, and flag, etc. Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection, Unattended Baggage Detection, Object Removal Detection, Audio Exception Detection
Frame Rate	50Hz: 25fps (4096 × 2160, 3840 × 2160, 3072 × 1728, 2560 × 1440, 2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (4096 × 2160, 3840 × 2160, 3072 × 1728, 2560 × 1440, 2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720)
Streams	3
Protection Level	IP67 Standard, IK10, 6000V Lightning Protection, Surge Protection and Voltage Transient Protection
Pan Range	360° endless
Tilt Range	From -20° to 90° [auto flip]
Pan Speed	Configurable, from 0.1°/s to 350°/s, preset speed: 540°/s
Tilt Speed	Configurable, from 0.1°/s to 240°/s, Preset Speed: 400°/s
Operating Temperature	-40°C to 70°C [-40°F to 158°F]
Humidity	≤ 95%
Local Storage	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB; NAS (NFS, SMB/CIFS), ANR
Audio I/O	1/1
Alarm I/O	7/2
Power	24 VAC [Max. 60 W], Hi-PoE [Max. 50 W]

DF5

Model	DS-2DF5225X-AEL(3)	DS-2DF5232X-AEL(3)
Image	 <b>DarkFighter</b> <b>Deep Learning</b>	 <b>DarkFighter</b> <b>Deep Learning</b>
Image Sensor	1/2.8" progressive scan CMOS	1/2.8" progressive scan CMOS
Resolution	1920 × 1080	1920 × 1080
Video Compression	Main Stream: H.265+ / H.265 / H.264+ / H.264	Main Stream: H.265+ / H.265 / H.264+ / H.264
Lens	4.8 to 120 mm, 25x optical	4.8 to 153 mm, 32x optical
Angle of View	Horizontal field of view: 58.4° to 2.7° [wide-tele] Vertical field of view: 33.8° to 1.2° [wide-tele] Diagonal field of view: 65.6° to 3.1° [wide-tele]	Horizontal field of view: 58.4° to 2.14° [wide-tele] Vertical field of view: 33.8° to 1.2° [wide-tele] Diagonal field of view: 65.6° to 2.46° [wide-tele]
Min. Illumination	Color: 0.002 lux @ [F1.2, AGC ON]	Color: 0.002 lux @ [F1.2, AGC ON]
WDR	120 dB	120 dB
Max. IR Range	-	-
VCA	Face Capture, Road Traffic, Auto tracking 2.0 [support tracking specified target types such as human and vehicle], Event tracking Filtering out mistaken alarm caused by target types such as leaf, light, animal, and flag, etc. Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection, Unattended Baggage Detection, Object Removal Detection, Audio Exception Detection	Face Capture, Road Traffic, Auto tracking 2.0 [support tracking specified target types such as human and vehicle], Event tracking Filtering out mistaken alarm caused by target types such as leaf, light, animal, and flag, etc. Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection, Unattended Baggage Detection, Object Removal Detection, Audio Exception Detection
Frame Rate	50Hz: 50fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 60fps (1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 50fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 60fps (1920 × 1080, 1280 × 960, 1280 × 720)
Streams	3	3
Protection Level	IP66 Standard [Outdoor], IK10	IP66 Standard [Outdoor], IK10
Pan Range	360° endless	360° endless
Tilt Range	From -15° to 90° [Auto flip]	From -15° to 90° [Auto flip]
Pan Speed	Configurable, from 0.1°/s to 300°/s, Preset Speed: 540°/s	Configurable, from 0.1°/s to 300°/s, Preset Speed: 540°/s
Tilt Speed	Configurable, from 0.1°/s to 240°/s, Preset Speed: 400°/s	Configurable, from 0.1°/s to 240°/s, Preset Speed: 400°/s
Operating Temperature	Outdoor model: -40°C to 70°C [-40°F to 158°F] Indoor model: -10°C to 50°C (14°F to 122°F)	Outdoor model: -40°C to 70°C [-40°F to 158°F] Indoor model: -10°C to 50°C (14°F to 122°F)
Humidity	≤ 95%	≤ 95%
Local Storage	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB; NAS (NFS, SMB/CIFS), ANR	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB; NAS (NFS, SMB/CIFS), ANR
Audio I/O	1/1	1/1
Alarm I/O	7/2	7/2
Power	Outdoor model: 24 VAC [Max. 60 W], Hi-PoE [Max. 50 W] Indoor model: 24 VAC [Max. 25 W], Hi-PoE [Max. 25 W]	Outdoor model: 24 VAC [Max. 60 W], Hi-PoE [Max. 50 W] Indoor model: 24 VAC [Max. 25 W], Hi-PoE [Max. 25 W]

DE7

Model	DS-2DE7225IW-AE
Image	
Image Sensor	1/2.8" progressive scan CMOS
Resolution	1920 × 1080
Video Compression	Main Stream: H.265+ / H.265 / H.264+ / H.264
Lens	4.8 to 120 mm, 25x optical
Angle of View	Horizontal field of view: 57.6° to 2.5° [Wide-Tele] Vertical field of view: 34.4° to 1.4° [Wide-Tele] Diagonal field of view: 64.5° to 2.9° [Wide-Tele]
Min. Illumination	Color: 0.005 lux @ [F1.6, AGC ON]
WDR	120 dB
Max. IR Range	20 m
VCA	Face Detection, Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection, Object Removal Detection, Unattended Baggage Detection, Audio Exception Detection
Frame Rate	50Hz: 50fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 60fps (1920 × 1080, 1280 × 960, 1280 × 720)
Streams	3
Protection Level	IP66 Standard, IK10 [excluding glass window], 4000V Lightning Protection, Surge Protection and Voltage Transient Protection
Pan Range	360° endless
Tilt Range	From -15° to 90° [Auto flip]
Pan Speed	Configurable, from 0.1°/s to 160°/s, Preset Speed: 240°/s
Tilt Speed	Configurable, from 0.1°/s to 120°/s, Preset Speed: 200°/s
Operating Temperature	-30°C to 65°C [-22°F to 149°F]
Humidity	≤ 90%
Local Storage	Built-in memory card slot, support Micro SD / SDHC / SDXC, up to 256 GB
Audio I/O	1/1
Alarm I/O	2/1
Power	24 VAC & Hi-PoE, Max.: 40 W [IR Max.19 W]

Model	DS-2DE7232IW-AE	DS-2DE7A232MW-AE(S5)	DS-2DE7A24SIX-AE/S1	DS-2DE7425IW-AE	DS-2DE7430IW-AE	DS-2DE7530IW-AE
<b>Image</b>	 <span style="color: orange;">• HOT</span>	 <span style="color: red;">• NEW</span>	 <span style="color: red;">• NEW</span>			
<b>Image Sensor Resolution</b>	1/2.8" progressive scan CMOS 1920 × 1080	1/2.8" progressive scan CMOS 1920 × 1080	1/2.8" progressive scan CMOS 1920 × 1080	1/2.8" progressive scan CMOS 2560 × 1440	1/1.9" progressive scan CMOS 2560 × 1440	1/1.9" progressive scan CMOS 2592 × 1944
<b>Video Compression</b>	Main Stream: H.265+ / H.265 / H.264+ / H.264	Main Stream: H.265+ / H.265 / H.264+ / H.264	Main Stream: H.265+ / H.265 / H.264+ / H.264	Main Stream: H.265+ / H.265 / H.264+ / H.264	Main Stream: H.265+ / H.265 / H.264+ / H.264	Main Stream: H.265+ / H.265 / H.264+ / H.264
<b>Lens</b>	4.8 to 153 mm, 32x optical	4.8 to 153 mm, 32x optical	4 to 180 mm, 45x optical	4.8 to 120 mm, 25x optical	5.9 to 177 mm, 30x optical	5.9 to 177 mm, 30x optical
<b>Angle of View</b>	Horizontal field of view: 55.6° to 2.04° (Wide-Tele) Vertical field of view: 32.4° to 1.14° (Wide-Tele) Diagonal field of view: 63° to 2.34° (Wide-Tele)	Horizontal field of view: 58.4° to 2.14° (Wide-Tele) Vertical field of view: 33.8° to 1.2° (Wide-Tele), Diagonal field of view: 65.6° to 2.46° (Wide-Tele)	Horizontal field of view: 70.3° to 1.8° (Wide-Tele) Vertical field of view: 42.2° to 1.0° (Wide-Tele) Diagonal field of view: 78.3° to 2.1° (Wide-Tele)	Horizontal field of view: 55° to 2.4° (Wide-Tele) Vertical field of view: 33° to 1.4° (Wide-Tele) Diagonal field of view: 61.5 to 2.8° (Wide-Tele)	48.8° to 2.3° (Wide-Tele)	51.3° to 2.7° (Wide-Tele)
<b>Min. Illumination</b>	Color: 0.005 lux @ [F1.6, AGC ON]	Color: 0.001 Lux @ [F1.2, AGC ON]	Color: 0.005 lux @ [F1.6, AGC ON]	Color: 0.005 lux @ [F1.6, AGC ON]	Color: 0.005 lux @ [F1.5, AGC ON]	Color: 0.005 lux @ [F1.5, AGC ON]
<b>WDR</b>	120 dB	120 dB	120 dB	120 dB	DWDR	DWDR
<b>Max. IR Range</b>	150 m	200 m	200 m	150 m	150 m	150 m
<b>VCA</b>	Face Detection, Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection, Object Removal Detection, Unattended Baggage Detection, Audio Exception Detection	Face Capture, Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection, Object Removal Detection, Unattended Baggage Detection, Audio Exception Detection	Face Detection, Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection, Object Removal Detection, Unattended Baggage Detection, Audio Exception Detection	Face Detection, Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection, Object Removal Detection, Unattended Baggage Detection, Audio Exception Detection	Face Detection, Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection, Audio Exception Detection	Face Detection, Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection, Audio Exception Detection
<b>Frame Rate</b>	50Hz: 50fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 60fps (1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 50fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720) 60fps (1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 25fps (2560 × 1440, 2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720) 50fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (2560 × 1440, 2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720) 60fps (1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 25fps (2560 × 1440, 2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720) 50fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (2592 × 1944, 2560 × 1440, 2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720) 60fps (1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 25fps (2592 × 1944, 2560 × 1440, 2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720) 50fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (2592 × 1944, 2560 × 1440, 2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720) 60fps (1920 × 1080, 1280 × 960, 1280 × 720)
<b>Streams</b>	3	3	3	3	3	3
<b>Protection Level</b>	IP66 Standard, IK10 (excluding glass window), 4000V Lightning Protection, Surge Protection and Voltage Transient Protection	IP66, IK10 (excluding glass window), 4000V Lightning Protection, Surge Protection and Voltage Transient Protection	IP66 Standard, 4000V Lightning Protection, Surge Protection and Voltage Transient Protection	IP66 Standard, 4000V Lightning Protection, Surge Protection and Voltage Transient Protection	IP66 Standard, IK10 (excluding glass window), 4000V Lightning Protection, Surge Protection and Voltage Transient Protection	IP66 Standard, 4000V Lightning Protection, Surge Protection and Voltage Transient Protection
<b>Pan Range</b>	360° endless	360° endless	360° endless	360° endless	360° endless	360° endless
<b>Tilt Range</b>	From -15° to 90° (Auto-flip)	From -15° to 90° (Auto-flip)	From -15° to 90° (Auto-flip)	From -15° to 90° (Auto Flip)	From -15° to 90° (Auto Flip)	From -15° to 90° (Auto Flip)
<b>Pan Speed</b>	Configurable, from 0.1°/s to 160°/s, Preset Speed: 240°/s	Configurable, from 0.1°/s to 160°/s, Preset Speed: 240°/s	Configurable, from 0.1°/s to 160°/s, Preset Speed: 240°/s	Configurable, from 0.1°/s to 160°/s, Preset Speed: 240°/s	Configurable, from 0.1°/s to 160°/s, Preset Speed: 240°/s	Configurable, from 0.1°/s to 160°/s, Preset Speed: 240°/s
<b>Tilt Speed</b>	Configurable, from 0.1°/s to 120°/s, Preset Speed: 200°/s	Configurable, from 0.1°/s to 120°/s, Preset Speed: 200°/s	Configurable, from 0.1°/s to 120°/s, Preset Speed: 200°/s	Configurable, from 0.1°/s to 120°/s, Preset Speed: 200°/s	Configurable, from 0.1°/s to 120°/s, Preset Speed: 200°/s	Configurable, from 0.1°/s to 120°/s, Preset Speed: 200°/s
<b>Operating Temperature</b>	-30°C to 65°C (-22°F to 149°F)	-30°C to 65°C (-22°F to 149°F)	-30°C to 65°C (-22°F to 149°F)	-30°C to 65°C (-22°F to 149°F)	-30°C to 65°C (-22°F to 149°F)	-30°C to 65°C (-22°F to 149°F)
<b>Humidity</b>	≤ 90%	≤ 90%	≤ 90%	≤ 90%	≤ 90%	≤ 90%
<b>Local Storage</b>	Built-in memory card slot, support Micro SD / SDHC / SDXC, up to 256 GB	Built-in memory card slot, support Micro SD / SDHC / SDXC, up to 256 GB	Built-in memory card slot, support Micro SD / SDHC / SDXC, up to 256 GB; NAS (NFS, SMB / CIFS), ANR	Built-in memory card slot, support Micro SD / SDHC / SDXC, up to 256 GB	Built-in memory card slot, support Micro SD / SDHC / SDXC, up to 128 GB	Built-in memory card slot, support Micro SD / SDHC / SDXC, up to 128 GB
<b>Audio I/O</b>	1/1	1/1	1/1	1/1	1/1	1/1
<b>Alarm I/O</b>	2/1	2/1	2/1	2/1	2/1	2/1
<b>Power</b>	24 VAC & Hi-PoE, Max.: 40 W [IR Max.19 W]	24 VAC & Hi-PoE, Max.: 42 W [IR Max.18 W]	24 VAC & Hi-PoE, Max.: 40 W [IR Max.16 W]	24 VAC & Hi-PoE, Max.: 40 W [IR Max.16 W]	24 VAC & Hi-PoE, Max.: 40 W [IR Max.19 W]	24 VAC & Hi-PoE, Max.: 40 W [IR Max.19 W]

# Positioning Systems

Great Innovation, Inside and Out

- Up to 1920 x 1080 resolution
- H.265+ / H.265 codec
- DarkFighter Technology
- More zoom ratio options – 4x / 20x / 23x / 30x / 36x / 50x
- Supplemental light options – IR (up to 200 m in distance),  
Laser (up to 1,000 m in distance)
- Supports ONVIF, ISAPI, and CGI
- Supports HIKVISION SDK and Third-Party Management Platform



## Positioning Systems

Model	DS-2DY9225IH-A	DS-2DY9250IAX-A(S1)	DS-2DY9250IX-A(S1)	DS-2DY9250X-A(S1)	DS-2DY9236I8X-A	DS-2DY9236IX-A
<b>Image</b>						
	<b>DarkFighter X</b>	<b>NEW</b>	<b>NEW</b>	<b>NEW</b>	<b>DarkFighter</b>	<b>DarkFighter</b>
<b>Image Sensor Resolution</b>	2 × 1/2.8" progressive scan CMOS 1920 × 1080	1/2.8" progressive scan CMOS 1920 × 1080	1/2.8" progressive scan CMOS 1920 × 1080	1/2.8" progressive scan CMOS 1920 × 1080	1/1.8" progressive scan CMOS 1920 × 1080	1/1.8" progressive scan CMOS 1920 × 1080
<b>Video Compression</b>	Main Stream: H.265+ / H.265 / H.264+ / H.264	Main Stream: H.265+ / H.265 / H.264+ / H.264	Main Stream: H.265+ / H.265 / H.264+ / H.264	Main Stream: H.265+ / H.265 / H.264+ / H.264	Main Stream: H.265+ / H.265 / H.264+ / H.264	Main Stream: H.265+ / H.265 / H.264+ / H.264
<b>Lens</b>	4.8 to 120 mm, 25x optical	6.6 to 330 mm, 50x optical	6.6 to 330 mm, 50x optical	6.6 to 330 mm, 50x optical	6.0 to 216 mm, 36x optical	6.0 to 216 mm, 36x optical
<b>Angle of View</b>	Horizontal field of view: 58.2° to 3.2° (wide-tele) Vertical field of view: 32.7° to 1.8° (wide-tele) Diagonal field of view: 66.8° to 3.7° (wide-tele)	Horizontal field of view: 41.3° to 1.1° (wide-tele) Vertical field of view: 23.6° to 0.6° (wide-tele) Diagonal field of view: 47.4° to 1.3° (wide-tele)	Horizontal field of view: 41.3° to 1.1° (wide-tele) Vertical field of view: 23.6° to 0.6° (wide-tele) Diagonal field of view: 47.4° to 1.3° (wide-tele)	Horizontal field of view: 41.3° to 1.1° (wide-tele) Vertical field of view: 23.6° to 0.6° (wide-tele) Diagonal field of view: 63.4° to 2.3° (wide-tele)	Horizontal field of view: 56.6° to 2.0° (wide-tele), Vertical field of view: 33.7° to 1.2° (wide-tele), Diagonal field of view: 63.4° to 2.3° (wide-tele)	Horizontal field of view: 56.6° to 2.0° (wide-tele), Vertical field of view: 33.7° to 1.2° (wide-tele), Diagonal field of view: 63.4° to 2.3° (wide-tele)
<b>Min. Illumination</b>	Color: 0.001 lux @ (F1.5, AGC ON)	Color: 0.05 lux @ (F1.8, AGC ON)	Color: 0.05 lux @ (F1.8, AGC ON)	Color: 0.05 lux @ (F1.8, AGC ON)	Color: 0.002 lux @ (F1.3, AGC ON)	Color: 0.002 lux @ (F1.3, AGC ON)
<b>WDR</b>	120 dB	120 dB	120 dB	120 dB	140 dB	140 dB
<b>Max. IR Range</b>	200 m	1000 m	500 m	-	800 m	400 m
<b>VCA</b>	Face Detection, Audio Exception Detection, Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection, Region Exiting Detection	Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection, Unattended Baggage detection, Object Removal Detection	Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection, Unattended Baggage detection, Object Removal Detection	Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection, Unattended Baggage detection, Object Removal Detection	Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection, Unattended Baggage Detection, Object Removal Detection, Audio Exception Detection	Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection, Unattended Baggage Detection, Object Removal Detection, Audio Exception Detection
<b>Frame Rate</b>	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 50fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 60fps (1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 50fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 60fps (1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 50fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 60fps (1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 25 fps (1920 × 1080, 1280 × 960, 1280 × 720) 50 fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30 fps (1920 × 1080, 1280 × 960, 1280 × 720) 60 fps (1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 25 fps (1920 × 1080, 1280 × 960, 1280 × 720) 50 fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30 fps (1920 × 1080, 1280 × 960, 1280 × 720) 60 fps (1920 × 1080, 1280 × 960, 1280 × 720)
<b>Streams</b>	3	3	3	3	3	3
<b>Protection Level</b>	IP66 Standard; 6000V Lightning Protection, Surge Protection and Voltage Transient Protection	IP66 Standard; 6000V Lightning Protection, Surge Protection and Voltage Transient Protection	IP66 Standard; 6000V Lightning Protection, Surge Protection and Voltage Transient Protection	IP66 Standard; 6000V Lightning Protection, Surge Protection and Voltage Transient Protection	IP66 Standard; 6000V Lightning Protection, Surge Protection and Voltage Transient Protection	IP66 Standard; 6000V Lightning Protection, Surge Protection and Voltage Transient Protection
<b>Pan Range</b>	360° endless	360° endless	360° endless	360° endless	360° endless	360° endless
<b>Tilt Range</b>	From -90° to 40°	From -90° to 40°	From -90° to 40°	From -90° to 40°	From -90° to 40°	From -90° to 40°
<b>Pan Speed</b>	Configurable, from 0.1°/s to 100°/s, Preset Speed: 100°/s	Configurable, from 0.1°/s to 100°/s, Preset Speed: 100°/s	Configurable, from 0.1°/s to 100°/s, Preset Speed: 100°/s	Configurable, from 0.1°/s to 100°/s, Preset Speed: 100°/s	Configurable, from 0.1°/s to 100°/s, Preset Speed: 100°/s	Configurable, from 0.1°/s to 100°/s, Preset Speed: 100°/s
<b>Tilt Speed</b>	Configurable, from 0.1°/s to 40°/s, Preset Speed: 40°/s	Configurable, from 0.1°/s to 50°/s, Preset Speed: 100°/s	Configurable, from 0.1°/s to 50°/s, Preset Speed: 100°/s	Configurable, from 0.1°/s to 50°/s, Preset Speed: 100°/s	Configurable, from 0.1°/s to 50°/s, Preset Speed: 100°/s	Configurable, from 0.1°/s to 50°/s, Preset Speed: 100°/s
<b>Operating Temperature</b>	-40°C to 70°C (-40°F to 158°F)	-40°C to 70°C (-40°F to 158°F)	-40°C to 70°C (-40°F to 158°F)	-40°C to 70°C (-40°F to 158°F)	-40°C to 70°C (-40°F to 158°F)	-40°C to 70°C (-40°F to 158°F)
<b>Humidity</b>	≤ 95%	≤ 95%	≤ 95%	≤ 95%	≤ 95%	≤ 95%
<b>Local Storage</b>	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB; NAS (NFS, SMB/CIFS), ANR	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB; NAS (NFS, SMB/CIFS), ANR	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB; NAS (NFS, SMB/CIFS), ANR	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB; NAS (NFS, SMB/CIFS), ANR	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB; NAS (NFS, SMB/CIFS), ANR	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB; NAS (NFS, SMB/CIFS), ANR
<b>Audio I/O</b>	1/1	1/1	1/1	1/1	1/1	1/1
<b>Alarm I/O</b>	7/2	7/2	7/2	7/2	7/2	7/2
<b>Power</b>	24 VAC [Max. 120 W]	24 VAC [Max. 120 W]	24 VAC [Max. 120 W]	24 VAC [Max. 90 W]	24 VAC [Max. 120 W]	24 VAC [Max. 120 W]

Network Camera  
 PTZ Dome Camera  
 Panoramic Camera  
 Explosion-Proof & Anti-Corrosion Series  
 NVR  
 Storage Center  
 Data Thermal Display  
 Commercial Decoder Controller  
 Video Wall Software Accessories  
 DORI Distance

Model	DS-2DY9236X-A	DS-2DY7236W-A	DS-2DY7236W-A	DS-2DY5223IW-AE	DS-2DY3220IW-DE(4)	DS-2DY3320IW-DE(4)
Image						
Image Sensor	1/1.8" progressive scan CMOS	1/1.8" progressive scan CMOS	1/1.8" progressive scan CMOS	1/1.9" progressive scan CMOS	1/2.8" progressive scan CMOS	1/2.8" progressive scan CMOS
Resolution	1920 × 1080	1920 × 1080	1920 × 1080	1920 × 1080	1920 × 1080	2048 × 1536
Video Compression	Main Stream: H.265+ / H.265 / H.264+ / H.264	Main Stream: H.265+ / H.265 / H.264+ / H.264	Main Stream: H.265+ / H.265 / H.264+ / H.264	Main Stream: H.265+ / H.265 / H.264+ / H.264	Main Stream: H.265+ / H.265 / H.264+ / H.264	Main Stream: H.265+ / H.265 / H.264+ / H.264
Lens	6.0 to 216 mm, 36x optical Horizontal field of view: 56.6° to 2.0° (wide-tele), Vertical field of view: 33.7° to 1.2° (wide-tele), Diagonal field of view: 63.4° to 2.3° (wide-tele)	5.7 to 205 mm, 36x optical Horizontal field of view: 59.8° to 2.0° (Wide-Tele) Vertical field of view: 33.6° to 1.1° (Wide-Tele) Diagonal field of view: 68.6° to 2.3° (Wide-Tele)	5.7 to 205 mm, 36x optical Horizontal field of view: 59.8° to 2.0° (Wide-Tele) Vertical field of view: 33.6° to 1.1° (Wide-Tele) Diagonal field of view: 68.6° to 2.3° (Wide-Tele)	5.9 to 135.7 mm, 23x optical Horizontal field of view: 59.8° to 3.0° (Wide-Tele)	4.7 to 94 mm, 20x optical Horizontal field of view: 61.4° to 2.9° (Wide-Tele)	4.7 to 94 mm, 20x optical Horizontal field of view: 58.3° to 3.2° (Wide-Tele)
Angle of View						
Min. Illumination	Color: 0.002 lux @ [F1.3, AGC ON]	Color: 0.002 lux @ [F1.5, AGC ON]	Color: 0.002 lux @ [F1.5, AGC ON]	Color: 0.002 lux @ [F1.6, AGC ON]	Color: 0.05 lux @ [F1.6, AGC ON]	Color: 0.05 lux @ [F1.6, AGC ON]
WDR	140 dB	120 dB	120 dB	120 dB	DWDR	DWDR
Max. IR Range	-	150 m	-	150 m	100 m	100 m
VCA	Face Capture, Road Traffic, Auto tracking 2.0 [support tracking specified target types such as human and vehicle], Event tracking Filtering out mistaken alarm caused by target types such as leaf, light, animal, and flag, etc. Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection, Unattended Baggage Detection, Object Removal Detection, Audio Exception Detection	Intrusion Detection, Line Crossing Detection, Audio Exception Detection	Intrusion Detection, Line Crossing Detection, Audio Exception Detection	Face detection, Intrusion detection, Line crossing detection, Audio exception detection, Region entrance detection, Region exiting detection	Intrusion Detection, Line Crossing Detection, Region Exiting Detection, Region Entrance Detection	Intrusion Detection, Line Crossing Detection, Region Exiting Detection, Region Entrance Detection
Frame Rate	50Hz: 25fps [1920 × 1080, 1280 × 960, 1280 × 720] 50 fps [1920 × 1080, 1280 × 960, 1280 × 720] 60Hz: 30fps [1920 × 1080, 1280 × 960, 1280 × 720] 60 fps [1920 × 1080, 1280 × 960, 1280 × 720]	50Hz: 25fps [1920 × 1080, 1280 × 960, 1280 × 720] 50fps [1920 × 1080, 1280 × 960, 1280 × 720] 60Hz: 30fps [1920 × 1080, 1280 × 960, 1280 × 720] 60fps [1920 × 1080, 1280 × 960, 1280 × 720]	50Hz: 25fps [1920 × 1080, 1280 × 960, 1280 × 720] 50fps [1920 × 1080, 1280 × 960, 1280 × 720] 60Hz: 30fps [1920 × 1080, 1280 × 960, 1280 × 720] 60fps [1920 × 1080, 1280 × 960, 1280 × 720]	50Hz: 25fps [1920 × 1080], 25fps[1280×720] 60Hz: 30fps [1920×1080], 30fps[1280×720]	50Hz: 25fps [1920 × 1080, 1280 × 960, 1280 × 720] 50fps [1920 × 1080, 1280 × 960, 1280 × 720] 60Hz: 30fps [1920 × 1080, 1280 × 960, 1280 × 720] 60fps [1920 × 1080, 1280 × 960, 1280 × 720]	50Hz: 25fps [1920 × 1080, 1280 × 960, 1280 × 720] 50fps [1920 × 1080, 1280 × 960, 1280 × 720] 60Hz: 30fps [1920 × 1080, 1280 × 960, 1280 × 720] 60fps [1920 × 1080, 1280 × 960, 1280 × 720]
Streams	3	3	3	2	3	3
Protection Level	IP66 Standard; 6000V Lightning Protection, Surge Protection and Voltage Transient Protection	IP66 Standard; TVS 6000V Lightning Protection, Surge Protection and Voltage Transient Protection	IP66 Standard; TVS 6000V Lightning Protection, Surge Protection and Voltage Transient Protection	IP66 standard, TVS 6,000V lightning protection, surge protection and voltage transient protection	IP66 Standard; 6000V Lightning Protection, Surge Protection and Voltage Transient Protection	IP66 Standard; 6000V Lightning Protection, Surge Protection and Voltage Transient Protection
Pan Range	360° endless	360° endless	360° endless	360° endless	360° endless	360° endless
Tilt Range	From -90° to 40°	From -40° to 90°	From -40° to 90°	From 90° to -90° (Auto Flip)	From -40° to 30°	From -40° to 30°
Pan Speed	Configurable, from 0.1°/s to 100°/s, Preset Speed: 100°/s	Configurable, from 0.1°/s to 150°/s, Preset Speed: 150°/s	Configurable, from 0.1°/s to 150°/s, Preset Speed: 150°/s	Configurable, from 0.1°/s to 200°/s	Configurable, from 0.1°/s to 50°/s, Preset speed 50°/s	Configurable, from 0.1°/s to 50°/s, Preset speed 50°/s
Tilt Speed	Configurable, from 0.1°/s to 50°/s, Preset Speed: 100°/s	Configurable, from 0.1°/s to 100°/s, Preset Speed: 100°/s	Configurable, from 0.1°/s to 100°/s, Preset Speed: 100°/s	Configurable, from 0.1°/s to 50°/s	Configurable, from 0.1°/s to 25°/s, Preset speed 25°/s	Configurable, from 0.1°/s to 25°/s, Preset speed 25°/s
Operating Temperature	-40°C to 70°C (-40°F to 158°F)	-40°C to 70°C (-40°F to 158°F)	-40°C to 70°C (-40°F to 158°F)	-40°C to 65°C (-40°F to 149°F)	-30°C to 65°C (-22°F to 149°F)	-30°C to 65°C (-22°F to 149°F)
Humidity	≤ 95%	≤ 95%	≤ 95%	≤ 95%	≤ 95%	≤ 95%
Local Storage	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB; NAS (NFS, SMB/ CIFS), ANR	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB; NAS (NFS, SMB/ CIFS), ANR	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB; NAS (NFS, SMB/ CIFS), ANR	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB; NAS (NFS, SMB/ CIFS), ANR	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 128 GB; NAS (NFS, SMB/ CIFS), ANR	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 128 GB; NAS (NFS, SMB/ CIFS), ANR
Audio I/O	1/1	1/1	1/1	1/1	1/1	1/1
Alarm I/O	7/2	2/1	2/1	7/2	1/1	1/1
Power	24 VAC [Max. 90 W]	24 VAC [Max. 55 W]	24 VAC [Max. 45 W]	24 VAC & Hi-PoE Max.: 45 W	12 VDC & PoE [802.3at] Max.: 19 W	12 VDC & PoE [802.3at] Max.: 19 W

# Panoramic Camera

**043** PanoVu Series

**047** Fisheye Series



# PanoVu Series

## From Expansive Scenes to Detailed Close-Ups

- 360° / 270° / 180° image stitching
- Multiple display modes
- Face capture (PTZ PanoVu only)
- Saves labor costs
- Saves IP address costs



PanoVu Mini

Model	DS-2PT3326IZ-DE3	DS-2PT3122IZ-DE3	DS-2PT3306IZ-DE3	DS-2PT5326IZ-DE
<b>Image</b>				
<b>PanoVu</b>	<b>PanoVu</b>	<b>PanoVu</b>	<b>PanoVu</b>	<b>PanoVu</b>
<b>Image Sensor</b>	Fixed: 3×1/2.8" progressive scan CMOS PTZ: 1/2.8" progressive scan CMOS	Fixed: 1×1/2.8" progressive scan CMOS PTZ: 1/2.8" progressive scan CMOS	3×1/2.8" progressive scan CMOS	Fixed: 3×1/2.8" progressive scan CMOS PTZ: 1/2.8" progressive scan CMOS
<b>Resolution</b>	1920 × 1080	1920 × 1080	1920 × 1080	1920 × 1080
<b>Video Compression</b>	H.265 / H.264 / MJPEG	H.265 / H.264 / MJPEG	H.265 / H.264 / MJPEG	H.265 / H.264 / MJPEG
<b>Min. Illumination</b>	Color: 0.05 lux @ [F2.0, AGC ON]	Color: 0.05 lux @ [F2.0, AGC ON]	Color: 0.05 lux @ [F2.0, AGC ON]	Color: 0.005 lux @ [F1.6, AGC ON]
<b>WDR</b>	Digital WDR	Digital WDR	Digital WDR	Digital WDR
<b>Lens</b>	Fixed: 2 mm PTZ: 2.8-12 mm	Fixed: 2 mm PTZ: 2.8-12 mm	2 mm	Fixed: 4 mm PTZ: 5-50 mm
<b>FOV</b>	Fixed: Horizontal field of view: 128.5° Vertical field of view: 75.7° Diagonal field of view: 144° PTZ cam: Horizontal field of view: 120° to 56.6° [wild-tele] Vertical field of view: 61.8° to 31.7° [wild-tele] Diagonal field of view: 149° to 65° [wild-tele]	Panoramic cam: Horizontal field of view: 128.5° Vertical field of view: 75.7° Diagonal field of view: 144° PTZ cam: Horizontal field of view: 120° to 56.6° [wild-tele] Vertical field of view: 61.8° to 31.7° [wild-tele] Diagonal field of view: 149° to 65° [wild-tele]	Horizontal field of view: 128.5° × 3 Vertical field of view: 75.7°	Panoramic cam: Horizontal field of view: 80.7° × 3 Vertical field of view: 43.5° PTZ cam: Horizontal field of view: 58.6° to 6.4° [wide - tele]
<b>Optical Zoom</b>	PTZ: 4x	PTZ: 4x	-	PTZ: 10x
<b>Max. IR Range</b>	10 m	10 m	10 m	Panoramic cam: 30 m PTZ cam: 50 m
<b>VCA</b>	Audio Exception Detection, Intrusion Detection, Line Crossing Detection,motion detection	Audio Exception Detection, Intrusion Detection, Line Crossing Detection,motion detection	Audio Exception Detection, Intrusion Detection, Line Crossing Detection,motion detection	Audio Exception Detection, Intrusion Detection, Line Crossing Detection,motion detection
<b>Frame Rate</b>	50Hz: 25fps [1920×1080, 1280×720, 704×576, 640×480, 352×288] 60Hz: 30fps [1920×1080, 1280×720, 704×480, 640×480, 352×240]	50Hz: 25fps [1920×1080, 1280×720, 704×576, 640×480, 352×288] 60Hz: 30fps [1920×1080, 1280×720, 704×480, 640×480, 352×240]	50 Hz: 20 fps [1920 × 1080, 1280 × 960, 1280 × 720] 60 Hz: 20 fps [1920 × 1080, 1280 × 960, 1280 × 720]	50Hz: 25fps [1920×1080, 1280×720, 704×576, 640×480, 352×288] 60Hz: 30fps [1920×1080, 1280×720, 704×480, 640×480, 352×240]
<b>Streams</b>	2	2	2	2
<b>Protection Level</b>	-	-	IP66	IP66
<b>Operating Temperature</b>	-10°C to 50°C (14°F to 122°F)	-10°C to 50°C (14°F to 122°F)	-10°C to 50°C (14°F to 122°F)	-30°C to 65°C (-22°F to 149°F), with heater on
<b>Humidity</b>	Humidity 90% or less (non-condensing)	Humidity 90% or less (non-condensing)	Humidity 90% or less (non-condensing)	Humidity 90% or less (non-condensing)
<b>Local Storage</b>	Built-in memory card slot, support Micro SD / SDHC / SDXC, up to 256 GB	Built-in memory card slot, support Micro SD / SDHC / SDXC, up to 256 GB	Built-in memory card slot, support Micro SD / SDHC / SDXC, up to 256 GB	Built-in memory card slot, support Micro SD / SDHC / SDXC, up to 256 GB
<b>Indoor/Outdoor</b>	Indoor	Indoor	Indoor	Indoor
<b>Audio I/O</b>	1-ch audio input and 1-ch audio output.	1-ch audio input and 1-ch audio output.	1-ch audio input and 1-ch audio output.	1-ch audio input and 1-ch audio output.
<b>Alarm I/O</b>	-	-	-	1-ch alarm input and 1-ch alarm output
<b>Power</b>	12 VDC [Max.24 W], PoE+ [Max. 25 W], IR Max. 6 W	12 VDC [Max.19 W], PoE+ [Max. 20 W], IR Max. 2 W	12 VDC & PoE+ [802.3 at, class 4] Max.20 W [Max. 6 W for IR]	12 VDC & PoE+ [802.3 at, class 4] Max.27 W [Max. 9 W for IR]

Model	DS-2DP1618ZIXS-DE/440/T2	DS-2DP2427ZIXS-DE/440/T2	DS-2DP3236ZIXS-D/440/T2	DS-2DP6436ZIXS-D/836/T2
Image	  <b>PanoVu</b>	  <b>PanoVu</b>	  <b>PanoVu</b>	  <b>PanoVu</b>
Image Sensor	Panoramic: Four 1/1.8" 4MP Progressive Scan CMOS PTZ: 1/1.8" 4MP Progressive Scan CMOS	Panoramic: Six 1/1.8" 4MP Progressive Scan CMOS PTZ: 1/1.8" 4MP Progressive Scan CMOS	Panoramic: Eight 1/1.8" 4MP Progressive Scan CMOS PTZ: 1/1.8" 4MP Progressive Scan CMOS	Panoramic: Eight 1/1.8" 8MP Progressive Scan CMOS PTZ: 2/3" 8MP Progressive Scan CMOS
Resolution	5520 × 2400	8160 × 2400	2 × 5520 × 2400	2 × 8160 × 3616
Video Compression	Main Stream: H.265 / H.264 Sub-Stream: H.265 / H.264 / MJPEG Third Stream: H.265 / H.264	Main Stream: H.265 / H.264 Sub-Stream: H.265 / H.264 / MJPEG Third Stream: H.265 / H.264	Main Stream: H.265 / H.264 Sub-Stream: H.265 / H.264 / MJPEG Third Stream: H.265 / H.264	Main Stream: H.265 / H.264 Sub-Stream: H.265 / H.264 / MJPEG Third Stream: H.265 / H.264
Min. Illumination	Panoramic: Color: 0.0005 Lux @ [F1.6, AGC ON] B/W: 0.0001 Lux @ [F1.6, AGC ON] PTZ: Color: 0.0005 Lux @ [F1.2, AGC ON] B/W: 0.0001 Lux @ [F1.2, AGC ON] 0 Lux with IR	Panoramic: Color: 0.0005 Lux @ [F1.6, AGC ON] B/W: 0.0001 Lux @ [F1.6, AGC ON] PTZ: Color: 0.0005 Lux @ [F1.2, AGC ON] B/W: 0.0001 Lux @ [F1.2, AGC ON] 0 Lux with IR	Panoramic: Color: 0.0005 Lux @ [F1.6, AGC ON] B/W: 0.0001 Lux @ [F1.6, AGC ON] PTZ: Color: 0.0005 Lux @ [F1.2, AGC ON] B/W: 0.0001 Lux @ [F1.2, AGC ON] 0 Lux with IR	Panoramic: Color: 0.0005 Lux @ [F1.6, AGC ON] B/W: 0.0001 Lux @ [F1.6, AGC ON] PTZ: Color: 0.005 Lux @ [F1.5, AGC ON] B/W: 0.001 Lux @ [F1.5, AGC ON] 0 Lux with IR
WDR	120 dB	120 dB	120 dB	DWDR
Lens	Panoramic: 2.8 mm, F1.6 PTZ: 6.0 to 240 mm, 40x optical	Panoramic: 2.8 mm, F1.6 PTZ: 6.0 to 240 mm, 40x optical	Panoramic: 2.8 mm, F1.6 PTZ: 6.0 to 240 mm, 40x optical	Panoramic: 2.8 mm, F1.6 PTZ: 7.5 to 277.5 mm, 36x optical
FOV	Horizontal: 180°, Vertical: 85° PTZ: Horizontal field of view: 56.6° to 1.8° (Wide-Tele) Vertical field of view: 33.7° to 1.0° (Wide-Tele) Diagonal field of view: 63.4° to 2.0° (Wide-Tele)	Horizontal: 270°, Vertical: 85° PTZ: Horizontal field of view: 56.6° to 1.8° (Wide-Tele) Vertical field of view: 33.7° to 1.0° (Wide-Tele) Diagonal field of view: 63.4° to 2.0° (Wide-Tele)	Horizontal: 2 × 180°, Vertical: 85° PTZ: Horizontal field of view: 56.6° to 1.8° (Wide-Tele) Vertical field of view: 33.7° to 1.0° (Wide-Tele) Diagonal field of view: 63.4° to 2.0° (Wide-Tele)	Horizontal: 2 × 180°, Vertical: 85° PTZ: Horizontal field of view: 56.1° to 2.0° (Wide-Tele) Vertical field of view: 33.4° to 1.1° (Wide-Tele) Diagonal field of view: 62.9° to 2.3° (Wide-Tele)
Optical Zoom	40x	40x	40x	36x
Max. IR Range	250 m	250 m	250 m	250 m
VCA	Panoramic: Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection PTZ: Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection, Unattended Baggage Detection, Object Removal Detection	Panoramic: Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection PTZ: Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection, Unattended Baggage Detection, Object Removal Detection	Panoramic: Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection PTZ: Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection, Unattended Baggage Detection, Object Removal Detection	Panoramic: Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection PTZ: Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection, Unattended Baggage Detection, Object Removal Detection
Frame Rate	Panoramic: 50Hz: 25fps (5520 × 2400, 4096 × 1800, 3840 × 1680, 2784 × 1200) 60Hz: 30fps (5520 × 2400, 4096 × 1800, 3840 × 1680, 2784 × 1200) PTZ: 50Hz: 25fps (2560 × 1440, 1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (2560 × 1440, 1920 × 1080, 1280 × 960, 1280 × 720)	Panoramic: 50Hz: 25fps (8160 × 2400, 6120 × 1800, 5760 × 1696, 3840 × 1080) 60Hz: 30fps (8160 × 2400, 6120 × 1800, 5760 × 1696, 3840 × 1080) PTZ: 50Hz: 25fps (2560 × 1440, 1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (2560 × 1440, 1920 × 1080, 1280 × 960, 1280 × 720)	Panoramic: 50Hz: 25fps (5520 × 2400, 3840 × 1680, 2784 × 1200) 60Hz: 30fps (5520 × 2400, 3840 × 1680, 2784 × 1200) PTZ: 50Hz: 25fps (2560 × 1440, 1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (2560 × 1440, 1920 × 1080, 1280 × 960, 1280 × 720)	Panoramic: 50Hz: 25fps 32 MP video output mode: 8160 × 3616; 8 MP video output mode: 4096 × 1800, 3840 × 1680, 2720 × 1192 60Hz: 30fps 32 MP video output mode: 8160 × 3616; 8 MP video output mode: 4096 × 1800, 3840 × 1680, 2720 × 1192 PTZ: 50Hz: 25fps (4096 × 2160, 3840 × 2160, 2560 × 1440, 1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (4096 × 2160, 3840 × 2160, 2560 × 1440, 1920 × 1080, 1280 × 960, 1280 × 720)
Streams	3	3	3	3
Protection Level	IP66, IK10	IP66, IK10	IP66, IK10	IP66, IK10
Angle Adjustment	-	-	-	-
Operating Temperature	Outdoor: -40°C to 70°C [-40°F to 158°F]	Outdoor: -40°C to 70°C [-40°F to 158°F]	Outdoor: -40°C to 60°C [-40°F to 140°F]	Outdoor: -40°C to 60°C [-40°F to 140°F]
Humidity	≤ 95%	≤ 95%	≤ 95%	≤ 95%
Local Storage	Built-in microSD slot, support microSD/microSDHC/microSDXC cards, up to 256 GB	Built-in microSD slot, support microSD/microSDHC/microSDXC cards, up to 256 GB	Built-in microSD slot, support microSD/microSDHC/microSDXC cards, up to 256 GB	Built-in microSD slot, support microSD/microSDHC/microSDXC cards, up to 256 GB
Indoor/Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Audio I/O	1-ch audio input and 1-ch audio output.	1-ch audio input and 1-ch audio output.	1-ch audio input and 1-ch audio output.	1-ch audio input and 1-ch audio output.
Alarm I/O	7-ch alarm input and 2-ch alarm output	7-ch alarm input and 2-ch alarm output	7-ch alarm input and 2-ch alarm output	7-ch alarm input and 2-ch alarm output
Power	36 VDC	36 VDC	36 VDC	36 VDC

Network Camera  
 PTZ Dome Camera  
 Camera  
 Panoramic Camera  
 Explosion-Proof & Anti-Corrosion Series  
 NVR  
 Storage  
 Data Center  
 Thermal Display  
 Commercial Decoder  
 Controller Video Wall  
 Software Accessories  
 DORI Distance

## PanoVu Camera

Model	DS-2CD692460-IHS{/NFC}	DS-2CD694460-IHS{/NFC}	DS-2CD698460-IH(S){/NFC}	DS-2CD6D24FWD-(I)Z(H)(S){/NFC}	DS-2CD6D54FWD-(I)Z(H)(S){/NFC}
Image	 <span style="color: orange;">• HOT</span> <span style="color: red;">• NEW</span>	 <span style="color: red;">• NEW</span>		 <span style="color: orange;">• HOT</span>	
Image Sensor	1/1.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/1.8" Progressive scan CMOS	1/2.7" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS
Resolution	3840 × 2160 [Panorama mode]	4800 × 2688 [Panorama mode]	8160 × 3616 [Panorama mode]	1920 × 1080	2560 × 1920
Video Compression	H.265+ / H.264+ / H.265 / H.264 / MJPEG	H.265+ / H.264+ / H.265 / H.264 / MJPEG	H.265+ / H.264+ / H.265 / H.264	H.265+ / H.264+ / H.265 / H.264 / MJPEG	H.265+ / H.264+ / H.265 / H.264 / MJPEG
Min. Illumination	Color: 0.003 lux @ [F1.2, AGC ON], B/W: 0.0018 lux @ [F1.6, AGC ON], 0 lux with IR	Color: 0.009 lux @ [F1.6, AGC ON], B/W: 0.0018 lux @ [F1.6, AGC ON], 0 lux with IR	Color: 0.012 lux @ [F1.4, AGC ON] B/W: 0.0012 lux @ [F1.4, AGC ON], 0 lux with IR	Color: 0.006 Lux @ [F1.2, AGC ON], 0.01 Lux @ [F1.6, AGC ON] B/W: 0.002 Lux @ [F1.2, AGC ON]; 0.003 Lux @ [F1.6, AGC ON] 0 Lux with IR on	Color: 0.006 Lux @ [F1.2, AGC ON], 0.010 Lux @ [F1.6, AGC ON] B/W: 0.002 Lux @ [F1.2, AGC ON]; 0.003 Lux @ [F1.6, AGC ON] 0 Lux with IR on
WDR	Digital WDR	Digital WDR	Digital WDR	120 dB	120 dB
Lens	Four 2.8 mm/6 mm	Four 2.8 mm/6 mm	Four 2.8 mm	Four 2.8 to 12 mm	Four 2.8 to 12 mm
FOV	2.8 mm: horizontal FOV 180°, vertical FOV 90° 6 mm: horizontal FOV 180°, vertical FOV 25°	2.8 mm: horizontal FOV 180°, vertical FOV 90° 6 mm: horizontal FOV 180°, vertical FOV 25°	Single lens image: horizontal FOV 102°, vertical FOV 55°, diagonal FOV 120° Panorama Image: horizontal field of view 180°, vertical FOV 95°	Horizontal field of view: 30° to 96.3° Vertical field of view: 17° to 54° Diagonal field of view: 34° to 121°	Horizontal field of view: 30° to 101° Vertical field of view: 22.4° to 73° Diagonal field of view: 37° to 137°
Optical Zoom	-	-	-	-	-
Max. IR Range	20 m [Four IR LEDs]	20 m [Four IR LEDs]	20 m [Four IR LEDs]	30 m	30 m
VCA	-	-	-	Line crossing detection, intrusion detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection
Frame Rate	50Hz: 25fps (3840 × 2160, 2560 × 1440, 1920×1080) 60Hz: 30fps (3840 × 2160, 2560 × 1440, 1920×1080)	50Hz: 25fps (4800 × 2688, 3840 × 2160, 2688 × 1520) 60Hz: 30fps (4800 × 2688, 3840 × 2160, 2688 × 1520)	50Hz: 25fps (8160 × 3616, 8160 × 2304) 60Hz: 30fps (8160 × 3616, 8160 × 2304)	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 25fps (2560 × 1920, 2048 × 1536, 1920 × 1080, 1280 × 720) 60Hz: 24fps (2560 × 1920, 2048 × 1536, 1920 × 1080, 1280 × 720)
Streams	2	2	1	3	3
Protection Level	IP67, IK10	IP67, IK10	IP67, IK10	IP67, IK10	IP67, IK10
Angle Adjustment	Pan: 0° to 355°, tilt: 0° to 90°	Pan: 0° to 355°, tilt: 0° to 90°	Pan: 0° to 355°, tilt: 0° to 90°	Four flexible lens in one track, slide range: -180° to 180°, tilt: 0° to 135°, rotate: 0° to 355°	Four flexible lens in one track, slide range: -180° to 180°, tilt: 0° to 135°, rotate: 0° to 355°
Operating Temperature	-40 °C to +60 °C (-40 °F to +140 °F)	-40 °C to +60 °C (-40 °F to +140 °F)	-40 °C to +60 °C (-40 °F to +140 °F)	-30 °C to 60 °C (-22 °F to 140 °F). -H: -40 °C to 60 °C (-40 °F to 140 °F)	-30 °C to 60 °C (-22 °F to 140 °F). -H: -40 °C to 60 °C (-40 °F to 140 °F)
Humidity	Humidity 95% or less [non-condensing]	Humidity 95% or less [non-condensing]	humidity 95% or less (non-condensing)	Humidity 95% or less (non-condensing)	Humidity 95% or less (non-condensing)
Local Storage	Micro SD / SDHC / SDXC slot, up to 256 GB	Micro SD / SDHC / SDXC slot, up to 256 GB	Built-in micro SD / SDHC / SDXC slot, up to 128 GB	Built-in micro SD / SDHC / SDXC slot, up to 128 GB	Built-in micro SD / SDHC / SDXC slot, up to 128 GB
Indoor/Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Audio I/O	1 Input (line in/mic in, 3.5 mm), 1 output(3.5 mm)	1 Input (line in/mic in, 3.5 mm), 1 output(3.5 mm)	With S: 1 input (line in), 1 output (line out)	With -S: 1-ch 3.5 mm input (line in/Mic in), 1-ch 3.5mm output, dual-track, stereo	With -S: 1-ch 3.5 mm input (line in), 1-ch 3.5mm output, dual-track, stereo
Alarm I/O	2 Inputs, 2 outputs	2 Inputs, 2 outputs	With S: 2 Inputs, 2 outputs	With -S: 2 inputs, 2 outputs	With -S: 2 inputs, 2 outputs
Power	12 VDC & PoE[802.3at] Max.: 24W	12 VDC & PoE[802.3at] Max.: 24W	12 VDC & PoE[802.3at]	12 VDC ± 20%, 24 VAC ± 20% (for customization), three-core terminal block, -IZ, -IZHS/NFC: Hi-PoE: 42.5 VDC to 57 VDC, -Z: PoE (802.3at)	12 VDC ± 20%, 24 VAC ± 20% (for customization), three-core terminal block, -IZ, -IZS/NFC, -IZHS/NFC: Hi-PoE: 42.5 VDC to 57 VDC, -Z: PoE (802.3at)

Model	DS-2CD6D54G1-I(S)	DS-2CD6D54G1-ZS/RC	DS-2CD6D5260-IH(S)	DS-2CD6D8260-IH(S)
Image				
Image Sensor	1/2.7" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/2.5" Progressive Scan CMOS
Resolution	2560 x 1920	2560 x 1920	2560 x 1920	3840 x 2160
Video Compression	H.265+ / H.264+ / H.265 / H.264 / MJPEG	H.265+ / H.264+ / H.265 / H.264 / MJPEG	H.265+ / H.264+ / H.265 / H.264 / MJPEG	H.265+ / H.264+ / H.265 / H.264 / MJPEG
Min. Illumination	Color: 0.0125 lux @ [F1.9, AGC ON]; B/W: 0.0025 lux @ [F1.9, AGC ON]	Color: 0.0125 lux @ [F1.9, AGC ON]; B/W: 0.0025 lux @ [F1.9, AGC ON]	Color: 0.009 Lux @ [F1.6, AGC ON], B/W: 0.0018 Lux @ [F1.6, AGC ON], 0 Lux with IR	Color: 0.056 Lux @ [F2.0, AGC ON], 0 Lux with IR
WDR	120 dB	120 dB	120 dB	120 dB
Lens	Four 2.8 to 8 mm	Four 2.8 to 8 mm	2.8 mm/4 mm/6 mm	2.8 mm/4 mm/6 mm
FOV	Horizontal FOV 100° to 49°, vertical FOV 72° to 36.4°, diagonal FOV 134.4° to 61.4°	Horizontal FOV 100° to 49°, vertical FOV 72° to 36.4°, diagonal FOV 134.4° to 61.4°	2.8mm @ F1.6 horizontal FOV 97°, vertical FOV 70°, diagonal FOV 128° 4 mm @ F1.6, horizontal FOV 79°, vertical FOV 57°, diagonal FOV 104° 6 mm @ F1.6, horizontal FOV 49°, vertical FOV 35°, diagonal FOV 63°	2.8mm @ F2.0, horizontal FOV 103°, vertical FOV 53°, diagonal FOV 124° 4 mm @ F2.0, horizontal FOV 79°, vertical FOV 41°, diagonal FOV 94° 6 mm @ F2.0, horizontal FOV 50°, vertical FOV 27°, diagonal FOV 58°
Optical Zoom	-	-	-	-
Max. IR Range	30 m	-	10 m	10 m
VCA	Line crossing detection, intrusion detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection	-	-
Frame Rate	50Hz: 25fps [2560 x 1920, 2048 x 1536, 1920 x 1080, 1280 x 720] 60Hz: 24fps [2560 x 1920, 2048 x 1536, 1920 x 1080, 1280 x 720]	50Hz: 25fps [2560 x 1920, 2048 x 1536, 1920 x 1080, 1280 x 720] 60Hz: 24fps [2560 x 1920, 2048 x 1536, 1920 x 1080, 1280 x 720]	50Hz: 25fps [2560 x 1920, 2048 x 1536] 60Hz: 30fps [2560 x 1920, 2048 x 1536]	50Hz: 25fps [3840 x 2160, 3072 x 1728, 2560 x 1440, 1920 x 1080, 1280 x 720] 60Hz: 24fps [3840 x 2160, 3072 x 1728, 2560 x 1440, 1920 x 1080, 1280 x 720]
Streams	3	3	3	3
Protection Level	IP67, IK10	IP67, IK10	IP67, IK10	IP67, IK10
Angle Adjustment	Pan: -60° to 60°, tilt: 10° to 90°	Pan: -60° to 60°, tilt: 10° to 90°	P: -90 to 90°; T: 0 to 60° [2.8mm], 0 to 70° [4/6mm]; R: 0 to 355°	P: -90 to 90°; T: 0 to 60° [2.8mm], 0 to 70° [4/6mm]; R: 0 to 355°
Operating Temperature	-30 °C to 60 °C [-22 °F to 140 °F]	-30 °C to 60 °C [-22 °F to 140 °F]	-40 °C to 60 °C [-40 °F to 140 °F]	-40 °C to 60 °C [-40 °F to 140 °F]
Humidity	Humidity 95% or less (non-condensing)	Humidity 95% or less (non-condensing)	Humidity 95% or less (non-condensing)	Humidity 95% or less (non-condensing)
Local Storage	Built-in micro SD / SDHC / SDXC slot, up to 128 GB	Built-in micro SD / SDHC / SDXC slot, up to 128 GB	Built-in micro SD / SDHC / SDXC slot, up to 256 GB	Built-in micro SD / SDHC / SDXC slot, up to 256 GB
Indoor/Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Audio I/O	With S: 1 input (line in), 1 output (line out), mono sound	1 input (line in), 1 output (line out), mono sound	Without -S: 2 built-in mics With S: 2 built-in mics, 1 line in, 1 line out	Without -S: 2 built-in mics With S: 2 built-in mics, 1 line in, 1 line out
Alarm I/O	With S: 2 inputs, 2 outputs	2 inputs, 2 outputs	With S: 1 input, 1 output (max. 36 VDC, 30mA)	With S: 1 input, 1 output (max. 36 VDC, 30mA)
Power	12 VDC± 20%, reverse polarity protection; three-core terminal block 24 VAC ± 20%; PoE (802.3at, class 4)	12 VDC± 20%, reverse polarity protection; three-core terminal block 24 VAC ± 20%; PoE (802.3af, class 0)	12 VDC & PoE (802.3af)	12 VDC & PoE (802.3af)

Network Camera  
 PTZ Dome Camera  
 Camera  
 Panoramic Camera  
 Explosion-Proof & Anti-Corrosion Series  
 NVR  
 Storage  
 Center  
 Data Center  
 Thermal Display  
 Commercial Display  
 Decoder  
 Video Wall Controller  
 Software  
 Accessories  
 DORI Distance

# Fisheye Series

## Single Sensor Panorama Camera

- 360° / 180° overview
- Multiple display modes
- ImmerVision lens (DS-2CD63C5G0 only)
- Deep learning heat map (optional)
- Deep learning intersection flow analysis (optional)
- Deep learning people counting (optional)
- Hardware decode mode



### Ultra Series

Model	DS-2CD63C5G0-I(V)(S)	DS-2CD6365G0-I(V)(S)
<b>Image</b>	<span style="color: red; font-size: small;">HOT NEW</span>  <span style="border: 1px solid red; border-radius: 50%; padding: 2px;">IMMERVISION</span> <p>Heat map, intersection analysis, people counting with deep learning algorithm, onboard dewarping and client dewarping, built-in microphone and speaker, Immervision lens</p>	<span style="color: red; font-size: small;">HOT NEW</span>  <p>Heat map, intersection analysis, people counting with deep learning algorithm, onboard dewarping and client dewarping, built-in microphone and speaker</p>
<b>Image Sensor</b>	1/1.7" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS
<b>Max. Resolution</b>	4000 × 3000	3072 × 2048
<b>Video Compression</b>	H.265+ / H.265 / H.264+ / H.264 / MJPEG	H.265+ / H.265 / H.264+ / H.264 / MJPEG
<b>Min. Illumination</b>	Color: 0.05 lux @ [F2.2, AGC ON], B/W: 0.01 lux @ [F2.2, AGC ON], 0 lux with IR	Color: 0.047 lux @ [F2.6, AGC ON], B/W: 0.0047 lux @ [F2.6, AGC ON], 0 lux with IR
<b>WDR</b>	DWDR	DWDR
<b>Lens</b>	1.29 mm	1.27 mm
<b>FOV</b>	Horizontal FOV: 180°, vertical FOV: 180°	Horizontal FOV 180° (wall mount), 360°(ceiling mount), 360°(table mount)
<b>Max. IR Range</b>	15 m (three independently controlled LEDs)	15 m (three independently controlled LEDs)
<b>VCA</b>	Line crossing detection, intrusion detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection;heat map with deep learning algorithm;Intersection analysis;People Counting	Line crossing detection, intrusion detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection;Heat map with deep learning algorithm;Intersection analysis;People Counting
<b>Frame Rate</b>	50Hz: 20fps [4000 × 3000], 25fps [3000 × 3000, 2560 × 2560] 60Hz: 20fps [4000 × 3000], 30fps [3000 × 3000, 2560 × 2560]	50Hz: 25fps [3072 × 2048, 2048 × 2048, 1280 × 1280] 60Hz: 30fps [3072 × 2048, 2048 × 2048, 1280 × 1280]
<b>Streams</b>	2	2
<b>Protection Level</b>	With -V: IP67, IK10	With -V: IP67, IK10
<b>Angle Adjustment</b>	-	-
<b>Operating Temperature</b>	-40 °C to 60 °C [-40 °F to +140 °F] Heater	-40 °C to 60 °C [-40 °F to +140 °F] Heater
<b>Humidity</b>	humidity 95% or less (non-condensing)	humidity 95% or less (non-condensing)
<b>Local Storage</b>	Support microSD/SDHC/SDXC card (256 G), local storage and NAS (NFS,SMB/CIFS), ANR	Support microSD/SDHC/SDXC card (256 G), local storage and NAS (NFS,SMB/CIFS), ANR
<b>Indoor/Outdoor</b>	indoor/outdoor	indoor/outdoor
<b>Audio I/O</b>	2 built-in microphones, 1 built-in speaker, mono sound -S: 1 Audio input (line in, 3.5 mm), 1 audio output (line out, 3.5 mm)	2 built-in microphones, 1 built-in speaker, mono sound -S: 1 Audio input (line in, 3.5 mm), 1 audio output (line out, 3.5 mm)
<b>Alarm I/O</b>	With -S: 1-ch alarm input, max. 12 V; 1-ch alarm output, max 24 VDC, 1 A	With -S: 1-ch alarm input, max. 12 V; 1-ch alarm output, max 24 VDC, 1 A
<b>Power</b>	12 VDC±20%, PoE (802.3at, class 4), -S model: two-core terminal block Without -S model: Ø 5.5 × 2.1 mm coaxial power plug	12 VDC±20%, PoE (802.3at, class 4), -S model: two-core terminal block Without -S model: Ø 5.5 × 2.1 mm coaxial power plug

Model	DS-2CD63C5G0E-I(V)(S)	DS-2CD6365G0E-I(V)(S)	DS-2CD63C5G0E-S/RC	DS-2CD6365G0E-S/RC
Image	 <span style="color:red">NEW</span>	 <span style="color:red">NEW</span>	 <span style="color:red">NEW</span>	 <span style="color:red">NEW</span>
	Onboard dewarping and client dewarping, built-in microphone and speaker	Onboard dewarping and client dewarping, built-in microphone and speaker	Onboard dewarping and client dewarping, in-ceiling installation	Onboard dewarping and client dewarping, in-ceiling installation
<b>Image Sensor</b>	1/1.7" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/1.7" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS
<b>Max. Resolution</b>	4000 × 3000	3072 × 2048	4000 × 3000	3072 × 2048
<b>Video Compression</b>	H.265+ / H.265 / H.264+ / H.264 / MJPEG	H.265+ / H.265 / H.264+ / H.264 / MJPEG	H.265+ / H.265 / H.264+ / H.264 / MJPEG	H.265+ / H.265 / H.264+ / H.264 / MJPEG
<b>Min. Illumination</b>	Color: 0.082 lux @ [F2.8, AGC ON], B/W: 0.016 lux @ [F2.8, AGC ON], 0 lux with IR	Color: 0.047 lux @ [F2.6, AGC ON], B/W: 0.0047 lux @ [F2.6, AGC ON], 0 lux with IR	Color: 0.06 lux @ [F2.4, AGC ON], B/W: 0.012 lux @ [F2.4, AGC ON]	Color: 0.047 lux @ [F2.6, AGC ON], B/W: 0.0047 lux @ [F2.6, AGC ON]
<b>WDR</b>	DWDR	DWDR	DWDR	DWDR
<b>Lens</b>	2 mm	1.27 mm	2 mm	1.27 mm
<b>FOV</b>	Horizontal FOV 180° (wall mount), 360°(ceiling mount), 360°(table mount)	Horizontal FOV 180° (wall mount), 360°(ceiling mount), 360°(table mount)	360° (In-ceiling mounting)	360° (In-ceiling mounting)
<b>Max. IR Range</b>	15 m (three independently controlled LEDs)	15 m (three independently controlled LEDs)	-	-
<b>VCA</b>	Line crossing detection, intrusion detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection;	Line crossing detection, intrusion detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection;	Line crossing detection, intrusion detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection;	Line crossing detection, intrusion detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection;
<b>Frame Rate</b>	50Hz: 20fps (4000 × 3000), 25fps (3000 × 3000, 2560 × 2560) 60Hz: 20fps (4000 × 3000), 30fps (3000 × 3000, 2560 × 2560)	50Hz: 25fps (3072 × 2048, 2048 × 2048, 1280 × 1280) 60Hz: 30fps (3072 × 2048, 2048 × 2048, 1280 × 1280)	50Hz: 20fps (4000 × 3000), 25fps (3000 × 3000, 2560 × 2560) 60Hz: 20fps (4000 × 3000), 30fps (3000 × 3000, 2560 × 2560)	50Hz: 25fps (3072 × 2048, 2048 × 2048, 1280 × 1280) 60Hz: 30fps (3072 × 2048, 2048 × 2048, 1280 × 1280)
<b>Streams</b>	2	2	2	2
<b>Protection Level</b>	With -V: IP67, IK10	With -V: IP67, IK10	-	-
<b>Angle Adjustment</b>	-	-	-	-
<b>Operating Temperature</b>	-40 °C to 60 °C (-40 °F to +140 °F) Heater	-40 °C to 60 °C (-40 °F to +140 °F) Heater	-10 °C to +40 °C (14 °F to +104 °F)	-10 °C to +40 °C (14 °F to +104 °F)
<b>Humidity</b>	humidity 95% or less (non-condensing)			
<b>Local Storage</b>	Support microSD/SDHC/SDXC card (256 G), local storage and NAS (NFS,SMB/CIFS), ANR	Support microSD/SDHC/SDXC card (256 G), local storage and NAS (NFS,SMB/CIFS), ANR	Support microSD/SDHC/SDXC card (256 G), local storage and NAS (NFS,SMB/CIFS), ANR	Support microSD/SDHC/SDXC card (256 G), local storage and NAS (NFS,SMB/CIFS), ANR
<b>Indoor/Outdoor</b>	indoor/outdoor	indoor/outdoor	indoor	indoor
<b>Audio I/O</b>	With -S: 1 Audio input (line in, 3.5 mm), 1 audio output (line out, 3.5 mm); 2 built-in microphone, 1 built-in speaker, mono sound	With -S: 1 Audio input (line in, 3.5 mm), 1 audio output (line out, 3.5 mm); 2 built-in microphone, 1 built-in speaker, mono sound	1 Audio input (line in, 3.5 mm), 1 audio output (line out, 3.5 mm); 2 built-in microphones, mono sound	1 Audio input (line in, 3.5 mm), 1 audio output (line out, 3.5 mm); 2 built-in microphones, mono sound
<b>Alarm I/O</b>	With -S: 1-ch alarm input, max. 12 V; 1-ch alarm output, max 24 VDC, 1 A	With -S: 1-ch alarm input, max. 12 V; 1-ch alarm output, max 24 VDC, 1 A	1-ch alarm input, max. 12 V; 1-ch alarm output, max 12 VDC, 0.5 A	1-ch alarm input, max. 12 V; 1-ch alarm output, max 12 VDC, 0.5 A
<b>Power</b>	12 VDC±20%, PoE (802.3af, class 0) -S model: two-core terminal block Without -S model: Ø 5.5 × 2.1 mm coaxial power plug	12 VDC±20%, PoE (802.3af, class 0), -S model: two-core terminal block Without -S model: Ø 5.5 × 2.1 mm coaxial power plug	12 VDC±20%, PoE (802.3af, class 3), two-core terminal block	12 VDC±20%, PoE (802.3af, class 3), two-core terminal block

# Explosion-Proof & Anti-Corrosion Series

**050** Explosion-Proof Series

**053** Anti-Corrosion Series



# Explosion-Proof Series

Complete Protection with Superior Design Inside and Out

- Explosion-proof certification: ATEX, IECEx
- 304/316L Stainless Steel
- DarkFighter (optional)
- Smart Function: Hard hat detection (optional)
- H.265+/H.265 codec



## Camera

Model	DS-2XE602560-I	DS-2XE6126FWD-HS	DS-2XE6222F-IS	DS-2XE6242F-IS	DS-2XE6422FWD-IZH(R)S	DS-2XE6452F-IZH(R)S
Image						
	<span style="color: red;">ATEX, IECEx, Mobile Certification</span>	<span style="color: red;">ATEX, IECEx</span>	<span style="color: red;">ATEX, IECEx</span>	<span style="color: red;">ATEX, IECEx</span>	<span style="color: red;">ATEX, IECEx</span>	<span style="color: red;">ATEX, IECEx</span>
Image Sensor	1/2.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/3" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS
Max. Resolution	1920 × 1080	1920 × 1080	1920 × 1080	2560 × 1440	1920 × 1080	2592 × 1944
Video Compression	H.265+ / H.265 / H.264+ / H.264 / MJPEG	H.265+ / H.265 / H.264+ / H.264 / MJPEG	H.265+ / H.265 / H.264+ / H.264 / MJPEG	H.265+ / H.265 / H.264+ / H.264 / MJPEG	H.265+ / H.265 / H.264+ / H.264 / MJPEG	H.265+ / H.265 / H.264+ / H.264 / MJPEG
Min. Illumination	Color: 0.009 lux @ [F1.6, AGC ON] B/W: 0.004 lux @ [F1.6, AGC ON], 0 lux with IR	Color: 0.005 lux @ [F1.6, AGC ON] B/W: 0.017 lux @ [F1.6, AGC ON]	0.01 lux @ [F1.2, AGC ON], 0 lux with IR	0.01 lux @ [F1.2, AGC ON], 0 lux with IR	0.001 lux @ [F1.2, AGC ON], 0 lux with IR	0.014 lux @ [F1.4, AGC ON], 0 lux with IR
WDR	120 dB	120 dB	120 dB	120 dB	120 dB	DWDR
Lens	4, 6 or 8 mm	2, 2.8, 4 or 6 mm	4, 6, 8 or 12 mm	4, 6, 8 or 12 mm	2.8-12 mm, 8-32 mm	2.8-12 mm
FOV	4 mm, horizontal FOV: 82.6°, vertical FOV: 43.4°, diagonal FOV: 96.6° 6 mm, horizontal FOV: 51.2°, vertical FOV: 27.2°, diagonal FOV: 59.2° 8 mm, horizontal FOV: 38.7°, vertical FOV: 21.3°, diagonal FOV: 44.8°	2 mm: horizontal FOV 126.5°, vertical FOV 73.8°, diagonal FOV 144° 2.8 mm: horizontal FOV 108°, vertical FOV 59.3°, diagonal FOV 129° 4 mm: horizontal FOV 86°, vertical FOV 46°, diagonal FOV 102.3° 6 mm: horizontal FOV 52.8°, vertical FOV 29.7°, diagonal FOV 60.7°	4 mm, horizontal field of view: 91° 6 mm, horizontal field of view: 60° 8 mm, horizontal field of view: 41.5° 12 mm, horizontal field of view: 26.6°	4 mm, horizontal field of view: 83° 6 mm, horizontal field of view: 55.4° 8 mm, horizontal field of view: 38.5° 12 mm, horizontal field of view: 24.7°	2.8 mm to 12 mm, horizontal FOV: 85° to 31°, vertical FOV: 45° to 17.5°, diagonal FOV: 101° to 17.5° 8 mm to 32 mm, horizontal field of view: 42.2° to 13.5°, vertical FOV: 23.4° to 7.7°, diagonal FOV: 49° to 15.3°	2.8 mm to 12 mm, horizontal FOV: 70° to 34°, vertical FOV: 52° to 24°, diagonal FOV: 90° to 41°
Max. IR Range	30 m	N/A	30 m	30 m	2.8-12 mm lens: 80 m (262.5 ft.) 8-32 mm lens: 150 m (492.1 ft.)	80 m
VCA	Line crossing detection, intrusion detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection, Face detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection, Face detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection, Face detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection, Face detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection, Face detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection, Face detection
Frame Rate	50Hz: 25fps [1920 × 1080, 1280 × 960, 1280 × 720] 60Hz: 30fps [1920 × 1080, 1280 × 960, 1280 × 720]	50Hz: 25fps [1920 × 1080, 1280 × 960, 1280 × 720] 60Hz: 30fps [1920 × 1080, 1280 × 960, 1280 × 720]	50Hz: 25fps [1920 × 1080, 1280 × 960, 1280 × 720] 60Hz: 30fps [1920 × 1080, 1280 × 960, 1280 × 720]	50Hz: 25fps [2560 × 1440, 1920 × 1080, 1280 × 960, 1280 × 720] 60Hz: 30fps [2560 × 1440, 1920 × 1080, 1280 × 960, 1280 × 720]	50Hz: 50fps [1920 × 1080, 1280 × 960, 1280 × 720] 60Hz: 60fps [1920 × 1080, 1280 × 960, 1280 × 720]	50Hz: 25fps [2592 × 1944, 2560 × 1920, 2048 × 1536], 50fps [1920 × 1080, 1280 × 960, 1280 × 720] 60Hz: 30fps [2592 × 1944, 2560 × 1920, 2048 × 1536], 60fps [1920 × 1080, 1280 × 960, 1280 × 720]
Multi-Streaming	3	3	3	3	3	3
Protection Level	IP68, IK08	IP68	-	-	IP68	IP68
Angle Adjustment	Pan: 0° to 90°, tilt: 0° to 60°	2mm: pan: 0° to 340°, tilt: 0° to 60° 2.8 mm, 4 mm, 6 mm: 0° to 340°, tilt: 0° to 75°	-	-	-	-
Operating Temperature	-30 °C to +60 °C [-22 °F to +140 °F]	-40°C to 60°C [-40°F to 140°F]	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]	-40 °C to +60 °C [-40 °F to +140 °F]	-40 °C to +60 °C [-40 °F to +140 °F]
Operating Humidity	≤ 95%	≤ 95%	≤ 95%	≤ 95%	≤ 95%	≤ 95%
Local Storage	128 GB	128 GB	128 GB	128 GB	128 GB	128 GB
Audio I/O	-	1 in, 1 out	N/A	N/A	1 in, 1 out	1 in, 1 out
Alarm I/O	-	1 in, 1 out	2 in, 2 out	2 in, 2 out	2 in, 2 out	2 in, 2 out
Installation	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Power Supply	24 VDC, reverse polarity protection PoE: (802.3af, 36 to 57 VDC), 0.3 A to 0.2 A, max. 7.5 W -I/-IS: Ø5.5 mm coaxial power plug -IM: two-core WAGO connector	12 VDC ±20%, PoE (802.3af, class 3) Terminal block for DC input	AC 100 V to 240 V, 0.1A, terminal block PoE (802.3af, class 3), 0.2A	AC 100 V to 240 V, 0.1A, terminal block PoE (802.3at, class 4)	100 VAC to 240 VAC, three-core terminal block PoE (802.3at, class 4)	100 VAC to 240 VAC, three-core terminal block PoE (802.3at, class 4)

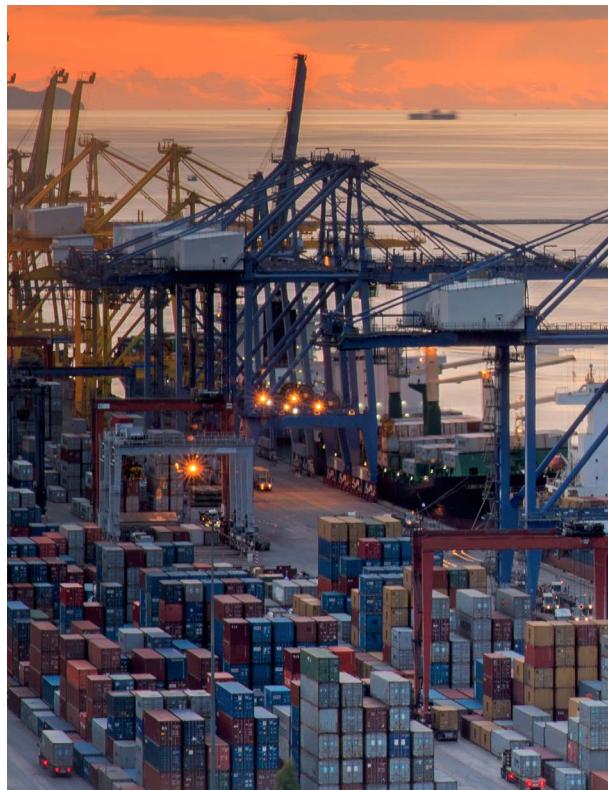
Model	DS-2DB4223I-CX(WE/316L)	DS-2DB4236I-CWX(WE/316L)
<b>Image</b>	 <span style="color: yellow;">X</span>	 <span style="color: yellow;">X</span>
<b>Image Sensor</b>	1/1.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS
<b>Resolution</b>	1920 × 1080	1920 × 1080
<b>Video Compression</b>	Main Stream: H.265+ / H.265 / H.264+ / H.264	Main Stream: H.265+ / H.265 / H.264+ / H.264
<b>Min. Illumination</b>	Color: 0.002 lux @ [F1.5, AGC ON]	Color: 0.002 lux @ [F1.5, AGC ON]
<b>WDR</b>	DWDR	DWDR
<b>Lens</b>	5.9 to 135.7 mm, 23x optical	5.7 to 205 mm, 36x optical
<b>FOV</b>	Horizontal field of view: 59.8° to 3.0° [Wide-Tele] Vertical field of view: 33.6° to 1.7° [Wide-Tele] Diagonal field of view: 68.6° to 3.4° [Wide-Tele]	Horizontal field of view: 59.8° to 2.0° [wide-tele] Vertical field of view: 33.6° to 1.1° [wide-tele] Diagonal field of view: 68.6° to 2.3° [wide-tele]
<b>Optical Zoom</b>	23x	36x
<b>Max. IR Range</b>	200 m	200 m
<b>VCA</b>	Intrusion Detection, Line Crossing Detection, Audio Exception Detection	Intrusion Detection, Line Crossing Detection, Audio Exception Detection
<b>Frame Rate</b>	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)
<b>Streams</b>	3	3
<b>Protection Level</b>	IP68 Standard; TVS 6000V Lightning Protection, Surge Protection and Voltage Transient Protection	IP68 Standard; TVS 6000V Lightning Protection, Surge Protection and Voltage Transient Protection
<b>Angle Adjustment</b>	-	-
<b>Operating Temperature</b>	-40°C to 60°C (-40°F to 140°F)	-40°C to 60°C (-40°F to 140°F)
<b>Humidity</b>	≤ 95%	≤ 95%
<b>Local Storage</b>	128 GB	128 GB
<b>Indoor/Outdoor</b>	Outdoor	Outdoor
<b>Audio I/O</b>	1/1	1/1
<b>Alarm I/O</b>	1/1	1/1
<b>Power</b>	100 VAC to 240 VAC & PoE+ (IEEE802.3at class4) Max. 25 W	100 VAC to 240 VAC & PoE+ (IEEE802.3at class4) Max. 25 W
<b>Interface</b>	1× RJ45 10 M/100 M Ethernet interface	1× RJ45 10 M/100 M Ethernet interface

Model	DS-2DY9236I-CWX (W/316L)	DS-2DF6223-CX (W316L)
<b>Image</b>	 <span style="color: yellow;">X</span>	 <span style="color: yellow;">X</span>
<b>Image Sensor</b>	1/1.8" Progressive Scan CMOS	1/1.9" progressive scan CMOS
<b>Max. Resolution</b>	1920 × 1080	1920 × 1080
<b>Video Compression</b>	H.265+ / H.265 / H.264+ / H.264 / MJPEG	Main Stream: H.265+ / H.265 / H.264+ / H.264
<b>Min. Illumination</b>	Color: 0.002 lux @ [F1.5, AGC ON] B/W: 0.0002 lux @ [F1.5, AGC ON] 0 lux with IR	Color: 0.002 lux @ [F1.5, AGC ON]
<b>WDR</b>	120 dB	120 dB
<b>Lens</b>	5.7 to 205 mm, 36x optical	5.9 to 135.7 mm, 23x optical
<b>FOV</b>	Horizontal field of view: 59.8° to 2.0° [Wide-Tele] Vertical field of view: 35° to 1.1° [Wide-Tele] Diagonal field of view: 66.2° to 2.3° [Wide-Tele]	59.8° to 3.0° [Wide-Tele]
<b>Max. IR Range</b>	150 m	-
<b>VCA</b>	Face Detection, Audio Exception Detection, Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection	Intrusion, Line Crossing, Region Entrance, Region Exiting
<b>Frame Rate</b>	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 50fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 50fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720) 60fps (1920 × 1080, 1280 × 960, 1280 × 720)
<b>Multi-Streaming</b>	3	3
<b>Protection Level</b>	IP68	IP68
<b>Angle Adjustment</b>	Movement Range (Pan) 360° endless, Movement Range (Tilt) From -90° to 90° [auto-flip]	-
<b>Operating Temperature</b>	-40°C to 60°C (-40°F to 140°F)	-40°C to 60°C (-40°F to 140°F)
<b>Operating Humidity</b>	≤ 95%	≤ 95%
<b>Local Storage</b>	256GB	128 GB
<b>Audio I/O</b>	1 in, 1 out	1 in, 1 out
<b>Alarm I/O</b>	7-ch alarm input and 2-ch alarm output	7 in, 2 out
<b>Installation</b>	Outdoor	Outdoor
<b>Power Supply</b>	100 VAC to 240 VAC Max.: 100 W [Max. 15 W for IR]	100 VAC to 240 VAC, Max.: 60 W

# Anti-Corrosion Series

## The Best Choice for Critical Industry Applications

- Anti-corrosion certification: NEMA-4X
- 316L Stainless Steel housing or anticorrosive coating
- DarkFighter (optional)
- H.265+/H.265 codec



Model	DS-2XC6122FWD-IS	DS-2XC6142FWD-IS	DS-2CD6626B-IZH(R)S
<b>Image</b>			
<b>NEMA</b>	<b>NEMA 4X</b>	<b>NEMA 4X</b>	<b>DarkFighter</b> <b>NEMA 4X</b>
<b>Image Sensor</b>	1/2.7" Progressive Scan CMOS	1/3" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS
<b>Max. Resolution</b>	1920 × 1080	2560 × 1440	1920 × 1080
<b>Video Compression</b>	H.265+ / H.265 / H.264+ / H.264 / MJPEG	H.265+ / H.265 / H.264+ / H.264 / MJPEG	H.265+ / H.265 / H.264+ / H.264 / MJPEG
<b>Min. Illumination</b>	0.028 lux @ [F2.0, AGC ON], 0 lux with IR	0.028 lux @ [F2.0, AGC ON], 0 lux with IR	0.002 lux @ [F1.2, AGC ON], 0 lux with IR
<b>WDR</b>	120 dB	120 dB	120 dB
<b>Lens</b>	2.8, 4 or 6 mm  2.8mm, horizontal field of view: 100°, vertical field of view: 53° 4mm, horizontal field of view: 91°, vertical field of view: 49° 6mm horizontal field of view: 60°, vertical field of view: 32.5°	4 or 6 mm  4mm, horizontal field of view: 83°, vertical field of view: 44.7° 6mm horizontal field of view: 55.4°, vertical field of view: 30.4°	2.8 to 12 mm, 8 to 32mm  2.8-12 mm, F1.4: horizontal field of view, 90.1° to 31° 8-32 mm, F1.4: horizontal field of view, 42.2° to 13.5°
<b>Max. IR Range</b>	10 m	10 m	2.8-12 mm lens: 80 m 8-32 mm lens: 150 m
<b>VCA</b>	Line crossing detection, intrusion detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection, Face detection  2.8mm lens camera: 50Hz: 25fps [1920 × 1080, 1280 × 960, 1280 × 720] 60Hz: 24fps [1920 × 1080, 1280 × 960, 1280 × 720] 4mm and 6mm lens camera: 50Hz: 25fps [1920 × 1080, 1280 × 960, 1280 × 720] 60Hz: 30fps [1920 × 1080, 1280 × 960, 1280 × 720]	Line crossing detection, intrusion detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection, Face detection  50Hz: 25fps [2560 × 1440, 1920 × 1080, 1280 × 720, 528 × 384] 60Hz: 24fps [2560 × 1440, 1920 × 1080, 1280 × 720, 528 × 384]	Line crossing detection, intrusion detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection, Face detection  50Hz: 50fps [1920 × 1080, 1280 × 960, 1280 × 720] 60Hz: 60fps [1920 × 1080, 1280 × 960, 1280 × 720]
<b>Frame Rate</b>			
<b>Multi-Streaming</b>	3	3	3
<b>Protection Level</b>	IP67	IP67	IP67
<b>Angle Adjustment</b>	Tilt: 0° to 75°; Pan: -30° to 30°; Rotate: 0° to 360°	Tilt: 0° to 75°; Pan: -30° to 30°; Rotate: 0° to 360°	-
<b>Operating Temperature</b>	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]	-40 °C to +60 °C [-22 °F to +140 °F]
<b>Operating Humidity</b>	≤ 95%	≤ 95%	≤ 95%
<b>Local Storage</b>	128 GB	128 GB	128 GB
<b>Audio I/O</b>	-	-	1 in, 1 out
<b>Alarm I/O</b>	1 in, 1 out	1 in, 1 out	1 in, 1 out
<b>Installation</b>	Outdoor	Outdoor	Outdoor
<b>Power Supply</b>	12 VDC, 330mA, termi-l block PoE (802.3af, class 3), 0.1A	12 VDC, 0.4A, 5W, terminal block PoE (802.3af, class 3), 0.1A	24 VAC, 1.7A, termi-l block

Model	DS-2CD6652B-IZHS	DS-2CD6626DS-IZ(H)S
<b>Image</b>	 <span style="border: 1px solid red; border-radius: 50%; padding: 2px;">NEMA 4X</span>	 <span style="border: 1px solid red; border-radius: 50%; padding: 2px;">DarkFighter</span> + <span style="border: 1px solid red; border-radius: 50%; padding: 2px;">NEMA 4X</span>
<b>Image Sensor</b>	1/1.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS
<b>Max. Resolution</b>	2592 × 1944	1920 × 1080
<b>Video Compression</b>	H.265+ / H.265 / H.264+ / H.264 / MJPEG	H.264 / MJPEG / MPEG4
<b>Min. Illumination</b>	0.01 lux @ [F1.2, AGC ON], 0.014 lux @ [F1.4, AGC ON], 0 lux with IR	Color: 0.002 lux @ [F1.2, AGC ON] B/W: 0.0002 lux @ [F1.2, AGC ON]
<b>WDR</b>	DWDR	120 dB
<b>Lens</b>	2.8 to 12 mm	2.8 to 12 mm
<b>FOV</b>	horizontal field of view, 90.1° to 31°	horizontal field of view: 92° to 32°
<b>Max. IR Range</b>	80 m	30 m
<b>VCA</b>	Line crossing detection, intrusion detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection, Face detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection
<b>Frame Rate</b>	50Hz: 50fps[1920 × 1080], 25fps[2592 × 1944, 2560 × 1920, 2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720] 60Hz: 60fps[1920 × 1080], 30fps[2592 × 1944, 2560 × 1920, 2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720]	50 Hz: 50 fps [1920 × 1080, 1280 × 960, 1280 × 720] 60 Hz: 60 fps [1920 × 1080, 1280 × 960, 1280 × 720]
<b>Multi-Streaming</b>	3	3
<b>Protection Level</b>	IP67	IP67
<b>Angle Adjustment</b>	-	Pan: 0° to 355°, tilt: 0° to 75°, rotation: 0° to 355°
<b>Operating Temperature</b>	-40 °C to +60 °C [-22 °F to +140 °F]	-40 °C to +60 °C [-22 °F to +140 °F]
<b>Operating Humidity</b>	≤ 95%	≤ 95%
<b>Local Storage</b>	128 GB	128 GB
<b>Audio I/O</b>	1 in, 1 out	1 in, 1 out
<b>Alarm I/O</b>	1 in, 1 out	1 in, 1 out
<b>Installation</b>	Outdoor	Outdoor
<b>Power Supply</b>	24 VAC, 1.7A terminal block	24 VAC / 12 VDC / PoE [802.3at]

Model	DS-2DT6223-AELY	DS-2DT6223W-AELY
<b>Image</b>	 <span style="border: 1px solid red; border-radius: 50%; padding: 2px;">DarkFighter</span> + <span style="border: 1px solid red; border-radius: 50%; padding: 2px;">NEMA 4X</span>	 <span style="border: 1px solid red; border-radius: 50%; padding: 2px;">DarkFighter</span> + <span style="border: 1px solid red; border-radius: 50%; padding: 2px;">NEMA 4X</span>
<b>Image Sensor</b>	1/1.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS
<b>Max. Resolution</b>	1920 × 1080	1920 × 1080
<b>Video Compression</b>	H.264 / MJPEG / MPEG4	H.265+ / H.265 / H.264+ / H.264 / MJPEG
<b>Min. Illumination</b>	Color: 0.002 lux @ [F1.5, AGC ON]	Color: 0.005 lux @ [F1.5, AGC ON]
<b>WDR</b>	120 dB	120 dB
<b>Lens</b>	5.9 to 135.7 mm, 23 x optical	5.9 to 135.7 mm, 23x optical
<b>FOV</b>	58.7° to 3.0° [Wide-Tele]	59.8° to 3.0° [wide-tele]
<b>Max. IR Range</b>	-	-
<b>VCA</b>	Face detection, Intrusion detection, Line crossing detection, Audio exception detection, Region entrance detection, Region exiting detection, Smat tracking 1.0	Face detection, Intrusion detection, Line crossing detection, Audio exception detection, Region entrance detection, Region exiting detection, Smat tracking 1.0
<b>Frame Rate</b>	50Hz: 25fps [1920 × 1080, 1280 × 960, 1280 × 720] 50fps [1920 × 1080, 1280 × 960, 1280 × 720] 60Hz: 30fps [1920 × 1080, 1280 × 960, 1280 × 720]	50Hz: 25fps [1920 × 1080, 1280 × 960, 1280 × 720]; 60Hz: 30fps [1920 × 1080, 1280 × 960, 1280 × 720]; 60fps [1920 × 1080, 1280 × 960, 1280 × 720]
<b>Multi-Streaming</b>	3	3
<b>Protection Level</b>	IP67, IK10	IP67, IK10
<b>Operating Temperature</b>	-40° C to 65° C [-40° F to 149° F]	-40° C to 70° C [-40° F to 158° F]
<b>Operating Humidity</b>	≤ 95%	≤ 95%
<b>Local Storage</b>	256 GB	256 GB
<b>Audio I/O</b>	1/1	1/1
<b>Alarm I/O</b>	7/2	7/2
<b>Installation</b>	Outdoor	Outdoor
<b>Power Supply</b>	24 VAC & Hi-PoE, Max. 60 W	24 VAC & Hi-PoE, Max. 60 W

# NVR

**056** DeepinMind Series

**061** Ultra Series

**065** Pro Series

**068** Workstation Series



# DeepinMind Series NVR

Deeper Intelligence for Expansive Security

► The first deep-learning NVR in the industry

► GPU-based designs

► Intelligent analytics and advanced storage in one

► Fast and accurate facial, human body, vehicle, and behavior recognition, and perimeter protection



Model	iDS-96128NXI-I16(B)	iDS-96064NXI-I16(B)	iDS-9632NXI-I8/X(B)	iDS-9632NXI-I8/16S(B)	iDS-9616NXI-I8/X(B)	iDS-9616NXI-I8/16S(B)	
Image	 HOT	 HOT	 HOT		 HOT		
Hardware Platform	Intel Xeon E3 Quad-Core processor	Intel Xeon E3 Quad-Core processor	Quad-core embedded processor	Quad-core embedded processor	Quad-core embedded processor	Quad-core embedded processor	
No. of Channels	128-ch	64-ch	32-ch	32-ch	16-ch	16-ch	
Decoding Format	H.265+ / H.265 / H.264+ / H.264 / MJPEG / MPEG4	H.265+ / H.265 / H.264+ / H.264 / MJPEG / MPEG4	H.265 / H.265+ / H.264 / H.264+ / MPEG4	H.265 / H.265+ / H.264 / H.264+ / MPEG4	H.265 / H.265+ / H.264 / H.264+ / MPEG4	H.265 / H.265+ / H.264 / H.264+ / MPEG4	
Incoming/Outgoing Bandwidth	512 Mbps / 512 Mbps	400 Mbps / 400 Mbps	RAID enabled: 200 Mbps/200 Mbps RAID disabled: 320 Mbps/256 Mbps	RAID enabled: 200 Mbps/200 Mbps RAID disabled: 320 Mbps/256 Mbps	RAID enabled: 200 Mbps/200 Mbps RAID disabled: 320 Mbps/256 Mbps	RAID enabled: 200 Mbps/200 Mbps RAID disabled: 320 Mbps/256 Mbps	
Decoding Capacity	5-ch @ 8 MP / 10-ch @ 4 MP / 20-ch @ 1080p / 40-ch @ 720p	5-ch @ 8 MP / 10-ch @ 4 MP / 20-ch @ 1080p / 40-ch @ 720p	16-ch @ 1080p (30 fps)	16-ch @ 1080p (30 fps)	16-ch @ 1080p (30 fps)	16-ch @ 1080p (30 fps)	
Recording Resolution	12 MP / 8 MP / 6 MP / 5 MP / 4 MP / 3 MP / 1080p / UXGA / 720p / VGA / 4CIF / DCIF / 2CIF / CIF / QCIF	12 MP / 8 MP / 6 MP / 5 MP / 4 MP / 3 MP / 1080p / UXGA / 720p / VGA / 4CIF / DCIF / 2CIF / CIF / QCIF	12 MP / 8 MP / 6 MP / 5 MP / 4 MP / 3 MP / 1080p / UXGA / 720p / VGA / 4CIF / DCIF / 2CIF / CIF / QCIF	12 MP / 8 MP / 6 MP / 5 MP / 4 MP / 3 MP / 1080p / UXGA / 720p / VGA / 4CIF / DCIF / 2CIF / CIF / QCIF	12 MP / 8 MP / 6 MP / 5 MP / 4 MP / 3 MP / 1080p / UXGA / 720p / VGA / 4CIF / DCIF / 2CIF / CIF / QCIF	12 MP / 8 MP / 6 MP / 5 MP / 4 MP / 3 MP / 1080p / UXGA / 720p / VGA / 4CIF / DCIF / 2CIF / CIF / QCIF	
Display	2 HDMI / 1 VGA	2 HDMI / 1 VGA	2 HDMI / 2 VGA	2 HDMI / 2 VGA	2 HDMI / 2 VGA	2 HDMI / 2 VGA	
LCD	7-inch LCD	-	-	-	-	-	
Storage Capacity	16 SATA interfaces supporting hot-plug Up to 10 TB capacity for each HDD	16 SATA interfaces supporting hot-plug Up to 10 TB capacity for each HDD	8 SATA interfaces Up to 10 TB capacity for each HDD	8 SATA interfaces Up to 10 TB capacity for each HDD	8 SATA interfaces Up to 10 TB capacity for each HDD	8 SATA interfaces Up to 10 TB capacity for each HDD	
eSATA / Mini SAS	1 eSATA interface / 2 mini SAS interfaces	1 eSATA interface	1 eSATA interface	1 eSATA interface	1 eSATA interface	1 eSATA interface	
RAID Type	RAIDO, RAID1, RAID5, RAID6, RAID10	RAIDO, RAID1, RAID5, RAID6, RAID10	RAIDO, RAID1, RAID5, RAID6, RAID10 VGA1: 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 1200/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz HDMI1: 4K (3840 × 2160)/60Hz, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1600 × 1200/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	RAIDO, RAID1, RAID5, RAID6, RAID10 VGA1: 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz HDMI1: 4K (3840 × 2160)/60Hz, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1600 × 1200/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz HDMI2: 4K (3840 × 2160)/60Hz, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1600 × 1200/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	RAIDO, RAID1, RAID5, RAID6, RAID10 VGA1: 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz HDMI1: 4K (3840 × 2160)/60Hz, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1600 × 1200/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz HDMI2: 4K (3840 × 2160)/60Hz, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1600 × 1200/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	RAIDO, RAID1, RAID5, RAID6, RAID10 VGA1: 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz HDMI1: 4K (3840 × 2160)/60Hz, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1600 × 1200/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz HDMI2: 4K (3840 × 2160)/60Hz, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1600 × 1200/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	RAIDO, RAID1, RAID5, RAID6, RAID10 VGA1: 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz HDMI1: 4K (3840 × 2160)/60Hz, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1600 × 1200/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz HDMI2: 4K (3840 × 2160)/60Hz, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1600 × 1200/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
Video Output	VGA: 1-ch, 1920 × 1080/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz HDMI: 2-ch independent HDMI interface, 4K (4096 × 2160)/30Hz, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	VGA: 1-ch, 1920 × 1080/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz HDMI: 2-ch independent HDMI interface, 4K (4096 × 2160)/30Hz, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	2-ch, RCA (Linear, 1 kΩ) 16/4 (16/8 is optional)	2-ch, RCA (Linear, 1 kΩ) 16/4 (16/8 is optional)	2-ch, RCA (Linear, 1 kΩ) 16/4 (16/8 is optional)	2-ch, RCA (Linear, 1 kΩ) 16/4 (16/8 is optional)	
Audio Output	1-ch, RCA (2.0 Vp-p, 1 kΩ)	1-ch, RCA (2.0 Vp-p, 1 kΩ)	2-ch, RCA (Linear, 1 kΩ)	2-ch, RCA (Linear, 1 kΩ)	2-ch, RCA (Linear, 1 kΩ)	2-ch, RCA (Linear, 1 kΩ)	
Alarm I/O	16/8	16/8	16/4 (16/8 is optional)	16/4 (16/8 is optional)	16/4 (16/8 is optional)	16/4 (16/8 is optional)	
Network Interface	4, RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface	4, RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface	2, RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface	2, RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface	2, RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface	2, RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface	
PoE Port	-	-	-	-	-	-	
USB Port	Front panel: 2 × USB 2.0; Rear panel: 2 × USB 3.0	Front panel: 2 × USB 2.0; Rear panel: 2 × USB 3.0	Front panel: 2 × USB 2.0; Rear panel: 1 × USB 3.0	Front panel: 2 × USB 2.0; Rear panel: 1 × USB 3.0	Front panel: 2 × USB 2.0; Rear panel: 1 × USB 3.0	Front panel: 2 × USB 2.0; Rear panel: 1 × USB 3.0	
Smart Function	Deep learning based video analytics for false alarm reduction, facial recognition and face picture comparison; VCA search for facial detection, false alarm reduction	Deep learning based video analytics for false alarm reduction, facial recognition and face picture comparison; VCA search for facial detection, false alarm reduction	Deep learning based video analytics for false alarm reduction, facial recognition and face picture comparison; VCA search for facial detection, false alarm reduction Video Structuralization	Deep learning based video analytics for false alarm reduction; VCA search for false alarm reduction Video Structuralization	Deep learning based video analytics for false alarm reduction, facial recognition and face picture comparison; VCA search for facial detection, false alarm reduction Video Structuralization	Deep learning based video analytics for false alarm reduction; VCA search for false alarm reduction Video Structuralization	
Power Consumption (without HDD)	≤ 140 W	≤ 140 W	≤ 70 W	≤ 70 W	≤ 70 W	≤ 70 W	
Description	64 libraries with 500,000 face pictures in total Face picture comparison and alarm linkage actions for up to 48 channels False alarm reduction for up to 48 channels	64 libraries with 500,000 face pictures in total Face picture comparison and alarm linkage actions for up to 24 channels False alarm reduction for up to 48 channels	32 libraries with 100,000 face pictures in total Face picture comparison and alarm linkage actions for up to 16 channels Up to 16-ch 2 MP video analysis for human and vehicle recognition to reduce false alarms Up to 4-ch 2MP Video Structuralization	Up to 16-ch 2 MP video analysis for human and vehicle recognition to reduce false alarms Up to 4-ch 2MP Video Structuralization	32 libraries with 100,000 face pictures in total Face picture comparison and alarm linkage actions for up to 16 channels Up to 16-ch 2 MP video analysis for human and vehicle recognition to reduce false alarms Up to 4-ch 2MP Video Structuralization	Up to 16-ch 2 MP video analysis for human and vehicle recognition to reduce false alarms	

**77 Series**

Model	iDS-9632NXI-I8/BA	Model	iDS-7732NXI-I4/X(B)	iDS-7732NXI-I4/16P/X(B)	iDS-7716NXI-I4/X(B)	iDS-7716NXI-I4/16P/X(B)
<b>Image</b>	 <span style="color:red">NEW</span>	<b>Image</b>	 <span style="color:orange">HOT</span>	 <span style="color:orange">HOT</span>	 <span style="color:orange">HOT</span>	 <span style="color:orange">HOT</span>
<b>Hardware Platform</b>	Quad-core embedded processor	<b>Hardware Platform</b>	Quad-core embedded processor	Quad-core embedded processor	Quad-core embedded processor	Quad-core embedded processor
<b>No. of Channels</b>	32-ch	<b>Channel No.</b>	32-ch	32-ch	16-ch	16-ch
<b>Decoding Format</b>	H.265 / H.265+ / H.264 / H.264+ / MPEG4	<b>Decoding Format</b>	H.265 / H.265+ / H.264 / H.264+ / MPEG4	H.265 / H.265+ / H.264 / H.264+ / MPEG4	H.265 / H.265+ / H.264 / H.264+ / MPEG4	H.265 / H.265+ / H.264 / H.264+ / MPEG4
<b>Incoming/Outgoing Bandwidth</b>	RAID enabled: 200 Mbps/200 Mbps RAID disabled: 320 Mbps/256 Mbps	<b>Incoming/Outgoing Bandwidth</b>	320 Mbps / 256 Mbps	320 Mbps / 256 Mbps	320 Mbps / 256 Mbps	320 Mbps / 256 Mbps
<b>Decoding Capacity</b>	16-ch @ 1080p (30 fps)	<b>Decoding Capacity</b>	16-ch @ 1080p (30 fps)	16-ch @ 1080p (30 fps)	16-ch @ 1080p (30 fps)	16-ch @ 1080p (30 fps)
<b>Recording Resolution</b>	12 MP / 8 MP / 6 MP / 5 MP / 4 MP / 3 MP / 1080p / UXGA / 720p / VGA / 4CIF / DCIF / 2CIF / CIF / QCIF	<b>Recording Resolution</b>	12 MP / 8 MP / 6 MP / 5 MP / 4 MP / 3MP / 1080p / UXGA / 720p / VGA / 4CIF / DCIF / 2CIF / CIF / QCIF	12 MP / 8 MP / 6 MP / 5 MP / 4 MP / 3MP / 1080p / UXGA / 720p / VGA / 4CIF / DCIF / 2CIF / CIF / QCIF	12 MP / 8 MP / 6 MP / 5 MP / 4 MP / 3MP / 1080p / UXGA / 720p / VGA / 4CIF / DCIF / 2CIF / CIF / QCIF	12 MP / 8 MP / 6 MP / 5 MP / 4 MP / 3MP / 1080p / UXGA / 720p / VGA / 4CIF / DCIF / 2CIF / CIF / QCIF
<b>Display LCD</b>	2 HDMI / 2 VGA	<b>Display LCD</b>	2 HDMI / 1 VGA	2 HDMI / 1 VGA	2 HDMI / 1 VGA	2 HDMI / 1 VGA
<b>Storage Capacity</b>	-	<b>Storage Capacity</b>	-	-	-	-
<b>eSATA / Mini SAS</b>	8 SATA interfaces Up to 10 TB capacity for each HDD	<b>eSATA / Mini SAS</b>	4 SATA interfaces Up to 10 TB capacity for each HDD	<b>eSATA / Mini SAS</b>	4 SATA interfaces Up to 10 TB capacity for each HDD	<b>eSATA / Mini SAS</b>
<b>RAID Type</b>	RAIDO, RAID1, RAID5, RAID6, RAID10 VGA1: 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz HDMI1: 4K [3840 × 2160]/60Hz, 4K [3840 × 2160]/30Hz, 2K [2560 × 1440]/60Hz, 1920 × 1080/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	<b>RAID Type</b>	VGA: 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz, HDMI1/VGA Simultaneous Output HDMI1: 4K [3840 × 2160]/60Hz, 4K [3840 × 2160]/30Hz, 2K [2560 × 1440]/60Hz, 1920 × 1080/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz HDMI2: 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	<b>RAID Type</b>	VGA: 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz, HDMI1/VGA Simultaneous Output HDMI1: 4K [3840 × 2160]/60Hz, 4K [3840 × 2160]/30Hz, 2K [2560 × 1440]/60Hz, 1920 × 1080/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz HDMI2: 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	<b>RAID Type</b>
<b>Video Output</b>	2-ch, RCA (Linear, 1 KΩ) 16/4 (16/8 is optional)	<b>Video Output</b>	1-ch, RCA (Linear, 1 KΩ) 16/8	1-ch, RCA (Linear, 1 KΩ) 16/8	1-ch, RCA (Linear, 1 KΩ) 16/8	1-ch, RCA (Linear, 1 KΩ) 16/8
<b>Audio Output</b>	2, RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface	<b>Audio Output</b>	2, RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface	2, RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface	2, RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface	2, RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface
<b>PoE Port</b>	-	<b>Network Interface</b>	-	<b>Network Interface</b>	-	<b>Network Interface</b>
<b>USB Port</b>	Front panel: 2 × USB 2.0; Rear panel: 1 × USB 3.0	<b>PoE Port</b>	Front panel: 2 × USB 2.0; Rear panel: 1 × USB 3.0	<b>PoE Port</b>	Front panel: 2 × USB 2.0; Rear panel: 1 × USB 3.0	<b>PoE Port</b>
<b>Smart Function</b>	Deep learning based video analytics for not wearing hard hat detection and behavior analysis, including people running detection, people gathering detection, violent motion detection, using mobile phone detection, etc.	<b>USB Port</b>	Deep learning based video analytics for false alarm reduction, facial recognition and face picture comparison; VCA search for facial detection, false alarm reduction; Video Structuralization"	<b>Smart Function</b>	Deep learning based video analytics for false alarm reduction, facial recognition and face picture comparison; VCA search for facial detection, false alarm reduction; Video Structuralization"	<b>Smart Function</b>
<b>Power Consumption (without HDD)</b>	≤ 70 W	<b>Power Consumption (without HDD)</b>	≤ 30 W	<b>Power Consumption (without HDD)</b>	≤ 30 W	<b>Power Consumption (without HDD)</b>
<b>Description</b>	Up to 4-ch, facial recognition is supported for people not wearing hard hat; Up to 4-ch, including absence/sleep on duty detection people overstay detection, number of people exception detection, and using mobile phone detection; Up to 4-ch, including people gathering detection, people running detection, violent motion detection, and people falling down detection; Up to 4-ch, including line crossing detection, intrusion detection, region entrance detection, and region exiting detection	<b>Description</b>	32 libraries with 100,000 face pictures in total Face picture comparison and alarm linkage actions for up to 16 channels Up to 16-ch 2 MP video analysis for human and vehicle recognition to reduce false alarms Up to 4-ch 2MP Video Structuralization	<b>Description</b>	32 libraries with 100,000 face pictures in total Face picture comparison and alarm linkage actions for up to 16 channels Up to 16-ch 2 MP video analysis for human and vehicle recognition to reduce false alarms Up to 4-ch 2MP Video Structuralization	<b>Description</b>

Network Camera | PTZ Dome Camera | Panoramic Camera | Explosion-Proof & Anti-Corrosion Series | NVR | Storage Center | Data Center | Thermal Display | Commercial Display | Decoder | Controller | Video Wall Software | Accessories | DORI Distance

Model	iDS-7732NXI-I4/16P/16S(B)	iDS-7732NXI-I4/16S(B)	iDS-7716NXI-I4/16P/16S(B)	iDS-7716NXI-I4/16S(B)	Model	iDS-7616NXI-I2/8F
<b>Image</b>					<b>Image</b>	
<b>Hardware Platform</b>	Quad-core embedded processor	Quad-core embedded processor	Quad-core embedded processor	Quad-core embedded processor	<b>Hardware Platform</b>	Quad-core embedded processor
<b>Channel No.</b>	32-ch	32-ch	16-ch	16-ch	<b>Channel No.</b>	16-ch
<b>Decoding Format</b>	H.265 / H.265+ / H.264 / H.264+ / MPEG4	H.265 / H.265+ / H.264 / H.264+ / MPEG4	H.265 / H.265+ / H.264 / H.264+ / MPEG4	H.265 / H.265+ / H.264 / H.264+ / MPEG4	<b>Decoding Format</b>	H.265 / H.265+ / H.264 / H.264+ / MPEG4
<b>Incoming/Outgoing Bandwidth</b>	320 Mbps / 256 Mbps	<b>Incoming/Outgoing Bandwidth</b>	160 Mbps / 256 Mbps			
<b>Decoding Capacity</b>	16-ch @ 1080p (30 fps)	<b>Decoding Capacity</b>	16-ch @ 1080p (30 fps)			
<b>Recording Resolution</b>	12 MP / 8 MP / 6 MP / 5 MP / 4 MP / 3 MP / 1080p / UXGA / 720p / VGA / 4CIF / DCIF / 2CIF / CIF / QCIF	12 MP / 8 MP / 6 MP / 5 MP / 4 MP / 3 MP / 1080p / UXGA / 720p / VGA / 4CIF / DCIF / 2CIF / CIF / QCIF	12 MP / 8 MP / 6 MP / 5 MP / 4 MP / 3 MP / 1080p / UXGA / 720p / VGA / 4CIF / DCIF / 2CIF / CIF / QCIF	12 MP / 8 MP / 6 MP / 5 MP / 4 MP / 3 MP / 1080p / UXGA / 720p / VGA / 4CIF / DCIF / 2CIF / CIF / QCIF	<b>Recording Resolution</b>	12 MP / 8 MP / 6 MP / 5 MP / 4 MP / 3 MP / 1080p / UXGA / 720p / VGA / 4CIF / DCIF / 2CIF / CIF / QCIF
<b>Display</b>	2 HDMI / 1 VGA	<b>Display</b>	1 HDMI / 1 VGA / 1 CVBS			
<b>LCD</b>	-	-	-	-	<b>LCD</b>	-
<b>Storage Capacity</b>	4 SATA interfaces Up to 8 TB capacity for each HDD	4 SATA interfaces Up to 8 TB capacity for each HDD	4 SATA interfaces Up to 8 TB capacity for each HDD	4 SATA interfaces Up to 8 TB capacity for each HDD	<b>Storage Capacity</b>	2 SATA interfaces Up to 6 TB capacity for each HDD
<b>eSATA / Mini SAS</b>	1 eSATA interface	1 eSATA interface	1 eSATA interface	1 eSATA interface	<b>eSATA / Mini SAS</b>	-
<b>RAID Type</b>	-	-	-	-	<b>RAID Type</b>	-
<b>Video Output</b>	VGA:1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz, HDMI1/VGA Simultaneous Output HDMI1:4K [3840 × 2160]/60Hz, 4K [3840 × 2160]/30Hz, 2K [2560 × 1440]/60Hz, 1920 × 1080/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz HDMI2:1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	VGA:1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz, HDMI1/VGA Simultaneous Output HDMI1:4K [3840 × 2160]/60Hz, 4K [3840 × 2160]/30Hz, 2K [2560 × 1440]/60Hz, 1920 × 1080/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz HDMI2:1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	VGA:1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz, HDMI1/VGA Simultaneous Output HDMI1:4K [3840 × 2160]/60Hz, 4K [3840 × 2160]/30Hz, 2K [2560 × 1440]/60Hz, 1920 × 1080/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz HDMI2:1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	VGA:1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz, HDMI1/VGA Simultaneous Output HDMI1:4K [3840 × 2160]/60Hz, 4K [3840 × 2160]/30Hz, 2K [2560 × 1440]/60Hz, 1920 × 1080/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz HDMI2:1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	<b>Video Output</b>	VGA:1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz, HDMI/VGA independent output HDMI1:1-ch, 4K [3840 × 2160]/60Hz, 4K [3840 × 2160]/30Hz, 2K [2560 × 1440]/60Hz, 1920 × 1080/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
<b>Audio Output</b>	1-ch, RCA [Linear, 1 KΩ]	<b>Audio Output</b>	1-ch, RCA [Linear, 1 KΩ]			
<b>Alarm I/O</b>	16/8	16/8	16/8	16/8	<b>Alarm I/O</b>	4/1
<b>Network Interface</b>	1, RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface	2, RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface	1, RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface	2, RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface	<b>Network Interface</b>	1, RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface
<b>PoE Port</b>	16 RJ-45 10/100 Mbps self-adaptive Ethernet interfaces	-	16 RJ-45 10/100 Mbps self-adaptive Ethernet interfaces	-	<b>PoE Port</b>	-
<b>USB Port</b>	Front panel: 2 × USB 2.0; Rear panel: 1 × USB 3.0	Front panel: 2 × USB 2.0; Rear panel: 1 × USB 3.0	Front panel: 2 × USB 2.0; Rear panel: 1 × USB 3.0	Front panel: 2 × USB 2.0; Rear panel: 1 × USB 3.0	<b>USB Port</b>	Front panel: 1 × USB 2.0; Rear panel: 1 × USB 3.0
<b>Smart Function</b>	Deep learning based video analytics for false alarm reduction; VCA search for false alarm reduction	Deep learning based video analytics for false alarm reduction; VCA search for false alarm reduction	Deep learning based video analytics for false alarm reduction; VCA search for false alarm reduction	Deep learning based video analytics for false alarm reduction; VCA search for false alarm reduction	<b>Smart Function</b>	Deep learning based video analytics for false alarm reduction, facial recognition and face picture comparison
<b>Power Consumption (without HDD)</b>	≤ 30 W	≤ 30 W	≤ 30 W	≤ 30 W	<b>Power Consumption (without HDD)</b>	≤ 15 W
<b>Description</b>	Up to 16-ch 2 MP video analysis for human and vehicle recognition to reduce false alarms	Up to 16-ch 2 MP video analysis for human and vehicle recognition to reduce false alarms	Up to 16-ch 2 MP video analysis for human and vehicle recognition to reduce false alarms	Up to 16-ch 2 MP video analysis for human and vehicle recognition to reduce false alarms	<b>Description</b>	16 libraries with 100,000 face pictures in total; Face picture comparison and alarm linkage actions for up to 8 channels

### NVS Series

Model	iDS-7616NXI-I2/16P/8F	iDS-7608NXI-I2/8F	iDS-7608NXI-I2/8P/8F
<b>Image</b>			
	<b>DeepinMind</b>	<b>DeepinMind</b>	<b>DeepinMind</b>
<b>Hardware Platform</b>	Quad-core embedded processor	Quad-core embedded processor	Quad-core embedded processor
<b>Channel No.</b>	16-ch	8-ch	8-ch
<b>Decoding Format</b>	H.265 / H.265+ / H.264 / H.264+ / MPEG4	H.265 / H.265+ / H.264 / H.264+ / MPEG4	H.265 / H.265+ / H.264 / H.264+ / MPEG4
<b>Incoming/Outgoing Bandwidth</b>	160 Mbps / 256 Mbps	80 Mbps / 256 Mbps	80 Mbps / 256 Mbps
<b>Decoding Capacity</b>	16-ch @ 1080p (30 fps) 12 MP / 8 MP / 6 MP / 5 MP / 4 MP / 3 MP / 1080p / UXGA / 720p / VGA / 4CIF / DCIF / 2CIF / CIF / QCIF	16-ch @ 1080p (30 fps) 12 MP / 8 MP / 6 MP / 5 MP / 4 MP / 3 MP / 1080p / UXGA / 720p / VGA / 4CIF / DCIF / 2CIF / CIF / QCIF	16-ch @ 1080p (30 fps) 12 MP / 8 MP / 6 MP / 5 MP / 4 MP / 3 MP / 1080p / UXGA / 720p / VGA / 4CIF / DCIF / 2CIF / CIF / QCIF
<b>Recording Resolution</b>			
<b>Display</b>	1 HDMI / 1 VGA / 1 CVBS	1 HDMI / 1 VGA / 1 CVBS	1 HDMI / 1 VGA / 1 CVBS
<b>LCD</b>	-	-	-
<b>Storage Capacity</b>	2 SATA interfaces Up to 6 TB capacity for each HDD	2 SATA interfaces Up to 6 TB capacity for each HDD	2 SATA interfaces Up to 6 TB capacity for each HDD
<b>eSATA / Mini SAS</b>	-	-	-
<b>RAID Type</b>	-	-	-
<b>Video Output</b>	VGA:1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz, HDMI/VGA independent output HDMI:1-ch, 4K (3840 × 2160)/60Hz, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	VGA:1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz, HDMI/VGA independent output HDMI:1-ch, 4K (3840 × 2160)/60Hz, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	VGA:1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz, HDMI/VGA independent output HDMI:1-ch, 4K (3840 × 2160)/60Hz, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
<b>Audio Output</b>	1-ch, RCA (Linear, 1 KΩ)	1-ch, RCA (Linear, 1 KΩ)	1-ch, RCA (Linear, 1 KΩ)
<b>Alarm I/O</b>	4/1	4/1	4/1
<b>Network Interface</b>	1, RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface	1, RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface	1, RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface
<b>PoE Port</b>	16, RJ-45 10/100 Mbps self-adaptive Ethernet interface	-	8, RJ-45 10/100 Mbps self-adaptive Ethernet interface
<b>USB Port</b>	Front panel: 1 × USB 2.0; Rear panel: 1 × USB 3.0	Front panel: 1 × USB 2.0; Rear panel: 1 × USB 3.0	Front panel: 1 × USB 2.0; Rear panel: 1 × USB 3.0
<b>Smart Function</b>	Deep learning based video analytics for false alarm reduction, facial recognition and face picture comparison	Deep learning based video analytics for false alarm reduction, facial recognition and face picture comparison	Deep learning based video analytics for false alarm reduction, facial recognition and face picture comparison
<b>Power Consumption (without HDD)</b>	≤ 15 W	≤ 15 W	≤ 15 W
<b>Description</b>	16 libraries with 100,000 face pictures in total; Face picture comparison and alarm linkage actions for up to 8 channels	16 libraries with 100,000 face pictures in total; Face picture comparison and alarm linkage actions for up to 8 channels	16 libraries with 100,000 face pictures in total; Face picture comparison and alarm linkage actions for up to 8 channels

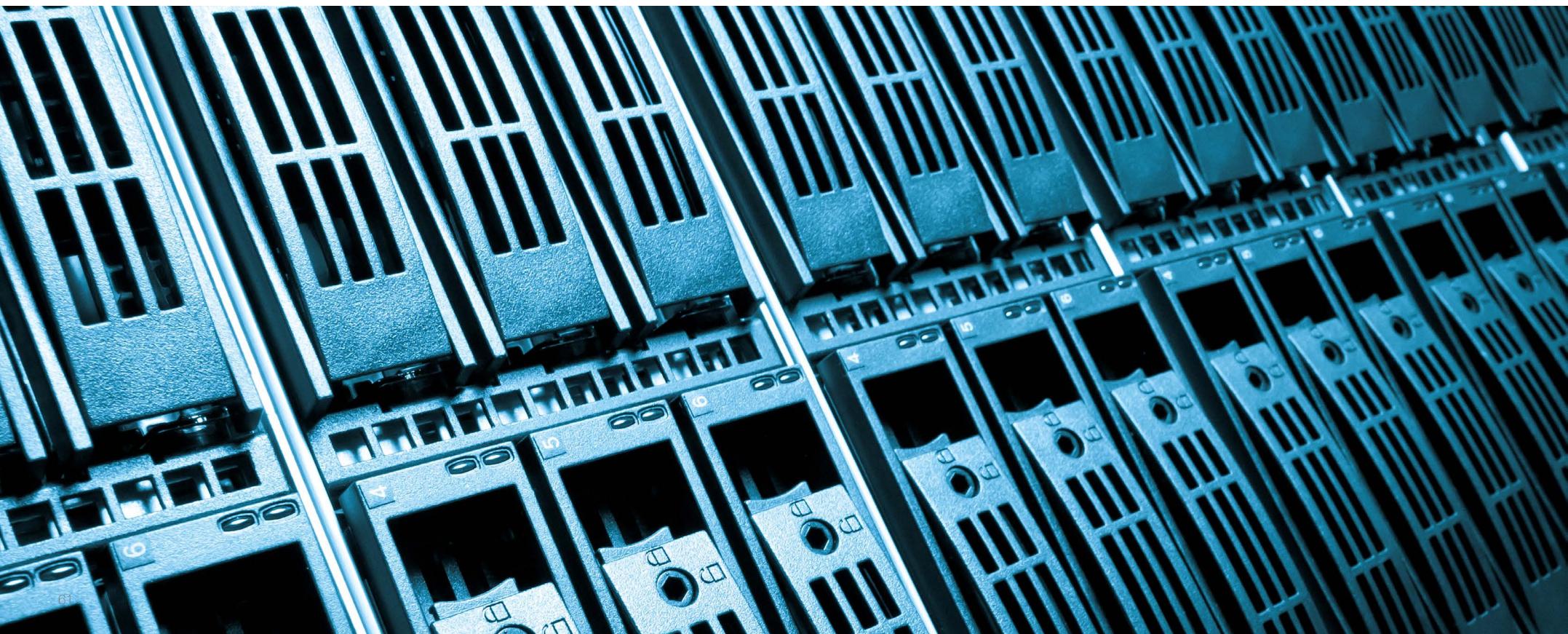
Model	iDS-7616NXI-I/16S(B)	iDS-6708NXI-I/8F(B)	iDS-6704NXI/BA
<b>Image</b>			
	<b>DeepinMind</b>	<b>DeepinMind</b>	<b>DeepinMind</b>
<b>Hardware Platform</b>	Quad-core embedded processor	Quad-core embedded processor	Quad-core embedded processor
<b>Channel No.</b>	16-ch	8-ch	4-ch
<b>Decoding Format</b>	H.265 / H.265+ / H.264 / H.264+ / MPEG4	H.265 / H.265+ / H.264 / H.264+ / MPEG4	H.265 / H.265+ / H.264 / H.264+ / MPEG4
<b>Incoming/Outgoing Bandwidth</b>	320 Mbps / 250 Mbps	256 Mbps / 200 Mbps	256 Mbps / 200 Mbps
<b>Decoding Capacity</b>	16-ch @ 1080p (30 fps) 12 MP / 8 MP / 6 MP / 5 MP / 4 MP / 3 MP / 1080p / UXGA / 720p / VGA / 4CIF / DCIF / 2CIF / CIF / QCIF	16-ch @ 1080p (30 fps) 12 MP / 8 MP / 6 MP / 5 MP / 4 MP / 3 MP / 1080p / UXGA / 720p / VGA / 4CIF / DCIF / 2CIF / CIF / QCIF	16-ch @ 1080p (30 fps) 12 MP / 8 MP / 6 MP / 5 MP / 4 MP / 3 MP / 1080p / UXGA / 720p / VGA / 4CIF / DCIF / 2CIF / CIF / QCIF
<b>Recording Resolution</b>			
<b>Display</b>	-	2 HDMI / 2 VGA	2 HDMI / 2 VGA
<b>LCD</b>	-	-	-
<b>Storage Capacity</b>	1 SATA interface built-in 3.5-inch 2 TB SATA hard disk	1 SATA interface built-in 3.5-inch 2 TB SATA hard disk	-
<b>eSATA/Mini SAS</b>	-	-	-
<b>RAID Type</b>	-	-	-
<b>Video Output</b>	-	2 × VGA 2 × HDMI	2 × VGA 2 × HDMI
<b>Audio Output</b>	1-ch, RCA (Linear, 1 KΩ)	1-ch, RCA (Linear, 1 KΩ)	1-ch, RCA (Linear, 1 KΩ)
<b>Alarm I/O</b>	16/4	16/4	16/4
<b>Network Interface</b>	2, RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface	2, RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface	2, RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface
<b>PoE Port</b>	-	-	-
<b>USB Port</b>	-	Rear panel: 1 × USB 3.0, 1 × USB 2.0	Rear panel: 1 × USB 3.0, 1 × USB 2.0
<b>Smart Function</b>	Deep learning based video analytics for false alarm reduction; VCA search for false alarm reduction	Deep learning based video analytics for false alarm reduction; VCA search for false alarm reduction	Deep learning based video analytics for not wearing hard hat detection and behavior analysis, including people running detection, people gathering detection, violent motion detection, using mobile phone detection, etc.
<b>Power Consumption (without HDD)</b>	≤ 30 W	≤ 30 W	≤ 30 W
<b>Description</b>	Up to 16-ch 2 MP video analysis for human and vehicle recognition to reduce false alarms  32 libraries with 100,000 face pictures in total; Face picture comparison and alarm linkage actions for up to 8 channels	Up to 16-ch 2 MP video analysis for human and vehicle recognition to reduce false alarms  32 libraries with 100,000 face pictures in total; Face picture comparison and alarm linkage actions for up to 8 channels	Up to 4-ch, facial recognition is supported for people not wearing hard hat 16 libraries 100000 pictures Up to 4-ch, including absence/sleep on duty detection people overstay detection, number of people exception detection, and using mobile phone detection Up to 4-ch, including people gathering detection, people running detection, violent motion detection, and people falling down detection Up to 4-ch, including line crossing detection, intrusion detection, region entrance detection, and region exiting detection

Network Camera | PTZ Dome Camera | Panoramic Camera | Explosion-Proof & Anti-Corrosion Series | NVR | Storage Network | Data Center | Thermal Display | Commercial Decoder | Video Wall Controller | Software Accessories | DORI Distance

# Ultra Series NVR

## Superior Storage and Robust Recording

- H.265+/H.265, H.264+/H.264, MPEG4 self-adapting decoding
- Advanced streaming technology enables a smooth live feed even under imperfect network conditions
- Supports RAID 0, 1, 5, 6, 10 and N+1 hot spare for even more reliable data storage, effectively reducing data loss risks
- Supports people counting cameras, automatic number plate recognition (ANPR) cameras, fisheye cameras, and PoS text overlay
- Supports IoT systems (CCTV and Non-CCTV convergence)



Model	DS-96256NI-I24/H	DS-96256NI-I24	DS-96128NI-I24/H	DS-96128NI-I24	DS-96256NI-I16
<b>Image</b>			HOT	HOT	
<b>Hardware Platform</b>	Intel Xeon E3 Quad-Core processor	Intel Xeon E3 Quad-Core processor	Intel Xeon E3 Quad-Core processor	Intel Core i3 Dual-Core processor	Intel Xeon E3 Quad-Core processor
<b>Channel No.</b>	256-ch	256-ch	128-ch	128-ch	256-ch
<b>Decoding Format</b>	H.265, H.265+, H.264, H.264+, MPEG4, MJPEG (for Hikvision IP camera only)	H.265, H.265+, H.264, H.264+, MPEG4, MJPEG (for Hikvision IP camera only)	H.265, H.265+, H.264, H.264+, MPEG4, MJPEG (for Hikvision IP camera only)	H.265, H.265+, H.264, H.264+, MPEG4, MJPEG (for Hikvision IP camera only)	H.265, H.265+, H.264, H.264+, MPEG4, MJPEG (for Hikvision IP camera only)
<b>Incoming/Outgoing Bandwidth</b>	768 Mbps / 768 Mbps 768 Mbps / 768 Mbps [RAID mode]	768 Mbps / 768 Mbps 768 Mbps / 768 Mbps [RAID mode]	768 Mbps / 512 Mbps 768 Mbps / 512 Mbps [RAID mode]	576 Mbps / 512 Mbps 576 Mbps / 512 Mbps [RAID mode]	768 Mbps / 768 Mbps 768 Mbps / 768 Mbps [RAID mode]
<b>Decoding Capacity</b>	20-ch @ 1080p				
<b>Recording Resolution</b>	12 MP / 8 MP / 7 MP / 6 MP / 5 MP / 4 MP / 3 MP / 1080p / UXGA / 720p / VGA / 4CIF / DCIF / 2CIF / CIF / QCIF	12 MP / 8 MP / 7 MP / 6 MP / 5 MP / 4 MP / 3 MP / 1080p / UXGA / 720p / VGA / 4CIF / DCIF / 2CIF / CIF / QCIF	12 MP / 8 MP / 7 MP / 6 MP / 5 MP / 4 MP / 3 MP / 1080p / UXGA / 720p / VGA / 4CIF / DCIF / 2CIF / CIF / QCIF	12 MP / 8 MP / 7 MP / 6 MP / 5 MP / 4 MP / 3 MP / 1080p / UXGA / 720p / VGA / 4CIF / DCIF / 2CIF / CIF / QCIF	12 MP / 8 MP / 7 MP / 6 MP / 5 MP / 4 MP / 3 MP / 1080p / UXGA / 720p / VGA / 4CIF / DCIF / 2CIF / CIF / QCIF
<b>Display</b>	2 HDMI / 1 VGA				
<b>Video Output</b>	HDMI: Two independent HDMI outputs of 4K resolution. Resolution: 4K (4096 × 2160), 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1080p (1920 × 1080)/60Hz, UXGA (1600 × 1200)/60Hz, SXGA (1280 × 1024)/60Hz, 720p (1280 × 720)/60Hz, XGA (1024 × 768)/60Hz  VGA: 1-ch. Resolution: 1080p (1920 × 1080)/60Hz, UXGA (1600 × 1200)/60Hz, SXGA (1280 × 1024)/60Hz, 720p (1280 × 720)/60Hz, XGA (1024 × 768)/60Hz	HDMI: Two independent HDMI outputs of 4K resolution. Resolution: 4K (4096 × 2160), 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1080p (1920 × 1080)/60Hz, UXGA (1600 × 1200)/60Hz, SXGA (1280 × 1024)/60Hz, 720p (1280 × 720)/60Hz, XGA (1024 × 768)/60Hz  VGA: 1-ch. Resolution: 1080p (1920 × 1080)/60Hz, UXGA (1600 × 1200)/60Hz, SXGA (1280 × 1024)/60Hz, 720p (1280 × 720)/60Hz, XGA (1024 × 768)/60Hz	HDMI: Two independent HDMI outputs of 4K resolution. Resolution: 4K (4096 × 2160), 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1080p (1920 × 1080)/60Hz, UXGA (1600 × 1200)/60Hz, SXGA (1280 × 1024)/60Hz, 720p (1280 × 720)/60Hz, XGA (1024 × 768)/60Hz  VGA: 1-ch. Resolution: 1080p (1920 × 1080)/60Hz, UXGA (1600 × 1200)/60Hz, SXGA (1280 × 1024)/60Hz, 720p (1280 × 720)/60Hz, XGA (1024 × 768)/60Hz	HDMI: Two independent HDMI outputs of 4K resolution. Resolution: 4K (4096 × 2160), 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1080p (1920 × 1080)/60Hz, UXGA (1600 × 1200)/60Hz, SXGA (1280 × 1024)/60Hz, 720p (1280 × 720)/60Hz, XGA (1024 × 768)/60Hz  VGA: 1-ch. Resolution: 1080p (1920 × 1080)/60Hz, UXGA (1600 × 1200)/60Hz, SXGA (1280 × 1024)/60Hz, 720p (1280 × 720)/60Hz, XGA (1024 × 768)/60Hz	HDMI: Two independent HDMI outputs of 4K resolution. Resolution: 4K (4096 × 2160), 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1080p (1920 × 1080)/60Hz, UXGA (1600 × 1200)/60Hz, SXGA (1280 × 1024)/60Hz, 720p (1280 × 720)/60Hz, XGA (1024 × 768)/60Hz  VGA: 1-ch. Resolution: 1080p (1920 × 1080)/60Hz, UXGA (1600 × 1200)/60Hz, SXGA (1280 × 1024)/60Hz, 720p (1280 × 720)/60Hz, XGA (1024 × 768)/60Hz
<b>LCD</b>	One 7 inch LCD [Optional]				
<b>Storage Capacity</b>	24 SATA interfaces supporting hot-plug Up to 10 TB for each HDD	24 SATA interfaces supporting hot-plug Up to 10 TB for each HDD	24 SATA interfaces supporting hot-plug Up to 10 TB for each HDD	24 SATA interfaces supporting hot-plug Up to 10 TB for each HDD	16 SATA interfaces supporting hot-plug Up to 10 TB for each HDD
<b>eSATA / Mini SAS</b>	1 × eSATA interface, 2 × mini SAS interface [optional]	1 × eSATA interface, 2 × mini SAS interface [optional]	1 × eSATA interface, 2 × mini SAS interface [optional]	1 × eSATA interface, 2 × mini SAS interface [optional]	1 × eSATA interface, 2 × mini SAS interface [optional]
<b>RAID Type</b>	RAIDO, RAID1, RAID5, RAID 6, and RAID10				
<b>Audio Output</b>	1-ch. RCA [2.0 Vp-p, 1 kΩ]				
<b>Alarm I/O</b>	16/8	16/8	16/8	16/8	16/8
<b>Network Interface</b>	4, RJ45 10M/100M/1000M self-adaptive Ethernet interface				
<b>PoE Port</b>	-	-	-	-	-
<b>USB Port</b>	Front Panel: 1 × USB 2.0; Rear Panel: 2 × USB 3.0	Front Panel: 1 × USB 2.0; Rear Panel: 2 × USB 3.0	Front Panel: 1 × USB 2.0; Rear Panel: 2 × USB 3.0	Front Panel: 1 × USB 2.0; Rear Panel: 2 × USB 3.0	Front Panel: 2 × USB 2.0; Rear Panel: 2 × USB 3.0
<b>Smart Function</b>	Face detection, behavior analysis, people counting and heat map	Face detection, behavior analysis, people counting and heat map	Face detection, behavior analysis, people counting and heat map	Face detection, behavior analysis, people counting and heat map	Face detection, behavior analysis, people counting and heat map
<b>Power Consumption (without HDD)</b>	≤ 140W				
<b>Description</b>	-	-	-	-	-

Network Camera, PTZ Dome Camera, Panoramic Camera, Explosion-Proof & Anti-Corrosion Series, NVR, Storage Center, Data Network, Thermal Display, Commercial Display, Decoder, Video Wall Controller, Software Accessories, DORI Distance

Model	DS-96256NI-I16/H	DS-96128NI-I16	DS-96128NI-I16/H	DS-96064NI-I16	DS-9664NI-I16	DS-9632NI-I16
Image						
Hardware Platform	Intel Xeon E3 Quad-Core processor	Intel Core i3 Dual-Core processor	Intel Core i3 Dual-Core processor	Intel Pentium Dual-Core processor	Quad-core embedded processor	Quad-core embedded processor
Channel No.	256-ch	128-ch	128-ch	64-ch	64-ch	32-ch
Decoding Format	H.265, H.265+, H.264, H.264+, MPEG4, MJPEG (for Hikvision IP camera only)	H.265, H.265+, H.264, H.264+, MPEG4, MJPEG (for Hikvision IP camera only)	H.265, H.265+, H.264, H.264+, MPEG4, MJPEG (for Hikvision IP camera only)	H.265, H.265+, H.264, H.264+, MPEG4, MJPEG (for Hikvision IP camera only)	H.265 / H.265+ / H.264 / H.264+ / MPEG4	H.265 / H.265+ / H.264 / H.264+ / MPEG4
Incoming/Outgoing Bandwidth	768 Mbps / 768 Mbps 768 Mbps / 768 Mbps (RAID mode)	576 Mbps / 512 Mbps 576 Mbps / 512 Mbps (RAID mode)	768 Mbps / 512 Mbps 768 Mbps / 512 Mbps (RAID mode)	512 Mbps / 512 Mbps 512 Mbps / 400 Mbps (RAID mode)	320 Mbps / 256 Mbps 200 Mbps / 200 Mbps (RAID mode)	320 Mbps / 256 Mbps 200 Mbps / 200 Mbps (RAID mode)
Decoding Capacity	20-ch @ 1080p	20-ch @ 1080p	20-ch @ 1080p	20-ch @ 1080p	2-ch @ 12 MP (20 fps) / 4-ch @ 8 MP (25 fps) / 8-ch @ 4 MP (30 fps) / 16-ch @ 1080p (30 fps)	2-ch @ 12 MP (20 fps) / 4-ch @ 8 MP (25 fps) / 8-ch @ 4 MP (30 fps) / 16-ch @ 1080p (30 fps)
Recording Resolution	12 MP / 8 MP / 7 MP / 6 MP / 5 MP / 4 MP / 3 MP / 1080p / UXGA / 720p / VGA / 4CIF / DCIF / 2CIF / CIF / QCIF	12 MP / 8 MP / 7 MP / 6 MP / 5 MP / 4 MP / 3 MP / 1080p / UXGA / 720p / VGA / 4CIF / DCIF / 2CIF / CIF / QCIF	12 MP / 8 MP / 7 MP / 6 MP / 5 MP / 4 MP / 3 MP / 1080p / UXGA / 720p / VGA / 4CIF / DCIF / 2CIF / CIF / QCIF	12 MP / 8 MP / 7 MP / 6 MP / 5 MP / 4 MP / 3 MP / 1080p / UXGA / 720p / VGA / 4CIF / DCIF / 2CIF / CIF / QCIF	12 MP / 8 MP / 6 MP / 5 MP / 4 MP / 3 MP / 1080p / UXGA / 720p / VGA / 4CIF / DCIF / 2CIF / CIF / QCIF	12 MP / 8 MP / 6 MP / 5 MP / 4 MP / 3 MP / 1080p / UXGA / 720p / VGA / 4CIF / DCIF / 2CIF / CIF / QCIF
Display	2 HDMI / 1 VGA	2 HDMI / 2 VGA	2 HDMI / 2 VGA			
Video Output	HDMI: Two independent HDMI outputs of 4K resolution. Resolution: 4K (4096 × 2160), 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1080p (1920 × 1080)/60Hz, UXGA (1600 × 1200)/60Hz, SXGA (1280 × 1024)/60Hz, 720p (1280 × 720)/60Hz, XGA (1024 × 768)/60Hz  VGA: 1-ch. Resolution: 1080p (1920 × 1080)/60Hz, UXGA (1600 × 1200)/60Hz, SXGA (1280 × 1024)/60Hz, 720p (1280 × 720)/60Hz, XGA (1024 × 768)/60Hz	HDMI: Two independent HDMI outputs of 4K resolution. Resolution: 4K (4096 × 2160), 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1080p (1920 × 1080)/60Hz, UXGA (1600 × 1200)/60Hz, SXGA (1280 × 1024)/60Hz, 720p (1280 × 720)/60Hz, XGA (1024 × 768)/60Hz  VGA: 1-ch. Resolution: 1080p (1920 × 1080)/60Hz, UXGA (1600 × 1200)/60Hz, SXGA (1280 × 1024)/60Hz, 720p (1280 × 720)/60Hz, XGA (1024 × 768)/60Hz	HDMI: Two independent HDMI outputs of 4K resolution. Resolution: 4K (4096 × 2160), 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1080p (1920 × 1080)/60Hz, UXGA (1600 × 1200)/60Hz, SXGA (1280 × 1024)/60Hz, 720p (1280 × 720)/60Hz, XGA (1024 × 768)/60Hz  VGA: 1-ch. Resolution: 1080p (1920 × 1080)/60Hz, UXGA (1600 × 1200)/60Hz, SXGA (1280 × 1024)/60Hz, 720p (1280 × 720)/60Hz, XGA (1024 × 768)/60Hz	HDMI: Two independent HDMI outputs of 4K resolution. Resolution: 4K (4096 × 2160), 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1080p (1920 × 1080)/60Hz, UXGA (1600 × 1200)/60Hz, SXGA (1280 × 1024)/60Hz, 720p (1280 × 720)/60Hz, XGA (1024 × 768)/60Hz  VGA: 1-ch. Resolution: 1080p (1920 × 1080)/60Hz, UXGA (1600 × 1200)/60Hz, SXGA (1280 × 1024)/60Hz, 720p (1280 × 720)/60Hz, XGA (1024 × 768)/60Hz	VGA1: 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz HDMI1: 4K (3840 × 2160)/60Hz, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1080p (1920 × 1080)/60Hz, UXGA (1600 × 1200)/60Hz, SXGA (1280 × 1024)/60Hz, 720p (1280 × 720)/60Hz, XGA (1024 × 768)/60Hz VGA2/HDMI2: 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	VGA1: 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz HDMI1: 4K (3840 × 2160)/60Hz, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1080p (1920 × 1080)/60Hz, UXGA (1600 × 1200)/60Hz, SXGA (1280 × 1024)/60Hz, 720p (1280 × 720)/60Hz, XGA (1024 × 768)/60Hz VGA2/HDMI2: 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
LCD	One 7 inch LCD (Optional)	-	-			
Storage Capacity	16 SATA interfaces supporting hot-plug Up to 10 TB for each HDD	16 SATA interfaces supporting hot-plug Up to 10 TB for each HDD	16 SATA interfaces supporting hot-plug Up to 10 TB for each HDD	16 SATA interfaces supporting hot-plug Up to 10 TB for each HDD	16 SATA interfaces Up to 10 TB for each HDD	16 SATA interfaces Up to 10 TB for each HDD
eSATA / Mini SAS	1 × eSATA interface, 2 × mini SAS interface (optional)	1 × eSATA interface, 2 × mini SAS interface (optional)	1 × eSATA interface, 2 × mini SAS interface (optional)	1 × eSATA interface, 2 × mini SAS interface (optional)	1 × eSATA interface	1 × eSATA interface
RAID Type	RAID0, RAID1, RAID5, RAID 6, and RAID10	RAID0, RAID1, RAID5, RAID 6, and RAID10	RAID0, RAID1, RAID5, RAID 6, and RAID10			
Audio Output	1-ch. RCA (2.0 Vp-p, 1 kΩ)	1-ch. RCA (2.0 Vp-p, 1 kΩ)	1-ch. RCA (2.0 Vp-p, 1 kΩ)			
Alarm I/O	16/8	16/8	16/8	16/8	16/8	16/8
Network Interface	4, RJ45 10M/100M/1000M self-adaptive Ethernet interface	4, RJ45 10M/100M/1000M self-adaptive Ethernet interface	4, RJ45 10M/100M/1000M self-adaptive Ethernet interface	4, RJ45 10M/100M/1000M self-adaptive Ethernet interface	2, RJ45 10M/100M/1000M self-adaptive Ethernet interface	2, RJ45 10M/100M/1000M self-adaptive Ethernet interface
PoE Port	-	-	-	-	-	-
USB Port	Front Panel: 2 × USB 2.0; Rear Panel: 2 × USB 3.0	Front Panel: 2 × USB 2.0; Rear Panel: 2 × USB 3.0	Front Panel: 2 × USB 2.0; Rear Panel: 2 × USB 3.0	Front Panel: 2 × USB 2.0; Rear Panel: 2 × USB 3.0	Front Panel: 2 × USB 2.0; Rear Panel: 1 × USB 3.0	Front Panel: 2 × USB 2.0; Rear Panel: 1 × USB 3.0
Smart Function	Face detection, behavior analysis, people counting and heat map	Face detection, behavior analysis, people counting and heat map	Face detection, behavior analysis, people counting and heat map	Face detection, behavior analysis, people counting and heat map	Supports multiple VCA(Video Content Analytics) events for IP cameras	Supports multiple VCA(Video Content Analytics) events for IP cameras
Power Consumption (without HDD)	≤ 140W	≤ 140W	≤ 140W	≤ 140W	≤ 45 W	≤ 45 W
Description	-	-	-	-	-	-

Model	DS-9664NI-I8	DS-9632NI-I8	DS-9616NI-I8	DS-8632NI-K8	DS-8616NI-K8
Image	 HOT	 HOT			
Hardware Platform	Quad-core embedded processor	Quad-core embedded processor	Quad-core embedded processor	Quad-core embedded processor	Quad-core embedded processor
Channel No.	64-ch	32-ch	16-ch	32-ch	16-ch
Decoding Format	H.265 / H.265+ / H.264 / H.264+ / MPEG4	H.265 / H.265+ / H.264 / H.264+ / MPEG4	H.265 / H.265+ / H.264 / H.264+ / MPEG4	H.265 / H.265+ / H.264 / H.264+ / MPEG4	H.265 / H.265+ / H.264 / H.264+ / MPEG4
Incoming/Outgoing Bandwidth	320 Mbps / 256 Mbps 200 Mbps / 200 Mbps (RAID mode)	320 Mbps / 256 Mbps 200 Mbps / 200 Mbps (RAID mode)	256 Mbps / 256 Mbps 200 Mbps / 200 Mbps (RAID mode)	256 Mbps / 160 Mbps	160 Mbps / 160 Mbps
Decoding Capacity	2-ch @ 12 MP [20 fps] / 4-ch @ 8 MP [25 fps] / 8-ch @ 4 MP [30 fps] / 16-ch @ 1080p [30 fps]	2-ch @ 12 MP [20 fps] / 4-ch @ 8 MP [25 fps] / 8-ch @ 4 MP [30 fps] / 16-ch @ 1080p [30 fps]	2-ch @ 12 MP [20 fps] / 4-ch @ 8 MP [25 fps] / 8-ch @ 4 MP [30 fps] / 16-ch @ 1080p [30 fps]	2-ch @ 8 MP [25 fps] / 4-ch @ 4 MP [30 fps] / 8-ch @ 1080p [30 fps]	2-ch @ 8 MP [25 fps] / 4-ch @ 4 MP [30 fps] / 8-ch @ 1080p [30 fps]
Recording Resolution	12 MP / 8 MP / 6 MP / 5 MP / 4 MP / 3 MP / 1080p / UXGA / 720p / VGA / 4CIF / DCIF / 2CIF / CIF / QCIF	12 MP / 8 MP / 6 MP / 5 MP / 4 MP / 3 MP / 1080p / UXGA / 720p / VGA / 4CIF / DCIF / 2CIF / CIF / QCIF	12 MP / 8 MP / 6 MP / 5 MP / 4 MP / 3 MP / 1080p / UXGA / 720p / VGA / 4CIF / DCIF / 2CIF / CIF / QCIF	8 MP / 6 MP / 5 MP / 4 MP / 3 MP / 1080p / UXGA / 720p / VGA / 4CIF / DCIF	8 MP / 6 MP / 5 MP / 4 MP / 3 MP / 1080p / UXGA / 720p / VGA / 4CIF / DCIF
Display	2 HDMI / 2 VGA	2 HDMI / 2 VGA	2 HDMI / 2 VGA	2 HDMI / 2 VGA	2 HDMI / 2 VGA
Video Output	HDMI1: 4K [3840 × 2160]/60Hz, 4K [3840 × 2160]/30Hz, 2K [2560 × 1440]/60Hz, 1920 × 1080p/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz  VGA1: 2K [2560 × 1440]/60Hz, 1920 × 1080p/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz  VGA2/HDMI2: 1920 × 1080p/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	HDMI1: 4K [3840 × 2160]/60Hz, 4K [3840 × 2160]/30Hz, 2K [2560 × 1440]/60Hz, 1920 × 1080p/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz  VGA1: 2K [2560 × 1440]/60Hz, 1920 × 1080p/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz  VGA2/HDMI2: 1920 × 1080p/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	HDMI1: 4K [3840 × 2160]/30Hz, 2K [2560 × 1440]/60Hz, 1920 × 1080/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz  HDMI2: 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz  VGA1: 2K [2560 × 1440]/60Hz, 1920 × 1080p/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz  VGA2: 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	HDMI1: 4K [3840 × 2160]/30Hz, 2K [2560 × 1440]/60Hz, 1920 × 1080/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz  HDMI2: 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz  VGA1: 2K [2560 × 1440]/60Hz, 1920 × 1080p/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz  VGA2: 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	
LCD	-	-	-	-	-
Storage Capacity	8 SATA interfaces Up to 10 TB for each HDD	8 SATA interfaces Up to 10 TB for each HDD	8 SATA interfaces Up to 10 TB for each HDD	8 SATA interfaces Up to 6TB capacity for each HDD	8 SATA interfaces Up to 6TB capacity for each HDD
eSATA / Mini SAS	1 eSATA interface	1 eSATA interface	1 eSATA interface	1 eSATA interface	1 eSATA interface
RAID Type	RAIDO, RAID1, RAID5, RAID 6, RAID10	RAIDO, RAID1, RAID5, RAID6, RAID10	RAIDO, RAID1, RAID5, RAID6, RAID10	-	-
Audio Output	2-ch. RCA [2.0 Vp-p, 1 kΩ]	2-ch. RCA [2.0Vp-p, 1 kΩ]	2-ch. RCA [2.0Vp-p, 1 kΩ]	2-ch. RCA [Linear, 1 k Ω]	2-ch. RCA [Linear, 1 k Ω]
Alarm I/O	16/4	16/4	16/4	16/4	16/4
Network Interface	2, RJ45 10M/100M/1000M self-adaptive Ethernet interface	2, RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface	2, RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface	2 RJ-45 10/100/1000 Mbps self-adaptive Ethernet interfaces	2 RJ-45 10/100/1000 Mbps self-adaptive Ethernet interfaces
PoE Port	-	-	-	-	-
USB Port	Front panel: 2 × USB 2.0; Rear panel: 1 × USB 3.0	Front panel: 2 × USB 2.0; Rear panel: 1 × USB 3.0	Front panel: 2 × USB 2.0; Rear panel: 1 × USB 3.0	Front panel: 2 × USB 2.0; Rear panel: 1 × USB 3.0	Front panel: 2 × USB 2.0; Rear panel: 1 × USB 3.0
Smart Function	Supports multiple VCA[Video Content Analytics] events for IP cameras	Supports multiple VCA[Video Content Analytics] events for IP cameras	Supports multiple VCA[Video Content Analytics] events for IP cameras	Supports multiple VCA[Video Content Analytics] events for IP cameras	Supports multiple VCA[Video Content Analytics] events for IP cameras
Power Consumption (without HDD)	≤ 30 W	≤ 30 W	≤ 30 W	≤ 30 W	≤ 30 W
Description	-	-	-	-	-

Network Camera | PTZ Dome Camera | Panoramic Camera | Explosion-Proof & Anti-Corrosion Series | NVR | Storage | Network Center | Thermal Display | Commercial Display | Decoder | Video Wall Controller | Software | Accessories | DORI | Distance

## Pro Series NVR

First choice for small- to medium-sized projects

➤ H.264/H.264+, H.265/H.265+, MPEG4 self-adapting decoding

➤ Supports VCA search and POS function

➤ New easy-to-use GUI 4.0 features intuitive interface

➤ Hik-Connect for easy network management



Model	DS-7808NI-I2	DS-7816NI-I2	DS-7832NI-I2	DS-7808NI-I2/8P	DS-7816NI-I2/8P	DS-7832NI-I2/8P	
<b>Image</b>	 <span style="color:red;">NEW</span>	 <span style="color:red;">NEW</span>	 <span style="color:red;">NEW</span>	 <span style="color:red;">NEW</span>	 <span style="color:red;">NEW</span>	 <span style="color:red;">NEW</span>	
<b>Hardware Platform</b>	-	-	-	-	-	-	
<b>Channel No.</b>	8-ch	16-ch	32-ch	8-ch	16-ch	32-ch	
<b>Decoding Format</b>	H.265+/H.265/H.264+/H.264/ MPEG4						
<b>Incoming/Outgoing Bandwidth</b>	320M/256M	320M/256M	320M/256M	320M/256M	320M/256M	320M/256M	
<b>Decoding Capacity</b>	2-ch @ 12 MP [20fps] / 4-ch @ 8 MP [30fps] / 8-ch @ 4MP [30fps] / 16-ch @ 1080p [30fps]	2-ch @ 12 MP [20fps] / 4-ch @ 8 MP [30fps] / 8-ch @ 4MP [30fps] / 16-ch @ 1080p [31fps]	2-ch @ 12 MP [20fps] / 4-ch @ 8 MP [30fps] / 8-ch @ 4MP [30fps] / 16-ch @ 1080p [32fps]	2-ch @ 12 MP [20fps] / 4-ch @ 8 MP [30fps] / 8-ch @ 4MP [30fps] / 16-ch @ 1080p [33fps]	2-ch @ 12 MP [20fps] / 4-ch @ 8 MP [30fps] / 8-ch @ 4MP [30fps] / 16-ch @ 1080p [34fps]	2-ch @ 12 MP [20fps] / 4-ch @ 8 MP [30fps] / 8-ch @ 4MP [30fps] / 16-ch @ 1080p [35fps]	
<b>Recording Resolution</b>	12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UltraHD/720p/VGA /4CIF/ DCIF/2CIF/CIF/QCIF	12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UltraHD/720p/VGA /4CIF/ DCIF/2CIF/CIF/QCIF	12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UltraHD/720p/VGA /4CIF/ DCIF/2CIF/CIF/QCIF	12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UltraHD/720p/VGA /4CIF/ DCIF/2CIF/CIF/QCIF	12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UltraHD/720p/VGA /4CIF/ DCIF/2CIF/CIF/QCIF	12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UltraHD/720p/VGA /4CIF/ DCIF/2CIF/CIF/QCIF	
<b>Display</b>	1HDMI/1 VGA						
<b>LCD</b>	-	-	-	-	-	-	
<b>Storage Capacity</b>	4 SATA interfaces Up to 8TB capacity for each HDD	2 SATA interfaces Up to 8TB capacity for each HDD	2 SATA interfaces Up to 8TB capacity for each HDD	2 SATA interfaces Up to 8TB capacity for each HDD	2 SATA interfaces Up to 8TB capacity for each HDD	2 SATA interfaces Up to 8TB capacity for each HDD	
<b>eSATA / Mini SAS</b>	-	-	-	-	-	-	
<b>RAID Type</b>	-	-	-	-	-	-	
<b>Video Output</b>	HDMI: 4K [3840 × 2160]/60Hz, 4K [3840 × 2160]/30Hz, 1920 × 1080p/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz VGA: 1920 × 1080p/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	HDMI: 4K [3840 × 2160]/60Hz, 4K [3840 × 2160]/30Hz, 1920 × 1080p/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz VGA: 1920 × 1080p/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	HDMI: 4K [3840 × 2160]/60Hz, 4K [3840 × 2160]/30Hz, 1920 × 1080p/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz VGA: 1920 × 1080p/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	HDMI: 4K [3840 × 2160]/60Hz, 4K [3840 × 2160]/30Hz, 1920 × 1080p/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz VGA: 1920 × 1080p/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	HDMI: 4K [3840 × 2160]/60Hz, 4K [3840 × 2160]/30Hz, 1920 × 1080p/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz VGA: 1920 × 1080p/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	HDMI: 4K [3840 × 2160]/60Hz, 4K [3840 × 2160]/30Hz, 1920 × 1080p/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz VGA: 1920 × 1080p/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	
<b>Audio Output</b>	1-ch, RCA [Linear, 1 kΩ]						
<b>Alarm I/O</b>	4/1	4/1	4/1	4/1	4/1	4/1	
<b>Network Interface</b>	1 RJ-45 10/100/1000 Mbps self adaptive Ethernet interface	1 RJ-45 10/100/1000 Mbps self adaptive Ethernet interface	1 RJ-45 10/100/1000 Mbps self adaptive Ethernet interface	1 RJ-45 10/100/1000 Mbps self adaptive Ethernet interface	1 RJ-45 10/100/1000 Mbps self adaptive Ethernet interface	1 RJ-45 10/100/1000 Mbps self adaptive Ethernet interface	
<b>PoE Port</b>	-	-	-	8P	8P	8P	
<b>USB Port</b>	Front panel: 2 × USB 2.0; Rear panel: 1 × USB 3.0	Front panel: 2 × USB 2.0; Rear panel: 1 × USB 3.0	Front panel: 2 × USB 2.0; Rear panel: 1 × USB 3.0	Front panel: 2 × USB 2.0; Rear panel: 1 × USB 3.0	Front panel: 2 × USB 2.0; Rear panel: 1 × USB 3.0	Front panel: 2 × USB 2.0; Rear panel: 1 × USB 3.0	
<b>Smart Function</b>	Supports multiple VCA[Video Content Analytics] events for IP cameras	Supports multiple VCA[Video Content Analytics] events for IP cameras	Supports multiple VCA[Video Content Analytics] events for IP cameras	Supports multiple VCA[Video Content Analytics] events for IP cameras	Supports multiple VCA[Video Content Analytics] events for IP cameras	Supports multiple VCA[Video Content Analytics] events for IP cameras	
<b>Power Consumption (without HDD)</b>	≤20 W	≤15 W	≤15 W	≤15 W (without enabling PoE)	≤15 W (without enabling PoE)	≤15 W (without enabling PoE)	

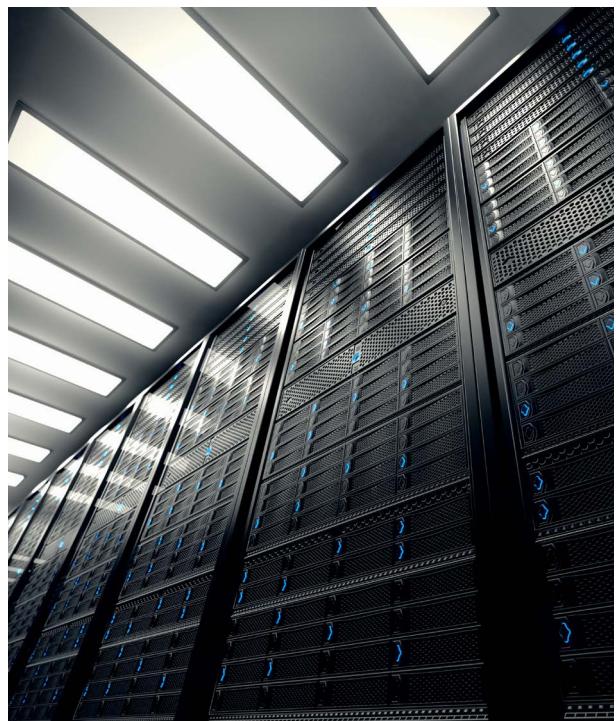
Network Camera PTZ Dome Camera Panoramic Camera Explosion-Proof & Anti-Corrosion Series NVR Network Storage Center Data Center Thermal Display Commercial Decoder Video Wall Controller Software Accessories DORI Distance

Model	DS-7916NI-I4	DS-7932NI-I4	DS-7916NI-I4/16P	DS-7932NI-I4/16P	DS-7932NI-I4/24P
Image	 NEW	 NEW	 NEW	 NEW	 NEW
Hardware Platform	-	-	-	-	-
Channel No.	16-ch	32-ch	16-ch	32-ch	32-ch
Decoding Format	H.265+/H.265/H.264+/H.264/ MPEG4	H.265+/H.265/H.264+/H.264/ MPEG4	H.265+/H.265/H.264+/H.264/ MPEG4	H.265+/H.265/H.264+/H.264/ MPEG4	H.265+/H.265/H.264+/H.264/ MPEG4
Incoming/Outgoing Bandwidth	320M/256M	320M/256M	320M/256M	320M/256M	320M/256M
Decoding Capacity	2-ch @ 12 MP [20fps] / 4-ch @ 8 MP [30fps] / 8-ch @ 4MP [30fps] / 16-ch @ 1080p [36fps]	2-ch @ 12 MP [20fps] / 4-ch @ 8 MP [30fps] / 8-ch @ 4MP [30fps] / 16-ch @ 1080p [37fps]	2-ch @ 12 MP [20fps] / 4-ch @ 8 MP [30fps] / 8-ch @ 4MP [30fps] / 16-ch @ 1080p [38fps]	2-ch @ 12 MP [20fps] / 4-ch @ 8 MP [30fps] / 8-ch @ 4MP [30fps] / 16-ch @ 1080p [39fps]	2-ch @ 12 MP [20fps] / 4-ch @ 8 MP [30fps] / 8-ch @ 4MP [30fps] / 16-ch @ 1080p [40fps]
Recording Resolution	12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA/4CIF/DCIF/2CIF/CIF/QCIF	12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA/4CIF/DCIF/2CIF/CIF/QCIF			
Display	2HDMI/1 VGA	2HDMI/1 VGA	2HDMI/1 VGA	2HDMI/1 VGA	2HDMI/1 VGA
LCD	-	-	-	-	-
Storage Capacity	4 SATA interfaces Up to 8TB capacity for each HDD	4 SATA interfaces Up to 8TB capacity for each HDD	4 SATA interfaces Up to 8TB capacity for each HDD	4 SATA interfaces Up to 8TB capacity for each HDD	4 SATA interfaces Up to 8TB capacity for each HDD
eSATA / Mini SAS	1 eSATA interface	1 eSATA interface	1 eSATA interface	1 eSATA interface	1 eSATA interface
RAID Type	-	-	-	-	-
Video Output	HDMI1: 4K [3840 × 2160]/60Hz, 4K [3840 × 2160]/30Hz, 2K [2560 × 1440]/60Hz, 1920 × 1080p/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024×768/60Hz VGA: 2K [2560 × 1440]/60Hz, 1920 × 1080p/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024×768/60Hz HDMI2: 1920 × 1080p/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	HDMI1: 4K [3840 × 2160]/60Hz, 4K [3840 × 2160]/30Hz, 2K [2560 × 1440]/60Hz, 1920 × 1080p/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024×768/60Hz VGA: 2K [2560 × 1440]/60Hz, 1920 × 1080p/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024×768/60Hz HDMI2: 1920 × 1080p/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	HDMI1: 4K [3840 × 2160]/60Hz, 4K [3840 × 2160]/30Hz, 2K [2560 × 1440]/60Hz, 1920 × 1080p/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024×768/60Hz VGA: 2K [2560 × 1440]/60Hz, 1920 × 1080p/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024×768/60Hz HDMI2: 1920 × 1080p/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	HDMI1: 4K [3840 × 2160]/60Hz, 4K [3840 × 2160]/30Hz, 2K [2560 × 1440]/60Hz, 1920 × 1080p/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024×768/60Hz VGA: 2K [2560 × 1440]/60Hz, 1920 × 1080p/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024×768/60Hz HDMI2: 1920 × 1080p/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	
Audio Output	1-ch, RCA [Linear, 1 KΩ]	1-ch, RCA [Linear, 1 KΩ]			
Alarm I/O	16/8	16/8	16/8	16/8	16/8
Network Interface	2 RJ-45 10/100/1000 Mbps self adaptive Ethernet interface	2 RJ-45 10/100/1000 Mbps self adaptive Ethernet interface	1 RJ-45 10/100/1000 Mbps self adaptive Ethernet interface	1 RJ-45 10/100/1000 Mbps self adaptive Ethernet interface	1 RJ-45 10/100/1000 Mbps self adaptive Ethernet interface
PoE Port	-	-	16P	16P	24P
USB Port	Front panel: 2 × USB 2.0; Rear panel: 1 × USB 3.0	Front panel: 2 × USB 2.0; Rear panel: 1 × USB 3.0	Front panel: 2 × USB 2.0; Rear panel: 1 × USB 3.0	Front panel: 2 × USB 2.0; Rear panel: 1 × USB 3.0	Front panel: 2 × USB 2.0; Rear panel: 1 × USB 3.0
Smart Function	Supports multiple VCA[Video Content Analytics] events for IP cameras	Supports multiple VCA[Video Content Analytics] events for IP cameras	Supports multiple VCA[Video Content Analytics] events for IP cameras	Supports multiple VCA[Video Content Analytics] events for IP cameras	Supports multiple VCA[Video Content Analytics] events for IP cameras
Power Consumption (without HDD)	≤20 W	≤20 W (without enabling PoE)	≤20 W (without enabling PoE)	≤20 W (without enabling PoE)	≤20 W (without enabling PoE)

# Workstation Series

## Seeking VMS Partners for Collaboration

- Unique module featuring the strengths of outstanding hardware development
- Supports Windows 10 or Linux Ubuntu OS for 3rd-party VMS
- Configurable alarm I/O and PoE interfaces for 3rd-party integration
- Multiple models with corresponding hardware such as CPU, memory, and storage provided to satisfy a host of applications



Model	DS-9000AI-S16-D	DS-WSELI-T4(16P)
Image		
Processor	Quad-Core Intel® Xeon® Processor E3 V5 Series	Intel® Celeron® Processor J3455 (2M Cache, up to 2.3 GHz), 64 bit, 4 Core;
Operating System	Ubuntu Linux is installed by default. Microsoft Windows, including Windows 7E, Windows 10, and Windows Server 2012 R2 can be installed	Ubuntu Linux 16.04
System Disk (OS,VMS)	Industrial-level SSD with 128 GB capacity	mSATA 32GB Optional: mSATA 64 GB
Memory	8 GB DDR4. ECC parity. Extendable up to 64 GB	4 GB
No. of Channels	-	-
Decoding Format	-	-
Incoming/Outgoing Bandwidth	-	-
Decoding Capacity	-	-
Recording Resolution	-	-
Display	2 HDMI / 1 VGA	2 HDMI / 1 VGA
LCD	-	-
Storage Capacity	16 SATA interfaces Up to 10 TB for each HDD	4 SATA interfaces Up to 10 TB for each HDD
eSATA / Mini SAS	1 × eSATA interface 2 × mini SAS interface (optional)	-
RAID Type	RAID 0, RAID 1, RAID 5, RAID 6, RAID 10	-
Video Output	VGA:1-ch, resolution: 1080p [1920x1080]/60Hz, UXGA [1600x1200]/60Hz, SXGA[1280x1024]/60Hz, 720p [1280x 720]/60Hz, XGA [1024x768]/60Hz HDMI:Two independent HDMI outputs, resolution: 4K (4096x2160), 4K(3840x2160)/30Hz, 2K (2560x1440)/60Hz, 1080p [1920x1080]/60Hz, UXGA [1600x1200]/60Hz, SXGA [1280x1024]/60Hz, 720p [1280x720]/60Hz, XGA [1024x768]/60Hz	VGA:1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz HDMI:4K [3840 × 2160]/30Hz, 2K [2560 × 1440]/60Hz, 1920 × 1080/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
Audio Output	1-ch, RCA (2.0 Vp-p, 1 kΩ)	1-ch, 3.5 mm audio connector
Alarm I/O	16/8	16/4
Network Interface	4 × RJ45 10M/100M/1000M self-adaptive Ethernet interface	2, RJ45 10M/100M/1000M self-adaptive Ethernet interface
PoE Port	-	[16 RJ-45 10/100 Mbps self-adaptive Ethernet interfaces]
USB Port	Rear panel: 2 × USB 3.0	Front Panel: 2 × USB 2.0; Rear Panel: 4 × USB 3.0;
Smart Function	-	-
Power Consumption (without HDD)	≤ 350 W	≤ 30 W
Chassis	-	19-inch rack-mounted 1.5U chassis
Description	-	-

Model	DS-WSELI-T2(8P)	DS-WSPLI-T2	DS-WSPLI-T4	DS-WSPLI-T8
Image				
Processor	Intel® Celeron® Processor J3455 (2M Cache, up to 2.3 GHz), 64 bit, 4 Core;	Intel® Core™ i5-8500 Processor (9M Cache, 3.00 GHz, up to 4.10 GHz) Optional: G4900, I3-8100, I7-8700, E-2176G	Intel® Core™ i5-8500 Processor (9M Cache, 3.00 GHz, up to 4.10 GHz) Optional: G4900, I3-8100, I7-8700, E-2176G	Intel® Xeon® Processor E3-1225 v5, 3.30 GHz Optional: G4400 3M Cache,3.30GHz; i3-6100 3M Cache,3.70GHz; i5-6500 6M Cache,3.20GHz; i7-6700 8M Cache,3.40GHz
Operating System	Ubuntu Linux 16.04	Ubuntu 18.04.2	Ubuntu 18.04.2	Ubuntu Linux 16.04
System Disk (OS,VMS)	mSATA 32 GB Optional: mSATA 64 GB	mSATA 128 GB Optional: mSATA 64 GB	mSATA 128 GB Optional: mSATA 64 GB	mSATA 64 GB Optional: mSATA 128 GB
Memory	4 GB	8 GB Optional: 16 GB	8 GB Optional: 16 GB	8 GB = 2 * 4 GB
No. of Channels	-	-	-	-
Decoding Format	-	-	-	-
Incoming/Outgoing Bandwidth	-	-	-	-
Decoding Capacity	-	-	-	-
Recording Resolution	-	-	-	-
Display	2 HDMI / 1 VGA			
LCD	-	-	-	-
Storage Capacity	2 SATA interfaces Up to 10 TB for each HDD	2 SATA interfaces Up to 8 TB for each HDD	4 SATA interfaces Up to 8 TB for each HDD	8 SATA interfaces Up to 10 TB for each HDD
eSATA / Mini SAS	-	-	-	-
RAID Type	-	-	-	-
Video Output	VGA:1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz HDMI:4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1600×1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	VGA:1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz HDMI:4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1600×1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	VGA:1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz HDMI:4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1600×1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	VGA:1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz HDMI:4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1600×1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
Audio Output	1-ch, 3.5 mm audio connector			
Alarm I/O	4/2	4/2	4/2	Optional: 16/4
Network Interface	2, RJ45 10M/100M/1000M self-adaptive Ethernet interface	2, RJ45 10M/100M/1000M self-adaptive Ethernet interface	2, RJ45 10M/100M/1000M self-adaptive Ethernet interface	2, RJ45 10M/100M/1000M self-adaptive Ethernet interface
PoE Port	(8 RJ-45 10/100 Mbps self-adaptive Ethernet interfaces)	-	-	-
USB Port	Front Panel: 2 × USB 2.0; Rear Panel: 4 × USB 3.0;	Front panel: 2 × USB 2.0, rear panel: 4 × USB 3.0	Front panel: 2 × USB 2.0, rear panel: 4 × USB 3.0	Front Panel: 2 × USB 2.0; Rear Panel: 4 × USB 3.0;
Smart Function	-	-	-	-
Power Consumption (without HDD)	≤ 30 W	≤ 150 W	≤ 150 W	≤ 120 W
Chassis	19-inch rack-mounted 1U chassis	19-inch rack-mounted 1U chassis	19-inch rack-mounted 1.5U chassis	19-inch rack-mounted 2U chassis
Description	-	-	-	-

# Network Storage

071 Hybrid SAN

074 Cluster Storage



# Hikvision Hybrid SAN Products

Cost-Effective, Dedicated, Superior Data Security and Sustainability

- Dual Mode Support: Video direct streaming and IPSAN
- Video direct streaming mode eliminates recording server requirement, highly effective for video storage and cost-effective
- Video stream based R/W/Search operation, higher efficiency
- Super N+1 failover (1 failover node to take over traffic of multiple faulty nodes) providing enhanced video safety
- Proven lab and field compatibility in IPSAN mode with leading VMSs such as Milestone, AXXON, ISS, etc.
- Supports scheduled backup, local video backup, remote video backup
- Hybrid SAN with pre-installed HDDs creates cost-effective solutions for long-term storage
- Supports the ONVIF, PSIA, and RTSP protocols and extended data retention (with 3rd-party cameras such as Bosch, Axis, Sony, Samsung, etc.)



Hybird SAN							
Model	DS-A81016S	DS-A80624S	DS-A82024D	DS-A72024R	DS-AT1000S/224	DS-AT1000S/336	
Image					 HOT	 HOT	
Performance	<b>Direct Streaming mode: video (2 Mbps) + picture</b>	320-ch recording + playback	320-ch recording + playback	448-ch (recording + playback)	820-ch recording + playback	256-ch recording + playback	400-ch recording + playback
	<b>IPSAN</b>	180-ch recording + playback	180-ch recording + playback	256-ch (recording + playback)	-	-	-
Controller	<b>Processor</b>	One controller (64-bit multi-core processor)	One controller (64-bit multi-core processor)	Dual controller (64-bit multi-core processor)	Dual 64-bit multi-core processor	64-bit multi-core processor	64-bit multi-core processor
	<b>Cache</b>	4 GB (extendable to 32 GB)	4 GB (extendable to 32 GB)	8 GB (extendable to 32 GB)/controller	8 GB (extendable to 128 GB)	12 GB (extendable to 32 GB)	16 GB (extendable to 32 GB)
HDD	<b>HDD slot</b>	16	24	24	24	16	24
	<b>Interface/capacity</b>	SATA / 1 TB, 2 TB, 3 TB, 4 TB, 6 TB, 8 TB, 10 TB, 12 TB	SATA / 1 TB, 2 TB, 3 TB, 4 TB, 6 TB, 8 TB, 10 TB, 12 TB	SAS / 1 TB, 2 TB, 3 TB, 4 TB, 6 TB, 8 TB, 10 TB, 12 TB	SATA / 1 TB, 2 TB, 3 TB, 4 TB, 6 TB, 8 TB, 10 TB, 12 TB	SATA / 14 TB	SATA / 14 TB
	<b>RAID</b>	RAIDO, 1, 3, 5, 6, 10, 50, VRAID, JBOD, Hot-spare	RAID 0, 1, 3, 5, 6, 10, 50, VRAID, JBOD, Hot-Spare	RAIDO, 1, 3, 5, 6, 10, 50, JBOD, Hot-Spare	RAID 0, 1, 3, 5, 6, 10, 50, VRAID, JBOD, hot spare	RAID 5, 6, RAID	RAID 5, 6, RAID
Network	<b>Protocol</b>	iSCSI, RTSP, ONVIF, PSIA	iSCSI, RTSP, ONVIF, PSIA	iSCSI, RTSP, ONVIF, PSIA	iSCSI, RTSP, ONVIF, PSIA	HKSDK, RTSP, ONVIF	HKSDK, RTSP, ONVIF
	<b>Disk management</b>	Disk inspection, alarm and repair	Disk inspection, alarm and repair	Disk inspection, alarm and repair	Disk inspection, alarm and repair	Disk detection pre-alarm and repair	Disk detection pre-alarm and repair
Storage Management	<b>Logical volume management</b>	iSCSI volume, video volume management	iSCSI volume, video volume management	iSCSI volume, video volume management	iSCSI volume, video volume management	Recording volume management	Recording volume management
	<b>Recording mode</b>	Timing recording, manual recording, dual-stream recording, alarm recording	Timing recording, manual recording, dual-stream recording, alarm recording	Timing recording, manual recording, dual-stream recording, alarm recording	Timing recording, manual recording, dual-stream recording, alarm recording	Continuous recording, manual recording, and alarm recording	Continuous recording, manual recording, and alarm recording
Recording Management	<b>Video protection</b>	Lock key video, N+1 service protection, ANR, video loss detection and alarm	Lock key video, N+1 service protection, ANR, video loss detection and alarm	Lock key video, N+1 service protection, ANR, video loss detection and alarm	Lock key video, N+1 service protection, ANR, video loss detection and alarm	Video lock, video loss alarm	Video lock, video loss alarm
	<b>Management mode</b>	Web-based GUI, serial port CLI, centralized management of multiple devices	Web-based GUI, serial port CLI, centralized management of multiple devices	Web-based GUI, serial port CLI, centralized management of multiple devices	Web-based GUI, serial port CLI, centralized management of multiple devices	GUI based on web, serial port CLI, platform	GUI based on web, serial port CLI, platform
Device Maintenance	<b>Alarm mode</b>	Sound, light, email, message, web page	Sound, light, email, message, web page	Sound, light, email, message, web page	Sound, light, email, message, web page	Audio, indicator, GUI	Audio, indicator, GUI
	<b>Data network interface</b>	3, 1000M Ethernet interface	3, 1000M Ethernet interface	4, 1000M Ethernet interface (4 × GbE or 2 × 10GbE is extendable) per controller	4, 1000M Ethernet interface (4 × 1GbE or 2 × 10GbE is extendable)	3, 1000 Mbps Ethernet interface	4, 1000 Mbps Ethernet interface
External Interface	<b>Management network interface</b>	1, 1000M Ethernet interface	1, 1000M Ethernet interface	1, 1000M Ethernet interface/Controller	1, 1000M Ethernet interface/Controller	1, 1000 Mbps Ethernet interface	1, 1000 Mbps Ethernet interface
	<b>Mini SAS interface</b>	Supported	Supported	Supported	Supported	N/A	N/A
General	<b>Power supply</b>	Redundant	Redundant	Redundant	Redundant	Redundant	Redundant
	<b>Chassis</b>	3U (19-inch)	4U (19-inch)	4U (19-inch)	4U (19-inch)	3U (19-inch)	4U (19-inch)

Network Camera PTZ Dome Panoramic Camera Camera Explosion-Proof & Anti-Corrosion Series NVR Network Storage Data Center Thermal Display Commercial Decoder Video Wall Controller Software Accessories DORI Distance

Model	DS-AJ7824S	DS-AJ7824D
Controller Parameters	<b>Image</b>	 
	<b>Controller</b>	1 Controller
	<b>SAS Interface (Upper-level)</b>	2 [12 Gbps]
	<b>SAS Interface (Lower-level)</b>	1 [12 Gbps]
	<b>HDD Interfaces</b>	24
	<b>HDD Interface Type</b>	SATA
	<b>Hot Swap HDD</b>	Supported
	<b>Power</b>	Redundant (1+1)
	<b>Applicable Models</b>	DS-A81016S, DS-A80624S, DS-A72024R
	<b>Chassis</b>	4U Chassis
General	<b>Dimension (W x D x H)</b>	486 × 173 × 760 mm [19.1 × 6.8 × 29.9 in]
	<b>Weight (without hard disk)</b>	40 kg [88.2 lb]
	<b>Consumption (with max. hard disks)</b>	≤ 550 W
		447 × 172 × 525 mm [17.6 × 6.8 × 20.7 in]

Model	DS-AD82012D-ODL
Cabinet	<b>Image</b>
	
	<b>Processor</b>
	multi-core processor
	<b>Cache</b>
	8 GB
	<b>Network Interface</b>
	4 × 10 Gbps per controller
	<b>Array Channel</b>
	2 × 12Gb SAS
Software	<b>Max. Storage Space</b>
	3.1 PB
	<b>Max. Disk Number</b>
	264
	<b>Enclosure</b>
	Multilevel
	<b>Network Exchange</b>
	8 × 10 Gbps RJ45 interface, or 8 × 10 Gbps fiber optic interface, or 8 × 16GbFC interface, or 8 × 12GbSAS interface, or the mixture of 4 × 10 Gbps fiber optic interface and 4 × 16GbFC interface
	<b>Power Supply</b>
	Redundant power supply (1+1)
General	<b>HDD Interfaces</b>
	12 [The default full match]
	<b>HDD Interface Type</b>
	SAS
	<b>Application</b>
	support IPSAN,FCSAN (snapshot,replication,clone,Thin provisioning)
	<b>Management Method</b>
	GUI based on web, in-band and out-band, support the unified management of multiple devices
	<b>Management Software</b>
	Web browser and client software
General	<b>Dimension (W x D x H)</b>
	483 × 88 × 603 mm [19.0 × 3.5 × 23.7 inch], standard 2U chassis
	<b>Weight (Maximum Capacity)</b>
	32 kg (70.5 lb)
	<b>Consumption (without HDD)</b>
	≤ 580 W
<b>Temperature</b>	Working temperature: 10 °C to 35 °C (50 °F to 95 °F)
	Storing temperature: -20 °C to 65 °C (-4 °F to 149 °F)
<b>Humidity</b>	Working humidity: 20% to 80% RH (non-freezing, non-condensing)
	Storing humidity: 5% to 90% RH (non-freezing, non-condensing)

Model	DS-AJ6884D-ODL
Controller Parameters	<b>Image</b>
	
	<b>Controller</b>
	2 Controller
	<b>HDD Interfaces</b>
	84 [The default full match]
	<b>HDD Interface Type</b>
	SAS
	<b>Enclosure</b>
	Multilevel
General	<b>Power</b>
	Redundant (1+1)
	<b>Applicable Models</b>
	DS-AD82012D-ODL
	<b>Chassis</b>
<b>Dimension (W x D x H)</b>	standard 5U chassis
	<b>Dimension (W x D x H)</b>
	483 × 222 × 975 mm [19.0 × 8.7 × 38.4 inch]
	<b>Weight (Maximum Capacity)</b>
<b>Consumption (without HDD)</b>	135 kg (297.6 lb)
	≤ 2200 W

# Hikvision Cluster

## Storage Products

High Performance, High Scalability,

High Reliability, High Availability

- Clustering technology creates load balancing and prevents single-point failure
- Supports device fault tolerance to prevent single device failure
- Virtual management unifies storage resources to one pool for flexible utilization.  
Storage type includes video, images, files, and objects
- Equipment-level redundancy reaches the highest levels of data security
- Real-time online system capacity expansion; one cluster device can expand up to 30,000-ch video input and 100 PB storage
- These products make use of ultra-fault-tolerant network RAID technology, based on Erasure Code
- One IP for the entire storage system means easy maintenance
- Video can be backed up locally and via cluster storage to improve system reliability



## Cluster

Model	DS-A81024S-ICVS	DS-A81048S-ICVS	DS-A83024S-ICVS	DS-A83048S-ICVS
Image	 <span style="color: orange;">HOT</span>	 <span style="color: orange;">HOT</span>	 <span style="color: orange;">HOT</span>	 <span style="color: orange;">HOT</span>
Performance	<b>video (2 Mbps)</b> 240-ch	240-ch	600-ch	600-ch
Controller	<b>Processor</b> 64-bit multi-core processors	64-bit multi-core processors	2 Xeon 64-bit 6-core processors	2 Xeon 64-bit 6-core processors
HDD	<b>Cache</b> 16 GB	32 GB	64 GB standard, extendable to 384 GB	64 GB standard, extendable to 384 GB
	<b>HDD slot</b> 24	48	24	48
	<b>Interface</b> SAS / SATA	SAS / SATA	SAS / SATA	SAS / SATA
	<b>Capacity</b> 1 TB / 2 TB / 3 TB / 4 TB / 6 TB / 8 TB / 10 TB / 12 TB [enterprise HDD]	1 TB / 2 TB / 3 TB / 4 TB / 6 TB / 8 TB / 10 TB / 12 TB [enterprise HDD]	1 TB / 2 TB / 3 TB / 4 TB / 6 TB / 8 TB / 10 TB / 12 TB [enterprise HDD]	1 TB / 2 TB / 3 TB / 4 TB / 6 TB / 8 TB / 10 TB / 12 TB [enterprise HDD]
	<b>Hot-swapping</b> Supported	Supported	Supported	Supported
	<b>RAID</b> IRAIID: N + M: K, N + M ≤ 16, M ≥ K, N ∈ [1, 15], M ∈ [1, 4], K ∈ [1, 4]	IRAIID: N + M: K, N + M ≤ 16, M ≥ K, N ∈ [1, 15], M ∈ [1, 4], K ∈ [1, 4]	IRAIID: N + M: K, N + M ≤ 16, M ≥ K, N ∈ [1, 15], M ∈ [1, 4], K ∈ [1, 4]	IRAIID: N + M: K, N + M ≤ 16, M ≥ K, N ∈ [1, 15], M ∈ [1, 4], K ∈ [1, 4]
	<b>Disk</b> Disk detection pre-alarm and repair	Disk detection pre-alarm and repair	Disk detection pre-alarm and repair	Disk detection pre-alarm and repair
Storage	<b>Cache protection</b> Supports customizing BBU in case of unexpected power failure to protect the cache data from being lost.	Supports customizing BBU in case of unexpected power failure to protect the cache data from being lost.	Supports customizing BBU in case of unexpected power failure to protect the cache data from being lost.	Supports customizing BBU in case of unexpected power failure to protect the cache data from being lost.
Recording	<b>CVA</b> Device access, recording schedule, and stream forwarding services	Device access, recording schedule, and stream forwarding services	Device access, recording schedule, and stream forwarding services	Device access, recording schedule, and stream forwarding services
Maintenance and Management	<b>CVS</b> Data storage, video/picture access, storage space, and data R/W services	Data storage, video/picture access, storage space, and data R/W services	Data storage, video/picture access, storage space, and data R/W services	Data storage, video/picture access, storage space, and data R/W services
	<b>Management method</b> GUI based on web, serial port CLI, platform	GUI based on web, serial port CLI, platform	GUI based on web, serial port CLI, platform	GUI based on web, serial port CLI, platform
Network	<b>Alarm method</b> Audio, indicator, GUI	Audio, indicator, GUI	Audio, indicator, GUI	Audio, indicator, GUI
	<b>Protocol</b> RTSP, ONVIF, PSIA, etc.	RTSP, ONVIF, PSIA, etc.	RTSP, ONVIF, PSIA, etc.	RTSP, ONVIF, PSIA, etc.
	<b>Data network interface</b> 4, 1000M Ethernet interface (8 × GbE or 4 × 10GbE is extendable)	4, 1000M Ethernet interface (8 × GbE or 4 × 10GbE is extendable)	6, 1000M Ethernet interface (8 × GbE or 4 × 10GbE is extendable)	6, 1000M Ethernet interface (8 × GbE or 4 × 10GbE is extendable)
	<b>Management network interface</b> 1, 1000M Ethernet interface	1, 1000M Ethernet interface	1, 1000M Ethernet interface	1, 1000M Ethernet interface
Interfaces	<b>SAS extension interface</b> 3, 12 Gbps SAS 3.0 interface	3, 12 Gbps SAS 3.0 interface	3, 12 Gbps SAS 3.0 interface	3, 12 Gbps SAS 3.0 interface
	<b>COM interface</b> 2 (1 for RS-232, 1 for RS-485)	2 (1 for RS-232, 1 for RS-485)	2 (1 for RS-232, 1 for RS-485)	2 (1 for RS-232, 1 for RS-485)
	<b>USB interface</b> 3 (2 × USB 3.0, 1 × USB 2.0)	3 (2 × USB 3.0, 1 × USB 2.0)	3 (2 × USB 3.0, 1 × USB 2.0)	3 (2 × USB 3.0, 1 × USB 2.0)
	<b>VGA interface</b> 1	1	-	-
	<b>Power supply (rated)</b> Redundant 1 + 1, ≤ 550 W	Redundant 2 + 1, ≤ 800 W	Redundant 1 + 1, ≤ 550 W	Redundant 2 + 1, ≤ 1600 W
	<b>Consumption (withHDDs)</b> ≤ 420 W	≤ 710 W	≤ 484 W	≤ 763 W
	<b>Environment temperature</b> Working: +5 °C to +35 °C [+41 °F to +95 °F] Storage: -20 °C to +70 °C [-4 °F to +158 °F]	Working: +5 °C to +35 °C [+41 °F to +95 °F] Storage: -20 °C to +70 °C [-4 °F to +158 °F]	Working: +5 °C to +35 °C [+41 °F to +95 °F] Storage: -20 °C to +70 °C [-4 °F to +158 °F]	Working: +5 °C to +35 °C [+41 °F to +95 °F] Storage: -20 °C to +70 °C [-4 °F to +158 °F]
	<b>Environment humidity</b> Working: 20% to 80%RH (non-condensing/frozen) Storage: 5% to 90%RH (non-condensing/frozen)	Working: 20% to 80%RH (non-condensing/frozen) Storage: 5% to 90%RH (non-condensing/frozen)	Working: 20% to 80%RH (non-condensing/frozen) Storage: 5% to 90%RH (non-condensing/frozen)	Working: 20% to 80%RH (non-condensing/frozen) Storage: 5% to 90%RH (non-condensing/frozen)
	<b>Dimension (W × H × D)</b> 490 x 180 x 760 mm (19.3 x 7.1 x 29.9 in)	486 x 344 x 750 mm (19.1 x 13.5 x 29.5 in)	486 x 173 x 760 mm (19.1 x 6.8 x 29.9 in)	486 x 344 x 750 mm (19.1 x 13.5 x 29.5 in)
	<b>Weight (without HDDs)</b> ≤ 43 kg (96.4 lb)	≤ 70 kg (154.3 lb)	≤ 43 kg (94.8 lb)	≤ 93 kg (205 lb)

# Data Center

**077** DeepinMind Server

**081** Generic Server



# DeepinMind Server

Create Utility, Accurate, and Innovative AI

- Fast and accurate facial, human body, vehicle and behavior recognition based on deep learning algorithms
- Professional GPU accelerator with high computing capacity
- Supports clustered implementation to facilitate load balancing, dynamic expansion, and system failover
- Abundance of functions to meet needs in a multitude of scenarios and requirements



## DeepinMind Server

Model	DS-IF1032-03U/X	DS-IF1064-03U/X	DS-IF2003-A3H/NF	DS-IF2006-A3H/NF	Model	DS-VBD1HH-UF/H
Image	 				Image	
Facial analysis	<b>Function module</b>	Facial tracking, facial detection, facial rating, facial modeling, facial attribute analysis, facial comparison and alarm	Facial tracking, facial detection, facial rating, facial modeling, facial attribute analysis, facial comparison and alarm	Facial tracking, facial detection, facial rating, facial modeling, facial attribute analysis, facial comparison and alarm	<b>Data type (mixed storage for multiple data types)</b>	Human face data Human body data Vehicle data
	<b>Facial attribute</b>	Age, gender, smile, glasses, mask	Age, gender, smile, glasses, mask	Age, gender, smile, glasses, mask	<b>Storage capacity (storage capacity for single data type)</b>	800 million pieces of human face data 1 billion pieces of human body data 2 billion pieces of vehicle data
	<b>Video streaming performance</b>	32-channel [1080p to 800W]	64-channel[1080P]	60-channel[1080P]	<b>Search by picture (storage capacity for single data type)</b>	Accelerated searching for 30 million pieces of structured data
	<b>Image streaming performance</b>	160 pics/s	320 pics/s	450 pics/s		
	<b>Format</b>	jpeg, gif, bmp, png, tif	jpeg, gif, bmp, png, tif	jpeg, gif, bmp, png, tif		
Video structuralization	<b>List storage capacity</b>	1 million	1 million	3 million	<b>Human face</b>	Attribute search, search by picture, area comparison, frequently appeared person analysis, destination analysis, companion analysis, statistics analysis, human arming, etc.
	<b>Function module</b>	Moving target detection, tracking, rating, attribute analysis, modeling	Moving target detection, tracking, rating, attribute analysis, modeling	Moving target detection, tracking, rating, attribute analysis, modeling	<b>Human body</b>	Attribute search, statistics analysis, search by picture, etc.
	<b>Video processing performance</b>	32-channel (1080p to 800W)	64-channel[1080P]	60-channel[1080P]	<b>Vehicle</b>	Vehicle search, trace search, facial masking in night, entering downtown for first time, frequent entrance & exit, area comparison, search by picture, vehicle with fake license plate analysis, model arming, etc.
	<b>Security image processing performance</b>	48 pics/s	64 pics/s[500W]	85 pics/s[500W]		
	<b>Human body attribute</b>	Target direction/size/speed, upper/lower body clothing/color, age, hair, style, gender, whether riding, whether carrying bag, whether wearing hat, mask, whether carrying article, number of personnel on non-motor vehicle, vehicle type	Target direction/size/speed, upper/lower body clothing/color, age, hair style, gender, whether riding, whether carrying bag, whether wearing hat, mask, whether carrying article, number of personnel on non-motor vehicle,vehicle type	Target direction/size/speed, upper/lower body clothing/color, age, hair style, gender, whether riding, whether carrying bag, whether wearing hat, mask, whether carrying article, number of personnel on non-motor vehicle,vehicle type		
Vehicle analysis	<b>Vehicle attribute</b>	license plate number, vehicle color, vehicle type, vehicle main brand	license plate number, vehicle color, vehicle type, vehicle main brand	license plate number, vehicle color, vehicle type, vehicle main brand	<b>CPU</b>	Intel® Xeon® 4114 CPU x 2
	<b>Function module</b>	Vehicle detection, vehicle modeling, vehicle attribute analysis, vehicle recognition	Vehicle detection, vehicle modeling, vehicle attribute analysis, vehicle recognition	Vehicle detection, vehicle modeling, vehicle attribute analysis, vehicle recognition	<b>Memory</b>	256 GB DDR4
	<b>Resolution</b>	256 x 256 to 900 W pixel	256 x 256 to 900W Pixel	256 x 256 to 900W Pixel	<b>Hard disk drive</b>	240 GB M.2 x 2 + 480 GB SSD x 6 + 4 TB 7.2 K SATA x 2 (RAID_1)
	<b>Analysis and modeling</b>	6 million pieces/day (7 MP)	8 million pieces/day (7 MP)	5.1 million pieces/day (7 MP)	<b>Data interface</b>	GigE x 4 or above
	<b>Format</b>	Standard JPG/JPEG, BMP, PNG/TIFF, TIF, static GIF	Standard JPG/JPEG, BMP, PNG/TIFF, TIF, static GIF	Standard JPG/JPEG, BMP, PNG/TIFF, TIF, static GIF	<b>Power</b>	750 W (1 + 1)
*The above performance of facial analysis, vehicle analysis and video structuralization is mutually exclusive.						
General	4 × USB 3.0 interface, 2 × USB 2.0 interface	4 × USB 3.0 interface, 2 × USB 2.0 interface	2 × USB 3.0 interface, 2 × USB 2.0 interface	2 × USB 3.0 interface, 2 × USB 2.0 interface	<b>Mainboard</b>	
	1 × VGA interface	1 × VGA interface	1 × VGA interface	1 × VGA interface	<b>Memory</b>	
	4 × 1000M Ethernet interface	4 × 1000M Ethernet interface	4 × 1000M self-adaptive Ethernet interface	4 × 1000M self-adaptive Ethernet interface	<b>Interface</b>	
	19-inch 1.5U chassis	19-inch 1U chassis	19-inch 2U chassis	19-inch 2U chassis	<b>Power</b>	
	Power consumption: 360 W	Power consumption: 240 W	Power consumption: 750 W	Power consumption: 1600 W		
	Working temperature: +5°C to +35°C (41°F to 95 °F)	Working temperature: +5°C to +35°C (41°F to 95 °F)	Working temperature: +5°C to +35°C (41°F to 95 °F)	Working temperature: +5°C to +35°C (41°F to 95 °F)		
	Storage temperature: -40 °C to +70 °C (-40 °F to +158 °F)	Storage temperature: -40 °C to +70 °C (-40 °F to +158 °F)	Storage temperature: -40 °C to +70 °C (-40 °F to +158 °F)	Storage temperature: -40 °C to +70 °C (-40 °F to +158 °F)		
	Working humidity: 10% to 90%	Working humidity: 10% to 90%	Working humidity: 8% to 90% (without condensation)	Working humidity: 8% to 90% (without condensation)		

Network Camera	Panoramic Camera	Explosion-Proof & Anti-Corrosion Series	NVR	Network Storage	Data Center

Model	DS-IE6316-EL/FA	DS-IE6332-EL/FA
Image		
	<b>DeepinMind</b>	<b>DeepinMind</b>
Capture camera arming	<b>Upper limit of number</b>	16
	<b>Resolution</b>	Up to 8 MP
Normal IP camera arming	<b>Upper limit of number</b>	4
	<b>Resolution</b>	Up to 8 MP, 720p at least
<b>*The above performance is mutually exclusive.</b>		
Imported picture	<b>Resolution</b>	Up to 16 MP
	<b>Format</b>	jpeg, gif, bmp, png, tif
Blacklist	<b>Capacity</b>	Up to 16 blacklist libraries and 1 million blacklist pictures
	<b>Capacity</b>	1 million face pictures for face capture library
Data Storage	<b>Hard Disk</b>	1× built-in 2.5 inch 64 G SSD, 1× built-in 2.5 inch 1 TB enterprise HDD
	<b>USB</b>	4 × USB 3.0 interface
External interface	<b>VGA</b>	1 × VGA interface
	<b>Network</b>	2 × Gigabit RJ45 interfaces
	<b>Chassis</b>	19-inch 1.5U chassis
General	<b>Consumption</b>	200 W
	<b>Working temperature</b>	-10 °C to 55 °C (41 °F to 95 °F)
	<b>Storage temperature</b>	-40 °C to +70 °C (-40 °F to +158 °F)
	<b>Working humidity</b>	10% to 90%
	<b>Dimensions (W × D × H)</b>	440 mm × 390 mm × 70.5 mm (17.3 inch × 15.4 inch × 2.8 inch)

Model	DS-IX2001-A3U/X	DS-IX2002-A3U/X	DS-IX2003-A3U/X
Image			
			
Face picture analysis	<b>Analysis type</b>	Supports analysis, comparison and classification of faces in pictures, real-time videos or recordings.	Supports analysis, comparison and classification of faces in pictures, real-time videos or recordings.
	<b>Picture analysis and comparison</b>	120 pieces/second; Format: jpeg, bmp, tif, png	240 pieces/second; Format: jpeg, bmp, tif, png
	<b>Video analysis and comparison</b>	20 channels (1080 P)	40 channels (1080 P)
	<b>List Library</b>	3 million pictures in total (≤ 128 list libraries)	3 million pictures in total (≤ 128 list libraries)
	<b>1 V 1 comparison</b>	22 pairs/second	22 pairs/second
	<b>Imported video analysis</b>	Single video size ≤ 10 GB, and total video size ≤ 100 GB Max. 40 times accelerated analysis speed Format: ts, svac, mbf, ps, mp4, avi, asf	Single video size ≤ 10 GB, and total video size ≤ 100 GB Max. 40 times accelerated analysis speed Format: ts, svac, mbf, ps, mp4, avi, asf
	<b>Analysis Type</b>	Supports analysis and modelling for human bodies or vehicles in pictures, real-time videos or recordings.	Supports analysis and modelling for human bodies or vehicles in pictures, real-time videos or recordings.
	<b>Analysis of human body or vehicle pictures</b>	30 pieces/second Format: jpeg, bmp, tif, png	60 pieces/second Format: jpeg, bmp, tif, png
Device performance	<b>Analysis of human body or vehicle videos</b>	20 channels (1080 P)	40 channels (1080 P)
	<b>Imported video analysis</b>	Single video size ≤ 10 GB, and total video size ≤ 100 GB; Max. 40 times accelerated analysis speed; Format: ts, svac, mbf, ps, mp4, avi, asf	Single video size ≤ 10 GB, and total video size ≤ 100 GB; Max. 40 times accelerated analysis speed; Format: ts, svac, mbf, ps, mp4, avi, asf
	<b>*The above performance of facial analysis, vehicle analysis and video structuralization is mutually exclusive.</b>		
Video structured data analysis	<b>Data storage</b>	30 million	50 million
	<b>List library</b>	10 million (including 3 million alarm library)	10 million (including 3 million alarm library)
	<b>Network interface</b>	Gigabit Ethernet self-adaptive interface × 4	Gigabit Ethernet self-adaptive interface × 4
	<b>USB interface</b>	USB 2.0 × 2 + USB 3.0 × 2	USB 2.0 × 2 + USB 3.0 × 2
	<b>VGA interface</b>	2	2
	<b>Chassis specification</b>	19 inch 2 U standard chassis	19 inch 2 U standard chassis
	<b>Power module</b>	Hot-plugged efficient 1+1 redundant power module	Hot-plugged efficient 1+1 redundant power module
	<b>Power consumption</b>	750 W	1600 W
Hardware	<b>Storage temperature</b>	-40°C to 70°C (-40°F to 158°F)	-40°C to 70°C (-40°F to 158°F)
	<b>Working temperature</b>	5°C to 35°C (41°F to 95°F)	5°C to 35°C (41°F to 95°F)
	<b>Working humidity</b>	8% to 90% (without condensation)	8% to 90% (without condensation)
	<b>Dimension (L × W × H)</b>	715.5 mm × 482 mm × 86.8 mm (28.2 inch × 19.0 inch × 3.4 inch)	715.5 mm × 482 mm × 86.8 mm (28.2 inch × 19.0 inch × 3.4 inch)
	<b>Package size (L × W × H)</b>	965 mm × 670 mm × 320 mm (38.0 inch × 29.4 inch × 12.6 inch)	965 mm × 670 mm × 320 mm (38.0 inch × 29.4 inch × 12.6 inch)

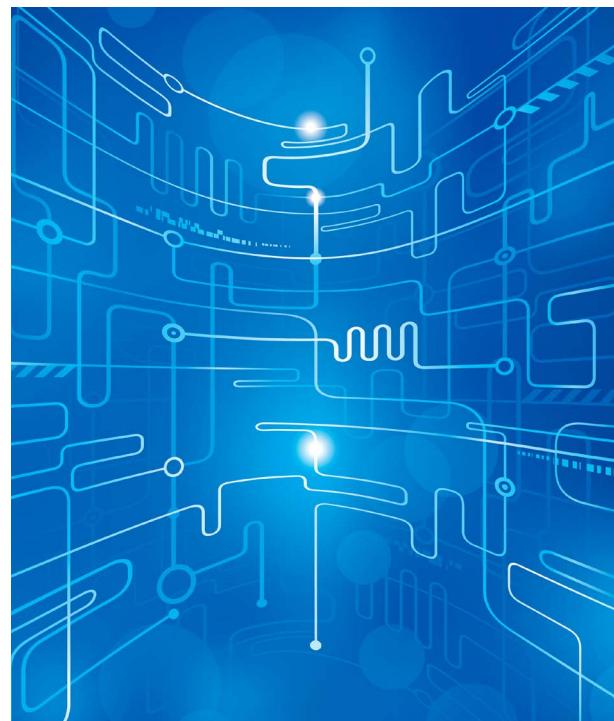
Model	DS-IE1016-03U/BA	DS-IE1024-03U/BA	DS-IE1032-03U/BA	DS-IE1064-03U/BA
Image				
	<b>DeepinMind</b>	<b>DeepinMind</b>	<b>DeepinMind</b>	<b>DeepinMind</b>
Function	<b>Perimeter protection detection</b> Intrusion detection, region entrance detection, region exiting detection,Cross-line detection	Intrusion detection, region entrance detection, region exiting detection,Cross-line detection	Intrusion detection, region entrance detection, region exiting detection,Cross-line detection	Intrusion detection, region entrance detection, region exiting detection,Cross-line detection
	<b>Street abnormal behavior detection</b> Gathering detection, falling-down detection, outdoor physical conflict detection	Gathering detection, falling-down detection, outdoor physical conflict detection	Gathering detection, falling-down detection, outdoor physical conflict detection	Gathering detection, falling-down detection, outdoor physical conflict detection
	<b>Situation analysis</b> Crowd density alarm, real-time people counting, overall people counting	Crowd density alarm, real-time people counting, overall people counting	Crowd density alarm, real-time people counting, overall people counting	Crowd density alarm, real-time people counting, overall people counting
Access Performance	<b>Indoor behavior detection</b> off-post detection, on-post sleep detection, Play phone detection	off-post detection, on-post sleep detection, Play phone detection	off-post detection, on-post sleep detection, Play phone detection	off-post detection, on-post sleep detection, Play phone detection
	<b>Access channel</b> 16-channel standard H.264, H.265 code stream real-time analysis	24-channel standard H.264, H.265 code stream real-time analysis	32-channel standard H.264, H.265 code stream real-time analysis	64-channel standard H.264, H.265 code stream real-time analysis
	<b>Resolution</b> 720p-800W (recommended 1080p)	720p-800W (recommended 1080p)	720p-800W (recommended 1080p)	720p-800W (recommended 1080p)
	<b>Processor</b> 1 Intel E3 series CPU	1 Intel E3 series CPU	1 Intel E3 series CPU	1 Intel E3 series CPU
	<b>Memory</b> 8 G DDR3	8 G DDR3	8G DDR3	8G DDR3
	<b>Hard disk</b> 1 built-in 240 G SSD	1 built-in 240 G SSD	1 built-in 240 G SSD	1 built-in 240 G SSD
Interface	<b>Network</b> 4 Gigabit adaptive network ports	4 Gigabit adaptive network ports	4 Gigabit adaptive network ports	4 Gigabit adaptive network ports
	<b>USB 3.0</b> 4	4	4	4
	<b>USB 2.0</b> 2	2	2	2
	<b>VGA</b> 1	1	1	1
	<b>Hard Disk Interface</b> 1 SATA interface, 1 mini-SATA interface	1 SATA interface, 1 mini-SATA interface	1 SATA interface, 1 mini-SATA interface	1 SATA interface, 1 mini-SATA interface
	<b>Chassis</b> 19-inch 1U standard chassis	19-inch 1U standard chassis	19-inch 1U standard chassis	19-inch 1U standard chassis
	<b>Power supply</b> Hot-swappable high-efficiency 1+1 redundant power supply	Hot-swappable high-efficiency 1+1 redundant power supply	Hot-swappable high-efficiency 1+1 redundant power supply	Hot-swappable high-efficiency 1+1 redundant power supply
Others	<b>Consumption (rated)</b> 800 W	800 W	800 W	800 W
	<b>Consumption</b> 400 W	400 W	400 W	400 W
	<b>Working temperature</b> 5°C to +35°C	5°C to +35°C	5°C to +35°C	5°C to +35°C
	<b>Storage temperature</b> -40°C to +70°C	-40°C to +70°C	-40°C to +70°C	-40°C to +70°C
	<b>Working humidity</b> 10% to 90%, no condensation	10% to 90%, no condensation	10% to 90%, no condensation	10% to 90%, no condensation
	<b>Dimensions (W × D × H)</b> 439 × 591 × 44 mm	439 × 591 × 44 mm	439 × 591 × 44 mm	439 × 591 × 44 mm

### Generic Server

# General Purpose Server

## Nearly Endless Applications

With high-performance hardware, General Purpose Servers have been expertly designed for various types of applications, such as in financial institutions, stock markets, transportation centers, postal and telecommunications centers, energy production, and other remote environments. These capable servers meet and exceed the strict requirements on performance, data scalability, and reliability.



Model	DS-VD22D-BHW2	DS-VD22D-BHW5
<b>Image</b>		
<b>Processor</b>	one Intel® Xeon® SP(4110*1)	two Intel® Xeon® SP(4114*2)
<b>Memory</b>	32G DDR4 DIMM	64G DDR4 DIMM
<b>storage controllers</b>	PERC H330	PERC H330
<b>Drive Bays</b>	1TB 7.2K SATA×2(RAID_1)	600G SAS 15K×4(RAID_10)
<b>Power supplies</b>	495W(1+1)	495W(1+1)
<b>Sizing</b>	Form factor: Rack (2U) Chassis depth: 715.5 mm 715.5 × 482 × 86.8 mm [28.2 × 19.0 × 3.4 inch]	Form factor: Rack (2U) Chassis depth: 715.5 mm 715.5 × 482 × 86.8 mm [28.2 × 19.0 × 3.4 inch]
<b>Sizing with Package</b>	960 × 610 × 295 mm [37.8 × 24.0 × 11.6 inch]	960 × 610 × 295 mm [37.8 × 24.0 × 11.6 inch]
<b>Embedded management</b>	iDRAC9, Enterprise	iDRAC9, Enterprise
<b>Bezel</b>	security bezel	security bezel
<b>OpenManage™ Software</b>	OpenManage Enterprise OpenManage Essentials	OpenManage Mobile OpenManage Power Center
<b>Integrations and connections</b>	Integrations: Microsoft® System Center, VMware® vCenter™, BMC Software Connections: Nagios & Nagios XI, Oracle Enterprise Manager, HP Operations Manager, IBM Tivoli Netcool/OMNibus, IBM Tivoli® Network Manager, CA Network and Systems Management	Integrations: Microsoft® System Center, VMware® vCenter™, BMC Software Connections: Nagios & Nagios XI, Oracle Enterprise Manager, HP Operations Manager, IBM Tivoli Netcool/OMNibus, IBM Tivoli® Network Manager, CA Network and Systems Management
<b>Net weight</b>	26.5 kg	26.5 kg
<b>Weight with Package</b>	35.1 kg	35.1 kg
<b>Security</b>	TPM 1.2/2.0 optional Cryptographically signed firmware Secure Boot System Lockdown Secure erase	TPM 1.2/2.0 optional Cryptographically signed firmware Secure Boot System Lockdown Secure erase
<b>I/O &amp; Ports</b>	This model is configured 4 x 1GE Front ports: Video, 2 x USB 2.0, available USB 3.0, dedicated iDRAC Direct Micro-USB Rear ports: Video, serial, 2 x USB 3.0, dedicated iDRAC network port Video card: VGA	This model is configured 4 x 1GE Front ports: Video, 2 x USB 2.0, available USB 3.0, dedicated iDRAC Direct Micro-USB Rear ports: Video, serial, 2 x USB 3.0, dedicated iDRAC network port Video card: VGA
<b>Supported operating systems</b>	This model is installed with Win SVR 2016 global standard system	This model is not configured by default.
<b>Storage temperature</b>	-	-
<b>Working temperature</b>	-	-
<b>Working humidity</b>	-	-
<b>Embedded NIC</b>	-	-
<b>Device Access</b>	-	-

Model	DS-VD22D-BHW6	DS-VD22D-BHW7	DS-VD22D-BHW15	DS-VE11D-CHW01
<b>Image</b>				
<b>Processor</b>	two Intel® Xeon® SP(4110*2)	two Intel® Xeon® SP(4114*2)	two Intel® Xeon® SP(4110*2)	E2124*1
<b>Memory</b>	32G DDR4 DIMM	64G DDR4 DIMM	64G DDR4 DIMM	16G DDR4 DIMM
<b>storage controllers</b>	PERC H330	PERC H330	PERC H330	H330 x 1
<b>Drive Bays</b>	1TB 7.2K SATA×2(RAID_1)	S4510 960G×3+S4610 240G*1	1TB 7.2K SATA×2(RAID_1)	1T 7.2K SATA×2
<b>Power supplies</b>	495W(1+1)	495W(1+1)	495W(1+1)	Single 250W (Bronze) power supply
<b>Sizing</b>	Form factor: Rack [2U] Chassis depth: 715.5 mm 715.5 × 482 × 86.8 mm [28.2 × 19.0 × 3.4 inch]	Form factor: Rack [2U] Chassis depth: 715.5 mm 715.5 × 482 × 86.8 mm [28.2 × 19.0 × 3.4 inch]	Form factor: Rack [2U] Chassis depth: 715.5 mm 715.5 × 482 × 86.8 mm [28.2 × 19.0 × 3.4 inch]	Form factor: Rack [1U] Chassis width: 434.00mm [17.08 in] Chassis depth: 595.63mm [23.45 in] [3.5" HDD config] Note: These dimensions do not include: bezel, redundant PSU
<b>Sizing with Package</b>	960 × 610 × 295 mm [37.8 × 24.0× 11.6 inch]	960 × 610 × 295 mm [37.8 × 24.0× 11.6 inch]	960 × 610 × 295 mm [37.8 × 24.0× 11.6 inch]	750 mm × 614 mm × 259 mm (29.53" × 24.17" × 10.2")
<b>Embedded management</b>	iDRAC9, Enterprise	IPMI 2.0 compliant iDRAC9 with Lifecycle Controller (Express, Enterprise) Quick Sync 2 wireless module optional	iDRAC9, Enterprise	iDRAC9 with Lifecycle Controller (Enterprise)
<b>Bezel</b>	security bezel	security bezel	security bezel	-
<b>OpenManage™ Software</b>	OpenManage Enterprise OpenManage Essentials OpenManage Power Center	OpenManage Enterprise OpenManage Essentials OpenManage Power Center	OpenManage Enterprise OpenManage Essentials OpenManage Power Center	-
<b>Integrations and connections</b>	Integrations: Microsoft® System Center, VMware® vCenter™, BMC Software Connections: Nagios & Nagios XI, Oracle Enterprise Manager, HP Operations Manager, IBM Tivoli Netcool/OMNibus, IBM Tivoli® Network Manager, CA Network and Systems Management	Integrations: Microsoft® System Center, VMware® vCenter™, BMC Software Connections: Nagios & Nagios XI, Oracle Enterprise Manager, HP Operations Manager, IBM Tivoli Netcool/OMNibus, IBM Tivoli® Network Manager, CA Network and Systems Management	Integrations: Microsoft® System Center, VMware® vCenter™, BMC Software Connections: Nagios & Nagios XI, Oracle Enterprise Manager, HP Operations Manager, IBM Tivoli Netcool/OMNibus, IBM Tivoli® Network Manager, CA Network and Systems Management	Integrations: Microsoft® System Center VMware® vCenter™ BMC Truesight (available from BMC) Red Hat Ansible Connections: Nagios Core & Nagios XI Micro Focus Operations Manager i (OMi) IBM Tivoli Netcool/OMNibus
<b>Net weight</b>	26.5 kg	26.5 kg	26.5 kg	12.2kg
<b>Weight with Package</b>	35.1 kg	35.1 kg	35.1 kg	18.5kg
<b>Security</b>	TPM 1.2/2.0 optional Cryptographically signed firmware Secure Boot System Lockdown Secure erase	TPM 1.2/2.0 optional Cryptographically signed firmware Secure Boot System Lockdown Secure erase	TPM 1.2/2.0 optional Cryptographically signed firmware Secure Boot System Lockdown Secure erase	-
<b>I/O &amp; Ports</b>	This model is configured 4 x 1GE Front ports: Video, 2 x USB 2.0, available USB 3.0, dedicated iDRAC Direct Micro-USB Rear ports: Video, serial, 2 x USB 3.0, dedicated iDRAC network port Video card: VGA	This model is configured 4 x 1GE Front ports: Video, 2 x USB 2.0, available USB 3.0, dedicated iDRAC Direct Micro-USB Rear ports: Video, serial, 2 x USB 3.0, dedicated iDRAC network port Video card: VGA	This model is configured 4 x 1GE Front ports: Video, 2 x USB 2.0 Rear ports: Video, serial, 2 x USB 3.0 Video card: VGA*1	-
<b>Supported operating systems</b>	This model is not configured by default.	This model is not configured by default.	This model is not configured by default	This model is installed with Windows Server 2016 multilingual operating system.
<b>Storage temperature</b>	-	-	-40°C to +70°C (-40°F to 158 °F)	-
<b>Working temperature</b>	-	-	+5°C to +35°C (41°F to 95 °F)	-
<b>Working humidity</b>	-	-	8 % to 90 % (without condensation)	-
<b>Embedded NIC</b>	-	-	-	2 x 1GbE LOM Network Interface Controller (NIC) ports
<b>Device Access</b>	-	-	-	Front ports: 1x USB 2.0 Rear ports: 2 x USB 3.0, VGA, serial connector

Network Camera PTZ Dome Camera Panoramic Camera Camera Explosion-Proof & Anti-Corrosion Series NVR Storage Data Center Thermal Display Commercial Decoder Video Wall Controller Software Accessories DORI Distance

# Thermal

084 Security

090 Thermography

095 Commercial Vision



# Security Group Products

See the World in a New Way

- Powerful Behavior Analyses: Line crossing, Intrusion, Region entrance & exit
- Superior environmental adaptability
- More accurate alarms
- Extended distances
- Temperature measurement and fire detection
- Better visuals



## Thermal - Single Lens

Model	DS-2TD1117-2P/3P/6P	DS-2TD1117-2PA/3PA/6PA series	DS-2TD2117-3P/6P/10P	DS-2TD2117-3PA/6PA/10PA	DS-2TD2137-7P/10P/15P/25P/35P	DS-2TD2137-7VP/10VP/15VP/25VP/35VP
<b>Image</b>	 HOT	 Strobe Light and Audio Alarm	 HOT	 Strobe Light and Audio Alarm	 NEW	 NEW
<b>Sensor (Thermal)</b>	Vanadium Oxide Uncooled Focal Plane Arrays	Vanadium Oxide Uncooled Focal Plane Arrays	Vanadium Oxide Uncooled Focal Plane Arrays	Vanadium Oxide Uncooled Focal Plane Arrays	Vanadium Oxide Uncooled Focal Plane Arrays	Vanadium Oxide Uncooled Focal Plane Arrays
<b>NETD</b>	Less than 40 mK (25 °C), F# = 1.1	< 40 mK (@25 °C, F# = 1.1)	≤ 40 mK (25 °C, F# = 1.1)	< 40 mK (@25 °C, F# = 1.1)	< 35 mK (@25°C, F#=1.0)	< 35 mK (@25°C, F#=1.0)
<b>Pixel Pitch (Thermal)</b>	17 µm	17 µm	17 µm	17 µm	17 µm	17 µm
<b>Resolution (Thermal)</b>	160 × 120 (the resolution of output image is 320 × 240)	160 × 120	160 × 120 (the resolution of output image is 320 × 240)	160 × 120	384 × 288	384 × 288
<b>Sensor (Optical)</b>	-	-	-	-	-	-
<b>Max. Resolution (Optical)</b>	-	-	-	-	-	-
<b>Min. Illumination (Optical)</b>	-	-	-	-	-	-
<b>Lens</b>	2, 3 or 6 mm	2, 3 or 6 mm	3, 6 or 10 mm	3, 6 or 10 mm	7, 10, 15, 25 or 35 mm	7, 10, 15, 25 or 35 mm
<b>Field of View (Thermal)</b>	2 mm: 90° × 66.4° 3 mm: 50° × 37.2° 6 mm: 25.0° × 18.7°	2 mm: 90° × 66.4° 3 mm: 50° × 37.2° 6 mm: 25.0° × 18.7°	3 mm: 50° × 37.2° 6 mm: 25.0° × 18.7° 10 mm: 15.96° × 12°	3 mm: 50° × 37.2° 6 mm: 25.0° × 18.7° 10 mm: 15.96° × 12°	7 mm: 60° × 44.1°; 10 mm: 37.5° × 28.5°; 15 mm: 24.5° × 18.5°; 25 mm: 14.9° × 11.2°; 35 mm: 10.7° × 8°	7 mm: 60° × 43.8°; 10 mm: 36° × 27°; 15 mm: 24.55° × 18.54°; 25 mm: 14.88° × 11.19°; 35 mm: 10.66° × 8.002°
<b>Video Compression</b>	H.265/H.264/MJPEG	H.265/H.264/H.264+ encoding with Baseline/Main/High Profile	H.265/H.264/MJPEG	H.265/H.264/MJPEG, H.265+/H.264+ encoding with Baseline/Main/High Profile	H.265/H.264/MJPEG	H.265/H.264/MJPEG, H.265+/H.264+ encoding with Baseline/Main/High Profile
<b>Frame Rate</b>	25 fps	25 fps	25 fps	25 fps	25 fps	50 fps
<b>Ingress Protection</b>	IP66 Standard, TVS 6000V lightning protection, surge protection, voltage transient protection	IP66 Standard, TVS 6000V Lightning protection, surge protection, voltage transient protection	IP66 Standard TVS 6000V lightning protection, surge protection, voltage transient protection	IP66 Standard TVS 6000V lightning protection, surge protection, voltage transient protection	IP66 Standard TVS 6000V Lightning protection, surge protection, voltage transient protection	IP66 Standard, TVS 6000V Lightning protection, surge protection, voltage transient protection
<b>Pan/Tilt</b>	-	-	-	-	-	-
<b>Audio Input</b>	1, 3.5 mm Mic in/Line in interface. Line input: 2-2.4 V [p-p], output impedance: 1 kΩ ± 10%	1-ch 3.5 mm Mic in/Line in interface. Line input: 2-2.4 V [p-p], output impedance: 1 kΩ ± 10%	1, 3.5 mm Mic in/Line in interface. Line input: 2-2.4 V [p-p], output impedance: 1 kΩ ± 10%	1-ch 3.5 mm Mic in/Line in interface. Line input: 2-2.4 V [p-p], output impedance: 1 kΩ ± 10%	1 3.5mm Mic in/Line in interface. Line input: 2-2.4 V [p-p], output impedance: 1 kΩ ± 10%	1-ch 3.5mm Mic in/Line in interface. Line input: 2-2.4 V [p-p], output impedance: 1 kΩ ± 10%
<b>Audio Output</b>	Linear level, impedance: 600 Ω	Linear level; impedance: 600 Ω	Linear Level; Impedance: 600Ω	Linear level, impedance: 600 Ω	Line level, impedance: 600 Ω	Linear Level; Impedance: 600 Ω
<b>Alarm Input</b>	1-ch inputs [0-5 VDC]	1-ch inputs [0-5 VDC]	2-ch inputs [0-5 VDC]	2-ch inputs [0-5 VDC]	2-ch Input [0-5 VDC]	2-ch inputs [0-5 VDC]
<b>Alarm Output</b>	1-ch relay outputs, alarm response actions configurable	1-ch relay outputs, alarm response actions configurable	2-ch relay outputs, alarm response actions configurable	2-ch relay outputs, alarm response actions configurable	2-ch relay outputs, alarm response actions configurable	2-ch relay output, supports Alarm Linkage
<b>Power</b>	12 VDC ± 20%, two-core terminal block PoE (802.3af, class 3)	12 VDC ± 20% PoE (802.3af)	12 VDC ± 20%, two-core terminal block PoE (802.3af, class 3)	12 VDC ± 20% PoE (802.3af)	24 VAC ± 25%, 12 VDC ± 25%, two-core terminal block PoE (802.3af, class 3)	12 VDC ± 20% PoE (802.3af)
<b>Environmental Requirement</b>	-40 °C to 65 °C (-40 °F to 149 °F) 95% or less	From -40 °C to 65 °C (-40 °F to 149 °F), Humidity: 90% or less	-40 °C to 65 °C (-40 °F to 149 °F) 95% or less	From -40 °C to 65 °C (-40 °F to 149 °F), Humidity: 90% or less	Temperature: -40 °C to 65 °C (-40 °F to 149 °F) Humidity: 90% or less	From -40 °C to 65 °C (-40 °F to 149 °F), Humidity: 90% or less
<b>VCA</b>	4 VCA rule types (Line Crossing, Intrusion, Region Entrance, and Region Exiting), up to 8 VCA rules totally.	Line Crossing, Intrusion, Region Entrance, and Region Exiting	4 VCA rule types (line crossing, intrusion, region entrance, and region exiting), up to 8 VCA rules in total.	Line Crossing, Intrusion, Region Entrance, and Region Exiting	4 VCA rule types (Line Crossing, Intrusion, Region Entrance, and Region Exiting), up to 8 VCA rules.	-
<b>Fire Detection</b>	Dynamic fire point detection, up to 10 fire points detectable.	Dynamic fire point detection, up to 10 fire points detectable.	Dynamic fire point detection, up to 10 fire points detectable.	Dynamic fire point detection, up to 10 fire points detectable.	Dynamic fire point detection, up to 10 fire points detectable.	Dynamic fire point detection, up to 10 fire points detectable.
<b>Temperature Measuring Range</b>	-20 °C to +150 °C (-4 °F to +302 °F)	-20 °C to +150 °C (-4 °F to +302 °F)	-20 °C to +150 °C (-4 °F to +302 °F)	-20 °C to +150 °C (-4 °F to +302 °F)	-20 °C to +150 °C (-4 °F to +302 °F)	-20 °C to +150 °C (-4 °F to +302 °F)
<b>Temperature Accuracy</b>	± 8 °C (± 14.4 °F)	± 8 °C (± 14.4 °F)	± 8 °C (± 14.4 °F)	± 8 °C (± 14.4 °F)	± 8 °C (± 14.4 °F)	± 8 °C (± 14.4 °F)

Model	DS-2TD2166-7V1/15V1/25V1/35V1	DS-2TD2336-50/75/100	DS-2TD2366-50/75/100	DS-2TD2466-25Y/50Y
Image				(Anti-corrosion)
Sensor (Thermal)	Vanadium Oxide Uncooled Focal Plane Arrays	Vanadium Oxide Uncooled Focal Plane Arrays	Vanadium Oxide Uncooled Focal Plane Arrays	Vanadium Oxide Uncooled Focal Plane Arrays
NETD	< 40 mk (@25°C, F# = 1.0)	< 40 mk (@25°C, F# = 1.0)	< 40 mk (@25°C, F# = 1.0)	< 40 mk (@25°C, F# = 1.0)
Pixel Pitch (Thermal)	17 µm	17 µm	17 µm	17 µm
Resolution (Thermal)	640 × 512	384 × 288	640 × 512	640 × 512
Sensor (Optical)	-	-	-	-
Max. Resolution (Optical)	-	-	-	-
Min. Illumination (Optical)	-	-	-	-
Lens	7, 15, 25 or 35 mm	50, 75 or 100 mm	50, 75 or 100 mm	25 or 50 mm
Field of View (Thermal)	7 mm: 88.5° × 73.2°; 15 mm: 39.87° × 32.36°; 25 mm: 24.55° × 19.75°; 35 mm: 17.67° × 14.18°	50 mm: 7.47° × 5.61°; 75 mm: 4.98° × 3.74°; 100 mm: 3.74° × 2.8°	50 mm: 12.42° × 9.95°; 75 mm: 8.3° × 6.64°; 100 mm: 6.23° × 4.98°	25 mm: 24.55° × 19.75°; 50 mm: 12.42° × 9.95°
Video Compression	H.265/H.264, H.265+/H.264+ encoding with Baseline/Main/High Profile	H.265/H.264, H.265+/H.264+ encoding with Baseline/Main/High Profile	H.265/H.264, H.265+/H.264+ encoding with Baseline/Main/High Profile	H.265/H.264, H.265+/H.264+ encoding with Baseline/Main/High Profile
Frame Rate	50 fps	50 fps	50 fps	50 fps
Ingress Protection	IP66 Standard, TVS 6000V Lightning protection, surge protection, voltage transient protection	IP66 Standard, TVS 6000V Lightning protection, surge protection, voltage transient protection	IP66 Standard, TVS 6000V Lightning protection, surge protection, voltage transient protection	IP66 Standard, TVS 6000V Lightning protection, surge protection, voltage transient protection
Pan/Tilt	-	-	-	-
Audio Input	1-ch 3.5mm Mic in/Line in interface. Line input: 2-2.4V(p-p), output impedance: 1 kΩ ± 10%	1-ch 3.5mm Mic in/Line in interface. Line input: 2-2.4V(p-p), output impedance: 1 kΩ ± 10%	1-ch 3.5mm Mic in/Line in interface. Line input: 2-2.4V(p-p), output impedance: 1 kΩ ± 10%	1-ch 3.5mm Mic in/Line in interface. Line input: 2-2.4V(p-p), output impedance: 1 kΩ ± 10%
Audio Output	Line level, impedance: 600 Ω	Line level, impedance: 600 Ω	Line level, impedance: 600 Ω	Line level, impedance: 600 Ω
Alarm Input	2-ch Input [0-5 VDC]	2-ch Input [0-5 VDC]	2-ch Input [0-5 VDC]	2-ch Input [0-5 VDC]
Alarm Output	2-ch relay output, supports Alarm Linkage	2-ch relay output, supports Alarm Linkage	2-ch relay output, supports Alarm Linkage	2-ch relay output, supports Alarm Linkage
Power	12 VDC ± 20% PoE (802.3af) 24 VAC ± 25%	12 VDC ± 20% 24 VAC ± 25%	12 VDC ± 20% 24 VAC ± 25%	100-240 VAC PoE (802.3at)
Environmental Requirement	From -40 °C to 65 °C (-40 °F to 149 °F); Humidity: 90% or less	From -40 °C to 65 °C (-40 °F to 149 °F); Humidity: 90% or less	From -40 °C to 65 °C (-40 °F to 149 °F); Humidity: 90% or less	From -40 °C to 65 °C (-40 °F to 149 °F); Humidity: 90% or less
VCA	Line Crossing, Intrusion, Region Entrance, and Region Exiting	Line Crossing, Intrusion, Region Entrance, and Region Exiting	Line Crossing, Intrusion, Region Entrance, and Region Exiting	Line Crossing, Intrusion, Region Entrance, and Region Exiting
Fire Detection	Dynamic fire point detection, up to 10 fire points detectable.	Dynamic fire point detection, up to 10 fire points detectable.	Dynamic fire point detection, up to 10 fire points detectable.	Dynamic fire point detection, up to 10 fire points detectable.
Temperature Mesuring Range	-20 °C to +150 °C (-4 °F to +302 °F)	-20 °C to +150 °C (-4 °F to +302 °F)	-20 °C to +150 °C (-4 °F to +302 °F)	-20 °C to +150 °C (-4 °F to +302 °F)
Temperature Accuracy	± 8 °C (± 14.4 °F)	± 8 °C (± 14.4 °F)	± 8 °C (± 14.4 °F)	± 8 °C (± 14.4 °F)

Network Camera, PTZ Dome Camera, Panoramic Camera, Explosion-Proof & Anti-Corrosion Series, NVR, Network Storage Center, Thermal Commercial Display, Decoder, Video Wall Controller, Software, Accessories, DORI Distance

## Thermal - Dual Lens

Model	DS-2TD1217-2P/3P/6P	DS-2TD1217-2PA/3PA/6PA	DS-2TD2617-3P/6P/10P	DS-2TD2617-3PA/6PA/10PA	DS-2TD2637-10P/15P/25P/35P
Image	 <span style="color: orange;">HOT</span>	 <span style="color: red;">Strobe Light and Audio Alarm</span>	 <span style="color: orange;">HOT</span>	 <span style="color: red;">Strobe Light and Audio Alarm</span>	 <span style="color: red;">NEW</span>
Sensor (Thermal)	Vanadium Oxide Uncooled Focal Plane Arrays	Vanadium Oxide Uncooled Focal Plane Arrays	Vanadium Oxide Uncooled Focal Plane Arrays	Vanadium Oxide Uncooled Focal Plane Arrays	Vanadium Oxide Uncooled Focal Plane Arrays
NETD	Less than 40 mK (25°C), F# = 1.1	< 40 mK (@25 °C, F# = 1.1)	≤ 40 mK (@25 °C, F# = 1.1)	< 40 mK (@25 °C, F# = 1.1)	≤ 35 mK (@25 °C, F# = 1.0)
Pixel Pitch (Thermal)	17 µm	17 µm	17 µm	17 µm	17 µm
Resolution (Thermal)	160 × 120 (the resolution of output image is 320 × 240)	160 × 120	160 × 120 (the resolution of output image is 320 × 240)	160 × 120	384 × 288
Sensor (Optical)	1/2.7" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS
Max. Resolution (Optical)	2688 × 1520	2688 × 1520	2688 × 1520	2688 × 1520	2688 × 1520
Min. Illumination (Optical)	2P Color: 0.0176 Lux @ (F2.25, AGC ON), B/W: 0.0035 Lux @ (F2.25, AGC ON) 3/6P Color: 0.0089 Lux @ (F1.6, AGC ON), B/W: 0.002 Lux @ (F1.6, AGC ON)	2PA Color: 0.018 lux @ (F1.6, AGC ON), B/W: 0.004 lux @ (F1.6, AGC ON) 3/6PA Color: 0.009 lux @ (F1.6, AGC ON), B/W: 0.002 lux @ (F1.6, AGC ON)	Color: 0.0089 Lux @ (F1.6, AGC ON), B/W: 0.0018 Lux @ (F1.6, AGC ON)	Color: 0.009 lux @ (F1.6, AGC ON), B/W: 0.002 lux @ (F1.6, AGC ON)	Color: 0.0089 Lux @ (F1.6, AGC ON), B/W: 0.0018 Lux @ (F1.6, AGC ON)
Lens	Thermal: 2, 3 or 6 mm Optical: 2, 4 or 6 mm	Thermal: 2, 3 or 6 mm Optical: 2, 4 or 6 mm	Thermal: 3, 6 or 10 mm Optical: 4, 6 or 8 mm	Thermal: 3, 6 or 10 mm Optical: 4, 6 or 8 mm	Thermal: 10 mm, 15 mm, 25 mm or 35 mm Optical: 4mm, 6mm, 12mm or 15mm
Field of View (Thermal)	2.1 mm: 119.34° × 93.3° 4 mm: 84° × 44.8° 8 mm: 39.42° × 22.14°	2 mm: 90° × 66.4° 3 mm: 50° × 37.2° 6 mm: 25.0° × 18.7°	3 mm: 50° × 37.2° 6 mm: 25.0° × 18.7° 10 mm: 15.96° × 12°	3 mm: 50° × 37.2° 6 mm: 25.0° × 18.7° 10 mm: 15.96° × 12°	10mm: 37.5° × 28.5° 15mm: 24.5° × 18.5° 25mm: 14.9° × 11.2° 35mm: 10.7° × 8.0°
Video Compression	H.265/H.264/MJPEG	H.265/H.264, H.265+/H.264+ encoding with Baseline/Main/High Profile	H.265/H.264/MJPEG	H.265/H.264, H.265+/H.264+ encoding with Baseline/Main/High Profile	H.265/H.264/MJPEG
Frame Rate	25 fps	25 fps	25 fps	25 fps	25fps
Ingress Protection	IP66 Standard, TVS 6000V Lightning protection, surge protection, voltage transient protection	IP66 Standard, TVS 6000V Lightning protection, surge protection, voltage transient protection	IP66 Standard TVS 6000V lightning protection, surge protection, voltage transient protection	IP66 Standard TVS 6000V lightning protection, surge protection, voltage transient protection	IP66 Standard TVS 6000V lightning protection, surge protection, voltage transient protection
Pan/Tilt	-	-	-	-	-
Audio Input	1, 3.5 mm Mic In/Line in interface. Line input: 2 - 2.4 V [p-p], output impedance: 1 kΩ ± 10%	1-ch 3.5 mm Mic In/Line in interface. Line input: 2 to 2.4 V [p-p], output impedance: 1 kΩ ± 10%	1, 3.5 mm Mic In/Line in interface. Line input: 2 to 2.4 V [p-p], output impedance: 1 kΩ ± 10%	1-ch 3.5 mm Mic In/Line in interface. Line input: 2 to 2.4 V [p-p], output impedance: 1 kΩ ± 10%	1, 3.5 mm Mic In/Line in interface. Line input: 2 to 2.4 V [p-p], output impedance: 1 kΩ ± 10%
Audio Output	Linear level; impedance: 600 Ω	Linear level; impedance: 600 Ω	Linear level, impedance: 600 Ω	Linear level, impedance: 600 Ω	Linear level, impedance: 600 Ω
Alarm Input	1-ch inputs [0-5 VDC]	1-ch inputs [0-5 VDC]	2-ch inputs [0-5 VDC]	2-ch inputs [0-5 VDC]	2-ch inputs [0-5 VDC]
Alarm Output	1-ch relay outputs, alarm response actions configurable	1-ch relay outputs, alarm response actions configurable	2-ch relay outputs, alarm response actions configurable	2-ch relay outputs, alarm response actions configurable	2-ch relay outputs, alarm response actions configurable
Power	12 VDC ± 20%, two-core terminal block PoE (802.3af, class 3)	12 VDC ± 20% PoE (802.3af)	12 VDC ± 20%, two-core terminal block PoE (802.3af, class 3)	12 VDC ± 20% PoE (802.3af)	24 VAC± 25%, 12 VDC± 25%, two-core terminal block PoE (802.3af, class 3)
Environmental Requirement	From -40 °C to 65 °C (-40 °F to 149 °F); Humidity: 90% or less	From -40 °C to 65 °C (-40 °F to 149 °F); Humidity: 90% or less	Temperature: -40 °C to 65 °C (-40 °F to 149 °F) Humidity: 95% or less	From -40 °C to 65 °C (-40 °F to 149 °F); Humidity: 90% or less	Temperature: -40 °C to 65 °C (-40 °F to 149 °F) Humidity: 95% or less
VCA	4 VCA rule types (Line Crossing, Intrusion, Region Entrance, and Region Exiting), up to 8 VCA rules totally.	Line Crossing, Intrusion, Region Entrance, and Region Exiting	4 VCA rule types (line crossing, intrusion, region entrance, and region exiting), up to 8 VCA rules in total	Line Crossing, Intrusion, Region Entrance, and Region Exiting	4 VCA rule types (line crossing, intrusion, region entrance, and region exiting), up to 8 VCA rules in total.
Fire Detection	Dynamic fire point detection, up to 10 fire points detectable.	Dynamic fire point detection, up to 10 fire points detectable.	Dynamic fire point detection, up to 10 fire points detectable.	Dynamic fire point detection, up to 10 fire points detectable.	Dynamic fire point detection, up to 10 fire points detectable.
Temperature Measuring Range	-20 °C to +150 °C (-4 °F to +302 °F)	-20 °C to +150 °C (-4 °F to +302 °F)	-20 °C to +150 °C (-4 °F to +302 °F)	-20 °C to +150 °C (-4 °F to +302 °F)	-20 °C to +150 °C (-4 °F to +302 °F)
Temperature Accuracy	± 8 °C (± 14.4 °F)	± 8 °C (± 14.4 °F)	± 8 °C (± 14.4 °F)	± 8 °C (± 14.4 °F)	± 8 °C (± 14.4 °F)

Model	DS-2TD2836-25/50/V1	DS-2TD2866-25/50/V1	DS-2TD4237-10V2/25V2	DS-2TD4136-25V2/50V2	DS-2TD4166-25V2/50V2
Image			 NEW		
Sensor (Thermal)	Vanadium Oxide Uncooled Focal Plane Arrays				
NETD	< 40 mk (@25°C, F# = 1.0)				
Pixel Pitch (Thermal)	17 µm				
Resolution (Thermal)	384 × 288	384 × 288	384 × 288	384 × 288	640 × 512
Sensor (Optical)	1/2.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/1.9" Progressive Scan CMOS	1/1.9" Progressive Scan CMOS
Max. Resolution (Optical)	1920 × 1080	1920 × 1080	1920 × 1080	1920 × 1080	1920 × 1080
Min. Illumination (Optical)	Color: 0.001 lux @ [F1.2, AGC ON], B/W: 0.0001 lux @ [F1.2, AGC ON]	Color: 0.001 lux @ [F1.2, AGC ON], B/W: 0.0001 lux @ [F1.2, AGC ON]	Color: 0.05 lux @ [F1.2, AGC On] B/W: 0.01 lux @ [F1.2, AGC On]	Color: 0.002 lux @ [F1.5, AGC On] B/W: 0.0002 lux @ [F1.5, AGC On]	Color: 0.002 lux @ [F1.5, AGC On] B/W: 0.0002 lux @ [F1.5, AGC On]
Lens	Thermal: 25 or 50 mm Optical: 13 or 25 mm	Thermal: 25 or 50 mm Optical: 13 or 25 mm	Thermal: 10 or 25 mm Optical: 4.8-153 mm	Thermal: 25 or 50 mm Optical: 5.7-205.2 mm	Thermal: 25 or 50 mm Optical: 5.7-205.2 mm
Field of View (Thermal)	25 mm: 14.88° × 11.19° 50 mm: 7.47° × 5.61°	25 mm: 14.88° × 11.19° 50 mm: 7.47° × 5.61°	10 mm: 37.7° × 28.7° 25 mm: 14.88° × 11.19°	25 mm: 15° × 11° 50 mm: 7.47° × 5.61°	25 mm: 24.55° × 19.75° 50 mm: 12.42° × 9.95°
Video Compression	H.265/H.264, H.265+/H.264+ encoding with Baseline/Main/High Profile				
Frame Rate	50fps	50fps	25 fps	25 fps	25 fps
Ingress Protection	IP66 Standard TVS 6000V lightning protection, surge protection, voltage transient protection	IP66 Standard TVS 6000V lightning protection, surge protection, voltage transient protection	IP66 Standard TVS 6000V Lightning protection, surge protection, voltage transient protection	IP66 Standard, TVS 6000V Lightning protection, surge protection, voltage transient protection	IP66 Standard, TVS 6000V Lightning protection, surge protection, voltage transient protection
Pan/Tilt	-	-	Pan: 360° Continuous Rotate; Tilt: From -5° to + 90°(auto flip)	Pan: 360° Continuous Rotate; Tilt: From -20° to + 90°(auto flip)	Pan: 360° Continuous Rotate; Tilt: From -20° to + 90°(auto flip)
Audio Input	1-ch 3.5 mm Mic in/Line in interface. Line input: 2-2.4V(p-p), output impedance: 1 kΩ ± 10%	1-ch 3.5 mm Mic in/Line in interface. Line input: 2-2.4V(p-p), output impedance: 1 kΩ ± 10%	1-ch 3.5 mm Mic in/Line in interface. Line input: 2-2.4V(p-p), output impedance: 1 kΩ ± 10%	1-ch 3.5 mm Mic in/Line in interface. Line input: 2-2.4V(p-p), output impedance: 1 kΩ ± 10%	1-ch 3.5 mm Mic in/Line in interface. Line input: 2-2.4V(p-p), output impedance: 1 kΩ ± 10%
Audio Output	Linear Level; Impedance: 600 Ω				
Alarm Input	2-ch inputs (0-5 VDC)	2-ch inputs (0-5 VDC)	Up to 7-ch inputs (0-5 VDC)	Up to 7-ch inputs (0-5 VDC)	Up to 7-ch inputs (0-5 VDC)
Alarm Output	2-ch relay outputs, alarm response actions configurable				
Power	12 VDC ± 20% PoE (802.3af) 24 VAC ± 25%	12 VDC ± 20% PoE (802.3af) 24 VAC ± 25%	24 VAC ± 25%	24 VAC ± 25%	24 VAC ± 25%
Environmental Requirement	From -40 ° C to 65 ° C (-40 ° F to 149 ° F); Humidity: 90% or less	From -40 ° C to 65 ° C (-40 ° F to 149 ° F); Humidity: 90% or less	From -40 ° C to 65 ° C (-40 ° F to 149 ° F); Humidity: 90% or less	From -40 ° C to 65 ° C (-40 ° F to 149 ° F); Humidity: 90% or less	From -40 ° C to 65 ° C (-40 ° F to 149 ° F); Humidity: 90% or less
VCA	Line Crossing, Intrusion, Region Entrance, and Region Exiting	Line Crossing, Intrusion, Region Entrance, and Region Exiting	Line Crossing, Intrusion, Region Entrance, and Region Exiting	Line Crossing, Intrusion, Region Entrance, and Region Exiting	Line Crossing, Intrusion, Region Entrance, and Region Exiting
Fire Detection	Dynamic fire point detection, up to 10 fire points detectable.	Dynamic fire point detection, up to 10 fire points detectable.	Dynamic fire point detection, up to 10 fire points detectable.	Dynamic fire point detection, up to 10 fire points detectable.	Dynamic fire point detection, up to 10 fire points detectable.
Temperature Mesuring Range	-20 ° C to +150 ° C (-4 ° F to +302 ° F)	-20 ° C to +150 ° C (-4 ° F to +302 ° F)	-20 ° C to +150 ° C (-4 ° F to +302 ° F)	-20 ° C to 150 ° C (-4 ° F to +302 ° F)	-20 ° C to 150 ° C (-4 ° F to +302 ° F)
Temperature Accuracy	± 8 ° C (± 14.4 ° F)	± 8 ° C (± 14.4 ° F)	± 8 ° C (± 14.4 ° F)	± 8 ° C (± 14.4 ° F)	± 8 ° C (± 14.4 ° F)

Network Camera Ptz Dome Camera Panoramic Camera Explosion-Proof & Anti-Corrosion Series Nvr Network Storage Center Data Center Thermal Commercial Display Decoder Video Wall Controller Software Accessories Dori Distance

Model	DS-2TX3636-15A/25A/35A/V1	DS-2TX3636-15P/25P/35P/V1	DS-2TD6236-50H2LV2/75C2LV2	DS-2TD6266-50H2LV2/75C2LV2/100C2LV2	DS-2TD8166-75C2FV2/100C2FV2/150ZH2FV2/150Z E2FV2/180ZE2FV2
Image					
Sensor (Thermal)	Vanadium Oxide Uncooled Focal Plane Arrays	Vanadium Oxide Uncooled Focal Plane Arrays	Vanadium Oxide Uncooled Focal Plane Arrays	Vanadium Oxide Uncooled Focal Plane Arrays	Vanadium Oxide Uncooled Focal Plane Arrays
NETD	< 40 mK (@25°C, F# = 1.0)	< 40 mK (@25°C, F# = 1.0)	< 40 mK (@25°C, F# = 1.0)	< 40 mK (@25°C, F# = 1.0)	< 40 mK (@25°C, F# = 1.0)
Pixel Pitch (Thermal)	17 μm	17 μm	17 μm	17 μm	17 μm
Resolution (Thermal)	384 × 288	384 × 288	384 × 288	640 × 512	640 × 512
Sensor (Optical)	1/1.9" Progressive Scan CMOS	1/1.9" Progressive Scan CMOS	H: 1/1.9" Progressive Scan CMOS C: 1/2.8" Progressive Scan CMOS	H: 1/1.9" Progressive Scan CMOS C: 1/2.8" Progressive Scan CMOS	H: 1/1.9" Progressive Scan CMOS C: 1/2.8" Progressive Scan CMOS E: 1/1.8" Progressive Scan CMOS
Max. Resolution (Optical)	1920 × 1080	1920 × 1080	1920 × 1080	1920 × 1080	1920 × 1080
Min. Illumination (Optical)	Color: 0.002 lux @ [F1.5, AGC On] B/W: 0.0002 lux @ [F1.5, AGC On]	Color: 0.002 lux @ [F1.5, AGC On] B/W: 0.0002 lux @ [F1.5, AGC On]	H: Color: 0.002 lux @ [F1.5, AGC ON] H: B/W: 0.0002 lux @ [F1.5, AGC ON] C: Color: 0.05 lux @ [F1.8, AGC ON] C: B/W: 0.01 lux @ [F1.8, AGC ON]	H: Color: 0.002 lux @ [F1.5, AGC ON] H: B/W: 0.0002 lux @ [F1.5, AGC ON] C: Color: 0.05 lux @ [F1.8, AGC ON] C: B/W: 0.01 lux @ [F1.8, AGC ON]	H: Color: 0.002 lux @ [F1.5, AGC ON] H: B/W: 0.0002 lux @ [F1.5, AGC ON] C: Color: 0.05 lux @ [F1.8, AGC ON] C: B/W: 0.01 lux @ [F1.8, AGC ON] E: Color: 0.005 lux @ [F3.5, AGC ON] E: B/W: 0.0005 lux @ [F3.5, AGC ON]
Lens	Thermal: 15, 25 or 35 mm Optical: 5.7-205.2 mm	Thermal: 15, 25 or 35 mm Optical: 5.7-205.2 mm	Thermal: 50 or 75 mm Optical: 5.7-205.2 or 6.7-330 mm	Thermal: 50, 75 or 100 mm Optical: 5.7-205.2 or 6.7-330 mm	Thermal: 75 / 100 / 30-150 / 45-180 mm Optical: 6.7-330 / 5.7-205.2 / 12.5-775 mm
Field of View (Thermal)	15 mm: 24.55° × 18.54° 25 mm: 14.88° × 11.19° 50 mm: 10.66° × 8.002°	15 mm: 24.55° × 18.54° 25 mm: 14.88° × 11.19° 50 mm: 10.66° × 8.002°	50 mm: 7.47° × 5.61° 75 mm: 4.98° × 3.74°	50 mm: 12.42° × 9.95° 75 mm: 8.3° × 6.64° 100 mm: 6.23° × 4.98°	75 mm: 8.3° × 6.64°; 100 mm: 6.23° × 4.98° 150Zmm: 20.56° × 16.51°=415° × 3.32°; 180Zmm: 13.8° × 11°-3.46° × 2.77°
Video Compression	H.265/H.264, H.265+/H.264+ encoding with Baseline/Main/High Profile	H.265/H.264, H.265+/H.264+ encoding with Baseline/Main/High Profile	H.265/H.264, H.265+/H.264+ encoding with Baseline/Main/High Profile	H.265/H.264, H.265+/H.264+ encoding with Baseline/Main/High Profile	H.265/H.264, H.265+/H.264+ encoding with Baseline/Main/High Profile
Frame Rate	50fps	50fps	25 fps	25 fps	25 fps
Ingress Protection	IP66 Standard, TVS 6000V Lightning protection, surge protection, voltage transient protection	IP66 Standard, TVS 6000V Lightning protection, surge protection, voltage transient protection	IP66 Standard, TVS 6000V Lightning protection, surge protection, voltage transient protection	IP66 Standard, TVS 6000V Lightning protection, surge protection, voltage transient protection	IP66 Standard, TVS 6000V Lightning protection, surge protection, voltage transient protection
Pan/Tilt	Network Camera (Universal Joint Module): Pan: 90°, Tilt: -45° to 45°	Network Camera (Universal Joint Module): Pan: 90°, Tilt: -45° to 45°	Pan: 360° Continuous Rotate; Tilt: From -90° to + 40° [auto flip]	Pan: 360° Continuous Rotate; Tilt: From -90° to + 40° [auto flip]	Pan: 360° Continuous Rotate; Tilt: From -45° to + 45° [auto flip]
Audio Input	1-ch 3.5 mm Mic in/Line in interface. Line input: 2-2.4V(p-p), output impedance: 1 kΩ ± 10%	1-ch 3.5 mm Mic in/Line in interface. Line input: 2-2.4V(p-p), output impedance: 1 kΩ ± 10%	1-ch 3.5 mm Mic in/Line in interface. Line input: 2-2.4V(p-p), output impedance: 1 kΩ ± 10%	1-ch 3.5 mm Mic in/Line in interface. Line input: 2-2.4V(p-p), output impedance: 1 kΩ ± 10%	1-ch 3.5 mm Mic in/Line in interface. Line input: 2-2.4V(p-p), output impedance: 1 kΩ ± 10%
Audio Output	Linear Level; Impedance: 600 Ω	Linear Level; Impedance: 600 Ω	Linear Level; Impedance: 600 Ω	Linear Level; Impedance: 600 Ω	Linear Level; Impedance: 600 Ω
Alarm Input	Up to 7-ch inputs (0-5 VDC)	Up to 7-ch inputs (0-5 VDC)	Up to 7-ch inputs (0-5 VDC)	Up to 7-ch inputs (0-5 VDC)	Up to 7-ch inputs (0-5 VDC)
Alarm Output	2-ch relay outputs, alarm response actions configurable	2-ch relay outputs, alarm response actions configurable	2-ch relay outputs, alarm response actions configurable	2-ch relay outputs, alarm response actions configurable	2-ch relay outputs, alarm response actions configurable
Power	24 VAC ± 25%	24 VAC ± 25%	24 VAC ± 25%	24 VAC ± 25%	48 VDC, 220 W
Environmental Requirement	From -40 °C to 65 °C (-40 °F to 149 °F); Humidity: 90% or less	From -40 °C to 65 °C (-40 °F to 149 °F); Humidity: 90% or less	From -40 °C to 65 °C (-40 °F to 149 °F); Humidity: 90% or less	From -40 °C to 65 °C (-40 °F to 149 °F); Humidity: 90% or less	From -40 °C to 65 °C (-40 °F to 149 °F); Humidity: 90% or less
VCA	Line Crossing, Intrusion, Region Entrance, and Region Exiting	Line Crossing, Intrusion, Region Entrance, and Region Exiting	Line Crossing, Intrusion, Region Entrance, and Region Exiting	Line Crossing, Intrusion, Region Entrance, and Region Exiting	Line Crossing, Intrusion, Region Entrance, and Region Exiting
Fire Detection	Dynamic fire point detection, up to 10 fire points detectable.	Dynamic fire point detection, up to 10 fire points detectable.	Dynamic fire point detection, up to 10 fire points detectable.	Dynamic fire point detection, up to 10 fire points detectable.	Dynamic fire point detection, up to 10 fire points detectable.
Temperature Measuring Range	-20° C to 150° C (-4 °F to +302°F)	-20° C to 150° C (-4 °F to +302°F)	-20° C to 150° C (-4 °F to +302°F)	-20° C ~ 150° C (-4 °F to +302°F)	-20° C to 150° C (-4 °F to +302°F)
Temperature Accuracy	± 8 °C (± 14.4 °F)	± 8 °C (± 14.4 °F)	± 8 °C (± 14.4 °F)	± 8 °C (± 14.4 °F)	± 8 °C (± 14.4 °F)

# Thermography Group Products

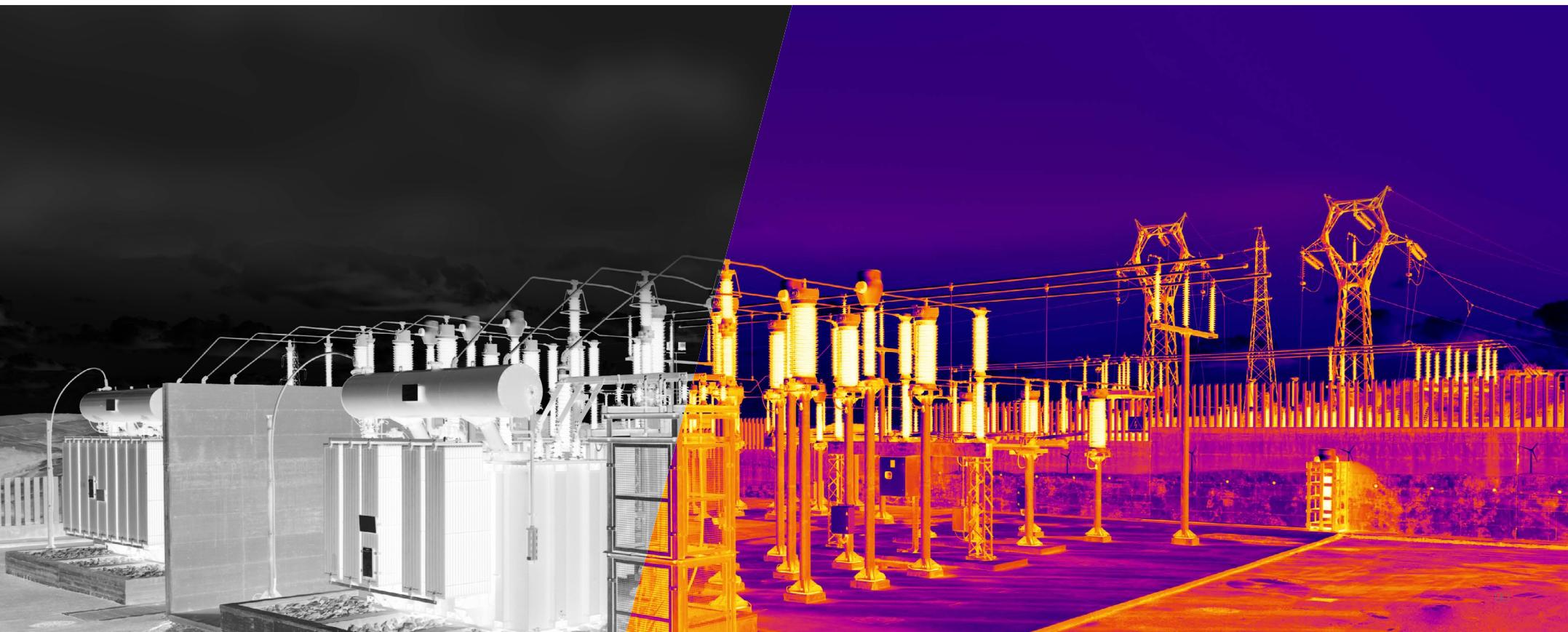
See the World in a New Way

› Accurate temperature measurement

› Easy operation

› Dynamic fire detection

› Fast alarm



## Thermography

Model	DS-2TD2136T-10/15/25	DS-2TD2166T-15/25	DS-2TD2466T-25X	DS-2TD4237T-10/V2	DS-2TD4136T-9/25
Image					
Thermal Camera Sensor	Vanadium Oxide Uncooled Focal Plane Arrays				
NETD	< 40 mk (@25°C, F# = 1.0)				
Pixel Pitch (Thermal)	17 µm				
Max. Resolution (Thermal)	384 × 288	640 × 512	640 × 512	384 × 288	384 × 288
Thermal Lens	10, 15 or 25 mm	15 or 25 mm	25 mm	Thermal: 10 mm Optical: 4.8-153 mm	Thermal: 9 or 25 mm Optical: 5.7-205.2 mm
Optical Camera Sensor	-	-	-	1/2.8" Progressive Scan CMOS	1/1.9" Progressive Scan CMOS
Max. Resolution (Optical)	-	-	-	1920 × 1080	1920 × 1080
Min. Illumination	-	-	-	Color: 0.05 lux @ [F1.2, AGC On] B/W: 0.01 lux @ [F1.2, AGC On]	Color: 0.002 lux @ [F1.5, AGC On] B/W: 0.0002 lux @ [F1.5, AGC On]
Field of View (Thermal)	10 mm: 36° × 27°; 15 mm: 24.55° × 18.54°; 25 mm: 14.88° × 11.19°;	15 mm: 39.87° × 32.36°; 25 mm: 24.55° × 19.75°;	25 mm: 24.55° × 19.75°	10 mm: 37.7° × 28.7°	9 mm: 39.87° × 30.43° 25 mm: 14.88° × 11.19°
Video Compression	H.265/H.264, H.265+/H.264+ encoding with Baseline/Main/High Profile				
Frame Rate	50 fps	50 fps	50 fps	25 fps	25 fps
Ingress Protection	IP66 Standard, TVS 6000V Lightning protection, surge protection, voltage transient protection	IP66 Standard, TVS 6000V Lightning protection, surge protection, voltage transient protection	IP68 Standard, TVS 6000V Lightning protection, surge protection, voltage transient protection	IP66 Standard TVS 6000V Lightning protection, surge protection, voltage transient protection	IP66 Standard; TVS 6000V Lightning Protection, Surge Protection and Voltage Transient Protection
Pan/Tilt	-	-	-	Pan: 360° Continuous Rotate; Tilt: From -5° to + 90° (auto flip)	Pan: 360° Continuous Rotate; Tilt: From -15° to + 90° (auto flip)
Audio Input	1-ch 3.5mm Mic in/Line in interface. Line input: 2-2.4V(p-p), output impedance: 1 kΩ ± 10%	1-ch 3.5mm Mic in/Line in interface. Line input: 2-2.4V(p-p), output impedance: 1 kΩ ± 10%	1-ch 3.5mm Mic in/Line in interface. Line input: 2-2.4V(p-p), output impedance: 1 kΩ ± 10%	1-ch 3.5mm Mic in/Line in interface. Line input: 2-2.4V(p-p), output impedance: 1 kΩ ± 10%	1-ch 3.5mm Mic in/Line in interface. Line input: 2-2.4V(p-p), output impedance: 1 kΩ ± 10%
Audio Output	Line level, impedance: 600 Ω	Line level, impedance: 600 Ω	Linear Level; Impedance: 600 Ω	Linear Level; Impedance: 600 Ω	Linear Level; Impedance: 600 Ω
Alarm Input	2-ch input [0-5 VDC]	2-ch input [0-5 VDC]	2-ch inputs [0-5 VDC]	Up to 7-ch input [0-5 VDC]	Up to 7-ch input [0-5 VDC]
Alarm Output	2-ch relay output, supports Alarm Linkage	2-ch relay output, supports Alarm Linkage	2-ch relay output, supports Alarm Linkage	2-ch relay outputs, alarm response actions configurable	2-ch relay outputs, alarm response actions configurable
Power	12 VDC ± 20% PoE (802.3af) 24 VAC ± 25%	12 VDC ± 20% PoE (802.3af) 24 VAC ± 25%	100-240 VAC, max.15 W PoE (802.3at)	24 VAC	24 VAC
Environmental Requirement	From -40 °C to 65 °C (-40 °F to 149 °F); Humidity: 90% or less	From -40 °C to 65 °C (-40 °F to 149 °F); Humidity: 90% or less	From -40 °C to 65 °C (-40 °F to 149 °F); Humidity: 90% or less	From -40 °C to 65 °C (-40 °F to 149 °F); Humidity: 90% or less	From -40 °C to 65 °C (-40 °F to 149 °F); Humidity: 90% or less
VCA	Line Crossing, Intrusion, Region Entrance, and Region Exiting	Line Crossing, Intrusion, Region Entrance, and Region Exiting	Line Crossing, Intrusion, Region Entrance, and Region Exiting	Line Crossing, Intrusion, Region Entrance, and Region Exiting	Line Crossing, Intrusion, Region Entrance, and Region Exiting
Fire Detection	Dynamic fire point detection, up to 10 fire points detectable.	Dynamic fire point detection, up to 10 fire points detectable.	Dynamic fire point detection, up to 10 fire points detectable.	Dynamic fire point detection, up to 10 fire points detectable.	Dynamic fire point detection, up to 10 fire points detectable.
Temperature Measuring Range	-20°C to 550°C (-4°F to +1022°F)	-20°C to 550°C (-4°F to 1,022°F)			
Temperature Accuracy	Max (±2°C, ±2%)				

Model	DS-2TD4166T-9/25	DS-2TD6236T-25H2L/50H2L	DS-2TD6266T-25H2L/50H2L	DS-2TD6566T-25H2LXV2/50H2LXV2	DS-2TA03-15SVI
Image					
Thermal Camera Sensor	Vanadium Oxide Uncooled Focal Plane Arrays	Uncooled Focal Plane Arrays			
NETD	< 40 mk (@25°C, F# = 1.0)	< 40 mk (@25°C, F# = 1.0)	< 40 mk (@25°C, F# = 1.0)	≤ 40 mk (@25 °C, F# = 1.0)	< 40 mk (@25°C, F# = 1.0)
Pixel Pitch (Thermal)	17 µm	17 µm	17 µm	17 µm	17 µm
Max. Resolution (Thermal)	640 × 512	384 × 288	640 × 512	640 × 512	384 × 288
Thermal Lens	Thermal: 9 or 25 mm Optical: 5.7-205.2 mm	Thermal: 25 or 50 mm Optical: 5.7-205.2 mm	Thermal: 25 or 50 mm Optical: 5.7-205.2 mm	25 mm or 50 mm	15 mm
Optical Camera Sensor	1/1.9" Progressive Scan CMOS	-			
Max. Resolution (Optical)	1920 × 1080	1920 × 1080	1920 × 1080	1920 × 1080	-
Min. Illumination	Color: 0.002 lux @ [F1.5, AGC On] B/W: 0.0002 lux @ [F1.5, AGC On]	Color: 0.002 lux @ [F1.5, AGC On] B/W: 0.0002 lux @ [F1.5, AGC On]	Color: 0.002 lux @ [F1.5, AGC On] B/W: 0.0002 lux @ [F1.5, AGC On]	Color: 0.002 lux @ [F1.5, AGC On] B/W: 0.0002 lux @ [F1.5, AGC On]	-
Field of View (Thermal)	9 mm: 72° × 56.1° 25 mm: 24.55° × 19.75°	25 mm: 14.88° × 11.19° 50 mm: 7.47° × 5.61°	25 mm: 24.55° × 19.75° 50 mm: 12.42° × 9.95°	25 mm: 24.55° × 19.75° 50 mm: 12.42° × 9.95°	39.87° × 32.36°
Video Compression	H.265/H.264, H.265+/H.264+ encoding with Baseline/Main/High Profile	H.265/H.264, H.265+/H.264+ encoding with Baseline/Main/High Profile	H.265/H.264, H.265+/H.264+ encoding with Baseline/Main/High Profile	Main stream: H.265+/H.265/H.264+/H.264 Sub-stream: H.265/H.264/MJPEG	H.265/H.264, H.265+/H.264+ encoding with Baseline/Main/High Profile
Frame Rate	25 fps	25 fps	25 fps	50fps	50 fps
Ingress Protection	IP66 Standard; TVS 6000V Lightning Protection, Surge Protection and Voltage Transient Protection	IP66 Standard; TVS 6000V Lightning Protection, Surge Protection and Voltage Transient Protection	IP66 Standard; TVS 6000V Lightning Protection, Surge Protection and Voltage Transient Protection	IP68 Standard TVS 6000V lightning protection, surge protection, voltage transient protection	IP40
Pan/Tilt	Pan: 360° Continuous Rotate; Tilt: From -15° to + 90° [auto flip]	Pan: 360° Continuous Rotate; Tilt: From -90° to + 40° [auto flip]	Pan: 360° Continuous Rotate; Tilt: From -90° to + 40° [auto flip]	Pan: 360° Continuous Rotate; Tilt: From -90° to + 90° [auto flip]	-
Audio Input	1-ch 3.5mm Mic in/Line in interface. Line input: 2-2.4V(p-p), output impedance: 1 kΩ ± 10%	1-ch 3.5mm Mic in/Line in interface. Line input: 2-2.4V(p-p), output impedance: 1 kΩ ± 10%	1-ch 3.5mm Mic in/Line in interface. Line input: 2-2.4V(p-p), output impedance: 1 kΩ ± 10%	LINE_IN Input/MIC Input; Peak: From 2 to 2.4 V(p-p); Output Impedance: 1 kΩ±10%	1-ch 3.5mm Mic in/Line in interface. Line input: 2-2.4V(p-p), output impedance: 1 kΩ ± 10%
Audio Output	Linear Level; Impedance: 600 Ω	Linear Level; Impedance: 600 Ω			
Alarm Input	Up to 7-ch input (0-5 VDC)	Up to 7-ch relay input (0-5 VDC)	Up to 7-ch relay input (0-5 VDC)	Up to 7-ch Relay Input (0-5 VDC)	1 in
Alarm Output	2-ch relay outputs, alarm response actions configurable	2-ch relay outputs, alarm response actions configurable	2-ch relay outputs, alarm response actions configurable	Up to 2-ch; Support Alarm Linkage	1 out
Power	24 VAC	24 VAC	24 VAC	100-240 VAC	12 VDC
Environmental Requirement	From -40 °C to 65 °C (-40 °F to 149 °F); Humidity: 90% or less	From -40 °C to 65 °C (-40 °F to 149 °F); Humidity: 90% or less	From -40 °C to 65 °C (-40 °F to 149 °F); Humidity: 90% or less	-40 °C to 60 °C (-40 °F to 140 °F) 95% or less	From -20°C to 50°C (-4°F to 122°F); Humidity: 90% or less
VCA	Line Crossing, Intrusion, Region Entrance, and Region Exiting	Line Crossing, Intrusion, Region Entrance, and Region Exiting	Line Crossing, Intrusion, Region Entrance, and Region Exiting	4 VCA rule types (line Crossing, intrusion, region entrance, and region exiting), 10 scenes and 8 VCA rules for each scene.	-
Fire Detection	Dynamic fire point detection, up to 10 fire points detectable.	Dynamic fire point detection, up to 10 fire points detectable.	Dynamic fire point detection, up to 10 fire points detectable.	Dynamic fire point detection, up to 10 fire points detectable.	-
Temperature Mesuring Range	-20°C to 550°C (-4°F to 1,022°F)	-20°C to 550°C (-4°F to 1,022°F)	-20 °C to 550 °C (-4 °F to 1,022 °F)	-20 °C to 150 °C (-4 °F to 302 °F), 0 °C to 550 °C (32 °F to 1022 °F)	-20°C to 550°C (-4°F to +1022°F)
Temperature Accuracy	Max (±2°C, ±2%)	Max (±2°C, ±2%)	Max (±2°C, ±2%)	Max (±2°C, ±2%)	Max (±2°C, ±2%)

Network Camera PTZ Dome Camera Panoramic Camera Camera Explosion-Proof & Anti-Corrosion Series NVR Network Storage Center Data Center Thermal Commercial Display Decoder Video Wall Controller Video Wall Software Accessories DORI Distance

Model	DS-2TA06-25SVI	DS-2TA21-2/3/AVF	Model	DS-2TP23-10VF/W	DS-2TP21-6AVF/W	DS-2TP31-3AU
Image		 Coming Soon	Image	 NEW	 NEW	 HOT
Thermal Camera Sensor	Uncooled Focal Plane Arrays	Uncooled Focal Plane Arrays	Thermal Camera Sensor	Uncooled Focal Plane Arrays	Uncooled Focal Plane Arrays	Uncooled Focal Plane Arrays
NETD	< 40 mK (@25°C, F# = 1.0)	< 40 mK (@25°C, F# = 1.0)	Pixel Pitch (Thermal)	17 μm	17 μm	17 μm
Max. Resolution (Thermal)	640 × 512	160 × 120	Sensitivity	< 40 mK (@ 25 °C, F# = 1.0)	< 40 mK (@ 25 °C, F# = 1.0)	< 40 mK (@ 25 °C, F# = 1.0)
Thermal Lens	25 mm	2 or 3 mm	IFOV	1.7 mrad	2.74 mrad	5.48 mrad
Optical Camera Sensor	-	1/2.8" Progressive Scan CMOS	Max. Resolution	Thermal: 384 × 288 Optical: 1920 × 1080	Thermal: 160 × 120 Optical: 1600 × 1200	Thermal: 160 × 120
Max. Resolution (Optical)	-	1920 × 1080	Frame rate	25 fps	25 fps	25 fps
Min. Illumination	-	Color: 0.005 lux (@ F2.4, AGC On ) B/W: 0.002 lux (@ F2.4, AGC On )	Thermal Lens	10 mm	6.2 mm	3.1 mm
Field of View (Thermal)	25° × 19°	2 mm: 90° × 66.4° 3 mm: 50° × 37.2°	Field of View (Thermal)	37.5° × 28.5°	25° × 19°	50° × 37.2°
Video Compression	H.265/H.264, H.265+/H.264+ encoding with Baseline/Main/High Profile	H.265/H.264, H.265+/H.264+ encoding with Baseline/Main/High Profile	Monitor	640 × 480 resolution 3.5" LCD touch display	320 × 240 resolution 3.5" LCD touch display	320 × 240 resolution 2.4" LCD display
Frame Rate	50 fps	25 fps	Storage	Replaceable memory card (64 G)	Replaceable memory card (64 G)	Replaceable memory card (8 G)
Ingress Protection	IP40	IP67	Wi-Fi	support	support	-
Pan/Tilt	-	-	Battery Operating Time	≤ 4h	≤ 4h	≤ 8h
Audio Input	1-ch 3.5mm Mic in/Line in interface. Line input: 2-2.4V(p-p), output impedance: 1 kΩ ± 10%	-	Ingress Protection	IP54	IP54	IP54
Audio Output	Linear Level; Impedance: 600 Ω	-	Fall Resistant Level	2 m [6.56 feet]	2 m [6.56 feet]	2 m [6.56 feet]
Alarm Input	1 in	1 in	Operating Temperature	-20 °C to 50 °C (-4 °F to 122 °F)	-10 °C to 50 °C (14 °F to 122 °F)	-10 °C to 50 °C (14 °F to 122 °F)
Alarm Output	1 out	1 out	Temperature Measuring Range	-20 °C to 550 °C (-4 °F to 1022 °F)	-20 °C to 550 °C (-4 °F to 1022 °F)	-20 °C to 550 °C (-4 °F to 1022 °F)
Power	12 VDC	12 VDC	Temperature Accuracy	Max (± 2 °C, ± 2%)	Max (± 2 °C, ± 2%)	Max (± 2 °C, ± 2%)
Environmental Requirement	From -20°C to 50°C (-4°F to 122°F); Humidity: 90% or less	-20° C to 50° C, < 90% RH	Dimension	244 × 100 × 104 mm (9.6 × 3.9 × 4.1 "")	244 × 100 × 104 mm (9.6 × 3.9 × 4.1 "")	196 × 117 × 59 mm (7.7 × 4.6 × 2.3 ")
VCA	-	-	Weight	660 g	660 g	350 g
Fire Detection	-	-				
Temperature Measuring Range	-20° C to 550° C (-4 °F to +1022°F)	-20° C to 350° C (-4 °F to +662°F)				
Temperature Accuracy	Max (±2°C, ±2%)	Max (±2°C, ±2%)				

Model	DS-2TD1217B-3PA/6PA	DS-2TD2617B-3PA/6PA
<b>Image</b>		
<b>Thermal Camera Sensor</b>	Vanadium Oxide Uncooled Focal Plane Arrays	Vanadium Oxide Uncooled Focal Plane Arrays
<b>NETD</b>	Less than 40 mK (25°C), F# = 1.1	≤ 40 mK (@25 °C,F# = 1.1)
<b>Pixel Pitch [Thermal]</b>	17 µm	17 µm
<b>Max. Resolution (Thermal)</b>	160 × 120 (the resolution of output image is 320 × 240)	160 × 120 (the resolution of output image is 320 × 240)
<b>Thermal Lens</b>	3.1 mm or 6.2 mm	3.1 mm or 6.2 mm
<b>Optical Camera Sensor</b>	1/2.7" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS
<b>Max. Resolution (Optical)</b>	2688 × 1520	2688 × 1520
<b>Min. Illumination</b>	Color: 0.0089 Lux @ [F1.6, AGC ON], B/W: 0.0018 Lux @ [F1.6, AGC ON]	Color: 0.0089 Lux @ [F1.6, AGC ON], B/W: 0.0018 Lux @ [F1.6, AGC ON]
<b>Field of View (Thermal)</b>	3mm: 84° × 44.8° 6 mm: 39.42° × 22.14°	3mm: 84° × 44.8° 6 mm: 39.42° × 22.14°
<b>Video Compression</b>	H.265/H.264/MJPEG	H.265/H.264/MJPEG
<b>Frame Rate</b>	25fps	25fps
<b>Ingress Protection</b>	IP66 Standard, TVS 6000V Lightning protection, surge protection, voltage transient protection	IP66 Standard TVS 6000V lightning protection, surge protection, voltage transient protection
<b>Pan/Tilt</b>	-	-
<b>Audio Input</b>	1, 3.5 mm Mic in/Line in interface. Line input: 2 - 2.4 V [p-p], output impedance: 1 KΩ ± 10%	1, 3.5 mm Mic in/Line in interface. Line input: 2 - 2.4 V [p-p], output impedance: 1 KΩ ± 10%
<b>Audio Output</b>	Linear level; impedance: 600 Ω	Linear level; impedance: 600 Ω
<b>Alarm Input</b>	1-ch inputs [0-5 VDC]	2-ch inputs [0-5 VDC]
<b>Alarm Output</b>	1-ch relay outputs, alarm response actions configurable	2-ch relay outputs, alarm response actions configurable
<b>Power</b>	12 VDC ± 20%, two-core terminal block PoE (802.3af, class 3)	12 VDC ± 20%, two-core terminal block PoE (802.3af, class 3)
<b>Environmental Requirement</b>	10 °C to 35 °C [Indoor and windless environment use only] 95% or less	Temperature: 10 °C to 35 °C [Indoor and windless environment use only] Humidity: 95% or less
<b>VCA</b>	-	-
<b>Fire Detection</b>	-	-
<b>Temperature Mesuring Range</b>	30 °C to +45 °C	30 °C to +45 °C
<b>Temperature Accuracy</b>	± 0.5°C	± 0.5°C

Model	DS-2TP31B-3AU	DS-2TP21B-6AVF/W
<b>Image</b>		
<b>Thermal Camera Sensor</b>	Uncooled Focal Plane Arrays	Uncooled Focal Plane Arrays
<b>Pixel Pitch[Thermal]</b>	17 µm	17 µm
<b>Sensitivity</b>	< 40 mK (@ 25 °C,F#=1.0)	< 40 mK (@ 25 °C,F#=1.0)
<b>IFOV</b>	5.48 mrad	2.74 mrad
<b>Max. Resolution</b>	Thermal: 160 × 120	160 × 120
<b>Frame rate</b>	25 fps	25 fps
<b>Thermal Lens</b>	3.1 mm	6.2 mm [Manual focus]
<b>Field of View (Thermal)</b>	37.2° × 50 °	25° × 18.7°
<b>Monitor</b>	320 × 240 resolution 2.4" LCD display	640 × 480 resolution 3.5" LCD touch display
<b>Storage</b>	Replaceable memory card (default 8G, support up to 128G storage)	Built-in memory module (16 G)
<b>Wi-Fi</b>	-	support
<b>Battery Operating Time</b>	8 hours continuous running	5 hours in normal temperature, with Wi-Fi, Bluetooth, and supplement light off. 4 hours in normal temperature, with Wi-Fi, Bluetooth, and supplement light on.
<b>Ingress Protection</b>	IP54	IP54
<b>Fall Resistant Level</b>	2 m [6.56 feet]	2 m [6.56 feet]
<b>Operating Temperature</b>	-10 °C to 50 °C [14 °F to 122 °F]	15°C to 35 °C
<b>Temperature Measuring Range</b>	30°C to 45 °C	30°C to 45 °C
<b>Temperature Accuracy</b>	±0.5 °C	±0.5 °C
<b>Dimension</b>	196 mm × 117 mm × 59 mm [7.7 " × 4.6 " × 2.3 "]	244 mm × 100 mm × 104 mm [9.6 " × 3.9 " × 4.1 "]
<b>Weight</b>	Approx. less than 350 g [0.77 lb]	With Battery: 653 g [1.44 lb] Without Battery: 511 g [1.13 lb]

# Commercial Vision Products

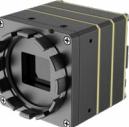
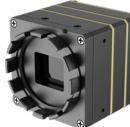
See the World in a New Way

- High quality
- Target tracking
- Distance measurement
- Great user experience



Model	DS-2TS01-06XF/W	DS-2TS03-15 XF/W	DS-2TS06-35 XF/W	DS-2TS16-35/50VI/W	DS-2TR03-35/50UF/W
Image	 NEW	 Coming Soon	 Coming Soon		
Thermal Camera Sensor	Vanadium Oxide Uncooled Focal Plane Arrays	Vanadium Oxide Uncooled Focal Plane Arrays	Vanadium Oxide Uncooled Focal Plane Arrays	Vanadium Oxide Uncooled Focal Plane Arrays	Vanadium Oxide Uncooled Focal Plane Arrays
Pixel Pitch (Thermal)	17 µm	17 µm	17 µm	17 µm	17 µm
Max. Resolution	Thermal: 160 × 120	Thermal: 384 × 288	Thermal: 640 × 512	Thermal: 640 × 512 Optical: 1280 × 960	Thermal: 384 × 288
Frame Rate	25 fps	50 fps	50 fps	25 fps	50 fps
Lens	6.2 mm	15 mm	35 mm	Thermal: 35 or 50 mm Optical: 12 mm	35 or 50 mm
Field of View (Thermal)	24.7° × 18.7°	24°×19°	35 mm: 14.88°×11.19° 50 mm: 12.42°×9.95°	35 mm: 14.88°×11.19° 50 mm: 12.42°×9.95°	35 mm: 10°×7.5° 50 mm: 7.47°×5.61°
Monitor	0.2 inch, LCOS, 720 × 540	0.39-inch, LCOS, 720×540	0.39-inch, OLED, 1024 × 768	0.39-inch, OLED, 1024 × 768	0.39-inch, OLED, 1024 × 768
Storage	Built-in memory module (8 GB)	Built-in memory module (16 GB)	Built-in memory module (16 GB)	Built-in memory module (16 GB)	Built-in memory module (16 GB)
Wi-Fi	Support	Support	Support	Support	Support
Battery Operating Time	≤ 10h	≤ 5h	≤ 5h	≤ 7h	≤ 8h
Ingress Protection	IP67	IP67	IP67	IP67	IP67
Fall Resistant Level	1.5 m (4.92 feet)	1.5 m (4.92 feet)	2 m (6.56 feet)	-	-
Operating Temperature	-20 °C to 55 °C (-4 °F to 131 °F)	-30 °C to 55 °C (-22 °F to 140 °F)	-30 °C to 55 °C (-22 °F to 140 °F)	-30 °C to 55 °C (-22 °F to 131 °F)	-30 °C to 55 °C (-22 °F to 131 °F)
Dimension	158.3 mm × 61 mm × 57 mm (6.23" × 2.40" × 2.24")	58 × 61 × 161 mm	202 × 74 × 66 mm	35 mm: 164 × 182.3 × 73.3 mm 50 mm: 164 × 182.3 × 73.3 mm	35 mm: 225 × 65 × 95 mm 50 mm: 244 × 65 × 95 mm
Weight	250 g (0.55 lb)	270 g	500 g	1.0 kg	800 g

Network Camera PTZ Dome Camera Panoramic Camera Explosion-Proof & Anti-Corrosion Series NVR Network Storage Center Data Center Thermal Commercial Display Decoder Video Wall Controller Software Accessories DORI Distance

Model	DS-2TS36-50/75/100VI/WL	Model	DS-2TM03/06-LF/A	DS-2TM03/06-LF/AN	DS-2TM13/16-LF
Image	 <span style="color:red">NEW</span>	Image	 <span style="color:red">NEW</span>	 <span style="color:red">NEW</span>	 <span style="color:red">NEW</span>
Thermal Camera Sensor	Vanadium Oxide Uncooled Focal Plane Arrays	Thermal Camera Sensor	Vanadium Oxide Uncooled Focal Plane Arrays	Vanadium Oxide Uncooled Focal Plane Arrays	Vanadium Oxide Uncooled Focal Plane Arrays
Pixel Pitch (Thermal)	17 µm	Pixel Pitch (Thermal)	17 µm	17 µm	17 µm
Max. Resolution	Thermal: 640 x 512 Optical: 1280 x 960	Max. Resolution	384 x 288 / 640 x 512	384 x 288 / 640 x 512	384 x 288 / 640 x 512
Frame Rate	25 fps	Frame Rate	25 fps	25 fps	25 fps
Lens	Thermal: 50, 75 or 100 mm Optical: 22 mm	Lens	BT656, 14BIT RAW+YUV, CVBS	CVBS, RS485	RS232, BT.656, CVBS
Field of View (Thermal)	50 mm: 12.42° x 9.95° 75 mm: 8.3° x 6.64° 100 mm: 6.23° x 4.98°	Field of View (Thermal)	< 35mk	< 35mk	≤ 35 mk
Monitor	0.39-inch, OLED, 1024 x 768	Monitor	TM03: 1.3 W TM06: 1.8 W	TM03≤1.6 W TM06≤2.2 W	TM13: 1 W TM16: 1.3 W
Storage	Built-in memory module (32 GB)	Storage	40×41×49 mm	40×41×65 mm	28 x 28 x 34.6 mm
Wi-Fi	Support	Wi-Fi	< 82g	< 111g	40 g
Battery Operating Time	≤ 7h	Battery Operating Time	-40°C~70°C, < 90% RH	-40°C~70°C, < 90% RH	-40 to 65°C
Ingress Protection	IP67	Ingress Protection	-45°C~85°C, < 90% RH	-45°C~85°C, < 90% RH	-45 to 70°C
Fall Resistant Level	-	Fall Resistant Level	-	-	-
Operating Temperature	-30 °C to 55 °C (-22 °F to 131 °F)	Operating Temperature	-	-	-
Dimension	50 mm: 187.8 x 219.8 x 87.4 mm 75 mm: 188 x 242.9 x 87.4 mm 100 mm: 188 x 276.9 x 87.4 mm	Dimension	-	-	-
Weight	1.5 kg	Weight	-	-	-

# Commercial Display

099 LCD Video Wall

103 LED Display

107 Interactive Display

108 Digital Signage



# LCD Video Wall

See It Better

- LED direct backlighting
- Industrial grade panel and industrial structure design
- Ultra-narrow bezel widths: 0.88, 1.7, 1.8, 3.5 mm
- HDMI/VGA/DVI interfaces
- Anti-static/Radiation protection
- 24-Hour operation



LCD Video Wall					
Model	DS-D2046NL-C/Y	DS-D2046NL-C	DS-D2046NH-C	DS-D2046NL-E	DS-D2046NH-E
Image	 <span style="color:red;">NEW</span>	 <span style="color:orange;">HOT</span>		 <span style="color:red;">NEW</span>	
Display	Diagonal Size (inch)	46"	46"	46"	46"
	Backlight	LED Backlight (Direct type)	LED Backlight (Direct type)	LED Backlight (Direct type)	LED Backlight (Direct type)
	Panel	IPS	S-PVA	S-PVA	IPS
	Resolution	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080
	Color	16.7M	16.7M	16.7M	16.7M
	Visual Angle	Horizontal: 178°, Vertical: 178°	Horizontal: 178°, Vertical: 178°	Horizontal: 178°, Vertical: 178°	Horizontal: 178°, Vertical: 178°
	Response Time	8 ms (G to G)	8 ms (G to G)	8 ms (G to G)	8 ms (G to G)
	Contrast	1200:1	3500:1	3500:1	4000:1
	Brightness	500 cd/m²	500 cd/m²	700 cd/m²	500 cd/m²
	Dot Pitch (H×V)	0.53 mm × 0.53 mm (0.021" × 0.021")	0.53025 mm × 0.53025 mm (0.021" × 0.021")	0.53025 mm × 0.53025 mm (0.021" × 0.021")	0.53 mm × 0.53 mm (0.021" × 0.021")
Side Frame Size	Color Saturation	72%	72%	72%	72%
	Screen Moving Area (H×V)	1018.08 mm × 572.67 mm (40.08" × 22.54")	1018.08 mm × 572.67 mm (40.08" × 22.55")	1018.08 mm × 572.67 mm (40.08" × 22.55")	1018.08 mm × 572.67 mm (40.08" × 22.55")
	Physical Seam	3.5 mm [0.14"]	3.5 mm [0.14"]	3.5 mm [0.14"]	1.7 mm [0.068"]
Interface	Input Interface	HDMI × 1, DVI × 1, VGA × 1, CVBS × 1, USB × 1	VGA×1, DVI×1, CVBS×1, HDMI×1,USB×1	VGA×1, DVI×1, CVBS×1, HDMI×1,USB×1	HDMI × 1, DVI × 1, VGA × 1, CVBS × 1, USB × 1
	Output Interface	-	VGA×1, DVI×1, CVBS×1	VGA×1, DVI×1, CVBS×1	DVI × 1, VGA × 1, CVBS × 1
	Control Interface	RS232 IN × 1, RS232 OUT × 1	In: RS-232, Out: RS-232×2	In:RS-232,Out:RS-232×2[Loop]	RS232 IN × 1, RS232 OUT × 1
Power	Power Consumption	111 W	111 W	139 W	111 W
	Power Requirement	100 to 240 VAC, 50 or 60 Hz	100 to 264 VAC, 50 or 60 Hz	90 to 264 VAC, 50 or 60 Hz	100 to 240 VAC, 50 or 60 Hz
	Operating Temperature	0 °C to 40 °C (32 °F to 104 °F)	0 °C to 40 °C (32 °F to 104 °F)	0 °C to 40 °C (32 °F to 104 °F)	0 °C to 40 °C (32 °F to 104 °F)
Working Environment	Operating Humidity	10% to 80% (No Condensation)	20% to 90% (No Condensation)	20% to 90% (No Condensation)	20% to 90% (No Condensation)
	Working Life	≥ 60,000 Hours	≥ 60,000 Hours	≥ 60,000 Hours	≥ 60,000 Hours
	Dimension (W×H×D)	1021.98 mm × 576.57 mm × 72.25 mm (40.24" × 22.7" × 2.84")	1021.98 mm × 576.57 mm × 72.2 mm (40.24" × 22.7" × 2.84")	1021.98 mm × 576.57 mm × 72.2 mm (40.24" × 22.7" × 2.84")	1020.02 mm × 574.61 mm × 71 mm (40.17" × 22.72" × 2.8")
Physical Features	Frame Width	2.3 mm (top/left), 1.2 mm (bottom/right)	2.3 mm (top/left), 1.2 mm (bottom/right)	2.3 mm (top/left), 1.2 mm (bottom/right)	1.1 mm (top/left), 0.6 mm (bottom/right)
	Bracket	-	-	-	1.1 mm (Left/Upper), 0.6 mm (Right/Lower)

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Model	DS-D2049NL-B/Y	DS-D2055NL-B/Y	DS-D2055NH-B/Y	DS-D2055NL-B	DS-D2055NH-B
Image	 <span style="color:red; font-size: small;">NEW</span>	 <span style="color:red; font-size: small;">NEW</span>	 <span style="color:red; font-size: small;">NEW</span>		
Display	<b>Diagonal Size (inch)</b>	49"	55"	55"	55"
	<b>Backlight</b>	LED Backlight (Direct type)	LED Backlight (Direct type)	LED Backlight (Direct type)	LED Backlight (Direct type)
	<b>Panel</b>	IPS	IPS	S-PVA	S-PVA
	<b>Resolution</b>	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080
	<b>Color</b>	16.7M	16.7M	16.7M	16.7M
	<b>Visual Angle</b>	Horizontal: 178°, Vertical: 178°	Horizontal: 178°, Vertical: 178°	Horizontal: 178°, Vertical: 178°	Horizontal: 178°, Vertical: 178°
	<b>Response Time</b>	8 ms (G to G)	8 ms (G to G)	8 ms (G to G)	8 ms (G to G)
	<b>Contrast</b>	1200:1	1200:1	4000:1	4000:1
	<b>Brightness</b>	500 cd/m²	500 cd/m²	700 cd/m²	700 cd/m²
	<b>Dot Pitch (H×V)</b>	0.56 mm × 0.56 mm (0.022" × 0.022")	0.63 mm × 0.63 mm (0.025" × 0.025")	0.63 mm × 0.63 mm (0.025" × 0.025")	0.63 mm × 0.63 mm (0.025" × 0.025")
Side Frame Size	<b>Color Saturation</b>	72%	72%	72%	72%
	<b>Screen Moving Area (H×V)</b>	1074.24 mm × 604.26 mm (42.29" × 23.78")	1209.6 mm × 680.4 mm (47.62" × 26.79")	1209.6 mm × 680.4 mm (47.62" × 26.79")	1209.6 mm × 680.4 mm (47.62" × 26.79")
	<b>Physical Seam</b>	3.5 mm (0.14")	3.5 mm (0.14")	3.5 mm (0.14")	3.5 mm (0.14")
Interface	<b>Input Interface</b>	HDMI × 1, DVI × 1, VGA × 1, CVBS × 1, USB × 1	HDMI × 1, DVI × 1, VGA × 1, CVBS × 1, USB × 1	HDMI × 1, DVI × 1, VGA × 1, CVBS × 1, USB × 1	VGA×1, DVI×1, CVBS×1, HDMI×1,USB×1
	<b>Output Interface</b>	-	DVI × 1, VGA × 1, CVBS × 1	DVI × 1, VGA × 1, CVBS × 1	VGA×1, DVI×1, CVBS×1
	<b>Control Interface</b>	RS232 IN × 1, RS232 OUT × 1	RS232 IN × 1, RS232 OUT × 1	RS232 IN × 1, RS232 OUT × 1	In: RS-232×1, Out: RS-232×2
Power	<b>Power Consumption</b>	134 W	192 W	230 W	230 W
	<b>Power Requirement</b>	100 to 240 VAC, 50 or 60 Hz	100 to 240 VAC, 50 or 60 Hz	100 to 240 VAC, 50 or 60 Hz	100 to 240 VAC, 50 or 60 Hz
Working Environment	<b>Operating Temperature</b>	0 °C to 40 °C (32 °F to 104 °F)	0 °C to 40 °C (32 °F to 104 °F)	0 °C to 40 °C (32 °F to 104 °F)	0 °C to 40 °C (32 °F to 104 °F)
	<b>Operating Humidity</b>	10% to 80% (No Condensation)	10% to 80% (No Condensation)	10% to 80% (No Condensation)	20% to 90% (No Condensation)
	<b>Working Life</b>	≥ 60,000 Hours	≥ 60,000 Hours	≥ 60,000 Hours	≥ 60,000 Hours
Physical Features	<b>Dimension (W×H×D)</b>	1078.34 mm × 608.36 mm × 71.92 mm (42.45" × 23.95" × 2.83")	1213.5 mm × 684.3 mm × 71.74 mm (47.78" × 26.94" × 2.82")	1213.5 mm × 684.3 mm × 71.74 mm (47.78" × 26.94" × 2.82")	1231.5 mm × 684.3 mm × 70.1 mm (47.78" × 26.94" × 2.76")
	<b>Frame Width</b>	2.3 mm (top/left), 1.2 mm (bottom/right)	2.3 mm (top/left), 1.2 mm (bottom/right)	2.3 mm (top/left), 1.2 mm (bottom/right)	2.3 mm (top/left), 1.2 mm (bottom/right)
	<b>Bracket</b>	-	-	-	-

Model	DS-D2055NL-E	DS-D2055NH-E	DS-D2055NL-F/G	DS-D2055NH-F/G
Image	 <span style="color:red">NEW</span>	 <span style="color:red">NEW</span>	 <span style="color:red">NEW</span>	 <span style="color:red">NEW</span>
Display	<p><b>Diagonal Size (inch)</b> 55"</p> <p><b>Backlight</b> LED Backlight (Direct type)</p> <p><b>Panel</b> IPS</p> <p><b>Resolution</b> 1920 x 1080</p> <p><b>Color</b> 16.7M</p> <p><b>Visual Angle</b> Horizontal: 178°, Vertical: 178°</p> <p><b>Response Time</b> 8 ms (G to G)</p> <p><b>Contrast</b> 4000:1</p> <p><b>Brightness</b> 500 cd/m²</p> <p><b>Dot Pitch (H×V)</b> 0.63 mm × 0.63 mm (0.025" × 0.025")</p> <p><b>Color Saturation</b> 72%</p> <p><b>Screen Moving Area (H×V)</b> 1209.6 mm × 680.4 mm (47.62" × 26.79")</p>	<p>55"</p> <p>LED Backlight (Direct type)</p> <p>IPS</p> <p>1920 x 1080</p> <p>16.7M</p> <p>Horizontal: 178°, Vertical: 178°</p> <p>8 ms (G to G)</p> <p>4000:1</p> <p>700 cd/m²</p> <p>0.63 mm × 0.63 mm (0.025" × 0.025")</p> <p>72%</p> <p>1209.6 mm × 680.4 mm (47.62" × 26.79")</p>	<p>55"</p> <p>LED Backlight (Direct type)</p> <p>S-PVA</p> <p>1920 x 1080</p> <p>1.06 Billion</p> <p>Horizontal: 178°, Vertical: 178°</p> <p>8 ms (G to G)</p> <p>1200:1</p> <p>500 cd/m²</p> <p>0.63 mm × 0.63 mm (0.025" × 0.025")</p> <p>72%</p> <p>1209.63 mm × 680.34 mm (47.62" × 26.78")</p>	<p>55"</p> <p>LED Backlight (Direct type)</p> <p>S-PVA</p> <p>1920 x 1080</p> <p>1.06 Billion</p> <p>Horizontal: 178°, Vertical: 178°</p> <p>8 ms (G to G)</p> <p>1100:1</p> <p>700 cd/m²</p> <p>0.63 mm × 0.63 mm (0.025" × 0.025")</p> <p>72%</p> <p>1209.63 mm × 680.34 mm (47.62" × 26.78")</p>
Side Frame Size	<b>Physical Seam</b> 1.7 mm [0.068"]	<b>Input Interface</b> HDMI × 1, DVI × 1, VGA × 1, CVBS × 1, USB × 1	<b>Output Interface</b> DVI × 1, VGA × 1, CVBS × 1	<b>Control Interface</b> RS232 IN × 1, RS232 OUT × 1
Interface	<b>Power Consumption</b> 192 W	<b>Power Requirement</b> 100 to 240 VAC, 50 or 60 Hz	<b>Operating Temperature</b> 0 °C to 40 °C (32 °F to 104 °F)	<b>Working Humidity</b> 10% to 90% (No Condensation)
Power	<b>Operating Humidity</b> 10% to 90% (No Condensation)	<b>Working Life</b> ≥ 60,000 Hours	<b>Dimension (W×H×D)</b> 1211.54 mm × 682.34 mm × 69.5 mm (47.7" × 26.86" × 2.74")	<b>Frame Width</b> 1.1 mm (top/left), 0.6 mm (bottom/right)
Working Environment	<b>Working Life</b> ≥ 60,000 Hours	<b>Dimension (W×H×D)</b> 1211.54 mm × 682.34 mm × 69.5 mm (47.7" × 26.86" × 2.74")	<b>Frame Width</b> 1.1 mm (top/left), 0.6 mm (bottom/right)	<b>Bracket</b> -
Physical Features	<b>Frame Width</b> 1.1 mm (top/left), 0.6 mm (bottom/right)	<b>Bracket</b> -	<b>Frame Width</b> 2.3 mm (top/left), 1.2 mm (bottom/right)	<b>Bracket</b> -

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# LED Display

## New Vision

- Easy system adjustments with intuitive, remote controls
- Extended lifespan with automatic dehumidification
- Effective eye protection with over 90% of blue light converted to low-energy light
- Simplified maintenance with front service access to modules



### Indoor LED Display

Model	DS-D4212FI-GWF	DS-D4214FI-GWF	DS-D4225FI-CWF	DS-D4418FI-CAF	DS-D4420FI-CAF	DS-D4425FI-CAF
Image	 NEW	 NEW	 NEW	 NEW	 NEW	 NEW
Module Composition	<b>Pixel structure</b> Surface mounted trinity LED	Surface mounted trinity LED	Surface mounted trinity LED	1R1G1B	1R1G1B	1R1G1B
Unit Composition	<b>Pixel pitch (mm)</b> 1.25 mm	1.44 mm	2.50 mm	1.875 mm	2.1 mm	2.5 mm
Optical Parameters	<b>Module Resolution (W × H)</b> 240 × 270	208 × 234	120 × 136	128 × 144	112 × 128	96 × 108
Electrical parameters	<b>Module Dimension (W × H)</b> 600mm×337.5mm×61mm	600mm×337.5mm×61mm	600mm×337.5mm×61mm	240mm×270mm	240mm×270mm	240mm×270mm
Processing Performance	<b>Unit module composition (W × H)</b> 1 × 2	1 × 2	1 × 2	2 × 2	2 × 2	2 × 2
General	<b>Unit Resolution (W × H)</b> 480 × 270	416 × 234	240 × 136	256 × 288	224 × 256	192 × 216
	<b>Unit area</b> 0.2025 m <sup>2</sup>	0.2025 m <sup>2</sup>	0.2025 m <sup>2</sup>	0.2592 m <sup>2</sup>	0.2592 m <sup>2</sup>	0.2592 m <sup>2</sup>
	<b>Weight</b> 8.3 kg (18.3 lb)	8.3 kg (18.3 lb)	8.3 kg (18.3 lb)	≤7kg (15.4lb)	≤7kg (15.4lb)	≤7kg (15.4lb)
	<b>Pixel density</b> 640000 dots/m <sup>2</sup>	480711 dots/m <sup>2</sup>	162590 dots/m <sup>2</sup>	284,444 dots/m <sup>2</sup>	221,234 dots/m <sup>2</sup>	160,000 dots/m <sup>2</sup>
	<b>Unit Ratio</b> 16:9	16:9	16:9	16:9	16:9	16:9
	<b>Brightness(nits)</b> 600	600	600	600	600	600
	<b>Color Temperature</b> 3000 to 10000 adjustable	3000 to 10000 adjustable	3000 to 10000 adjustable	2000 to 10000 adjustable	2000 to 10000 adjustable	2000 to 10000 adjustable
	<b>Viewing Angle</b> Horizontal 160°, vertical 160°	Horizontal 160°, vertical 160°	Horizontal 160°, vertical 160°	Horizontal 160°, vertical 160°	Horizontal 160°, vertical 160°	Horizontal 160°, vertical 160°
	<b>Luminous point center distance deviation</b> < 3%	< 3%	< 3%	≤ 3%	≤ 3%	≤ 3%
	<b>Brightness uniformity</b> ≥ 97%	≥ 97%	≥ 97%	≥ 97%	≥ 97%	≥ 97%
	<b>Color uniformity</b> ≤ ± 0.003Cx, Cy	≤ ± 0.003Cx, Cy	≤ ± 0.003Cx, Cy	≤ ± 0.003 Cx, Cy	≤ ± 0.003 Cx, Cy	≤ ± 0.003 Cx, Cy
	<b>Max. Contrast</b> ≥ 3000:1	≥ 3000:1	≥ 3000:1	≥ 5000 : 1	≥ 5000 : 1	≥ 5000 : 1
	<b>Peak Consumption</b> 750	750	700	700	700	700
	<b>Average Consumption</b> 280	280	202	202	202	202
	<b>Power Supply</b> 100 to 240 VAC ± 15%	100 to 240 VAC ± 15%	100 to 240 VAC ± 15%	100 to 240 VAC ± 15%	100 to 240 VAC ± 15%	100 to 240 VAC ± 15%
	<b>Drive Mode</b> Constant current driving	Constant current driving	Constant current driving	Constant current driving	Constant current driving	Constant current driving
	<b>Frame Rate</b> 60 Hz	60 Hz	60 Hz	60 Hz	60 Hz	60 Hz
	<b>Refresh Rate</b> Up to 3840 Hz	Up to 3840 Hz	Up to 3840 Hz	1,920 Hz	1,920 Hz	1,920 Hz
	<b>Service life(H)</b> ≥ 100,000 h	≥ 100,000 h	≥ 100,000 h	≥ 100,000 h	≥ 100,000 h	≥ 100,000 h
	<b>Temperature(°C )</b> -10°C to 40°C	-10°C to 40°C	-10°C to 40°C	-10°C to 40°C	-10°C to 40°C	-10°C to 40°C
	<b>Humidity(RH)</b> 10% to 80% RH (non-condensing)	10% to 80% RH (non-condensing)	10% to 80% RH (non-condensing)	10 to 95 % (non-condensing)	10 to 95 % (non-condensing)	10 to 95 % (non-condensing)

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Outdoor LED Display

Model	DS-D4430FI-CAF	DS-D4437FI-CAF
Image		
Module Composition	<b>Pixel structure</b> 1R1G1B  <b>Pixel pitch (mm)</b> 3.0 mm  <b>Module Resolution (W × H)</b> 80 × 90  <b>Module Dimension (W × H)</b> 240mm×270mm  <b>Unit module composition (W × H)</b> 2 × 2  <b>Unit Resolution (W × H)</b> 160 × 180  <b>Unit area</b> 0.2592 m <sup>2</sup>  <b>Weight</b> ≤7kg [15.4lb]  <b>Pixel density</b> 111,111 dots/m <sup>2</sup>  <b>Unit Ratio</b> 16:9  <b>Brightness(nits)</b> 600  <b>Color Temperature</b> 2000 to 10000 adjustable  <b>Viewing Angle</b> Horizontal 160°, vertical 160°  <b>Luminous point center distance deviation</b> ≤ 3%  <b>Brightness uniformity</b> ≥ 97%  <b>Color uniformity</b> ≤ ± 0.003 Cx, Cy  <b>Max. Contrast</b> ≥5000 : 1	<b>Pixel structure</b> 1R1G1B  <b>Pixel pitch (mm)</b> 3.75 mm  <b>Module Resolution (W × H)</b> 64 × 72  <b>Module Dimension (W × H)</b> 240mm×270mm  <b>Unit module composition (W × H)</b> 2 × 2  <b>Unit Resolution (W × H)</b> 128 × 144  <b>Unit area</b> 0.2592 m <sup>2</sup>  <b>Weight</b> ≤7kg [15.4lb]  <b>Pixel density</b> 71,111 dots/m <sup>2</sup>  <b>Unit Ratio</b> 16:9  <b>Brightness(nits)</b> 600  <b>Color Temperature</b> 2000 to 10000 adjustable  <b>Viewing Angle</b> Horizontal 160°, vertical 160°  <b>Luminous point center distance deviation</b> ≤ 3%  <b>Brightness uniformity</b> ≥ 97%  <b>Color uniformity</b> ≤ ± 0.003 Cx, Cy  <b>Max. Contrast</b> ≥5000 : 1
Electrical parameters	<b>Peak Consumption</b> 700  <b>Average Consumption</b> 202  <b>Power Supply</b> 100 to 240 VAC ± 15%	<b>Peak Consumption</b> 700  <b>Average Consumption</b> 202  <b>Power Supply</b> 100 to 240 VAC ± 15%
Processing Performance	<b>Drive Mode</b> Constant current driving  <b>Frame Rate</b> 60 Hz  <b>Refresh Rate</b> 1,920 Hz  <b>Service life(H)</b> ≥ 100,000 h	<b>Drive Mode</b> Constant current driving  <b>Frame Rate</b> 60 Hz  <b>Refresh Rate</b> 1,920 Hz  <b>Service life(H)</b> ≥ 100,000 h
General	<b>Temperature(°C )</b> -10°C to 40°C  <b>Humidity(RH)</b> 10 to 95 % (non-condensing)	<b>Temperature(°C )</b> -10°C to 40°C  <b>Humidity(RH)</b> 10 to 95 % (non-condensing)

Model	DS-D4440FO	DS-D4450FO	DS-D4460FO
Image			
Module Composition	<b>Pixel structure</b> 1R1G1B  <b>Pixel pitch (mm)</b> 4.0(mm)  <b>Module Resolution (W × H)</b> 80(W)×40(H)  <b>Module Dimension (W × H)</b> 320mm(W) x 160mm(H)  <b>Unit module composition (W × H)</b> 3(W)×6(H)  <b>Unit Resolution (W × H)</b> 240(W) x 240(H)  <b>Unit area</b> 0.9216m <sup>2</sup>  <b>Weight</b> 52kg/m <sup>2</sup>  <b>Pixel density</b> 62500 dots/m <sup>2</sup>  <b>Unit Ratio</b> 1:1	<b>Pixel structure</b> 1R1G1B  <b>Pixel pitch (mm)</b> 5.0(mm)  <b>Module Resolution (W × H)</b> 64(W)×32(H)  <b>Module Dimension (W × H)</b> 320mm(W) x 160mm(H)  <b>Unit module composition (W × H)</b> 3(W)×5(H)  <b>Unit Resolution (W × H)</b> 192(W) x 192(H)  <b>Unit area</b> 0.9216m <sup>2</sup>  <b>Weight</b> 52kg/m <sup>2</sup>  <b>Pixel density</b> 40000 dots/m <sup>2</sup>  <b>Unit Ratio</b> 1:1	<b>Pixel structure</b> 1R1G1B  <b>Pixel pitch (mm)</b> 6.67(mm)  <b>Module Resolution (W × H)</b> 32(W)×32(H)  <b>Module Dimension (W × H)</b> 192mm(W) x 192mm(H)  <b>Unit module composition (W × H)</b> 5(W)×5(H)  <b>Unit Resolution (W × H)</b> 144(W) x 144(H)  <b>Unit area</b> 0.9216m <sup>2</sup>  <b>Weight</b> 52kg/m <sup>2</sup>  <b>Pixel density</b> 27777 dots/m <sup>2</sup>  <b>Unit Ratio</b> 1:1
Unit Composition	<b>Brightness(nits)</b> ≥5500(cd/m <sup>2</sup> )  <b>Color Temperature</b> 2000-9500K adjustable  <b>Viewing Angle</b> 120 ( Horizontal), 120 ( Vertical)  <b>Luminous point center distance deviation</b> <3%  <b>Brightness uniformity</b> ≥95%	<b>Brightness(nits)</b> ≥5500(cd/m <sup>2</sup> )  <b>Color Temperature</b> 2000-9500K adjustable  <b>Viewing Angle</b> 120 ( Horizontal), 120 ( Vertical)  <b>Luminous point center distance deviation</b> <3%  <b>Brightness uniformity</b> ≥97%	<b>Brightness(nits)</b> ≥5500(cd/m <sup>2</sup> )  <b>Color Temperature</b> 2000-9500K adjustable  <b>Viewing Angle</b> 120 ( Horizontal), 120 ( Vertical)  <b>Luminous point center distance deviation</b> <3%  <b>Brightness uniformity</b> ≥97%
Optical Parameters	<b>Color uniformity</b> ≤ ± 0.003 Cx, Cy  <b>Peak Consumption</b> 900 W/m <sup>2</sup>  <b>Average Consumption</b> 300 W/m <sup>2</sup>	<b>Color uniformity</b> ≤ ± 0.003 Cx, Cy  <b>Peak Consumption</b> 950 W/m <sup>2</sup>  <b>Average Consumption</b> 315 W/m <sup>2</sup>	<b>Color uniformity</b> ≤ ± 0.003 Cx, Cy  <b>Peak Consumption</b> 900 W/m <sup>2</sup>  <b>Average Consumption</b> 300 W/m <sup>2</sup>
Electrical parameters	<b>Power Supply</b> 100 to 240 VAC ± 15%	<b>Power Supply</b> 100 to 240 VAC ± 15%	<b>Power Supply</b> 100 to 240 VAC ± 15%
Processing Performance	<b>Drive Mode</b> Constant Current Driving  <b>Frame Rate</b> 60 Hz  <b>Refresh Rate</b> ≥1920Hz	<b>Drive Mode</b> Constant Current Driving  <b>Frame Rate</b> 60 Hz  <b>Refresh Rate</b> ≥1920Hz	<b>Drive Mode</b> Constant Current Driving  <b>Frame Rate</b> 60 Hz  <b>Refresh Rate</b> ≥1920Hz
General	<b>Service life(H)</b> >100,000 h  <b>Temperature(°C )</b> -20 to 50 ° C [-4 to 122 ° F]	<b>Service life(H)</b> >100,000 h  <b>Temperature(°C )</b> -20 to 50 ° C [-4 to 122 ° F]	<b>Service life(H)</b> >100,000 h  <b>Temperature(°C )</b> -20 to 50 ° C [-4 to 122 ° F]

### Transparent LED Display

Model	DS-D4480FO	DS-D44A0FO	DS-D44A6FO
Image			
Module Composition	<b>Pixel structure</b> 1R1G1B <b>Pixel pitch (mm)</b> 8.0(mm) <b>Module Resolution (W × H)</b> 40(W)x20(H) <b>Module Dimension (W × H)</b> 320mm(W) x 160mm(H) <b>Unit module composition (W × H)</b> 3(W)x6(H) <b>Unit Resolution (W × H)</b> 120(W)x120(H) <b>Unit area</b> 0.9216m <sup>2</sup> <b>Weight</b> 52kg/m <sup>2</sup> <b>Pixel density</b> 15625 dots/m <sup>2</sup> <b>Unit Ratio</b> 1:1	<b>Pixel structure</b> SMD3535 <b>Pixel pitch (mm)</b> 10mm <b>Module Resolution (W × H)</b> 32(W)x16(H) <b>Module Dimension (W × H)</b> 320mm(W) x 160mm(H) <b>Unit module composition (W × H)</b> 3(W)x6(H) <b>Unit Resolution (W × H)</b> 96(W)x96(H) <b>Unit area</b> 0.9216m <sup>2</sup> <b>Weight</b> 52kg/m <sup>2</sup> <b>Pixel density</b> 10000 dots/m <sup>2</sup> <b>Unit Ratio</b> 1:1	<b>Pixel structure</b> DIP346 <b>Pixel pitch (mm)</b> 16mm <b>Module Resolution (W × H)</b> 20(W)x20(H) <b>Module Dimension (W × H)</b> 256mm(W) x 256mm(H) <b>Unit module composition (W × H)</b> 4(W)x4(H) <b>Unit Resolution (W × H)</b> 60(W)x60(H) <b>Unit area</b> 0.9216m <sup>2</sup> <b>Weight</b> 52kg/m <sup>2</sup> <b>Pixel density</b> 3906 dots/m <sup>2</sup> <b>Unit Ratio</b> 1:1
Unit Composition	<b>Brightness[nits]</b> ≥5500(cd/m <sup>2</sup> ) <b>Color Temperature</b> 2000-9500K adjustable <b>Viewing Angle</b> 120°( Horizontal), 120°( Vertical) <b>Luminous point center distance deviation</b> <3% <b>Brightness uniformity</b> ≥97% <b>Color uniformity</b> ≤ ± 0.003 Cx, Cy	<b>Brightness[nits]</b> ≥5500(cd/m <sup>2</sup> ) <b>Color Temperature</b> 2000-9500K adjustable <b>Viewing Angle</b> 120°( Horizontal), 120°( Vertical) <b>Luminous point center distance deviation</b> <3% <b>Brightness uniformity</b> ≥97% <b>Color uniformity</b> ≤ ± 0.003 Cx, Cy	<b>Brightness[nits]</b> ≥7500(cd/m <sup>2</sup> ) <b>Color Temperature</b> 2000-9500K adjustable <b>Viewing Angle</b> 110°( Horizontal),50°( Vertical) <b>Luminous point center distance deviation</b> <3% <b>Brightness uniformity</b> ≥97% <b>Color uniformity</b> ≤ ± 0.003 Cx, Cy
Optical Parameters	<b>Peak Consumption</b> 900 W/m <sup>2</sup> <b>Average Consumption</b> 300 W/m <sup>2</sup> <b>Power Supply</b> 100 to 240 VAC ± 15%	<b>Peak Consumption</b> 900 W/m <sup>2</sup> <b>Average Consumption</b> 300 W/m <sup>2</sup> <b>Power Supply</b> 100 to 240 VAC ± 15%	<b>Peak Consumption</b> 900 W/m <sup>2</sup> <b>Average Consumption</b> 300 W/m <sup>2</sup> <b>Power Supply</b> 100 to 240 VAC ± 15%
Electrical parameters	<b>Drive Mode</b> Constant Current Driving <b>Frame Rate</b> 60 Hz <b>Refresh Rate</b> ≥1920Hz	<b>Drive Mode</b> Constant Current Driving <b>Frame Rate</b> 60 Hz <b>Refresh Rate</b> 1,920 Hz	<b>Drive Mode</b> Constant Current Driving <b>Frame Rate</b> 60 Hz <b>Refresh Rate</b> 1920Hz
Processing Performance	<b>Service life(H)</b> >100,000 (H) <b>Temperature(°C)</b> -20 to 50 ° C (-4 to 122 ° F)	<b>Service life(H)</b> >100,000 (H) <b>Temperature(°C)</b> -20 to 50 ° C (-4 to 122 ° F)	<b>Service life(H)</b> >100,000 (H) <b>Temperature(°C)</b> -20 to 50 ° C (-4 to 122 ° F)
General	<b>Humidity(RH)</b> 10-90%(Non-condensing)	<b>Humidity(RH)</b> 10-90%(Non-condensing)	<b>Humidity(RH)</b> 10-90%(Non-condensing)

Model	DS-D4A39TI-GW
Image	
LED Unit	<b>Module type</b> Surface mounted trinity LED <b>Pixel pitch</b> H: 3.9mm V: 7.8mm <b>Resolution</b> 256 ×128 <b>Dimensions</b> 1000mm(W) x 1000mm(H) x 100mm(D) <b>Weight</b> 16 kg/m <sup>2</sup> <b>Pixel density</b> 32768 pixel/m <sup>2</sup> <b>Transparency</b> 60% <b>Ingress protection</b> IP43 <b>Material</b> Aluminium <b>Brightness</b> 5000 nits <b>Color temperature</b> 3000 ~10000K, adjustable <b>Viewing angle</b> Horizontal 160°, vertical 160° <b>Recommended viewing distance</b> ≥ 4m <b>Center distance deviation of LED</b> < 3%
Optical	<b>Brightness uniformity</b> ≥ 97% <b>Color uniformity</b> ≤ ± 0.003 Cx, Cy <b>Contrast</b> ≥3000 : 1 <b>Max. consumption</b> 800 W/m <sup>2</sup> <b>Average consumption</b> 250 W/m <sup>2</sup> <b>Power supply</b> 100-240 VAC <b>Driving mode</b> Constant current driving <b>Frame frequency</b> 60 Hz <b>Refresh rate</b> ≥1500 Hz
Electrical	<b>Processing depth</b> 16 bit <b>Grey level</b> 65536 level <b>Color</b> 281.4 trillion <b>Brightness control</b> Auto/Manual <b>Working hours</b> ≥ 100,000 h <b>Working temperature</b> -10 ~ 45 ° C (14 to 104 ° F) <b>Storage temperature</b> -20 ~ 60 ° C (-4 to 140 ° F) <b>Working humidity</b> 10 ~ 90 % (non-condensing)
Processing Performance	<b>General</b>

Network Camera Ptz Dome Panoramic Camera Camera Explosion-Proof & Anti-Corrosion Series Nvr Storage Data Center Thermal Decoder Video Wall Controller Software Accessories Dori Distance

# Interactive Display

Smarter Touch,  
Smarter Communication

- UHD 4K resolution
- Anti-glare and anti-collision tempered glass protection
- 20-Point touch control and smooth writing experience
- On-screen annotations with built-in whiteboard software
- Wireless projection
- Built-in Android OS, OPS optional



Model	DS-D5A65RB/B	DS-D5A75RB/B	DS-D5A86RB/B
Image	•NEW 	•NEW 	•NEW 
Display	<p><b>Diagonal Size</b> 65"</p> <p><b>Backlight</b> LED Backlight</p> <p><b>Panel</b> LCD</p> <p><b>Resolution</b> 3840 × 2160 @ 60 Hz</p> <p><b>Color</b> 10 bit</p> <p><b>Visual Angle</b> Horizontal 178°, vertical 178°</p> <p><b>Response Time</b> 6 ms</p> <p><b>Contrast</b> 1200:1</p> <p><b>Brightness</b> 450 cd/m²</p> <p><b>Dot Pitch (H×V)</b> 0.372(H) mm × 0.372(V) mm</p> <p><b>Screen Moving Area (H×V)</b> -</p> <p><b>Input Interface</b> HDMI IN × 2, VGA IN × 1, PC AUDIO IN × 1, LINE IN × 1</p> <p><b>Output Interface</b> HDMI OUT × 1, LINE OUT × 1, SPDIF OUT × 1, Built-in 16 W speaker × 2</p> <p><b>Control Interface</b> RJ45 [100Mbps ports] × 2, RS-232 × 1</p> <p><b>Power Consumption</b> &lt; 200 W</p> <p><b>Power Requirement</b> 100 V to 240 VAC, 50/60 Hz</p> <p><b>Operating Temperature</b> 0 to 40 °C (0 to 104 °F)</p> <p><b>Operating Humidity</b> 10% to 90% (non-condensing)</p> <p><b>Dimension (W×H×D)</b> 1505 mm × 907 mm × 114 mm</p>	<p>75"</p> <p>LED Backlight</p> <p>LCD</p> <p>3840 × 2160 @ 60 Hz</p> <p>10 bit</p> <p>Horizontal 178°, vertical 178°</p> <p>6 ms</p> <p>1200:1</p> <p>450 cd/m²</p> <p>0.496(H) mm × 0.372(V) mm</p> <p>-</p> <p>HDMI IN × 2, VGA IN × 1, PC AUDIO IN × 1, LINE IN × 1</p> <p>HDMI OUT × 1, LINE OUT × 1, SPDIF OUT × 1, Built-in 16 W speaker × 2</p> <p>RJ45 [100Mbps ports] × 2, RS-232 × 1</p> <p>&lt; 200 W</p> <p>100 V to 240 VAC, 50/60 Hz</p> <p>0 to 40 °C (0 to 104 °F)</p> <p>10% to 90% (non-condensing)</p> <p>1737 mm × 1040 mm × 103 mm</p>	<p>86"</p> <p>LED Backlight</p> <p>LCD</p> <p>3840 × 2160 @ 60 Hz</p> <p>10 bit</p> <p>Horizontal 178°, vertical 178°</p> <p>6 ms</p> <p>1200:1</p> <p>400 cd/m²</p> <p>0.4935(H) mm × 0.4935(V) mm</p> <p>-</p> <p>HDMI IN × 2, VGA IN × 1, PC AUDIO IN × 1, LINE IN × 1</p> <p>HDMI OUT × 1, LINE OUT × 1, SPDIF OUT × 1, Built-in 16 W speaker × 2</p> <p>RJ45 [100Mbps ports] × 2, RS-232 × 1</p> <p>&lt; 400 W</p> <p>100 V to 240 VAC, 50/60 Hz</p> <p>0 to 40 °C (0 to 104 °F)</p> <p>10% to 90% (non-condensing)</p> <p>1990 mm × 1186 mm × 117 mm</p>
Working Environment			

# Digital Signage

## Diversified Advertisement Media Player

- Light-weight body with integrative design
- Industrial A+ interface, auto-coloring and image-enhancing engine
- Static and dynamic materials, including pictures, audio, video, scrolling subtitle, PDF, webpage, live video, number calling, pop-up pictures, etc.
- Flexible program schedule
- Centralized management
- Organization permission: 5-level organization available for managing materials, programs, terminals, and users
- Multiple security safeguards



## Digital Signage Terminal

Model	DS-D6055FN-B	DS-D6055FL-B/S	DS-D60C-B	DS-D6043FL-B/S	DS-D6022FL-B	DS-D6022TL-B
Image	 <span style="color: red;">NEW</span>	 <span style="color: red;">NEW</span>	 <span style="color: red;">NEW</span>	 <span style="color: red;">NEW</span>	 <span style="color: red;">NEW</span>	 <span style="color: red;">NEW</span>
Display	<p><b>Screen Size</b> 54.5 inch</p> <p><b>Screen Active Zone</b> 1209.6 (H) x 680.4 (V) mm (47.6 x 26.8 inch)</p> <p><b>Backlight</b> LED backlight</p> <p><b>Pixel Pitch</b> 0.21 x 0.63 mm</p> <p><b>Resolution</b> 1920 x 1080 @ 60 Hz</p> <p><b>Brightness</b> 450 cd/m²</p> <p><b>Visual Angle</b> Horizontal: 178°, vertical: 178°</p> <p><b>Color Depth</b> 8 bit</p> <p><b>Contrast</b> 3500 : 1</p> <p><b>Response Time</b> 6.5 ms</p> <p><b>Refresh Rate</b> 60 Hz</p> <p><b>Color Gamut</b> 16.7 M</p> <p><b>CPU</b> 4-core Cortex-A17, main screen 1.8 GHz</p> <p><b>Memory</b> 2 GB</p> <p><b>SD Card</b> 8 GB EMMC, 32 GB TF Card</p> <p><b>Video &amp; Audio Output</b> 1 x AUDIO 2 x Built-in loudspeakers</p> <p><b>Network Interface</b> 1 x LAN</p> <p><b>Data Transmission Interface</b> 2 x USB 2.0 interface</p> <p><b>Power</b> 100 to 240 VAC, 50 or 60 Hz</p> <p><b>Power Consumption</b> ≤ 118 W</p> <p><b>Standby Consumption</b> ≤ 1 W</p> <p><b>Working Temperature</b> 0 °C to 40 °C (32 °F to 104 °F)</p> <p><b>Working Humidity</b> 10% to 90% RH</p> <p><b>Product Dimensions</b> 1237.2 x 708 x 66.54 mm</p> <p><b>Packing Dimensions</b> 1403 x 898 x 263 mm</p> <p><b>Weight</b> Net weight: 23 kg (50.7 lb.) Gross weight: 24 kg (52.9 lb.)</p>	<p>54.5 inch</p> <p>1209.6 (H) x 680.4 (V) mm (47.6 x 26.8 inch)</p> <p>LED backlight</p> <p>0.21 x 0.63 mm</p> <p>1920 x 1080 @ 60 Hz</p> <p>450 cd/m²</p> <p>Horizontal: 178°, vertical: 178°</p> <p>8 bit</p> <p>3500 : 1</p> <p>6.5 ms</p> <p>60 Hz</p> <p>16.7 M</p> <p>Cortex-A17, 4-core, 1.8 GHz</p> <p>2 GB</p> <p>8 GB EMMC, 32 GB TF Card</p> <p>1 x AUDIO 2 x Built-in loudspeakers</p> <p>1 x LAN</p> <p>2 x USB 2.0 interface</p> <p>100 to 240 VAC, 50 or 60 Hz</p> <p>≤ 118 W</p> <p>≤ 1 W</p> <p>0 °C to 40 °C (32 °F to 104 °F)</p> <p>10% to 90% RH</p> <p>1237.2 x 708 x 66.54 mm</p> <p>1403 x 898 x 263 mm</p> <p>Net weight: 23 kg (50.7 lb.) Gross weight: 24 kg (52.9 lb.)</p>	<p>42.5 inch</p> <p>529.25 (H) x 940.90 (V) mm (20.84 x 37.04 inch)</p> <p>LED backlight</p> <p>0.163 x 0.490 mm</p> <p>1920 x 1080 @ 60 Hz</p> <p>450 cd/m²</p> <p>Horizontal: 178°, Vertical: 178°</p> <p>8 bit</p> <p>1200:1</p> <p>8 ms</p> <p>60 Hz</p> <p>72% NTSC</p> <p>Cortex-A17, 4-core, 1.8 GHz</p> <p>2 GB</p> <p>8 GB EMMC, TF 32 GB, Max. 128 GB</p> <p>1 x AUDIO 2 x Built-in loudspeakers</p> <p>1 x LAN, Wi-Fi</p> <p>2 x USB, 1 x TF Card</p> <p>100 to 240 VAC, 50 or 60 Hz</p> <p>≤ 150 W</p> <p>≤ 20 W</p> <p>0 °C to 50 °C (32 °F to 122 °F)</p> <p>10% to 90%</p> <p>145 x 145 x 31.89 mm</p> <p>188 x 176 x 101 mm</p> <p>Net weight: 0.6 kg (1.3 lb.) Rough weight: 0.65 kg (1.4 lb.)</p>	<p>21.5 inch</p> <p>476.06 (H) x 267.78 (V) mm (18.74 x 10.54 inch)</p> <p>LED backlight</p> <p>0.24795 x 0.24795 mm</p> <p>1920 x 1080 @ 60 Hz</p> <p>250 cd/m²</p> <p>Horizontal: 178°, Vertical: 178°</p> <p>8 bit</p> <p>1000:1</p> <p>14 ms</p> <p>60 Hz</p> <p>72% NTSC</p> <p>Cortex-A17, 4-core, 1.8 GHz</p> <p>2 GB</p> <p>8 GB EMMC, TF 32 GB, Max. 128 GB</p> <p>1 x AUDIO 2 x Built-in loudspeakers</p> <p>1 x LAN, Wi-Fi</p> <p>2 x USB, 1 x TF Card</p> <p>100 to 240 VAC, 50 or 60 Hz</p> <p>≤ 150 W</p> <p>≤ 20 W</p> <p>0 °C to 40 °C (32 °F to 104 °F)</p> <p>10% to 90% RH</p> <p>589.74 x 1717 x 55 mm</p> <p>765 x 1935 x 303 mm</p> <p>Net weight: 48.46 kg (106.84 lb.) Gross weight: 63.46 kg (139.91 lb.)</p>	<p>21.5 inch</p> <p>476.06 (H) x 267.78 (V) mm (18.74 x 10.54 inch)</p> <p>LED backlight</p> <p>0.24795 x 0.24795 mm</p> <p>1920 x 1080 @ 60 Hz</p> <p>250 cd/m²</p> <p>Horizontal: 178°, Vertical: 178°</p> <p>8 bit</p> <p>1000:1</p> <p>14 ms</p> <p>60 Hz</p> <p>72% NTSC</p> <p>Cortex-A17, 4-core, 1.8 GHz</p> <p>2 GB</p> <p>8 GB EMMC, TF 32 GB, Max. 128 GB</p> <p>1 x AUDIO 2 x Built-in loudspeakers</p> <p>1 x LAN, Wi-Fi</p> <p>2 x USB, 1 x TF Card</p> <p>100 to 240 VAC, 50 or 60 Hz</p> <p>≤ 150 W</p> <p>≤ 20 W</p> <p>0 °C to 40 °C (32 °F to 104 °F)</p> <p>10% to 90% RH</p> <p>533.26 x 324.99 x 44 mm</p> <p>650 x 475 x 135 mm</p> <p>Net weight: 5.92 kg (13.05 lb.) Gross weight: 7.38 kg (16.27 lb.)</p>	<p>21.5 inch</p> <p>476.06 (H) x 267.78 (V) mm (18.74 x 10.54 inch)</p> <p>LED backlight</p> <p>0.24795 x 0.24795 mm</p> <p>1920 x 1080 @ 60 Hz</p> <p>250 cd/m²</p> <p>Horizontal: 178°, Vertical: 178°</p> <p>8 bit</p> <p>1000:1</p> <p>14 ms</p> <p>60 Hz</p> <p>72% NTSC</p> <p>Cortex-A17, 4-core, 1.8 GHz</p> <p>2 GB</p> <p>8 GB EMMC, TF 32 GB, Max. 128 GB</p> <p>1 x AUDIO 2 x Built-in loudspeakers</p> <p>1 x LAN, Wi-Fi</p> <p>2 x USB, 1 x TF Card</p> <p>100 to 240 VAC, 50 or 60 Hz</p> <p>≤ 150 W</p> <p>≤ 20 W</p> <p>0 °C to 40 °C (32 °F to 104 °F)</p> <p>10% to 90% RH</p> <p>533.26 x 324.99 x 44 mm</p> <p>650 x 475 x 135 mm</p> <p>Net weight: 5.47 kg (12.06 lb.) Gross weight: 6.93 kg (15.28 lb.)</p>
General						

Model	DS-D6032FL-B	DS-D6032TL-B	DS-D6043FN-B	DS-D6043TL-B	DS-D6055TL-B	DS-D6055UN-B
Image	 ·NEW	 ·NEW	 ·NEW	 ·NEW	 ·NEW	 ·NEW
Display	<p><b>Screen Size</b> 31.51 inch</p> <p><b>Screen Active Zone</b> 698.4 [H] x 392.85 [V] mm ( 27.50 x 15.47 inch)</p> <p><b>Backlight</b> LED backlight</p> <p><b>Pixel Pitch</b> 0.12125 x 0.36375 mm</p> <p><b>Resolution</b> 1920 × 1080 @ 60 Hz</p> <p><b>Brightness</b> 350 cd/m2</p> <p><b>Visual Angle</b> Horizontal: 178°, Vertical: 178°</p> <p><b>Color Depth</b> 8 bit</p> <p><b>Contrast</b> 1200:1</p> <p><b>Response Time</b> 8 ms</p> <p><b>Refresh Rate</b> 60 Hz</p> <p><b>Color Gamut</b> 75% NTSC</p> <p><b>CPU</b> Cortex-A17, 4-core, 1.8 GHz</p> <p><b>Memory</b> 2 GB</p> <p><b>SD Card</b> 8 GB EMMC, TF 32 GB, Max. 128 GB</p> <p><b>Video &amp; Audio Output</b> 1 x AUDIO 2 x Built-in loudspeakers</p> <p><b>Network Interface</b> 1 x LAN, Wi-Fi</p> <p><b>Data Transmission Interface</b> 2 x USB, 1 x TF Card</p> <p><b>Power</b> 100 to 240 VAC, 50 or 60 Hz</p> <p><b>Power Consumption</b> ≤ 60 W</p> <p><b>Standby Consumption</b> ≤ 10 W</p> <p><b>Working Temperature</b> 0 °C to 40 °C [32 °F to 104 °F]</p> <p><b>Working Humidity</b> 10% to 80% RH</p> <p><b>Product Dimensions</b> 748.31 × 447.11 × 55.9 mm</p> <p><b>Packing Dimensions</b> 904 x 643 x 210 mm</p> <p><b>Weight</b> Net weight: 15.1 kg [33.29 lb.] Gross weight: 16.1 kg [35.49 lb.]</p>	<p><b>Screen Size</b> 31.51 inch</p> <p><b>Screen Active Zone</b> 698.4 [H] x 392.85 [V] mm ( 27.50 x 15.47 inch)</p> <p><b>Backlight</b> LED backlight</p> <p><b>Pixel Pitch</b> 0.121 x 0.364 mm</p> <p><b>Resolution</b> 1920 × 1080 @ 60 Hz</p> <p><b>Brightness</b> 350 cd/m2</p> <p><b>Visual Angle</b> Horizontal: 178°, Vertical: 178°</p> <p><b>Color Depth</b> 8 bit</p> <p><b>Contrast</b> 1200:1</p> <p><b>Response Time</b> 8 ms</p> <p><b>Refresh Rate</b> 60 Hz</p> <p><b>Color Gamut</b> 75% NTSC</p> <p><b>CPU</b> Cortex-A17, 4-core, 1.8 GHz</p> <p><b>Memory</b> 2 GB</p> <p><b>SD Card</b> 8 GB EMMC, TF 32 GB, Max. 128 GB</p> <p><b>Video &amp; Audio Output</b> 1 x AUDIO 2 x Built-in loudspeakers</p> <p><b>Network Interface</b> 1 x LAN, Wi-Fi</p> <p><b>Data Transmission Interface</b> 2 x USB, 1 x TF Card</p> <p><b>Power</b> 100 to 240 VAC, 50 or 60 Hz</p> <p><b>Power Consumption</b> ≤ 60 W</p> <p><b>Standby Consumption</b> ≤ 10 W</p> <p><b>Working Temperature</b> 0 °C to 40 °C [32 °F to 104 °F]</p> <p><b>Working Humidity</b> 10% to 80% RH</p> <p><b>Product Dimensions</b> 764.46 × 459.06 × 59.8 mm</p> <p><b>Packing Dimensions</b> 904 x 643 x 210 mm</p> <p><b>Weight</b> Net weight: 15.5 kg [34.17 lb.] Gross weight: 16.5 kg [36.38 lb.]</p>	<p><b>Screen Size</b> 42.5 inch</p> <p><b>Screen Active Zone</b> 940.896 [H] x 529.254 [V] mm ( 37.04 x 20.84 inch)</p> <p><b>Backlight</b> LED backlight</p> <p><b>Pixel Pitch</b> 0.163 x 0.490 mm</p> <p><b>Resolution</b> 1920 × 1080 @ 60 Hz</p> <p><b>Brightness</b> 450 cd/m2</p> <p><b>Visual Angle</b> Horizontal: 178°, Vertical: 178°</p> <p><b>Color Depth</b> 8 bit</p> <p><b>Contrast</b> 1200:1</p> <p><b>Response Time</b> 8 ms</p> <p><b>Refresh Rate</b> 60 Hz</p> <p><b>Color Gamut</b> 72% NTSC</p> <p><b>CPU</b> Cortex-A17, 4-core, 1.8 GHz</p> <p><b>Memory</b> 2 GB</p> <p><b>SD Card</b> 8 GB EMMC, TF 32 GB, Max. 128 GB</p> <p><b>Video &amp; Audio Output</b> 1 x AUDIO 2 x Built-in loudspeakers</p> <p><b>Network Interface</b> 1 x LAN, Wi-Fi</p> <p><b>Data Transmission Interface</b> 2 x USB, 1 x TF Card</p> <p><b>Power</b> 100 to 240 VAC, 50 or 60 Hz</p> <p><b>Power Consumption</b> ≤ 95 W</p> <p><b>Standby Consumption</b> ≤ 10 W</p> <p><b>Working Temperature</b> 0 °C to 40 °C [32 °F to 104 °F]</p> <p><b>Working Humidity</b> 10% to 90% RH</p> <p><b>Product Dimensions</b> 967.18 × 555.42 × 67.14 mm</p> <p><b>Packing Dimensions</b> 1172 x 725 x 212 mm</p> <p><b>Weight</b> Net weight: 16.1 kg [35.49 lb.] Gross weight: 18.24 kg [40.21 lb.]</p>	<p><b>Screen Size</b> 42.5 inch</p> <p><b>Screen Active Zone</b> 940.896 [H] x 529.254 [V] mm ( 37.04 x 20.84 inch)</p> <p><b>Backlight</b> LED backlight</p> <p><b>Pixel Pitch</b> 0.163 x 0.490 mm</p> <p><b>Resolution</b> 1920 × 1080 @ 60 Hz</p> <p><b>Brightness</b> 450 cd/m2</p> <p><b>Visual Angle</b> Horizontal: 178°, Vertical: 178°</p> <p><b>Color Depth</b> 8 bit</p> <p><b>Contrast</b> 1200:1</p> <p><b>Response Time</b> 8 ms</p> <p><b>Refresh Rate</b> 60 Hz</p> <p><b>Color Gamut</b> 72% NTSC</p> <p><b>CPU</b> Cortex-A17, 4-core, 1.8 GHz</p> <p><b>Memory</b> 2 GB</p> <p><b>SD Card</b> 8 GB EMMC, TF 32 GB, Max. 128 GB</p> <p><b>Video &amp; Audio Output</b> 1 x AUDIO 2 x Built-in loudspeakers</p> <p><b>Network Interface</b> 1 x LAN, Wi-Fi</p> <p><b>Data Transmission Interface</b> 2 x USB, 1 x TF Card</p> <p><b>Power</b> 100 to 240 VAC, 50 or 60 Hz</p> <p><b>Power Consumption</b> ≤ 95 W</p> <p><b>Standby Consumption</b> ≤ 10 W</p> <p><b>Working Temperature</b> 0 °C to 40 °C [32 °F to 104 °F]</p> <p><b>Working Humidity</b> 10% to 90% RH</p> <p><b>Product Dimensions</b> 1006.96 × 595.16 × 82.89 mm</p> <p><b>Packing Dimensions</b> 1172 x 725 x 212 mm</p> <p><b>Weight</b> Net weight: 21.9 kg [48.28 lb.] Gross weight: 24.7 kg [54.45 lb.]</p>	<p><b>Screen Size</b> 54.64 inch</p> <p><b>Screen Active Zone</b> 1209.6 [H] x 680.4 [V] mm ( 47.62 x 26.79 inch)</p> <p><b>Backlight</b> LED backlight</p> <p><b>Pixel Pitch</b> 0.21 x 0.63 mm</p> <p><b>Resolution</b> 1920 × 1080 @ 60 Hz</p> <p><b>Brightness</b> 450 cd/m2</p> <p><b>Visual Angle</b> Horizontal: 178°, Vertical: 178°</p> <p><b>Color Depth</b> 8 bit</p> <p><b>Contrast</b> 3500:1</p> <p><b>Response Time</b> 6.5 ms</p> <p><b>Refresh Rate</b> 60 Hz</p> <p><b>Color Gamut</b> 68% NTSC</p> <p><b>CPU</b> Cortex-A17, 4-core, 1.8 GHz</p> <p><b>Memory</b> 2 GB</p> <p><b>SD Card</b> 8 GB EMMC, TF 32 GB, Max. 128 GB</p> <p><b>Video &amp; Audio Output</b> 1 x AUDIO 2 x Built-in loudspeakers</p> <p><b>Network Interface</b> 1 x LAN, Wi-Fi</p> <p><b>Data Transmission Interface</b> 2 x USB, 1 x TF Card</p> <p><b>Power</b> 100 to 240 VAC, 50 or 60 Hz</p> <p><b>Power Consumption</b> ≤ 120 W</p> <p><b>Standby Consumption</b> ≤ 10 W</p> <p><b>Working Temperature</b> 0 °C to 40 °C [32 °F to 104 °F]</p> <p><b>Working Humidity</b> 10% to 90% RH</p> <p><b>Product Dimensions</b> 1276.56 × 748.56 × 83.29 mm</p> <p><b>Packing Dimensions</b> 1488 x 965 x 262 mm</p> <p><b>Weight</b> Net weight: 36.21 kg [79.83 lb.] Gross weight: 39.21 kg [86.44 lb.]</p>	<p><b>Screen Size</b> 54.64 inch</p> <p><b>Screen Active Zone</b> 1209.6 [H] x 680.4 [V] mm ( 47.62 x 26.79 inch)</p> <p><b>Backlight</b> LED backlight</p> <p><b>Pixel Pitch</b> 0.315 x 0.315 mm</p> <p><b>Resolution</b> 3840 × 2160 @ 60 Hz</p> <p><b>Brightness</b> 380 cd/m2</p> <p><b>Visual Angle</b> Horizontal: 178°, Vertical: 178°</p> <p><b>Color Depth</b> 10 bit</p> <p><b>Contrast</b> 1200:1</p> <p><b>Response Time</b> 8 ms</p> <p><b>Refresh Rate</b> 60 Hz</p> <p><b>Color Gamut</b> 72% NTSC</p> <p><b>CPU</b> Cortex-A17, 4-core, 1.8 GHz</p> <p><b>Memory</b> 2 GB</p> <p><b>SD Card</b> 8 GB EMMC, TF 32 GB, Max. 128 GB</p> <p><b>Video &amp; Audio Output</b> 1 x AUDIO 2 x Built-in loudspeakers</p> <p><b>Network Interface</b> 1 x LAN, Wi-Fi, SIM card</p> <p><b>Data Transmission Interface</b> 2 x USB, 1 x TF Card, 1 x Bluetooth</p> <p><b>Power</b> 100 to 240 VAC, 50 or 60 Hz</p> <p><b>Power Consumption</b> ≤ 150 W</p> <p><b>Standby Consumption</b> ≤ 10 W</p> <p><b>Working Temperature</b> 0 °C to 40 °C [32 °F to 104 °F]</p> <p><b>Working Humidity</b> 10% to 90% RH</p> <p><b>Product Dimensions</b> 1237.2 × 708 × 82.04 mm</p> <p><b>Packing Dimensions</b> 1403 x 898 x 263 mm</p> <p><b>Weight</b> Net weight: 21 kg [46.29 lb.] Gross weight: 24 kg [52.91 lb.]</p>

Network Camera PTZ Dome Camera Camera Explosion-Proof & Anti-Corrosion Series NVR Storage Data Center Thermal Display Decoder Video Wall Controller Software Accessories Distance DORI

# Decoder



# Decoder

## Dynamic and Secure Video Stream

- Multiple output interfaces
- Supports various video compression formats
- Decoding capability up to 128-ch 1080p
- Supports splicing, cross-window, division, and roaming modes
- Video wall controlling up to 16 screens



**DS-6900 Series**

Model	DS-6901UDI	DS-6904UDI	DS-6908UDI	DS-6910UDI	DS-6912UDI	DS-6916UDI
Image						
Video Stream Format Supported	H.265+/H.265, H.264+/H.264, MPEG4 and MJPEG					
Audio Stream Format Supported	G.722, G711A, G726, G711U, MPEG2-L2, and AAC					
Decoding Capability	12 MP @ 20 fps: 2-ch 8 MP @ 30 fps: 4-ch 5 MP @ 30 fps: 6-ch 3 MP @ 30 fps: 10-ch 1080p @ 30 fps: 16-ch	12 MP @ 20 fps: 4-ch 8 MP @ 30 fps: 8-ch 5 MP @ 30 fps: 12-ch 3 MP @ 30 fps: 20-ch 1080p @ 30 fps: 32-ch	12 MP @ 20 fps: 8-ch 8 MP @ 30 fps: 16-ch 5 MP @ 30 fps: 24-ch 3 MP @ 30 fps: 40-ch 1080p @ 30 fps: 64-ch	12 MP @ 20 fps: 10-ch 8 MP @ 30 fps: 20-ch 5 MP @ 30 fps: 30-ch 3 MP @ 30 fps: 50-ch 1080p @ 30 fps: 80-ch	12 MP @ 20 fps: 12-ch 8 MP @ 30 fps: 24-ch 5 MP @ 30 fps: 36-ch 3 MP @ 30 fps: 60-ch 1080p @ 30 fps: 96-ch	12 MP @ 20 fps: 16-ch 8 MP @ 30 fps: 32-ch 5 MP @ 30 fps: 48-ch 3 MP @ 30 fps: 80-ch 1080p @ 30 fps / 3 Mbps: 128-ch
Split Screen	1 / 4 / 6 / 8 / 9 / 12 / 16	1 / 4 / 6 / 8 / 9 / 12 / 16 / 25	1 / 4 / 6 / 8 / 9 / 12 / 16 / 25 / 36			
VGA Output	1080p; 1920 × 1080 @ 50/60 Hz WSXGA: 1680 × 1050 @ 60 Hz SXGA: 1280 × 1024 @ 60 Hz 720p: 1280 × 720 @ 50/60 Hz XGA: 1024 × 768 @ 60 Hz	-	-	-	-	-
HDMI Output	1-ch	-	-	-	-	-
	4K: 3840 × 2160 @ 30 Hz (for odd interface only) 1080p: 1920 × 1080 @ 50/60 Hz WSXGA: 1680 × 1050 @ 60 Hz UXGA: 1600 × 1200 @ 60 Hz (for odd interface only) 720p: 1280 × 720 @ 50/60 Hz SXGA: 1280 × 1024 @ 60 Hz XGA: 1024 × 768 @ 60 Hz					
Video Input	1-ch	4-ch	8-ch	10-ch	12-ch	16-ch
	WSXGA: 1680 × 1050 @ 60 Hz WXGA: 1440 × 900 @ 60 Hz WXGA: 1280 × 800 @ 60 Hz, 1366 × 768 @ 60 Hz, 1080p: 1920 × 1080 @ 50/60 Hz UXGA: 1600 × 1200 @ 60 Hz XGA: 1280 × 960 @ 60 Hz 720p: 1280 × 720 @ 50/60 Hz SXGA: 1280 × 1024 @ 60 Hz XGA: 1024 × 768 @ 60 Hz					
CVBS Output	-	1-ch, VGA connector; 1-ch, DVI-I connector				
Audio Output	1-ch	2-ch, 1 dB 15	4-ch, 1 dB 15	5-ch, 2 dB 15	6-ch, 2 dB 15	8-ch, 2 dB 15
Network Interface	Two 10/100/1000 Mbps self-adaptive management network interfaces Two 10/100/1000 Mbps self-adaptive Ethernet interfaces Sixteen 10M/100 Mbps self-adaptive Ethernet interfaces					
Serial Interface	1 RS-232 (RJ45), 1 RS-485					
Two-Way Audio In	1-ch, 3.5 mm connector [2.0 Vp-p, 1 kΩ]					
Two-Way Audio Out	1-ch, 3.5 mm connector [2.0 Vp-p, 1 kΩ]					
Alarm In	8					
Alarm Out	8					
Dimensions (W×D×H)	220 × 148 × 45 mm (8.66 × 5.83 × 1.77 inch)	440 × 311 × 44.5 mm (17.32 × 12.24 × 1.75 inch)	440 × 311 × 44.5 mm (17.32 × 12.24 × 1.75 inch)	440 × 311 × 80 mm (17.32 × 12.24 × 3.15 inch)		

# Video Wall Controller



# Video Wall Controller

All You Need to See, All the Time

- A signal source can be displayed on  $M \times N$  ( $M \geq 1, N \geq 1$ ) display units
- Multiple signal input sources: VGA, DVI, HDMI, YpbPr, DP
- Built-in matrix, one signal displays on multiple windows
- Window division, splicing, roaming, cross-window
- Supports 1/4/9/16 window division modes and full-screen window switching



DS-C10S-T Series

Model	DS-C10S-S11T	DS-C10S-S22T
Image		
<b>Hardware</b>		
<b>Motherboard (DS-C10SMSUT)</b>	<b>Slot Number</b> <b>Network Interface</b> One 10M/100M/1000M self-adaptive Ethernet interface <b>USB Interface</b> 1 × USB 2.0 [Reserved]	<b>Slot Number</b> <b>Network Interface</b> One 10M/100M/1000M self-adaptive Ethernet interface <b>USB Interface</b> 22 [12 × Input, 10 × Output]
<b>Network Decoding Board (DS-C10S-SIUT)</b>	<b>RS-232 Serial Interface</b> 2	
<b>DVI Input Board (DS-C10S-DI4T)</b>	<b>Decoding Performance</b> Resolution: 2-ch @ 8 MP [low frame rate] or 2-ch @ 6 MP or 2-ch @ 5 MP or 8-ch @ 1080p or 16-ch @ 720p, or 32-ch @ D1 Format: H.265, H.264, Mpeg4, etc. <b>Interface</b> 4 × DVI interface	
<b>VGA Input Board (DS-C10S-VI4T)</b>	<b>DVI Input Resolution</b> Custom resolution, 720p @ 50 Hz, 720p @ 60 Hz, 1024 × 768 @ 60 Hz, 1024 × 768 @ 75 Hz, 1280 × 1024 @ 60 Hz, 1280 × 1024 @ 75 Hz, 1366 × 768 @ 60 Hz, 1400 × 1050 @ 60 Hz, 1080p @ 50 Hz, 1080p @ 60 Hz, UXGA @ 60 Hz, 1920 × 1200 @ 60 Hz <b>Interface</b> 4 × VGA interface	
<b>HDMI Input Board (DS-C10S-HI4T)</b>	<b>RGB Input Resolution</b> 720p @ 60 Hz, 1024 × 768 @ 60 Hz, 1024 × 768 @ 75 Hz, 1280 × 1024 @ 60 Hz, 1280 × 1024 @ 75 Hz, 1366 × 768 @ 60 Hz, 1400 × 1050 @ 60 Hz, 1080p @ 60 Hz, UXGA @ 60 Hz, 1920 × 1200 @ 60 Hz <b>Interface</b> The VGA to DVI adaptor is required for VGA input. 4 × HDMI interface	
<b>YPbPr Input Board (DS-C10S-YI4T)</b>	<b>DVI Input Resolution</b> Custom resolution, 1024 × 768 @ 60 Hz, 1024 × 768 @ 75 Hz, 1280 × 720 @ 50 Hz, 1280 × 720 @ 60 Hz, 1280 × 1024 @ 60 Hz, 1280 × 1024 @ 75 Hz, 1366 × 768 @ 60 Hz, 1400 × 1050 @ 60 Hz, 1600 × 1200 @ 60 Hz, 1920 × 1080 @ 50 Hz, 1920 × 1080 @ 60 Hz, 1920 × 1200 @ 60 Hz, 3840 × 2160 @ 30 Hz, Only No. 1 and 3 interfaces support 3840 × 2160 @ 30 Hz <b>Input</b> 4 × YPBPr interface	
<b>DP Input Board (DS-C10S-DP14T)</b>	<b>DVI Input Resolution</b> 576p50, 480p60, 720p50, 720p60, 1080p50, 1080p60 <b>Interface</b> The DVI to YPBPr adaptor is required for YPBPr input. 4 × DP interface	
<b>DVI Output Board (DS-C10S-D04T)</b>	<b>DP Input Resolution</b> Custom resolution, 1024 × 768 @ 60 Hz, 1024 × 768 @ 75 Hz, 1280 × 720 @ 50 Hz, 1280 × 720 @ 60 Hz, 1280 × 1024 @ 60 Hz, 1280 × 1024 @ 75 Hz, 1366 × 768 @ 60 Hz, 1400 × 1050 @ 60 Hz, 1600 × 1200 @ 60 Hz, 1920 × 1080 @ 50 Hz, 1920 × 1080 @ 60 Hz, 1920 × 1200 @ 60 Hz, 3840 × 2160 @ 30 Hz, Only No. 1 and 3 interfaces support 3840 × 2160 @ 30 Hz <b>Interface</b> 4 × DVI interface	
<b>VGA Output Board (DS-C10S-V04T)</b>	<b>DVI Output Resolution</b> 1024 × 768 @ 60 Hz, 1024 × 768 @ 75 Hz, 1360 × 768 @ 60 Hz, 1400 × 1050 @ 60 Hz, 1920 × 1200 @ 60 Hz, 720p @ 60 Hz, 1080p @ 60 Hz <b>Interface</b> 4 × VGA interface	
<b>HDMI Output Board (DS-C10S-H04T)</b>	<b>VGA Output Resolution</b> 1024 × 768 @ 60 Hz, 1024 × 768 @ 75 Hz, 1360 × 768 @ 60 Hz, 1400 × 1050 @ 60 Hz, 1920 × 1200 @ 60 Hz, 720p @ 60 Hz, 1080p @ 60 Hz <b>Interface</b> The DVI to VGA adaptor is required for VGA output. 4 × HDMI interface	
<b>Others</b>	<b>HDMI Output Resolution</b> 1024 × 768 @ 60 Hz, 1024 × 768 @ 75 Hz, 1360 × 768 @ 60 Hz, 1400 × 1050 @ 60 Hz, 1920 × 1200 @ 60 Hz, 720p @ 60 Hz, 1080p @ 60 Hz <b>Power Supply</b> 100 to 240 VAC, 50 or 60 Hz <b>Consumption</b> ≤ 250 W [full-loaded] <b>Working Temperature</b> +0° C to +50° C [+32° F to +122° F] <b>Working Humidity</b> 10% to 90% [non-condensing] <b>Chassis</b> Standard 4U chassis <b>Dimension</b> 352 × 177 × 442.4 mm [13.9 × 7 × 17.4 inch] <b>Weight</b> ≤ 20 kg [full-loaded]	<b>Power Supply</b> A built-in power supply <b>Consumption</b> ≤ 450 W [full-loaded] <b>Working Temperature</b> +0° C to +50° C [+32° F to +122° F] <b>Working Humidity</b> 10% to 90% [non-condensing] <b>Chassis</b> Standard 8U chassis <b>Dimension</b> 352 × 354 × 442.4 mm [13.9 × 13.9 × 17.4 inch] <b>Weight</b> ≤ 35 kg [full-loaded]

# Software

- 117 HikCentral Professional
- 118 HikCentral Enterprise - Commercial
- 119 HikCentral Master
- 120 Blazer Pro

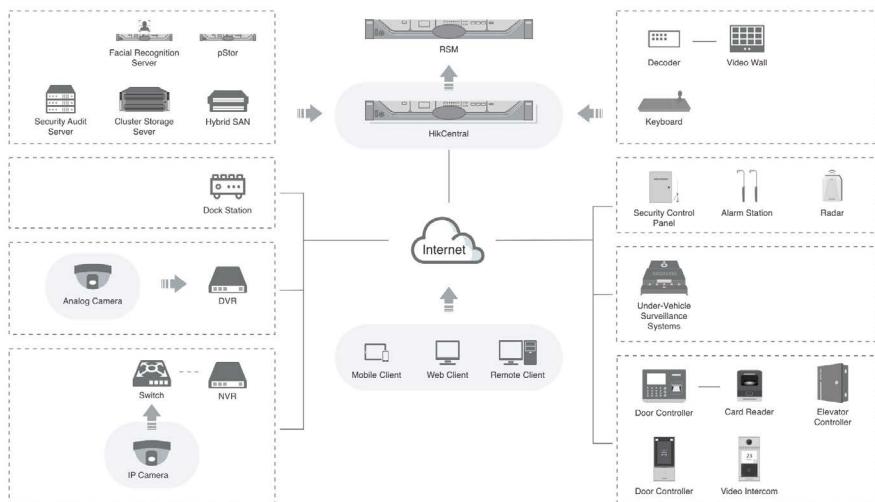


# HikCentral Professional

## One-Stop Solution for All Your Security Needs

HikCentral Professional integrates video security, access control, entrance and exit management, time and attendance, alarm, operations and maintenance, open API functions, and so on. It supports standalone deployment, distributed deployment, and Remote Site Management (RSM). What's more, it can provide an intelligent, centralized, and scalable security management platform for multiple application scenarios.

- Enjoy a more intuitive experience and more visual control with auto-adapting window division.
- Use Visual Tracking to enable detailed and easy tracking of the complete moving process, and supports exporting a complete action video of a specified target.
- Enjoy end-to-end video file management from multiple search methods and several export methods to SFTP-based cross-client evidence management.
- Seamlessly integrate video clients, easily drag and drop to view thousands of cameras across various sites on multiple video walls.
- Grant employees and visitors access credentials via cards, fingerprints, face images, and QR codes.
- Easily integrate attendance data with third-party system and automatically generate reports in multiple formats.
- Uniformly monitor and control the status of overall access points or part of access points in a specified group.
- Get quick and accurate error diagnoses of system and devices with health monitoring.



Software	
<b>System Architecture</b>	Server / Web Client / PC Client / Mobile APP
<b>OS</b>	Microsoft® Windows 7 SP1 [64-bit] Microsoft® Windows 8.1 [64-bit] Microsoft® Windows 10 [64-bit] Microsoft® Windows Server 2008 R2 SP1 / 2012 / 2012 R2 / 2016 / 2019 [64-bit] Internet Explorer 10/11 and above
<b>Browser</b>	Chrome 61 and above Firefox 57 and above Safari 11 and above (running on Mac OS X 10.3/10.4)
<b>Database</b>	PostgreSQL V9.6.13
<b>Supported Language</b>	25 languages: English, 简体中文 (Simplified Chinese), Русский (Russian), Български (Bulgarian), Magyar (Hungarian), Deutsch (German), Italiano (Italian), Čeština (Czech), Français (French), Polski (Polish), Nederlands (Dutch), Português (Portuguese), Português (Portuguese), Español (Spanish), Dansk (Danish), Suomi (Finnish), Türkçe (Turkish), 한국어 (Korean), 繁體中文 (Traditional Chinese), ไทย (Thai), Tiếng Việt (Vietnamese), 日本語 (Japanese), Arabic (Arabic), Українська (Ukrainian), Hebrew

Hardware	
<b>CPU</b>	Intel® Core™ i5-4590 @ 3.30 GHz 3.30 GHz
<b>Memory</b>	8 GB
<b>HDD</b>	At least 650 GB
HikCentral Professional Maximum Performance	
<b>General</b>	Managed Devices
	Centralized Deployment: 1,024 Distributed Deployment: 2,048
<b>Users and Roles</b>	Areas
	3,000
<b>Person</b>	Users
	3,000
<b>Video Surveillance</b>	Roles
	3,000
<b>Face Comparison</b>	Persons
	50,000
<b>Access Control</b>	Cards
	250,000
<b>Visitor</b>	Fingerprints
	200,000
<b>Time &amp; Attendance</b>	Faces
	50,000 Centralized Deployment: 3,000 Distributed Deployment: 10,000
<b>Entrance &amp; Exit</b>	Cameras
	Central System (RSM): 100,000
<b>Alarm</b>	Decoding Devices
	32
<b>Face Comparison</b>	Smart Walls
	32
<b>Access Control</b>	Screens per Video Wall
	6 × 10 Centralized Deployment: 2,000
<b>Visitor</b>	Persons with Profiles for Face Comparison
	Distributed Deployment: 10,000 Central System (RSM): 1,000,000
<b>Time &amp; Attendance</b>	Face Comparison Groups
	64
<b>Entrance &amp; Exit</b>	Access Points
	512
<b>Alarm</b>	Access Schedules
	32
<b>Visitor</b>	Visitors
	10,000
<b>Time &amp; Attendance</b>	Shift Schedules
	128
<b>Entrance &amp; Exit</b>	Attendance Reports
	15
<b>Alarm</b>	Parking Spaces
	10,000
<b>Access Control</b>	Parking Lots
	1
<b>Visitor</b>	Lanes
	8
<b>Time &amp; Attendance</b>	Alarms
	60 million
<b>Entrance &amp; Exit</b>	Alarms Sent to All Clients
	120/s

\* Scan QR Code to get detail datasheet.

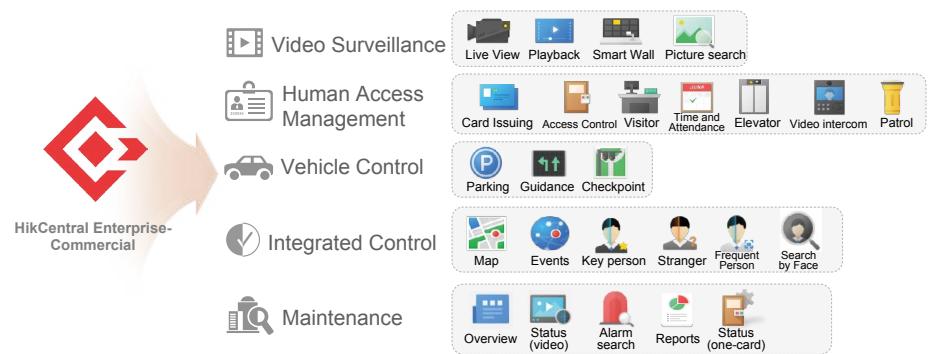


# HikCentral Enterprise - Commercial

## Platform Solution Tailored for Commercial Buildings

HikCentral Enterprise - Commercial is a video-based platform software focused on commercial real estate, providing video security, access control, video intercom, alarm, operations and maintenance support, parking lot management, and other functions through centralized management, multiple applications, and intelligent analytics.

- Video-Based Security – Through various functional modules for live view, playback, smart video wall, and PTZ control, the system helps users complete daily security inspections and monitoring.
- Access Control – An integrated system includes access control, elevator control, visitor management, video intercom, patrols, and other functions to help users manage the access permissions of various personnel and formulate patrol tasks.
- Vehicle Control – Entrance and exit management, parking lot management, parking guidance, checkpoint violation management, etc., constitute a vehicle control system to help users build their own parking payment and violation management system.
- Event Management – Highly flexible event & alarm modules and a powerful map-based monitoring module can help users take precautions before an event occurs, and even intervene in an event in real time. Intelligent event search functions facilitate post-event investigations
- Operation and Maintenance – Users can check the status of various devices and services in real time, troubleshooting and repairing in a timely manner wherever and whenever needed.



Software	
<b>System Architecture</b>	Server / Web Client / PC Client / Mobile APP
<b>OS for Server</b>	CentOS 7.2 64 bit / CentOS 7.4 64 bit / CentOS 7.6 64 bit
<b>OS for Client</b>	Microsoft® Windows 7 (32/64 bit)
<b>Browser</b>	Microsoft® Windows 10 (64 bit) Internet Explorer 11 and above Chrome 63.0.3239.108 and above
<b>Supported Language</b>	2 languages: English, 简体中文 (Simplified Chinese) (Ukrainian), (Hebrew)

Hardware	
<b>CPU</b>	CPU: 2.1G, 8C/16T
<b>Memory</b>	32 GB
<b>HDD</b>	HDD: 1T SATA x 2, 3.5" Enterprise SATA 7.2k HDDs
<b>NIC</b>	1GbE * 4

HikCentral Enterprise-Commercial Maximum Performance		
	Items	Max Performance
<b>General</b>	<b>Organizations</b>	50,000
	<b>Areas</b>	20,000
	<b>Users</b>	200,000
<b>Users and Roles</b>	<b>Roles</b>	10,000
	<b>Channels for Video Surveillance</b>	100,000
<b>Video Surveillance</b>	<b>Smart Walls</b>	10
	<b>Screens per Video Wall</b>	25 * 25
<b>Person</b>	<b>Persons</b>	300,000
	<b>Cards</b>	300,000
<b>Event &amp; Alarm</b>	<b>Event Storage</b>	72,000,000
	<b>Simultaneous Events</b>	300/s
<b>Access Control</b>	<b>Access Devices</b>	20,000
	<b>Elevator Control Devices</b>	500
<b>Parking</b>	<b>People for Attendance</b>	200,000
	<b>Parking Lots</b>	20
	<b>Lanes</b>	60
	<b>Parking Spaces</b>	10,000

\* Scan QR Code to get detail datasheet.



Network Camera  
PTZ Dome Camera  
Panoramic Camera  
Explosion-Proof & Anti-Corrosion Series  
NVR  
Storage Center  
Thermal Display  
Commercial Decoder  
Controller Video Wall Software Accessories DORI Distance

# HikCentral Master

## Comprehensive Solution with Unlimited Expandability

HikCentral Master is an application platform designed for immense, highly-available distribution of devices and services across multiple locations. Integrating AI, AR, big data, and other capabilities under the AI-Cloud architecture. HikCentral Master supports a virtually unlimited number of devices, users, and sites to meet a diversity of needs for data storage, analysis, and application.

### Intelligent Platform Management

- Supports non-stop installation, parameter configuration, server monitoring, and log analysis
- Supports cluster management and authorization management

**Intelligent Applications** – Integrating multiple function and application software, the platform extends its applications from video security to those based on AI algorithms, such as ANPR and facial recognition. This makes the platform applicable to scenarios such as city surveillance and intelligent transportation.

### Intelligent Scheduling

- Supports dynamic scheduling of computer resources based on the integrated management of computers
- Supports accessing multiple types of storage devices and integrates their management
- Compatible with devices from multiple manufacturers and multiple algorithms versions

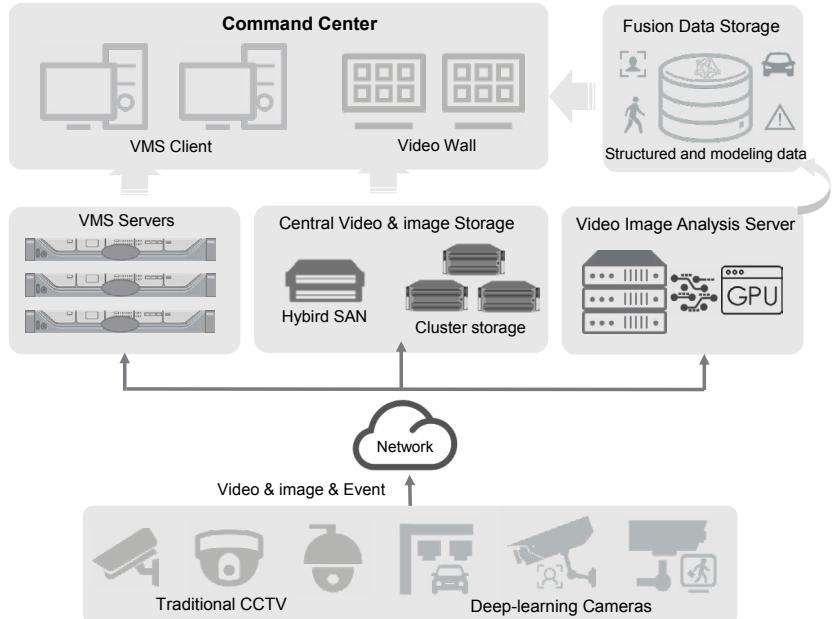
**Open Platform** – Supports integration with third-party infrastructure, data, platforms, and applications based on open standards.

**Comprehensive Security Mechanism** – Provides security mechanisms for devices, networks, host computers, data, and applications, and supports multiple security control schemes.

### Extensibility and Scalability

- Supports expanding the service capacities such as the maximum number of added devices, streaming storage, events, and data libraries.
- Increases capacity and stability by distributed deployment.

**Multiple Usage Scenarios** – Supports assembling various modules into bespoke platforms based on specific usage scenarios.



## HikCentral Master

### What HikCentral Master can do for you ?

<b>Video Center</b>	Through video inspection, electronic map, video analysis and other technologies, the system can realize video real-time viewing and query, and conduct video map applications and analysis.
<b>Multidimensional Data Fusion</b>	With the functions of fusion search, face search, vehicle search and human body search basing on big data technology, the system can conduct fast query and advanced search on people and vehicles, so as to help users quickly determine personnel and vehicle information.
<b>Intelligent Data Applications</b>	Through AI and big data technology, the system can realize various face tactical functions such as peer analysis, personnel landing, and frequent passing, as well as vehicle tactical functions such as trajectory search, regional collision, and vehicle landing analysis.
<b>Alarm Arming</b>	By target arming and alarm query function, the system can realize arming on the vehicles and people, and configure corresponding alarm rules and linkage rules.
<b>Statistics Center</b>	Through face data statistics, vehicle data statistics, human data statistics and other big data storage and analysis technologies, the system can graphically display the multi-dimensional data friendly.
<b>Video Maintenance and Operation &amp; Management Center</b>	The video maintenance module can achieve intelligent real-time monitoring of the system video running status through cameras online status detection, video content diagnosis and video record inspection. The operation & management center, as an integrator of background services, provides integration capabilities for configuration, logging, and monitoring. It can integrate the component's own monitoring and configuration interface, and provides a single sign-on service for the operation management center.
<b>AR Application</b>	Through AR technology, various images, videos, 3D models, etc. are superimposed on the AR PanoVu camera's view in real time to realize functions such as video labeling, video planning, high-high linkage, high-low linkage, etc., providing a more intuitive and flexible central command and management way.

# Blazer Pro

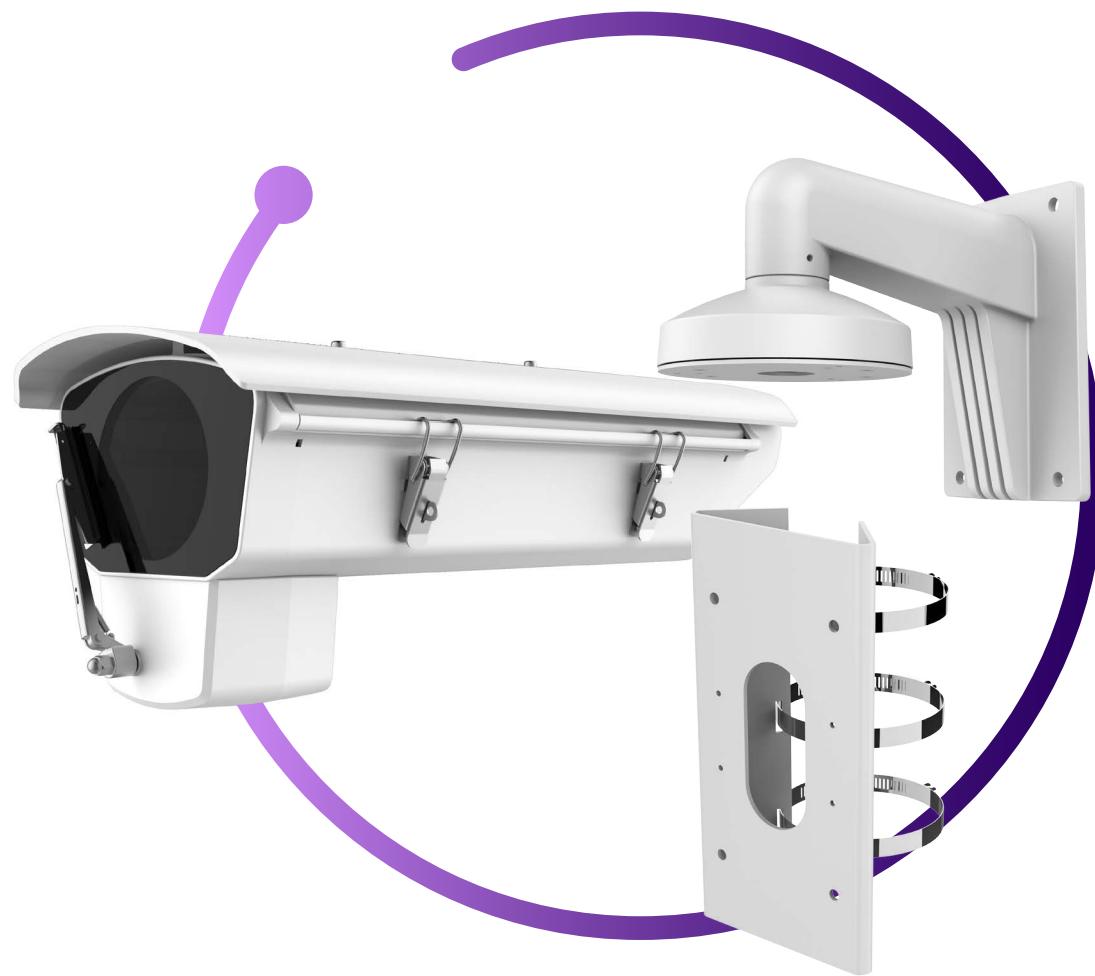
## A Powerful, Convenient and Fail-Proof VMS Recorder

- All-in-one recorder with powerful VMS and data storage in one unit
- Dual board design for risk isolation and better reliability – in case of VMS server board failure, storage board works independently and recording, preview and playback functions are not affected
- Supports facial recognition, access control, centralized video management, and business intelligence functions such as people counting, queue detection, etc.
- Certifications: CE / CB / FCC / ICES / UL



Model	Blazer Pro /256/16H	Blazer Pro /128/16H
<b>Image</b>		
<b>Processor</b>	Intel® Xeon® Quad-Core [64-bit] E3-1225 V5 CPU @ 3.30GHz	Intel® Xeon® Quad-Core [64-bit] E3-1225 V5 CPU @ 3.30GHz
<b>Operating System</b>	Microsoft® Windows 10 [pre installed with HikCentral V1.3] Optional: Microsoft® Windows Server 2012 R2 [preinstalled with HikCentral V1.3]	Microsoft® Windows 10 [pre-installed with HikCentral V1.3] Optional: Microsoft® Windows Server 2012 R2 [preinstalled with HikCentral V1.3]
<b>Memory</b>	4 × DDR4 slots, 8 GB	4 × DDR4 slots, 8 GB
<b>Hardware Platform</b>	-	-
<b>No. of Channels</b>	256-ch	128-ch
<b>Decoding Format</b>	H.265, H.265+, H.264, H.264+, MPEG4, MJPEG [for Hikvision network camera only]	H.265, H.265+, H.264, H.264+, MPEG4, MJPEG [for Hikvision network camera only]
<b>Incoming/Outgoing Bandwidth</b>	768/768 Mbps	576/512 Mbps
<b>Decoding Capacity</b>	20 × 1080p [H.264 & H.265]	20 × 1080p [H.264 & H.265]
<b>Recording Resolution</b>	12 MP / 8 MP / 7 MP / 6 MP / 5 MP / 4 MP / 3 MP / 1080p / UXGA / 720p / VGA / 4CIF / DCIF / 2CIF / CIF / QCIF	12 MP / 8 MP / 7 MP / 6 MP / 5 MP / 4 MP / 3 MP / 1080p / UXGA / 720p / VGA / 4CIF / DCIF / 2CIF / CIF / QCIF
<b>Display</b>	2 HDMI / 1 VGA	2 HDMI / 1 VGA
<b>Video Output</b>	HDMI: 2-ch [independent output] 4K (4096 × 2160), 4K (3840 × 2160) @ 30 Hz, 2K (2560 × 1440) @ 60 Hz, 1080p (1920 × 1080) @ 60 Hz, UXGA (1600 × 1200) @ 60 Hz, SXGA (1280 × 1024) @ 60 Hz, 720p (1280 × 720) @ 60 Hz, XGA (1024 × 768) @ 60 Hz  VGA: 1-ch 1080p (1920 × 1080) @ 60 Hz, UXGA (1600 × 1200) @ 60 Hz, SXGA (1280 × 1024) @ 60 Hz, 720p (1280 × 720) @ 60 Hz, XGA (1024 × 768) @ 60 Hz	HDMI: 2-ch [independent output] 4K (4096 × 2160), 4K (3840 × 2160) @ 30 Hz, 2K (2560 × 1440) @ 60 Hz, 1080p (1920 × 1080) @ 60 Hz, UXGA (1600 × 1200) @ 60 Hz, SXGA (1280 × 1024) @ 60 Hz, 720p (1280 × 720) @ 60Hz, XGA (1024 × 768) @ 60 Hz  VGA: 1-ch 1080p (1920 × 1080) @ 60 Hz, UXGA (1600 × 1200) @ 60 Hz, SXGA (1280 × 1024) @ 60 Hz, 720p (1280 × 720) @ 60 Hz, XGA (1024 × 768) @ 60 Hz
<b>Storage Capacity</b>	16 SATA interfaces Up to 10 TB for each HDD	16 SATA interfaces Up to 10 TB for each HDD
<b>eSATA / Mini SAS</b>	1 eSATA interface Optional: 2 mini SAS interface	1 eSATA interface Optional: 2 mini SAS interface
<b>RAID Type</b>	RAID 0, RAID 1, RAID 5, RAID 6, RAID 10	RAID 0, RAID 1, RAID 5, RAID 6, RAID 10
<b>Video Output</b>	1-ch, RCA [2.0 Vp-p, 1 kΩ]	1-ch, RCA [2.0 Vp-p, 1 kΩ]
<b>Audio Output</b>	1-ch, RCA [2.0 Vp-p, 1 kΩ]	1-ch, RCA [2.0 Vp-p, 1 kΩ]
<b>Alarm I/O</b>	16/8	16/8
<b>Network Interface</b>	4 × RJ-45 10/100/1000 Mbps self-adaptive Ethernet interfaces	4 × RJ-45 10/100/1000 Mbps self-adaptive Ethernet interfaces
<b>PoE Port</b>	-	-
<b>USB Port</b>	Front Panel: 2 × USB 2.0; Rear Panel: 2 × USB 3.0 + 2 × USB 3.0;	Front Panel: 2 × USB 2.0; Rear Panel: 2 × USB 3.0 + 2 × USB 3.0;
<b>Smart Function</b>	Face detection, behavior analysis, people counting and heat map	Face detection, behavior analysis, people counting and heat map
<b>Power Consumption (without HDD)</b>	≤ 300 W	≤ 300 W
<b>Chassis</b>	3U chassis of thick galvanized steel	3U chassis of thick galvanized steel
<b>Description</b>	-	-

# Accessories



## Recommended brackets for Hikvision IP camera

			Indoor	Indoor housing	Outdoor housing	
	DS-2CD4C26FWD-[A][P] DS-2CD4C36FWD-[A][P] DS-2CD4026FWD-A/P					
	DS-2CD3823G0	Pendant mount  DS-1299ZJ	Wall mount  DS-1292ZJ	Indoor housing  DS-1332HZ	Indoor housing  DS-1330HZ	Outdoor housing  DS-1331HZ series
	DS-2CD5026G0-[AP] DS-2CD5046G0-[AP] DS-2CD5065G0-[AP] DS-2CD5085G0-[AP] DS-2CD50C5G0-[AP] DS-2CD7026G0/[P]-[AP] DS-2CD7046G0-[AP] DS-2CD7085G0-[AP]	Hik white Aluminum alloy 77 × 77 × 198 mm 165 g	Hik white Aluminum alloy 70 × 97.1 × 217.9 mm 201 g	Hik white Aluminum alloy 288 × 149 × 100 mm 800 g	Hik white Complex fiber 290 × 142 × 92 mm 640 g	Three-axis adjustment Containing combined wires and fan IK10

Network Camera	PTZ Dome Camera	Panoramic Camera	Explosion-Proof & Anti-Corrosion Series	NVR	Network Storage	Data Center
Commercial Display	Decoder	Video Wall Controller	Software Distance			

**Recommended brackets for Hikvision IP camera**

 <b>DS-2CD5028G0/E-HI</b>	 <b>DS-1293ZJ-P</b> Wall mount Platinum gray Aluminum alloy 88 x 116.6 x 297.3 mm 473 g	 <b>DS-1269ZJ-P</b> Pendant mount Platinum gray Aluminum alloy 493 x 246 x 88 mm 480 g	 <b>DS-1214ZJ-TP</b> Horizontal pole mount Platinum gray Steel (mounting board) & Stainless Steel (clamp) 6200 g	 <b>DS-1233ZJ-P</b> Column mount Platinum gray Steel Ø160 x 1093 mm 6200 g
	 <b>DS-1232ZJ-P</b> Cardan joint Platinum gray Steel 126 x 103.5 x 83 mm 790 g	 <b>DS-1232ZJ-TP</b> Cardan joint Platinum gray Steel 96 x 95 x 92.5 mm	 <b>DS-1275ZJ-P-SUS</b> Vertical pole mount Platinum gray Stainless steel 127 x 46 x 250 mm (5" x 1.81" x 9.84") 1480 g (3.26 lb.) Match up with wall mount (DS-1293ZJ-XX)	 <b>DS-1275ZJ-SUS</b> Vertical pole mount Hikvision white Stainless steel 127 mm x 46 mm x 250 mm (5" x 1.81" x 9.84") 1480 g (3.26 lb.) Match up with wall mount (DS-1293ZJ-XX(B))

**Recommended brackets for Hikvision IP camera**

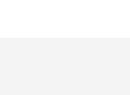
DS-2CD5026G0/E-(H) DS-2CD7026G0/EP-(H)	 DS-1293ZJ Wall mount  Hik white Aluminum alloy 88 × 116.6 × 297.3mm 473 g	 DS-1214ZJ Horizontal pole mount  Hik white Steel (mounting board) & Stainless steel (clamp) 117 × 226 × 194 mm Diameter of clamp: Ø67-127 mm 1895 g	 DS-1275ZJ-SUS Vertical pole mount  Hikvision white Stainless steel 127 mm × 46 mm × 250 mm [5" × 1.81" × 9.84"] 1480 g (3.26 lb.) Match up with wall mount [DS-1293ZJ, DS-2202ZJ]	 DS-1269ZJ Pendant mount  Hik white Aluminum alloy 493 × 246 × 88 mm 480 g
DS-1233ZJ	 DS-1233ZJ Column mount  Hik white Steel Ø160 × 1093 mm 6200 g	 DS-1276ZJ-SUS Corner mount  Hik white Stainless steel 126 × 105 × 250 mm 2280 g Match up with wall mount [DS-1293ZJ, DS-2202ZJ]	 DS-1674ZJ Junction box  Hikvision white Aluminum alloy 310 mm × 208.9 mm × 89 mm [12.20" × 8.22" × 3.50"] 2380 g (5.25 lb.)	 DS-2202ZJ Wall mount  Hikvision white Aluminum alloy ADC12 300.7 mm × 250.2 mm × 107.9 mm [9.85" × 9.85" × 4.25"] 1250 g (2.76 lb.)

**Recommended brackets for Hikvision IP camera**

							
		DS-1293ZJ	DS-1214ZJ	DS-1275ZJ-SUS	DS-1269ZJ	DS-1233ZJ	DS-1276ZJ-SUS
DS-2CD6026FWD/E-(H) DS-2CD6233F/E-(H)(IR5)(IRA)							
DS-2CD4035FWDE -(H)(IR5)(RA)(HIR5)(HIRA)							
DS-2CD4065FE -(H)(IR5)(RA)(HIR5)(HIRA)	Wall mount		Horizontal pole mount	Vertical pole mount	Pendant mount	Column mount	Corner mount
DS-2CD4085FE -(H)(IR5)(RA)(HIR5)(HIRA)							
DS-2CD4026FWDE -(H)(IR5)(RA)							
DS-2CD4026FWD/P-L DS-2CD4026FWD/P -(IR5)(RA)(IRRA)(HIRA)(B)							
Hik white Aluminum alloy 88 × 116.6 × 297.3 mm 473 g	Hik white Steel(mounting board) & Stainless steel (clamp) 117 × 226 × 194 mm Diameter of clamp: Ø67-127mm 1895 g	Hikvision white Stainless steel 127 mm × 46 mm × 250 mm [5" × 1.81" × 9.84"] 1480 g [3.26 lb.] Match up with wall mount (DS- 1293ZJ-XX(B))	Hik white Aluminum alloy 493 × 246 × 88 mm 480 g	Hik white Steel Ø160 × 1093 mm 6200 g	Hik white Stainless steel 126 × 105 × 250 mm 2280 g Match up with wall mount (DS- 1293ZJ-XX)		

Recommended brackets for Hikvision IP camera			
	DS-2CD6412FWD-10/11/20/21/30/31	 DS-1290ZJ-BL Clamp bracket	 DS-1291ZJ-BL Desktop/Pendant mount
	DS-2CD6424FWD-10/20/30/40(E1/E2)	Black Plastic 90 x 70 x 22 mm	Black Plastic 87 x 73 x 73 mm

Recommended brackets for Hikvision IP camera		
	DS-2CD3063GO-I DS-2CD3043GO-I DS-2CD3023GO-I	 DS-1280ZJ-XS
	DS-2CD3063GO-I DS-2CD3043GO-I DS-2CD3023GO-I	Junction box
	DS-2CD3021GO-II(U) DS-2CD3041GO-I	Hik white Aluminum alloy Ø100 x 43.2 x 129 mm 320 g

Recommended brackets for Hikvision IP camera					
		Indoor/Outdoor	Outdoor		
 	DS-2CD4A26FWD-(IZP)(IZSP) (IZHSPI)(IZSP) DS-2CD4A45G0-I(ZHS) DS-2CD4B45G0-IZS DS-2CD4B25G0-IZS DS-2CD4B36FWD-(IZS) DS-2CD4B26FWD-IZS	 DS-1275ZJ-SUS Vertical pole mount  Hikvision white Stainless steel 127 mm x 46 mm x 250 mm (5" x 1.81" x 9.84") 1480 g (3.26 lb.)	 DS-1276ZJ-SUS Corner mount  Hik white Stainless steel 126 x 105 x 250 mm (5.67" x 5.18" x 1.74") 2280 g	 DS-1275ZJ-S-SUS Vertical pole mount  Hik white Stainless steel 144 mm x 131.6 mm x 44.3 mm (5.67" x 5.18" x 1.74") 760 g (1.68 lb.)	Rubber sleeve
				 Rubber sleeve with weather proof	
				 Hik white rubber	

Recommended brackets for Hikvision IP camera					
					
 DS-2CD3663G0-I	DS-2CD3643G0-I DS-2CD3623G0-I DS-2CD3685G0-I DS-2CD3665G0-I DS-2CD3645G0-I DS-2CD3625G0-I	DS-1475ZJ-SUS	DS-1476ZJ-SUS	DS-1275ZJ-S-SUS	DS-2251ZJ
 DS-2CD3683G1-I	DS-2CD3663G1-I DS-2CD3643G1-I DS-2CD3623G1-I DS-2CD3685G1-I DS-2CD3665G1-I DS-2CD3645G1-I DS-2CD3625G1-I	Vertical pole mount	Corner mount	Vertical pole mount	Column mount
 DS-2CD5A26G0-I DS-2CD5A46G0-I DS-2CD5A65G0-I DS-2CD5A85G0-I DS-2CD5AC5G0-I DS-2CD7A26G0/P-I DS-2CD7A46G0/P-I DS-2CD7A85G0-I DS-2CD5A26G1-I DS-2CD5A46G0-UH DS-2CD5A46G1-I DS-2CD5A85G1-I	Hik white Stainless steel 250 mm × 127 mm × 46 mm Diameter of clamp: Ø67-127 mm 1205 g	Hik white Stainless steel 126 × 105 × 250 mm 2280 g	Hik white Stainless steel 144 mm × 131.6 mm × 44.3 mm (5.67" × 5.18" × 1.74") 760 g (1.68 lb.)	Hikvision white Alloy Ø 250 mm × 1570.08 mm (Ø 9.84" × 61.81") Approx. 3308 g (7.29 lb.)	
 DS-2CD7A26G0/P-L					

Recommended brackets for Hikvision IP camera			
 DS-2CD5A26G0-I[H]SY DS-2CD5A46G0-I[H]SY DS-2CD7A26G0-I[H]SY DS-2CD7A46G0-I[H]SY	 DS-1475ZJ-Y Vertical pole mount  Hik white Stainless steel 250 mm × 127 mm × 46 mm Diameter of clamp: Ø67-127 mm 1205 g	 DS-1476ZJ-Y Corner mount  Hik white Stainless steel 126 X 105 X 250 mm 2280 g	

Recommended brackets for Hikvision IP camera			
 DS-2CD4626FWD-I[H][S]/P	 DS-1275ZJ-4626 Vertical pole mount  iDS-2CD8626G0/P-IZS[Y]		

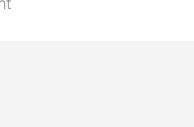
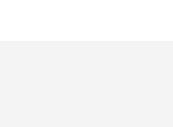
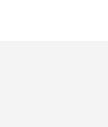
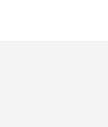
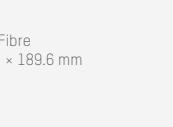
Recommended brackets for Hikvision IP camera			
 DS-2CD3T63G0-2I/4I[S] DS-2CD3T43G0-2I/4I[S] DS-2CD3T23G0-2I/4I[S]	 DS-1275ZJ-SUS Vertical pole mount  Hikvision white Stainless steel 127 mm × 46 mm × 250 mm [5" × 1.81" × 9.84"] 1480 g (3.26 lb.)	 DS-1276ZJ-SUS Corner mount  Hik white Stainless steel 126 × 105 × 250 mm 2280 g	 DS-1275ZJ-S Vertical pole mount  Hik white Stainless steel 144 mm × 131.6 mm × 44.3 mm [5.67" × 5.18" × 1.74"] 760 g (1.68 lb.)

**Recommended brackets for Hikvision IP camera**

 <b>DS-2CD7126G0-I2S</b> <b>DS-2CD7126G0/L-I2S</b> <b>DS-2CD7146G0-I2S</b> <b>DS-2CD7185G0-I2S</b> <b>DS-2CD5126G0-I2S</b> <b>DS-2CD5146G0-I2S</b> <b>DS-2CD5185G0-I2S</b> <b>DS-2CD51CSG60-I2S</b>	 <b>DS-1271ZJ-130</b> Pendant mount	 <b>DS-1273ZJ-130</b> Wall mount	 <b>DS-1273ZJ-130B</b> Wall mount	 <b>DS-1227ZJ</b> In-ceiling mount	 <b>DS-1275ZJ-SUS</b> Vertical pole mount	 <b>DS-1276ZJ-SUS</b> Corner mount	 <b>DS-1281ZJ-DM23</b> Inclined ceiling mount
	Hik white Aluminum alloy Ø150 × 565 mm 1900 g	Hik white Aluminum alloy 132 × 183.5 × 228.5 mm 690 g	Hik white Aluminum alloy with junction box 132 × 243 × 288.5 mm 1475 g	Hik white Aluminum alloy & ABS Plastic Ø210 × 90 mm 540 g	Hikvision white Stainless steel 127 mm × 46 mm × 250 mm [5" × 1.81" × 9.84"] 1480 g (3.26 lb.) Match up with wall mount [DS-1273ZJ-XX(B)]	Hik white Stainless steel 126 X105 X 250 mm 2280 g Match up with wall mount [DS-1273ZJ-XX(B)]	Hik white Aluminum alloy Ø136 × 48 mm 245 g

**Recommended brackets for Hikvision IP camera**

 <b>DS-2CD3545G0-IS</b> <b>DS-2CD3525G0-IS</b>	 <b>DS-1272ZJ-120</b> Wall mount	 <b>DS-1271ZJ-120</b> Pendant mount	 <b>DS-1276ZJ-SUS</b> Corner mount	 <b>DS-1280ZJ-DM46</b> Junction box	 <b>DS-1275ZJ-SUS</b> Vertical pole mount	 <b>DS-1272ZJ-120B</b> Wall mount
	Hik white Aluminum alloy 120 × 122 × 173.5 mm 430 g	Hik white Aluminum alloy Ø150 × 573 mm 1900 g	Hik white Stainless steel 126 X105 X 250 mm 2280 g Match up with wall mount [DS-1272ZJ-XX(B)]	Hik white Aluminum alloy Ø 120 mm × 37.2 mm (Ø 4.72" × 1.46") 250 g	Hikvision white Stainless steel 127 mm × 46 mm × 250 mm (5" × 1.81" × 9.84") 1480 g (3.26 lb.) Match up with wall mount [DS-1272ZJ-XX(B)]	Hik white Aluminum alloy with junction box 123 × 180 × 223 mm 1225 g

Recommended brackets for Hikvision IP camera						
 <b>DS-2CD3163G0-I(S)</b>	 <b>DS-1259ZJ</b> Inclined ceiling mount	 <b>DS-1271ZJ-110</b> Pendant mount	 <b>DS-1272ZJ-110</b> Wall mount	 <b>DS-1272ZJ-110B</b> Wall mount	 <b>DS-1276ZJ-SUS</b> Corner mount	 Hik white ABS plastic Ø111 × 39.2 mm 200 g
 <b>DS-2CD3121G0-I</b>	 <b>DS-1280ZJ-DM18</b> Junction box	 <b>DS-1258ZJ</b> Wall mount	 <b>DS-1250ZJ</b> Rain shade	 <b>DS-1275ZJ-SUS</b> Vertical pole mount	 Hik white Stainless steel 126 X 105 X 250 mm 2280 g Match up with wall mount [DS-1272ZJ-XX(B)]	 Hik white Aluminum alloy Ø115.4 × 43.8 mm 450 g
 <b>DS-2CD3141G0-I</b>	 Hik white ABS plastic Ø115.4 × 43.8 mm 450 g	 <b>DS-1258ZJ</b> Wall mount	 <b>DS-1250ZJ</b> Rain shade	 <b>DS-1275ZJ-SUS</b> Vertical pole mount	 Hik white Stainless steel 127 mm × 46 mm × 250 mm [5" × 1.81" × 9.84"] 1480 g (3.26 lb.) Match up with wall mount [DS-1272ZJ-XX(B)]	 Hik white Composite Fibre 264.7 × 152 × 189.6 mm 199 g

Recommended brackets for Hikvision IP camera						
 	<b>DS-2CD3185G0-IMS</b> <b>DS-2CD3125G0-IMS</b>	 <b>DS-1272ZJ-120-TR15</b>	 <b>DS-1272ZJ-120B</b>	 <b>DS-1271ZJ-120</b>	 <b>DS-1276ZJ-SUS</b>	 <b>DS-1275ZJ-SUS</b>
		Wall mount	Wall mount	Pendant mount	Corner mount	Vertical pole mount
Hikvision White Aluminium Alloy 120 mm × 122 mm × 173 mm [4.72" × 4.80" × 6.81"] Approx. 460 g (1.01 lb.)		Hik white Aluminum alloy with junction box 123 × 180 × 223 mm 1225 g		Hik white Aluminum alloy $\Phi 150 \times 573$ mm 1900 g		Hikvision white Stainless steel 127 mm × 46 mm × 250 mm [5" × 1.81" × 9.84"] 2280 g Match up with wall mount [DS-1272ZJ-XX(B)]  Match up with wall mount [DS-1272ZJ-XX(B)]

Recommended brackets for Hikvision IP camera							
      	<b>DS-2CD3765G1-I(Z)S</b> <b>DS-2CD3745G1-I(Z)S</b> <b>DS-2CD3725G1-I(Z)S</b> <b>DS-2CD3783G1-I(Z)S</b> <b>DS-2CD3763G1-I(Z)S</b> <b>DS-2CD3743G1-I(Z)S</b> <b>DS-2CD3723G1-I(Z)S</b>	 <b>DS-1471ZJ-155</b>	 <b>DS-1473ZJ-155</b>	 <b>DS-1475ZJ-SUS</b>	 <b>DS-1473ZJ-155B</b>	 <b>DS-1476ZJ-SUS</b>	 <b>DS-1227ZJ-DM37</b>
		Pendant mount	Wall mount	Vertical pole mount	Wall mount	Corner mount	In-ceiling mount
Hik white Aluminum alloy $\Phi 155 \times 150 \times 565$ mm		Hik white Aluminum alloy $155 \times 183.5 \times 240$ mm		Hik white Stainless steel $250 \text{ mm} \times 127 \text{ mm} \times 46 \text{ mm}$ Diameter of clamp: Ø67-127 mm 1205 g Match up with wall mount [DS-1473ZJ-XX(B)]		Hik white Aluminum alloy $243 \times 123 \times 300$ mm 1750 g (3.86 lb.) Match up with wall mount [DS-1473ZJ-XX(B)]	Hik white Stainless steel $126 \times 105 \times 250$ mm 2280 g Match up with wall mount [DS-1473ZJ-XX(B)]

			Recommended brackets for Hikvision IP camera							
										
			DS-1471ZJ-155	DS-1473ZJ-155	DS-1475ZJ-SUS	DS-1280ZJ-DM55	DS-1473ZJ-155B	DS-1476ZJ-SUS	DS-1227ZJ-DM44	
DS-2CD3785G1-I(Z)(S) DS-2CD3765G1-I(Z)(S) DS-2CD3745G1-I(Z)(S) DS-2CD3725G1-I(Z)(S) DS-2CD3783G1-I(Z)(S) DS-2CD3763G1-I(Z)(S) DS-2CD3743G1-I(Z)(S) DS-2CD3723G1-I(Z)(S)	Pendant mount	Wall mount	Vertical pole mount	Junction box	Wall mount	Corner mount	In-ceiling mount			
Hik white Aluminum alloy Ø155 × 150 × 565 mm	Hik white Aluminum alloy 155 × 183.5 × 240 m	Hik white Stainless steel 250 mm × 127 mm × 46 mm Diameter of clamp: Ø67-127 mm 1205 g Match up with wall mount [DS-1473Z-XX(B)]	Hikvision white Aluminum alloy Ø 155 mm × 36 mm [Ø 6.1" × 1.42"] 300 g (0.66 lb.)	Hik white Aluminum alloy 243 × 123 × 300 mm 1750 g (3.86 lb.)	Hik white Stainless steel 126 X 105 X 250 mm 2280 g Match up with wall mount [DS-1473Z-XX(B)]	Hikvision white SECC, PC&ABS Ø 256.1 mm × 75.9 mm [Ø 10.08" × 2.99"] Approx. 608.5 g (1.34 lb.)				

**Recommended brackets for Hikvision IP camera**

 <b>DS-2CD4D26FWD-IZ(S) DS-2CD4D36FWD-IZ(S)</b>	 <b>DS-1273ZJ-DM32</b> Wall mount Hikvision white Aluminum alloy 183.5 × 142 × 232 mm	 <b>DS-1271ZJ-DM32</b> Pendant mount Hikvision white Aluminum alloy Ø150 × 565 mm	 <b>DS-1275ZJ-SUS</b> Vertical pole mount Hikvision white Stainless steel 127 mm × 46 mm × 250 mm [5" × 1.81" × 9.84"] 1480 g (3.26 lb.) Match up with wall mount [DS-1273ZJ-XX(B)]	 <b>DS-1276ZJ-SUS</b> Corner mount Hik white Stainless steel 126 X 105 X 250 mm 2280 g Match up with wall mount [DS-1273ZJ-XX(B)]	 <b>DS-1227ZJ-DM32</b> In-ceiling mount Hik white Aluminum alloy Ø225 × 98 mm

**Recommended brackets for Hikvision IP camera**

 <b>DS-2CD5526G0-I2(HISY) DS-2CD5546G0-I2(HISY) DS-2CD7526G0-I2(HISY) DS-2CD7546G0-I2(HISY)</b>	 <b>DS-1471ZJ-155-Y</b> Pendant mount Hik white Aluminum alloy Ø155 × 150 × 565 mm	 <b>DS-1473ZJ-155-Y</b> Wall mount Hik white Aluminum alloy 155 × 183.5 × 240 mm	 <b>DS-1475ZJ-SUS-Y</b> Vertical pole mount Hik white Stainless steel 250 × 127 × 46 mm Diameter of clamp: Ø67-127 mm 1205 g Match up with wall mount [DS-1473ZJ-XX(B)]	 <b>DS-1476ZJ-SUS-Y</b> Corner mount Hik white Stainless steel 126 X 105 X 250 mm 2280 g Match up with wall mount [DS-1473ZJ-XX(B)]	

Recommended brackets for Hikvision IP camera					
					
	DS-1471ZJ-155	DS-1473ZJ-155	DS-1475ZJ-SUS	DS-1476ZJ-SUS	
	Pendant mount	Wall mount	Vertical pole mount	Corner mount	
DS-2CD5526G0-IZ(HIS) DS-2CD5546G0-IZ(HIS) DS-2CD5565G0-IZ(HIS) DS-2CD5585G0-IZ(HIS) DS-2CD55C5G0-IZ(HIS) DS-2CD7526G0-IZ(HIS) DS-2CD7546G0-IZ(HIS) DS-2CD7585G0-IZ(HIS) DS-2CD5526G1-IZ(HIS) DS-2CD5546G1-IZ(HIS) DS-2CD5585G1-IZ(HIS)	Hik white Aluminum alloy Ø155 × 150 × 565 mm	Hik white Aluminum alloy 155 × 183.5 × 240 mm	Hik white Stainless steel 250 mm × 127 mm × 46 mm Diameter of clamp: Ø67-127 mm 1205 g Match up with wall mount [DS-1473ZJ-XX(B)]	Hik white Stainless steel 126 X 105 X 250 mm 2280 g Match up with wall mount [DS-1473ZJ-XX(B)]	
					
	DS-1473ZJ-155B	DS-1253ZJ-L	DS-1250ZJ	DS-1227ZJ-DM42	
	Wall mount	Rain shade	Rain shade	In-ceiling mount	
	Hik white Aluminum alloy 243 × 123 × 300 mm 1750 g [3.86 lb.]	Hik white Composite fibre Ø225.1 × 98 mm 198 g Match up with wall mount [DS-1473ZJ-155]	Hik white Composite fibre 264.7 × 152 × 189.6 mm 199 g	Hik white Steel and Plastic Ø 225 mm × 98.1 mm (Ø 8.86" × 3.86") 710 g (1.57 lb.)	



Recommended brackets for Hikvision IP camera					
 <p>DS-2CD6362F-I(V)(S) DS-2CD6332FWD-I(V)(S) DS-2CD63C2F-IVI(S) DS-2CD636560E-IVI(S) DS-2CD636560-I(V)(S) DS-2CD63C560E-I(V)(S) DS-2CD63C560-I(V)(S)</p>	 <p>DS-1271ZJ-DM25 Pendant mount Hik white Aluminum alloy Ø149.5 × 555 mm 1930 g</p>	 <p>DS-1273ZJ-DM25 Wall mount Hik white Aluminum alloy 183.5 × 164 × 231.7 mm 900 g</p>	 <p>DS-1280ZJ-DM25 Junction box Hik white Aluminum alloy 178.5 × 164 × 41 mm 340 g</p>	 <p>DS-1281ZJ-DM25 Inclined ceiling mount Hik white Aluminum alloy 157.1 × 164 × 45.5 mm 300 g</p>	 <p>DS-1283ZJ Three axis adjustment Hik white Aluminum alloy 167.5 × 167.5 × 48.7 mm</p>
	 <p>DS-1275ZJ-SUS Vertical pole mount Hik white Stainless steel 127 × 46 × 250 mm (5" × 1.81" × 9.84") 1480 g (3.26 lb.) Match up with wall mount [DS-1283ZJ, DS-1273ZJ-XX(B)]</p>	 <p>DS-1276ZJ-SUS Corner mount Hik white Stainless steel 126 × 105 × 250 mm 2280 g Match up with wall mount [DS-1283ZJ, DS-1273ZJ-XX(B)]</p>	 <p>DS-1274ZJ-DM25 Corner mount Hik white Aluminum Alloy &amp; Plastic 209 × 195 × 114 mm</p>	 <p>DS-1281ZJ-DM25-B Pendant mount Hik white Aluminum alloy &amp; Plastic 161 × 156 × 165.5 mm</p>	

#### Recommended brackets for Hikvision IP camera

	DS-2CD3363GO-I DS-2CD3343GO-I DS-2CD3323GO-I							
		DS-1273ZJ-130-TRL	DS-1275ZJ-SUS	DS-1276ZJ-SUS	DS-1280ZJ-DM8	DS-1281ZJ-M	DS-1271ZJ-130-TRL	DS-1273ZJ-130B-TRL
		Wall mount	Vertical pole mount	Corner mount	Junction box	Inclined ceiling mount	Pendant mount	Wall mount
		Hik white Aluminum alloy 131 × 183.5 × 228.5 mm 890 g	Hik white Aluminum alloy 131 × 183.5 × 228.5 mm 890 g	Hik white Stainless steel 126 X 105 X 250 mm 2280 g Match up with wall mount [DS-1273ZJ-XX(B)]	Hik white Aluminum alloy Ø126.7 mm × 35 mm Approx.: 210 g (0.46 lb.)	Hik white Aluminum alloy 157 × 165.7 × 61.8 mm 586 g	Hik white Aluminum alloy Ø150 × 567 mm 586 g	Hik white Aluminum alloy Ø 132 mm × 242.9 mm × 288.5mm (5.20" × 9.56" × 11.36") 1690 g (3.73 lb.)

#### Recommended brackets for Hikvision IP camera

		DS-1271ZJ-140	DS-1273ZJ-140	DS-1280ZJ-DM21	DS-1275ZJ-SUS	DS-1276ZJ-SUS	DS-1273ZJ-140B
	DS-2CD3385GO-[(B) DS-2CD3345GO-[(B) DS-2CD3325GO-[(B)]	Pendant mount	Wall mount	Junction box	Vertical pole mount	Corner mount	Wall mount
		Hik white Aluminum alloy Ø150 × 565 mm 1900 g	Hik white Aluminum alloy 140 × 183.5 × 232 mm 703 g	Hik white Aluminum alloy 162 × 137 × 42 mm 250 g	Hik white Stainless steel 127 × 46 × 250 mm Diameter of clamp: Ø67-127 mm 1480 g Match up with wall mount [DS-1273ZJ-XX(B)]	Hik white Stainless steel 126 X 105 X 250 mm 2280 g Match up with wall mount [DS-1273ZJ-XX(B)]	Hik white Stainless steel 126 X 105 X 250 mm 2280 g Match up with wall mount [DS-1273ZJ-XX(B)]

Recommended brackets for Hikvision IP camera			
	DS-2CD6626DS-IZHIS	 DS-1284ZJ-M-AC Junction box Natural Stainless Steel Color Stainless Steel 229 × 141 × 71.5 mm 1981 g	 DS-1703ZJ-AC Wall mount Natural stainless steel color Stainless steel Φ175.8 × 116.5 × 202 mm

Recommended brackets for Hikvision IP camera			
	DS-2CD6626B-IZH(RIS)	 DS-1701ZJ-AC Wall mount	 DS-1284ZJ-M-AC Junction box
	DS-2CD6652B-IHHS	Natural stainless steel color Stainless steel 140 × 228 × 412.5 mm	Natural stainless steel color Stainless steel 229 × 141 × 71.5 mm 1981 g

#### Recommended brackets for Hikvision IP camera

 <b>DS-2XE6222F-IS</b> <b>DS-2XE6242F-IS</b>							
		<b>DS-1704ZJ</b>	<b>DS-1706ZJ</b>	<b>DS-2780ZJ-X</b>	<b>DS-1712ZJ</b>	<b>DS-1677ZJ-XS-1.0 [D]</b>	<b>DS-1751ZJ</b>
		Wall mount	PT joint	Explosion-proof terminal box	Pendant mount	Flexible conduit	Vertical pole mount
		Natural stainless steel color 304L Stainless steel 412.5 × 140 × 228 mm	Natural stainless steel color Stainless steel 85 × 60 × 55 mm	Stainless steel 272 mm × 272 mm × 96.8 mm 6.4 kg	Natural stainless steel color 304 stainless steel	NBR, braided steel wire, carbon steel Ø25 mm × 1000 mm	Unpainted stainless steel SUS304 350 mm × 221 mm × 87.2 mm (13.78" × 8.70" × 3.43") Approx. 5 kg (11.02 lb.) Match up with wall mount (DS-1704ZJ)

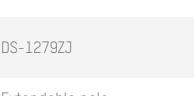
#### Recommended brackets for Hikvision IP camera

 <b>DS-2XE6222F-IS/316L</b> <b>DS-2XE6242F-IS/316L</b>							
		<b>DS-2780ZJ-X/316L</b>	<b>DS-1704ZJ-Y</b>	<b>DS-1677ZJ-XS-1.0 [D]</b>			
		Explosion-proof terminal box	Wall mount	Flexible conduit			

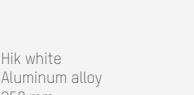
#### Recommended brackets for Hikvision IP camera

 <b>DS-2XC6224G0-L</b> <b>DS-2XC6225G0-L</b>							
		<b>DS-1706ZJ</b>					
		PT joint					

#### Recommended brackets for Hikvision IP camera

 <b>DS-1279ZJ</b>							
		<b>DS-1721ZJ</b>					
		Extendable pole for pendant mount					

 <b>Hik white</b> <b>Aluminum alloy</b> <b>250 mm</b> <b>Match up with pendant mount (DS-1271ZJ-XXX, DS-1471ZJ-XXX)</b>						
		<b>DS-1471ZJ-XXX/DS-1271ZJ-XXX</b>				
		DS-1471ZJ-XXX/DS-1271ZJ-XXX				

Recommended brackets for Hikvision IP camera					
	DS-2XE6422FWD-IZH(RIS) DS-2XE6452F-IZH(RIS)				
		DS-1707ZJ-Y	DS-2780ZJ-X/316L	DS-1707ZJ-Y-E	DS-1677ZJ-XS-1.0 (D)
		Wall mount	Explosion-proof terminal box	Wall mount	Flexible conduit
		Unpainted stainless steel SUS316L 56.5 mm × 180 mm × 309 mm [22.15" × 7.09" × 12.17"] 7.02 kg (15.48 lb.)	Stainless steel stainless steel 316L 272 mm × 272 mm × 96.8 mm 6.4 kg	Unpainted stainless steel SUS316L 543.5 mm × 160 mm × 258 mm [21.40" × 6.30" × 10.16"] 4.98 kg (10.98 lb.)	NBR, braided steel wire, carbon steel Ø25 mm × 1000 mm

Recommended brackets for Hikvision IP camera					
	DS-2XE6126FWD-HS DS-2XE6146F-HS				
		DS-1696ZJ-X	DS-1697ZJ-X	DS-2780ZJ-X/316L	DS-2781ZJ-X/316L
		Pendant mount - 316L	Wall mount - 316L	Explosion-proof terminal box	Explosion-proof terminal box
		Natural stainless steel color Stainless steel 316L ø136 × 306 mm Approx. 1.07 kg	Natural stainless steel color Stainless steel 316L 136*204.3 × 353.4 mm Approx. 1.04 kg	stainless steel Stainless steel 316L 272 mm × 272 mm × 96.8 mm 6.4 kg	Natural stainless steel color Stainless steel 316L 272 mm × 272 mm × 96.8 mm [10.7" × 10.7" × 3.8"] Approx. 6.7 kg (14.8 lb.)
					NBR, braided steel wire, Carbon steel Ø25 mm × 1000 mm

Recommended brackets for Hikvision IP camera				
	iDS-2CD6810F/C			
		DS-1227ZJ-P1 In-ceiling mount  Hik white Metal plate & Plastic Ø 253.4 mm × 38.4 mm [Ø 9.97" × 1.51"] 460 g (1.01 lb.)	DS-2102ZJ Wall mount  Hik white Steel 194 mm × 110 mm × 50 mm (7.64" × 4.33" × 1.97") 234 g (0.52 lb.)	DS-1299ZJ Pendant mount  Hik white Aluminum alloy 77 × 77 × 198 mm 165 g

Recommended brackets for Hikvision IP camera		
	iDS-2CD6810F-IV/C	
		DS-1275ZJ-P1 Horizontal pole mount  Platinum gray Stainless steel, and Steel 127 mm × 140.48 mm × 250 mm (5" × 5.53" × 9.84") 1500 g (3.3 lb.)

Recommended brackets for Hikvision IP camera				
	DS-2CD6825G0/C-IS			
		DS-1297ZJ Pendant mount (extendable)  Hikvision White Aluminum Alloy Ø120x2000mm 1035 g (2.28 lb.) 1.2 m to 2.0 m	DS-1299ZJ Pendant Mount  Hik white Aluminum Alloy 77×77×198mm 165g	DS-1297ZJ-ES Pendant mount (extendable)  Hikvision White Aluminum Alloy Ø 97 mm × 270 mm to 400 mm [Ø 3.82" × 10.63" to 15.75"] 500 g (1.10 lb.)
	DS-2CD6825G0/C-IV(S)	DS-1297ZJ-M Pendant mount (extendable)  Hikvision White Aluminum Alloy Ø 120 mm × 650 mm to 1200 mm [Ø 4.72" × 25.59" to 47.24"] 800 g (1.76 lb.)		
		Hikvision White Aluminum Alloy Ø 97 mm × 270 mm to 400 mm [Ø 3.82" × 10.63" to 15.75"] 500 g (1.10 lb.)		

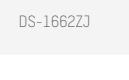
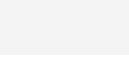
Recommended brackets for Hikvision IP camera		
	DS-2CD6054G1-I(S)	
		DS-1618ZJ-6D Wall Mount  Hikvision White Aluminum alloy, stainless steel, and silicone rubber Ø 250 mm × 247 mm [Ø 9.84" × 9.72"] Approx. 1338 g (2.99 lb.)
		DS-1661ZJ-6D Pendant Mount  Hikvision White Aluminum alloy, stainless steel, and silicone rubber Ø 250 mm × 247 mm [Ø 9.84" × 9.72"] Approx. 1338 g (2.99 lb.)

Recommended brackets for Hikvision IP camera				
<p>DS-2CD6D24FWD -I(H)(S)(NFC)</p> <p>DS-2CD6D54FWD -I(H)(S)(NFC)</p>	<p>DS-1604ZJ</p> <p>Wall mount with junction box</p> <p>Hik white Aluminum alloy 255 × 171 × 355.5 mm 2150 g</p>	<p>DS-1663ZJ</p> <p>Ceiling mount</p> <p>Hik white Aluminum alloy Ø116.5 × 57 mm</p>	<p>DS-1662ZJ</p> <p>Pendant mount</p> <p>Hik white Aluminum alloy Ø116.5 × 500 mm 960 g</p>	<p>DS-1661ZJ</p> <p>Pendant mount</p> <p>Hik white Aluminum alloy Ø116.5 × 200 mm 600 g</p>
	<p>DS-1604ZJ-pole</p> <p>Vertical pole mount</p> <p>Hik white Aluminum alloy 170.7 × 261.8 × 355.5 mm</p>	<p>DS-1604ZJ-corner</p> <p>Corner mount</p> <p>Hik white Aluminum alloy 206.8 × 261.8 × 465 mm</p>	<p>DS-1673ZJ</p> <p>Horizontal pole mount</p> <p>Hik white Steel(mounting board) &amp; Stainless steel(clamp) Diameter of clamp: Ø67-127 mm Match up with pendant mount</p>	<p>DS-1602ZJ</p> <p>Wall mount</p> <p>Hik white Aluminum alloy 97 X 182 X 305 mm</p>

Recommended brackets for Hikvision IP camera						
	DS-1661ZJ	DS-1662ZJ	DS-1663ZJ	DS-1604ZJ	DS-1604ZJ-pole	DS-1602ZJ
	Pendant mount	Pendant mount	Ceiling mount	Wall mount with junction box	Vertical pole mount	Horizontal pole mount
	Hik white Aluminum alloy Ø116.5 × 200 mm 600 g	Hik white Aluminum alloy Ø116.5 × 500 mm 960 g	Hik white Aluminum alloy Ø116.5 × 57 mm	Hik white Aluminum alloy 255 × 171 × 355.5 mm 2150 g	Hik white Aluminum alloy 170.7 × 261.8 × 355.5 mm	Hik white Aluminum alloy 97 X 182 X 305 mm
	DS-2CD6984G0-IH(S)(AC) DS-2CD6924G0-IHSI(NFC) DS-2CD6924G0-IHSI(NFC) DS-2CD6984G0-IH(S)(NFC)					
	DS-1604ZJ-corner	DS-1604ZJ-box	DS-1604ZJ-BOX-POLE	DS-1604ZJ-BOX-CORNER	DS-1602ZJ	
	Corner mount	Wall mount with junction box	Vertical pole mount with junction box	Wall mount with junction box	Wall mount	
	Hik white Aluminum alloy 206.8 × 261.8 × 465 mm	Hik white Aluminum alloy 281.2 × 170.7 × 395.5 mm	Hik white Aluminum alloy & steel 222 × 139.3 × 422 mm	Hik white Aluminum alloy & steel 255.5 × 314 × 542.5 mm	Hik white Aluminum alloy 97 X 182 X 305 mm	

Network Camera	PTZ Dome Camera	Panoramic Camera	Explosion-Proof & Anti-Corrosion Series	NVR	Network Storage	Data Center	Thermal Display	Commercial Display	Decoder	Video Wall Controller	Software	Accessories	DORI Distance
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## Recommended brackets for Hikvision PTZ Dome Camera

		Outdoor(only available for outdoor PTZ model)		
				
	DS-2DF5232X-AEL DS-2DF5225X-AEL			
	DS-2DF7232IX-AEL DS-2DF7232IX-AELW DS-2DF7225IX-AEL DS-2DF7225IX-AELW	DS-1661ZJ  Pendant mount	DS-1662ZJ  Pendant mount	DS-1663ZJ  Ceiling mount
	DS-2DE7530IW-AE DS-2DE7430IW-AE DS-2DE7425IW-AE DS-2DE7330IW-AE DS-2DE7320IW-AE DS-2DE7232IW-AE DS-2DE7225IW-AE	Hik white Aluminum alloy Ø116.5 × 200mm 600 g	Hik white Aluminum alloy Ø116.5 × 500 mm 960 g	Hik white Aluminum alloy Ø116.5 × 57 mm 380 g
	DS-2DE7A225MX-AE DS-2DE7A232MX-AE			
	DS-2DE7A245IX-AE/S1	DS-1660ZJ  Parapet wall mount	DS-1604ZJ  Wall mount	DS-1604ZJ-pole  Vertical pole mount
	DS-2DF6225X-AEL			
	DS-2DF8836IX-AEL DS-2DF8836IX-AELW DS-2DF8825IX-AEL DS-2DF8825IX-AELW DS-2DF8436IX-AEL DS-2DF8436IX-AELW DS-2DF842SIX-AEL DS-2DF842SIX-AELW DS-2DF8236IX-AEL DS-2DF8236IX-AELW DS-2DF8225IX-AEL DS-2DF8225IX-AELW DS-2DF8250IX-AEL(W) DS-2DF8242IX-AEL(W) DS-2DF8442IXS-AEL(W)	DS-1660ZJ  Parapet wall mount	DS-1604ZJ  Wall mount	DS-1604ZJ-pole  Vertical pole mount
	iDS-2VS235-F836	Hik white Aluminum alloy 180 × 950 × 800 mm 2900 g	Hik white Aluminum alloy 255 × 171 × 355.5 mm 2150 g	Hik white Aluminum alloy 170.7 × 261.8 × 355.5 mm
	DS-2DF883615X-AEL(W) DS-2DF843615X-AEL(W) DS-2DF823615X-AEL(W) DS-2DF825018X-AEL(W) DS-2DF824215X-AELW			

**Recommended brackets for Hikvision PTZ Dome Camera**

		Outdoor(only available for outdoor PTZ model)				
		DS-1604ZJ-corner	DS-1604ZJ-box	DS-1604ZJ-BOX-POLE	DS-1604ZJ-BOX-CORNER	
	DS-2DF5232X-AEL DS-2DF5225X-AEL					
	DS-2DF7232IX-AEL DS-2DF7232IX-AELW DS-2DF7225IX-AEL DS-2DF7225IX-AELW					
	DS-2DE7530IW-AE DS-2DE7430IW-AE DS-2DE7425IW-AE DS-2DE7330IW-AE DS-2DE7320IW-AE DS-2DE7232IW-AE DS-2DE7225IW-AE	Corner mount	Wall mount with junction box	Vertical pole mount with junction box	Wall mount with junction box	
	DS-2DE7A225MX-AE DS-2DE7A232MX-AE	Hik white Aluminum alloy 206.8 × 261.8 × 465 mm	Hik white Aluminum alloy 281.2 × 170.7 × 395.5 mm	Hik white Aluminum alloy & steel 222 × 139.3 × 422 mm	Hik white Aluminum alloy & steel 255.5 × 314 × 542.5 mm	
	DS-2DE7A245IX-AE/S1					
	DS-2DF6225X-AEL					
	DS-2DF8836IX-AEL DS-2DF8836IX-AELW DS-2DF8825IX-AFL DS-2DF8825IX-AELW DS-2DF8436IX-AEL DS-2DF8436IX-AELW DS-2DF8425IX-AEL DS-2DF8425IX-AELW DS-2DF8236IX-AEL DS-2DF8236IX-AELW DS-2DF8225IX-AEL DS-2DF8225IX-AELW DS-2DF8250IX-AEL(W) DS-2DF8242IX-AEL(W) DS-2DF8442IXS-AEL(W)	Gooseneck mount	Extendable pole for pendant mount	Wall mount		
	iDS-2VS235-F836	Hik white Aluminum alloy 455.2 × 130.4 × 841.5 mm	Hik white Galvanized steel pipe 1500-2500 mm	Hik white Aluminum alloy 97 X 182 X 305 mm		
	DS-2DF8836IX-AEL(W) DS-2DF8436IX-AEL(W) DS-2DF8236IX-AEL(W) DS-2DF8250IX-AEL(W) DS-2DF8242IXS-AEL(W)					

Network Camera  
 PTZ Dome Camera  
 Panoramic Camera  
 Explosion-Proof & Anti-Corrosion Series  
 NVR  
 Storage Center  
 Data Center  
 Thermal Display  
 Commercial Display  
 Decoder  
 Video Wall Controller  
 Software Distance

**Recommended brackets for Hikvision PTZ Dome Camera**

		Outdoor					
		DS-1604ZJ-P	DS-1663ZJ-P	DS-1660ZJ-P	DS-1661ZJ-P	DS-1667ZJ-P	DS-1682ZJ-P
		Wall mount with junction box	Ceiling mount	Parapet wall mount	Pendant mount	Extendable pole for pendant mount	Extendable pole for pendant mount
	DS-2DF8225IH-AEL(W)						
	DS-2DF6A836X-AEL DS-2DF6A825X-AEL DS-2DF6A436X-AEL DS-2DF6A425X-AEL DS-2DF6A236X-AEL DS-2DF6A225X-AEL	Platinum gray Aluminum alloy 255 × 171 × 355.5 mm 2150 g	Platinum gray Aluminum alloy Φ116.5 × 57 mm 380 g	Platinum gray Aluminum alloy 180 × 950 × 800 mm 2900 g	Platinum gray Aluminum alloy Φ116.5 × 200 mm 600 g	Platinum gray Galvanized steel pipe 1500-2500 mm	Platinum gray Aluminum alloy Ø 60 mm × 500 mm (Ø 2.36" × 19.69") 1050 g (2.31 lb.) Match up with pendant mount(DS-1661ZJ-P, DS-1662ZJ-P )
	DS-2DF8A425I(N)X-AEL DS-2DF8A436I(N)X-AEL DS-2DF8A825I(N)X-AEL DS-2DF8A836I(N)X-AEL DS-2DF8A442IXS-AEL						

Recommended brackets for Hikvision PTZ Dome Camera

Outdoor				
	DS-1662ZJ-P	DS-1673ZJ-P	DS-1604ZJ-Pole-P	DS-1604ZJ-Corner-P
DS-2DF8225IH-AEL(W)	Pendant mount  Platinum gray Aluminum alloy Φ116.5 × 500 mm 960 g	Horizontal pole mount  Platinum gray Steel(mounting board) & Stainless Steel(clamp) Diameter of clamp: Φ67-127mm Match up with pendant mount	Vertical pole mount  Platinum gray Aluminum alloy 170.7 × 261.8 × 355.5 mm	Corner mount  Platinum gray Aluminum alloy 206.8 × 261.8 × 465 mm
DS-2DF6A836X-AEL DS-2DF6A825X-AEL DS-2DF6A436X-AEL DS-2DF6A425X-AEL DS-2DF6A236X-AEL DS-2DF6A225X-AEL				
DS-2DF8A425INIX-AEL DS-2DF8A436INIX-AEL DS-2DF8A825INIX-AEL DS-2DF8A836INIX-AEL DS-2DF8A442IXS-AEL				
	DS-1604ZJ-BOX-P  Platinum gray Aluminum alloy 281.2 × 170.7 × 395.5 mm	DS-1604ZJ-BOX-CORNER-P  Platinum gray Aluminum alloy & steel 255.5 × 314 × 542.5 mm	DS-1604ZJ-BOX-POLE-P  Platinum gray Aluminum alloy & steel 222 × 139.3 × 422 mm	

Recommended brackets for Hikvision PTZ Dome Camera					
		Outdoor			
 DS-2DF9C245IH-DLW DS-2DF9C435IH-DLW DS-2DF9C245IHS-DLW DS-2DF9C435IHS-DLW	 DS-1603ZJ-P Wall mount  Platinum gray Aluminum alloy 364.1 mm × 182.0 mm (14.3" × 7.2") 1400 g (3.09 lb.)	 DS-1668ZJ-P Pendant mount  Platinum gray Steel Ø115 × 58 mm 620 g	 DS-1668ZJ[20]-P Pendant mount  Platinum gray Steel Ø 115 mm × 200 mm (4.53" × 7.87") 1150 g (2.54 kg)	 DS-1603ZJ-Pole-P Vertical pole mount  Platinum gray Aluminum alloy+steel 410.6 × 194 × 126.1 mm 2.5 kg	 DS-1619ZJ-HP2 Gooseneck mount  Platinum gray Stainless steel Ø 130 mm × 455 mm × 526 mm (5.12" × 17.91" × 20.71") 5200 g (12.46 lb.)

Recommended brackets for Hikvision PTZ Dome Camera					
		Outdoor			
 DS-2DF5220S-D4 DS-2DF5220S-DE4/W	 DS-1691ZJ Pendant mount  Hik white Aluminum alloy 84 × 124 × 335 mm 980 g	 DS-1695ZJ Integrated wall mount  Hik white Aluminum alloy + Plastic 157 × 86 × 246 mm	 DS-1691ZJ-L Pendant mount  Hik white Steel 124 × 84 × 1000 mm 2175 g	 DS-1691ZJ-M Pendant mount  Hik white Steel 124 × 84 × 500 mm 1175 g	

### Recommended brackets for Hikvision PTZ Dome Camera

<b>Outdoor</b>						
 iDS-2PT9122IX-D/S Wall mount bracket included in the package						
	DS-2664ZJ-P	DS-2601ZJ-P	DS-2665ZJ-P	Base mounting bracket		
	Pendent mount	Wall mounting racket				
	Grey Aluminum alloy Ø203.5 × 217.4 mm	Plastic with surface spray treatment Ø 203.5 mm × 227.9 mm (Included in the package)			Plastic with surface spray treatment 178.7 mm × 126 mm × 57.2 mm	

### Recommended brackets for Hikvision PTZ Dome Camera

<b>Outdoor</b>						
 DS-2DP1636IZX-D/236						
	DS-1603ZJ-P	DS-1668ZJ-P	DS-1603ZJ-Pole-P	DS-1619ZJ-HP2	DS-1603ZJ-Corner-P	
	Wall mount	Pendant mount	Pendant mount	Vertical pole mount	Gooseneck mount	Corner mount
	Platinum gray Aluminum alloy 364.1 mm × 182.0 mm [14.3" × 7.2"] 1400 g (3.09 lb.)	Platinum gray Steel Ø115 × 58 mm 620 g	Platinum gray Steel Ø 115 mm × 200 mm [4.53" × 7.87"] 1150 g (2.54 lb.)	Platinum gray Aluminum alloy+steel 410.6 × 194 × 126.1 mm 2.5 kg	Platinum gray Stainless Steel Ø 130 mm × 455 mm × 526 mm [5.12" × 17.91" × 20.71"] 5200 g (12.46 lb.)	Platinum gray Aluminum alloy, and Steel 473.1 mm × 194 mm × 176.1 mm [18.63" × 7.64" × 6.93"] 2920 g (6.44 lb.)

**Recommended brackets for Hikvision PTZ Dome Camera**

		Outdoor			
					
	DS-2DP0818Z-D DS-2DP1636Z-D	Hik white Aluminum alloy 98 × 182 × 362 mm	Hik white Steel Ø115 × 58 mm 620 g	Hik white Steel Ø115 × 200 mm 1150 g	Hik white Steel(mounting board) & Stainless steel(clamp) Diameter of clamp: Ø67-127 mm 1060 g (2.34 lb.) Match up with pendant mount
	DS-1684ZJ				
	Vertical pole mount		Junction box	Gooseneck mount	
		Hik white Steel(mounting board) & Stainless steel(clamp) Diameter of clamp: Ø67-127 mm Match up with wall mount	Hik white Aluminum alloy 286 × 424 × 119.5 mm	Hik white Stainless steel Ø 130 mm × 455 mm × 526 mm (5.12" × 17.91" × 20.71") 5200 g (12.46 lb.)	

## Recommended brackets for Hikvision PTZ Dome Camera

Outdoor				
DS-2DP1636-D	DS-1603ZJ	DS-2663ZJ	DS-1668ZJ	DS-1668ZJ(20)
	Wall mount	3-axis mount	Pendant mount	Pendant mount
	 Hik white Aluminum alloy 98 × 182 × 362 mm	 Hik white Aluminum alloy 275.8 × 269 × 140.1 mm 2600 g	 Hik white Steel Φ115 × 58 mm 620 g	 Hik white Steel Φ115 × 200 mm 1150 g
	 DS-1673ZJ Horizontal pole mount  Hik white Steel(mounting board) & Stainless steel(clamp) Diameter of clamp: Ø67-127 mm Match up with pendant mount	 DS-1684ZJ Vertical pole mount  Hik white Steel(mounting board) & Stainless steel(clamp) Diameter of clamp: Ø67-127 mm Match up with Wall mount	 DS-1678ZJ Junction box  Hik white Aluminum alloy 286 × 424 × 119.5 mm	 DS-1619ZJ-H2 Gooseneck mount  Hik white Stainless steel Ø 130 mm × 455 mm × 526 mm (5.12" × 17.91" × 20.71") 5200 g (12.46 lb.)

Recommended brackets for Hikvision PTZ Dome Camera					
	DS-2DT6223-AELY DS-2DT6223W-AELY	Outdoor			
		DS-1696ZJ-Y	DS-1697ZJ-Y		
		Pendant mount	Wall mount		
		Stainless steel 316L 160 × 160 × 342 mm 1890 g	Stainless steel 316L 136 × 212 × 326 mm 2300 g		

Recommended brackets for Hikvision PTZ Dome Camera					
	DS-2DF8236IX-AELWY	Outdoor			
		DS-1602ZJ-AKS	DS-1604ZJ-BOX-Corner-Y	DS-1604ZJ-BOX-Y	
		Wall mount	Corner pole mount with junction box	Wall mount with junction box	
		Hik white Alloy 97.3 mm × 182.6 mm × 306.4 mm (3.83" × 7.19" × 12.06") 960 g (2.12 lb.)	Hik white Alloy, SUS304 31.4 mm × 25.5 mm × 542.5 mm (1.236" × 10.06" × 21.36") 6976 g (15.38 lb.)	Hik white Alloy 281.2 mm × 170.7 mm × 395.5 mm (11.07" × 6.72" × 15.57") 2150 g (4.74 lb.)	

Recommended brackets for Hikvision PTZ Dome Camera					
	DS-2DF6223-CX(W) Wall mount bracket included in the package	Outdoor			
		DS-1691ZJ-X	DS-1690ZJ-X	DS-1677ZJ-XS-1.0 (C2)	DS-2780ZJ-X
		Pendant mounting	Wall mounting bracket	Flexible conduit	Explosion-proof terminal box
		Stainless steel 304L 250 mm × 200 mm × 303 mm 6 kg	I SUS304 stainless steel 350 mm × 227.5 mm × 345.5 mm 7 kg (Included in the package)	NBR, braided steel wire, carbon steel Ø25 mm × 1000 mm	stainless steel 272 mm × 272 mm × 96.8 mm 6.4 kg

Recommended brackets for Hikvision PTZ Dome Camera

Outdoor					
 DS-2DF6223-CX(W/316L) Wall mount bracket included in the package	 DS-1693ZJ-X Pendant mounting	 DS-1692ZJ-X Wall mounting bracket	 DS-1677ZJ-XS-1.0 [C2] Flexible conduit	 DS-2780ZJ-X/316L Explosion-proof terminal box	
	Stainless steel 316L 250 mm × 200 mm × 303 mm 6 kg	SUS316L 350 mm × 200 mm × 345 mm 7 kg (Included in the package)	NBR, braided steel wire, carbon steel Ø25 mm × 1000 mm	Stainless steel 272 mm × 272 mm × 96.8 mm 6.4 kg	

Recommended brackets for Hikvision PTZ Dome Camera

Outdoor						
 DS-2DB4223I-CX(WE)	 DS-1707ZJ Wall mount (304 stainless steel)	 DS-1707ZJ-E Wall mount (304 stainless steel)	 DS-2780ZJ-X Explosion-proof terminal box	 DS-1708ZJ PT joint	 DS-1677ZJ-XS-1.0 [D] Flexible conduit	 DS-1751ZJ Vertical pole mount
	- - - - - -	- - - - - -	- - - - - -	- - - - - -	- - - - - -	- - - - - -

Recommended brackets for Hikvision PTZ Dome Camera				
		Outdoor		
	DS-2DB4223I-CX(WE/316L) DS-2DB4236I-CWX(WE/316L)	 DS-1707ZJ-Y Wall mount (316L stainless steel)  Unpainted stainless steel SUS316L 562.5 mm × 180 mm × 309 mm (22.15" × 7.09" × 12.17") 7.02 kg (15.48 lb.)	 DS-1707ZJ-Y-E Wall mount (316L stainless steel)  Unpainted stainless steel SUS316L 543.5 mm × 160 mm × 258 mm (21.40" × 6.30" × 10.16") 4.98 kg (10.98 lb.)	 DS-2780ZJ-X/316L Explosion-proof terminal box  Stainless steel 272 mm × 272 mm × 98.8 mm 6.4 kg
				DS-1677ZJ-XS-1.0 (D) Flexible conduit  NBR, braided steel wire, carbon steel Ø25 mm × 1000 mm
				Hik white Aluminum alloy 500 mm Match up with pendant mount (DS-1661ZJ). DS-1662ZJ
				Extensible pole for pendant mount  Hik white Steel (mounting board) & Stainless steel(clamp) Diameter of clamp: Ø67-127 mm Match up with pendant mount
				Horizontal pole mount

### Positioning System

Product form	Model	Relevant brackets and housings---Outdoor	
 	DS-2DY9250IAX-A DS-2DY9236I8X-A DS-2DY9250IAX-A(S1)	 DS-1693ZJ Wall mount	 DS-1678ZJ Junction box
	DS-2DY9225IH-A  DS-2DY9250IX-A DS-2DY9236IX-A DS-2DY9250IX-A(S1)	  DS-2DY7236W-A DS-2DY7236IW-A	  Hik white Steel 190 × 200 × 500 mm 5700 g  Hik white Aluminum alloy 286 × 424 × 119.5 mm

Network Camera	P/T/Z Dome Camera	Panoramic Camera	Explosion-Proof & Anti-Corrosion Series	NVR	Network Storage	Data Center

Product form	Model	Relevant brackets and housings---Outdoor		
	DS-2DY3320IW-DE DS-2DY3220IW-DE			
		DS-1280ZJ-M(SPTZ)	DS-1281ZJ-M(SPTZ)	DS-1275ZJ(SPTZ)
		Junction box	Inclined ceiling mount	Pole mount
		Hik white Steel 157 x 53.4 x 184 mm 621 g	Hik white Steel 157 x 61.8 x 165.7 mm 586 g	Hik white Steel 250 x 127 x 140 mm

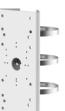
Product form	Model	Outdoor
	DS-1275ZJ(SPTZ)	
	DS-2DY3320IW-DE4 DS-2DY3220IW-DE4	Pole mount
		Hik white Steel 250 x 127 x 140 mm

Product form	Model	Relevant brackets and housings---Outdoor		
	DS-2DY9236I-CWX(W/316L) Wall mount bracket included in the package			
		DS-1713ZJ-Y (SUS316L)	DS-2780ZJ-X/316L	DS-1677ZJ-XS-1.0 (D)
		Wall mounting bracket	Explosion-proof terminal box	Flexible conduit
		-	Stainless steel 272 mm x 272 mm x 96.8 mm 6.4 kg	NBR, braided steel wire, carbon steel Ø25 mm x 1000 mm

Indoor housing						
Appearance	Model	Key Feature	Available Camera Models	Bracket Model		
	DS-1330HZ	Hik white Complex fiber 290×142×92 mm 640 g	DS-2CD4C16FWD-[A](P) DS-2CD4C26FWD-[A](P) DS-2CD4C36FWD-[A](P) DS-2CD4Q26FWD-A/P DS-2CD5026G0-(AP) DS-2CD5046G0-(AP) DS-2CD5065G0-(AP) DS-2CD5085G0-(AP) DS-2CD50C5G0-(AP) DS-2CD7026G0/[P]-[AP] DS-2CD7046G0-(AP) DS-2CD7085G0-(AP)	 DS-1293ZJ Wall mount	 DS-1299ZJ Pendant mount	 DS-1269ZJ Pendant mount

Indoor housing						
Appearance	Model	Key Feature	Available Camera Models	Bracket Model		
	DS-1332HZ	Hik white Aluminum alloy 288 × 149 × 100 mm 800 g	DS-2CD4C16FWD-[A](P) DS-2CD4C26FWD-[A](P) DS-2CD4C36FWD-[A](P) DS-2CD4Q26FWD-A/P DS-2CD5026G0-(AP) DS-2CD5046G0-(AP) DS-2CD5065G0-(AP) DS-2CD5085G0-(AP) DS-2CD50C5G0-(AP) DS-2CD7026G0/[P]-[AP] DS-2CD7046G0-(AP) DS-2CD7085G0-(AP)	 DS-1293ZJ Wall mount	 DS-1299ZJ Pendant mount	 DS-1269ZJ Pendant mount

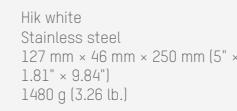
Indoor housing								
Appearance	Model	Key Feature	Available Camera Models	Bracket Model				
	DS-1331HZ-C	Hik white Aluminum alloy Containing fan DC12V IP66 110 × 165 × 445 mm 1900 g						
	DS-1331HZ-H	Hik white Aluminum alloy Containing fan and heater AC24V IP66 110 × 165 × 445 mm 1900 g						
			Wall mount	Pendant mount	Horizontal pole mount	Horizontal pole mount	Column mount	
	DS-1331HZ-HW	Hik white Aluminum alloy Containing fan, wiper and heater AC24V IP66 445 × 165 × 170 mm 2500 g	Hik white Aluminum alloy 88 × 116.6 × 297.3 mm 473 g	Hik white Aluminum alloy 493 × 246 × 88 mm 480 g	Hik white Steel (mounting board) & Stainless Steel (clamp) 117 × 226 × 194mm Diameter of clamp: Ø67-127 mm 1895 g	Hik white Steel (mounting board) & Stainless Steel (clamp)	Hik white Steel Ø160 × 1093 mm 6200 g	
	DS-1331HZ-CI	Hik white Aluminum alloy Containing fan DC12V IP66 IK10 445 × 140 × 94 mm 1900 g	DS-2CD4C16FWD-[A][P] DS-2CD4C26FWD-[A][P] DS-2CD4C36FWD-[A][P] DS-2CD4026FWD-A/P DS-2CD5026GO-[AP] DS-2CD5046GO-[AP] DS-2CD5065GO-[AP] DS-2CD5085GO-[AP] DS-2CD50CS60-[AP] DS-2CD7026GO/[P]-[AP] DS-2CD7046GO-[AP] DS-2CD7085GO-[AP]					
	DS-1331HZ-HI	Hik white Aluminum alloy Containing fan and heater AC 24V(DC 12V) IP66 IK10 110 × 165 × 445mm 1900 g						
	DS-1331HZ-R	Hik white Aluminum alloy Containing Cooling module AC 110 to 240V IP66 490 × 169.4 × 100 mm 3200 g		Cardan joint	Cardan joint	Vertical pole mount	Wall mount	
			Hik white Steel 126 × 103.5 × 83 mm 790	Hik white Steel 96 × 95 × 92.5 mm	Hik white Stainless Steel 127 × 46 × 250 mm Diameter of clamp: Ø67-127 mm 1205 g Match up with wall mount (DS-1293ZJ)	Hik white Aluminum alloy 413.5 × 228.7 × 120 mm 1859 g		

Outdoor housing								
Appearance	Model	Key Feature	Available Camera Models	Bracket Model				
	DS-4718HZ-K	Hik white Aluminum alloy Containing fan and heater AC 24V(DC 12V) IP66 174 × 153 × 550 mm 2500 g	DS-2CD4C16FWD-(A)(P) DS-2CD4C26FWD-(A)(P) DS-2CD4C36FWD-(A)(P) DS-2CD4026FWD-A/P DS-2CD5026G0-(AP) DS-2CD5046G0-(AP) DS-2CD5065G0-(AP) DS-2CD5085G0-(AP) DS-2CD50C5G0-(AP) DS-2CD7026G0I/(P)-(AP) DS-2CD7046G0-(AP) DS-2CD7085G0-(AP)	 DS-1293ZJ Wall mount	 DS-1269ZJ Pendant mount	 DS-1214ZJ-T Horizontal pole mount	 DS-1214ZJ-T Horizontal pole mount	 DS-1275ZJ-SUS Vertical pole mount
				Hik white Aluminum alloy 88 × 116.6 × 297.3 mm 473 g	Hik white Steel (mounting board) & Stainless Steel (clamp) 117 × 226 × 194 mm Diameter of clamp: Ø67-127 mm 1895 g	Hik white Steel (mounting board) & Stainless Steel (clamp) 127 × 46 × 250 mm		Diameter of clamp: Ø67-127 mm 1205 g Match up with wall mount (DS-1293ZJ)

Outdoor housing								
Appearance	Model	Key Feature	Available Camera Models	Bracket Model				
	DS-1340HZ	Three-axis adjustment Containing combined wires and fan IK10	DS-2CD4C16FWD-(A)(P) DS-2CD4C26FWD-(A)(P) DS-2CD4C36FWD-(A)(P) DS-2CD4026FWD-A/P DS-2CD5026G0-(AP) DS-2CD5046G0-(AP) DS-2CD5065G0-(AP) DS-2CD5085G0-(AP) DS-2CD50C5G0-(AP) DS-2CD7026G0I/(P)-(AP) DS-2CD7046G0-(AP) DS-2CD7085G0-(AP)	 DS-1275ZJ-4626 Vertical pole mount Hik white				
					Steel (mounting board) & Stainless Steel (clamp) 127 × 46 × 250 mm 1235 g For 40 series box camera			

Product form	Model	Recommended brackets for Hikvision Thermal Camera						
		Relevant brackets						
	DS-2TD4136/V2 DS-2TD4136T DS-2TD4166/V2 DS-2TD4166T							
		DS-1604ZJ-pole	DS-1604ZJ-corner	DS-1604ZJ-box	DS-1604ZJ-BOX-POLE	DS-1604ZJ-BOX-CORNER	DS-1619ZJ	DS-1661ZJ
		Vertical pole mount	Corner mount	Wall mount, including power box	Vertical pole mount with junction box	Wall mount with junction box	Gooseneck mount	Pendant mount
		Hik white Aluminum alloy 170.7 × 261.8 × 355.5 mm	Hik white Aluminum alloy 206.8 × 261.8 × 465 mm	Hik white Aluminum alloy 281.2 × 170.7 × 395.5 mm	Hik white Aluminum alloy & steel 222 × 139.3 × 422 mm	Hik white Aluminum alloy & steel 255.5 × 314 × 542.5 mm	Hik white Aluminum alloy 455.2 × 130.4 × 841.5 mm	Hik white Aluminum alloy Φ116.5 × 200 mm
								
		DS-1662ZJ	DS-1663ZJ	DS-1660ZJ	DS-1602ZJ	DS-1673ZJ	DS-1667ZJ	
		Pendant mount	Ceiling mount	Parapet wall mount	Wall mount	horizontal pole mount	Extendable pole for pendant mount	
		Hik white Aluminum alloy Φ116.5 × 500 mm	Hik white Aluminum alloy Φ116.5 × 57 mm	Hik white Aluminum alloy Φ180 × 950 × 800 mm	Hik white Aluminum alloy 97×182×305 mm	Hik white Steel (mounting board) & Stainless Steel (clamp) Diameter of clamp: Φ67-127 mm Match up with DS-1661ZJ or DS-1662ZJ or DS-1663ZJ	Hik white Galvanized steel pipe 1500-2500 mm	

Product form	Model	Recommended brackets for Hikvision Thermal Camera	
		Relevant brackets	
	DS-2TD6236/V2 DS-2TD6266/V2 DS-2TD6236T DS-2TD6266T	 <b>DS-1693ZJ</b> Wall mount  Hik white Steel 190 × 200 × 500 mm 5700 g	 <b>DS-2TD2466-Y</b> Wall mount  <b>DS-1284ZJ-M</b> Junction box  Stainless steel 412.5 × 140 × 145 mm (shipped by default)

Product form	Model	Recommended brackets for Hikvision Thermal Camera		
		Relevant brackets		
	DS-2TD2615 DS-2TD2636	 <b>DS-1275ZJ-SUS</b> Vertical pole mount  <b>DS-1276ZJ-SUS</b> Corner mount  <b>DS-1260ZJ</b> Junction box		
	DS-2TD2136V1 DS-2TD2137V1 DS-2TD2166V1	 Hik white Stainless steel 127 mm × 46 mm × 250 mm [5" × 1.81" × 9.84"] 1480 g (3.26 lb.)	 <b>DS-2TD2336</b> Hik white Aluminum alloy Ø 88.5 mm × 36 mm [Ø 3.48" × 1.42"] 2280 g	 <b>DS-2TD2836</b> Hik white Steel 157 × 240 × Ø200 mm

Product form	Model	Recommended brackets for Hikvision Thermal Camera				
		Relevant brackets				
	DS-2TX3636 DS-2TX3736/V1					
	DS-2902ZJ	DS-2904ZJ	DS-2903ZJ	DS-2905ZJ		
	Wall mount	Vertical pole mount	Horizontal pole mount	Vertical pole mount		
	Hik white Stainless steel 259 × 396 × 119 mm	Hik white Stainless steel 70 × 38 mm	Hik white Stainless steel 118 × 194 × Ø200 mm	Hik white Aluminum alloy Ø116.5-57 mm		

Product form	Model	Recommended brackets for Hikvision Thermal Camera				
		Relevant brackets				
	DS-2TD2466T-X					
	DS-1707ZJ-Y	DS-2780ZJ-X/316L	DS-1677ZJ-XS-1.0 (D)	DS-1751ZJ		
	Wall mount (316L stainless steel)	Explosion-proof terminal box	Flexible conduit	Vertical pole mount		
	Unpainted stainless steel SUS316L 562.5 mm × 180 mm × 309 mm [22.15" × 7.09" × 12.17"] 7.02 kg (15.48 lb.) (shipped by default)	Stainless steel 272 mm × 272 mm × 96.8 mm 6.4 kg	NBR, braided steel wire, carbon steel Ø25 mm × 1000 mm	Stainless steel 221 × 350 × Ø200 mm Match up with DS-1707ZJ-Y		

**Camera tester**

	IPC-4300H	Network camera tester, 4.3" Screen, with ANSI/EN/BS/AS power supply, Support IP/CVBS/TVI/AHD/CVI input
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**Pickup**

	DS-2FP2020	Pickup range: 70 sq.m, Audio transmission distance: 3000 m, Frequency response: 20 Hz to 20 KHz, SNR: 60 dB [1m 40 dB audio tone SPL] 40 dB [10m 40 dB audio tone SPL] 1 KHz at 1 Pa, Dynamic Range: 70 dB [1 KHz at Max dB SPL]
	DS-2FP4021-B	Pickup Scope: 60 m <sup>2</sup> / continuously adjustable, Gain Adjustment Scope: 30 dB/ continuous, Pickup Direction: Full Directions /360°, Frequency Response: 100 Hz to 16 KHz [1 kHz @ 94 dB SPL], Dynamic Range: 85 dB, Output Impedance: 600 Ohm unbalanced
	DS-2FP2020	Pickup range: 70 sq.m, Audio transmission distance: 3000 m, Frequency response: 20 Hz to 20 KHz, SNR: 60 dB [1m 40 dB audio tone SPL] 40 dB [10m 40 dB audio tone SPL] 1 KHz at 1 Pa, Dynamic Range: 70 dB [1 KHz at Max dB SPL]

## Power adaptor

Power adaptor	Detail	Available Models
DC5V 2A	ADS-10LA-06 05010EPCU/EPC,DC5V/2A,American standard plug, USB, OLT LOGO	DS-2CV2U/2Qxx series Consumer IPC
	ADS-10RH-06 05010EPSA,DC5V/2A, Australian standard plug, USB, NO LOGO	
	ADS-10RH-06 05010EPB,DC5V/2A, British standard plug, USB, NO LOGO	
	ADS-10RH-06 05010EPG,DC5V/2A,European standard plug, USB, NO LOGO	
DC12V 1A Hikvision Brand	DS-2FA1201-DL,12V/1A,American standard,Φ2.1	Most IPC, analog camera and DS-2DE3/2xxx series mini PTZ models
	DS-2FA1201-DL,12V/1A,European standard,Φ2.1	
DC12V 1A	DS-2FA1201-DL,12V/1A,Indian standard,Φ2.1	
	ADS-12FG-12N 12012EPG,12V/1A,European standard,Two-wire, WHITE PACKAGE	Most IPC, analog camera and DS-2DE3/2xxx series mini PTZ models
	ADS-12FG-12N 12012EPG,12V/1A,European standard,Φ2.1, WHITE PACKAGE	
	ADS-12FG-12N 12012EPCU,12V/1A,American standard,Two-wire, WHITE PACKAGE	
	ADS-12FG-12N 12012EPCU,12V/1A,American standard,Φ2.1, WHITE PACKAGE	
	ADS-12FG-12N 12012EPB,12V/1A,British standard,Two-wire, WHITE PACKAGE	
	ADS-12FG-12N 12012EPB,12V/1A,British standard,Φ2.1, WHITE PACKAGE	
	ADS-12FB-12 12012EPSA,12V/1A, Australian standard,Φ2.1	
	ADS-12FB-12 12012EPSA,12V/1A, Australian standard,Two-wire	
DC12V 1.5A	MSA-C1500IC12.0-18P-US, DC12V/1.5A, American standard plug, Φ2.1	-
	MSA-C1500IC12.0-18P-DE, DC12V/1.5A, European standard plug, Φ2.1	
	MSA-C1500IC12.0-18P-GB, DC12V/1.5A, British standard plug, Φ2.1	
	MSA-C1500IC12.0-24P-AU, DC12V/2A, Australian standard plug, Φ2.1	
DC12V 2A	ASW0081-1220002W(green head),12V24W,Two-wire (NO AC power wire)	Indoor mini PanoVu and high power consumption IPC and analog camera
	AC power wire, British standard	
	AC power wire, American standard	
	AC power wire, European standard	
	AC power wire, Italian standard	
	AC power wire, Japanese standard	
	AC power wire, Australian standard	
	AC power wire, Brazilian standard	
	Match up with 101700162, Adaptor and power wire should be ordered together	
DC12V 3.33A	MSA-C2000IC12.0-24P-GB,British standard,12V2A,Φ2.1	-
	MSA-C2000IC12.0-24P-DE,European standard,12V2A,Φ2.1	
	MSA-C1500IC12.0-24P-AU, Australian standard,12V2A,Φ2.1	
	MSA-C2000IC12.0-24P-US,American standard,12V2A,Φ2.1	
	KPL-040F-VI (green head),12V40W,Two-wire (NO AC power wire)	
	AC power wire, British standard	
	AC power wire, American standard	
	AC power wire, European standard	
	AC power wire, Italian standard	
DC12V 5A	AC power wire, Japanese standard	DS-2PT9122IX-DE/S
	AC power wire, Australian standard	
	AC power wire, Brazilian standard	
	Match up with 101700613	
	Adaptor and power wire should be ordered together	
	KPL-060F-VI,12V5A,UL, green head,Two-wire (NO AC power wire)	
	AC power wire, British standard	
	AC power wire, American standard	
	AC power wire, European standard	

Network Camera PTZ Dome Camera Panoramic Camera Explosion-Proof & Anti-Corrosion Series NVR Network Storage Data Center Thermal Display Commercial Decoder Video Wall Controller Software Accessories DORI Distance

Power adaptor	Detail	Available Models
AC24V 2.5A	AC adaptor,HKA-A24250-230,AC24V/2.5A,European standard AC adaptor,HKKD-12077,AC24V/2.5A,American standard AC adaptor,HKA-A24250-230-BS,AC24V2.5A,British standard AC adaptor,PSE-A1525/5060,AC100V,AC24V2.5A,Japanese standard	All DS-2D(A)F8/76/5xxx-A/A3/AW/AE/AE3/AEL models; all DS-2D(A)E7/5/4xxx-A/A3/-AE/-AE3 models
AC24V 3A	Linear power,TEAC-66-243000V,AC230V,AC24V3A,European standard Linear power,MKAC-66-243000U,AC120V,AC24V/3A,American standard Linear power,HKKD-11128,AC240V,AC24V/3A,Australian standard Linear power,TEAC-66-243000VB,AC230V,AC24V/3A,British standard	-
AC24V 5A	AC adaptor,MKAC-76-245000V,AC24V5A,British standard AC adaptor,A24-5A-950,AC120V/60Hz,AC24V5A,American standard AC adaptor,HKKD-13002,AC230V,AC24V5A,European standard	Positioning System
DC36V 4.17A	EUV-150S036ST-KW02,36V4.17A ,150W (NO AC power wire)  AC power wire, British standard AC power wire, American standard AC power wire, European standard AC power wire, Italian standard AC power wire, Japanese standard AC power wire, Australian standard AC power wire, Brazilian standard Match up with 101701022 Adaptor and power wire should be ordered together	PanoVu
DC36V 1.67A	DS-2FA3616-DZ-HW (NO AC power wire)  AC power wire, American standard, 1M, black AC power wire, European standard, 1M, black AC power wire, British standard , 1M, black AC power wire, Australian standard, 1.0M, black AC power wire, Chinese standard, 1.0M, black Match up with 302900093 Adaptor and power wire should be ordered together	iDS-2CD8426
POE injector	LAS30-57CN-RJ45(30W POE)(NO AC power wire)  LAS60-57CN-RJ45(60W POE)(NO AC power wire)  LAS75-57CN-RJ45(75W POE)(NO AC power wire)  AC power wire, British standard AC power wire, American standard AC power wire, European standard AC power wire, Italian standard AC power wire, Japanese standard AC power wire, Australian standard AC power wire, Brazilian standard Match up with 101700361 / 101700365 POE Injector and power wire should be ordered together	-

# DORI Distance (D/O/R/I)

## NETWORK CAMERA

DeepinView Series

iDS-  
2CD8C4660-  
XZS(11-40/4)  
11-40mm(W)  
11-40mm(T)  
4mm

## Find the Optimal Camera for Your Individual Security Needs

The DORI distance is a "general proximity" of distance which makes it easy to pinpoint the right camera for your needs. The DORI distance is calculated based on sensor specification and lab test result according to EN 62676-4 which defines the criteria for Detect, Observe, Recognize and Identify respectively.



iDS-  
2CD8C8660-  
XZS(11-40/4)  
11-40mm(W)  
11-40mm(T)  
4mm



iDS-  
2CD8C4860-  
XZS(11-40/4)  
11-40mm(W)  
11-40mm(T)  
4mm



iDS-  
2CD8C4660P-  
XZS(10-50/4)  
10-50mm(W)  
10-50mm(T)  
4mm



iDS-  
2CD8C4660S-  
XZS  
10-50mm(W)  
10-50mm(T)  
2.8-12mm(W)  
2.8-12mm(T)



8X46 Series  
8-32mm(W)  
8-32mm(T)



## Find the Optimal Camera for Your Individual Security Needs

### NETWORK CAMERA

DeepinView Series



## Find the Optimal Camera for Your Individual Security Needs

The DORI distance is a "general proximity" of distance which makes it easy to pinpoint the right camera for your needs. The DORI distance is calculated based on sensor specification and lab test result according to EN 62676-4 which defines the criteria for Detect, Observe, Recognize and Identify respectively.

### NETWORK CAMERA

Ultra Series

#### 5X46 Series



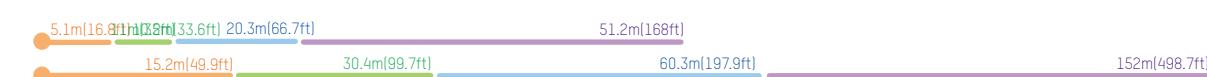
#### 5X26 Series



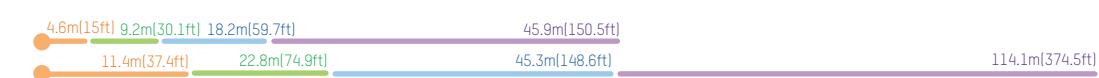
#### 4A45/4B45 Series



#### 4X36 Series



#### 4B26/4D26 Series



### DORI Distance (D/O/R/I)

- Detect:25ppm
- Observe:63ppm
- Recognize:125ppm
- Identify:250ppm

Network Camera      P/T/Z Dome Camera      Panoramic Camera      Explosion-Proof & Anti-Corrosion Series      NVR Storage      Network Data Center      Thermal Display      Commercial Decoder      Video Wall Controller      Software Accessories      DORI Distance



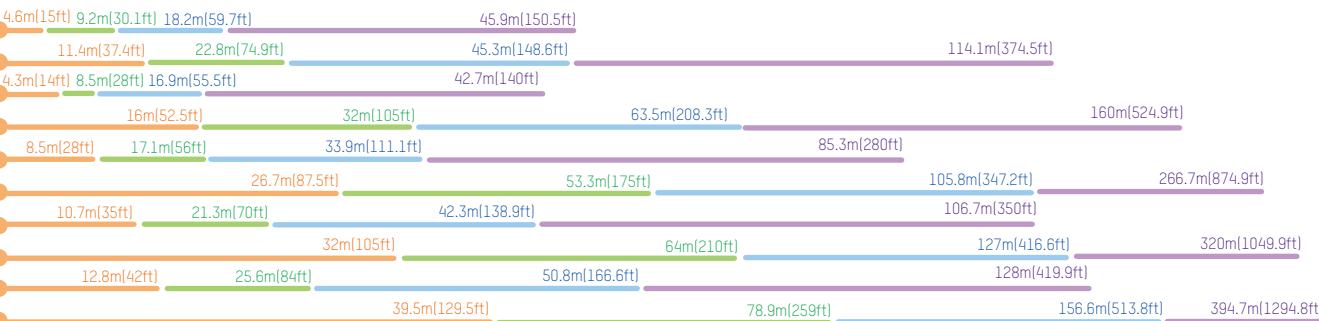
## Find the Optimal Camera for Your Individual Security Needs

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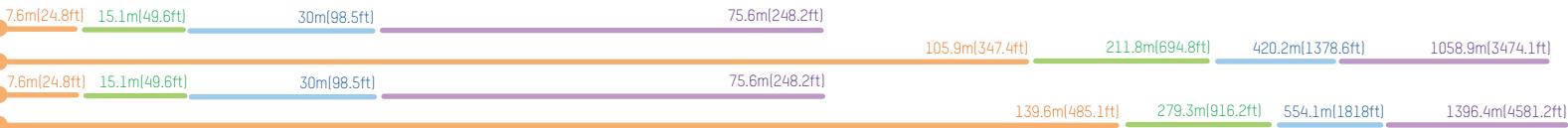
### NETWORK CAMERA

#### Ultra Series

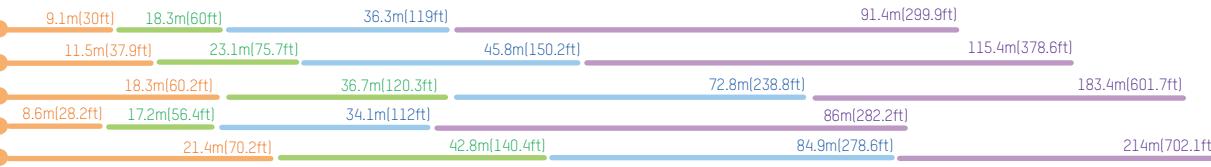
##### 4026/4A26/4626 Series



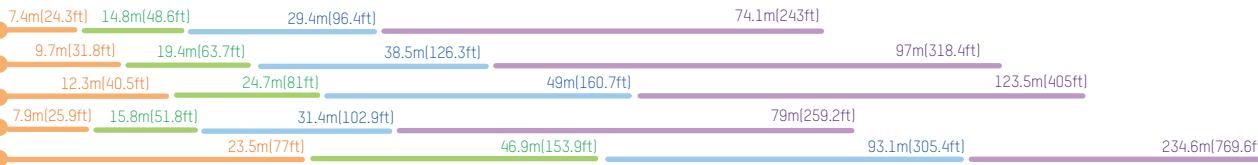
##### 4A45/4B45 Series



##### 3X85 Series



##### 3X63 Series



##### 3X55 Series



## Find the Optimal Camera for Your Individual Security Needs

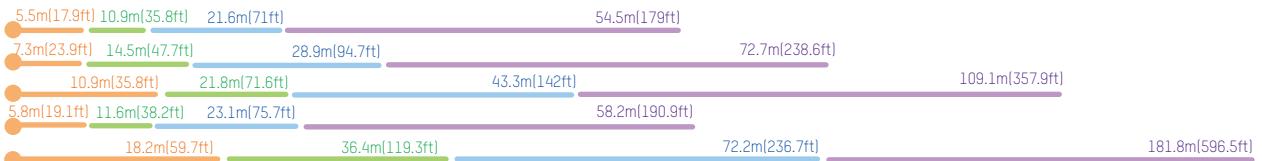
The DORI distance is a "general proximity" of distance which makes it easy to pinpoint the right camera for your needs. The DORI distance is calculated based on sensor specification and lab test result according to EN 62676-4 which defines the criteria for Detect, Observe, Recognize and Identify respectively.

### NETWORK CAMERA

Ultra Series

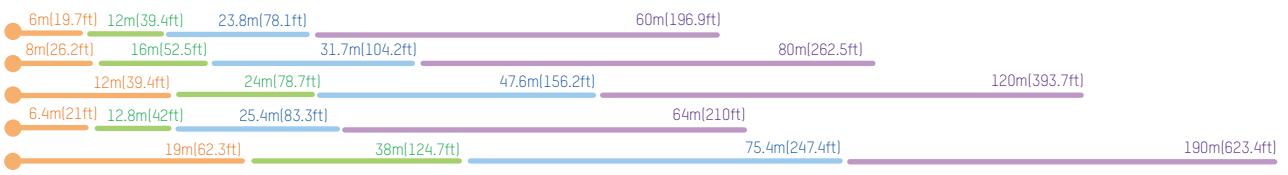
#### 3X45 Series

2.8mm  
4mm  
6mm  
2.7-13.5mm(W)  
2.7-13.5mm(T)



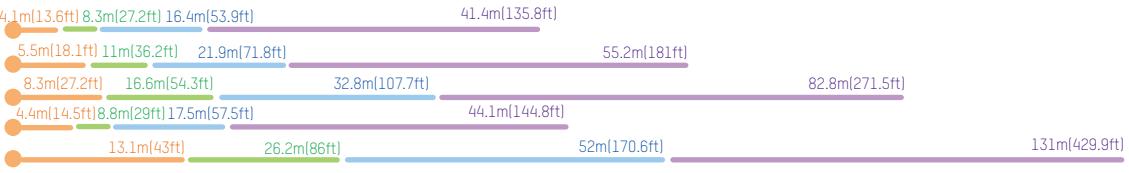
#### 3X43 Series

2.8mm  
4mm  
6mm  
2.7-13.5mm(W)  
2.7-13.5mm(T)



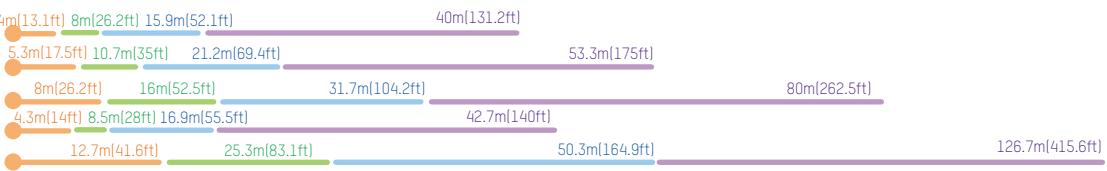
#### 3X25 Series

2.8mm  
4mm  
6mm  
2.7-13.5mm(W)  
2.7-13.5mm(T)



#### 3X23 Series

2.8mm  
4mm  
6mm  
2.7-13.5mm(W)  
2.7-13.5mm(T)



### DORI Distance (D/O/R/I)

- Detect:25ppm
- Observe:63ppm
- Recognize:125ppm
- Identify:250ppm

Network Camera      PTZ Dome Camera      Panoramic Camera      Explosion-Proof & Anti-Corrosion Series      NVR      Network Storage      Data Center      Thermal Display      Commercial Decoder      Video Wall Controller      Software Accessories      DORI Distance

m 0 10 20 30 40 50 60 70 80 90 100 150 200 250 300 ft 0 33 66 98 131 164 196 229 262 295 328 492 656 820 984

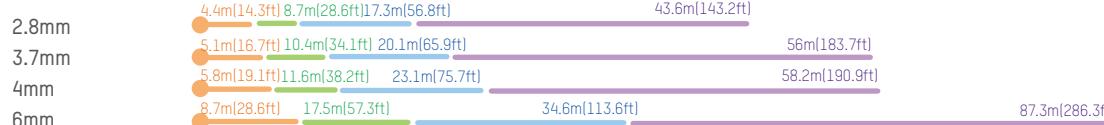
## Find the Optimal Camera for Your Individual Security Needs

The DORI distance is a "general proximity" of distance which makes it easy to pinpoint the right camera for your needs. The DORI distance is calculated based on sensor specification and lab test result according to EN 62676-4 which defines the criteria for Detect, Observe, Recognize and Identify respectively.

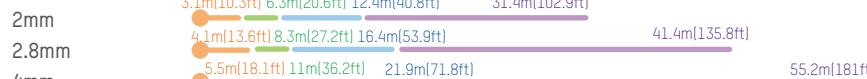
### NETWORK CAMERA

#### Special Series

##### Covert Series



##### Underwater Series

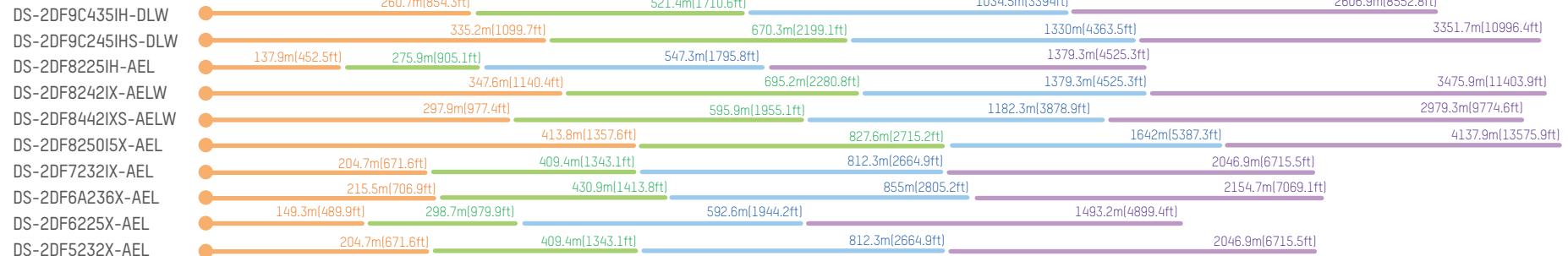


m ft  
0 0 33 66 98 131 164 196 229 262 295 328 361 394 427 460 492 525 558 591 624 656 689 722 755 788 820 853 886

### PTZ

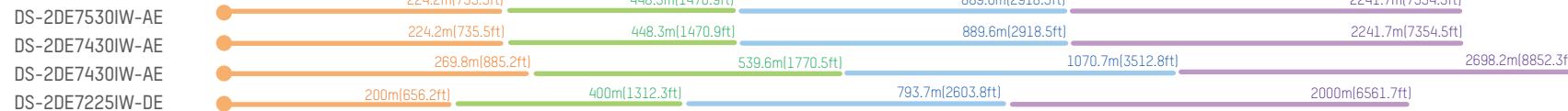
#### Ultra Series

##### DF Series



#### Pro Series

##### DE Series



m ft  
0 0 100 330 200 660 300 980 400 1310 500 1640 600 1960 700 2290 800 2620 900 2950 1000 3280 1100 14920 1500 16560 2000 2500 2500 3000 3200 3820 3980

## Find the Optimal Camera for Your Individual Security Needs

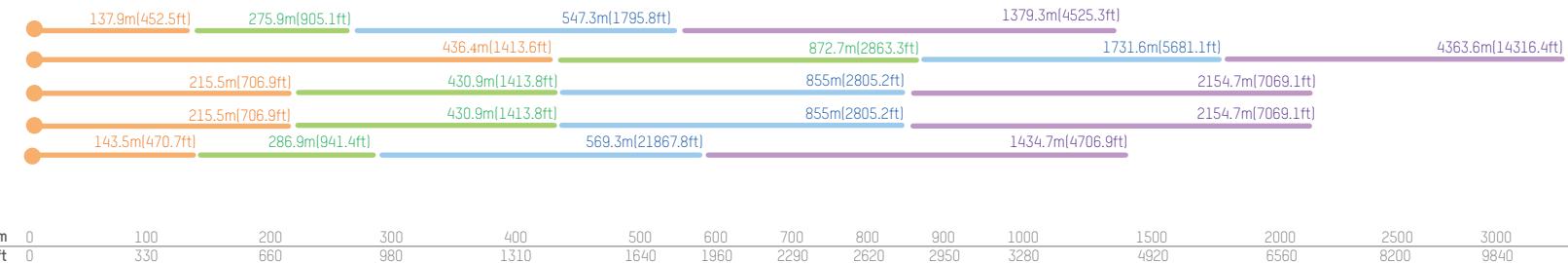
The DORI distance is a "general proximity" of distance which makes it easy to pinpoint the right camera for your needs. The DORI distance is calculated based on sensor specification and lab test result according to EN 62676-4 which defines the criteria for Detect, Observe, Recognize and Identify respectively.

### PTZ

Positioning System

#### DY Series

DS-2DY9225IH-A  
DS-2DY9250IAX-A  
DS-2DF9236IX-A  
DS-2DY7236W-A  
DS-2DY5223IW-AE



### PANORAMIC CAMERA

PanoVu

#### 6D54 Series

2.8-12mm(W)  
2.8-12mm(T)



#### 6D24 Series

2.8-12mm(W)  
2.8-12mm(T)



#### 6924 Series

4mm  
6mm



### DORI Distance (D/O/R/I)

- Detect:25ppm
- Observe:63ppm
- Recognize:125ppm
- Identify:250ppm

Network Camera	PTZ Dome Camera	Panoramic Camera	Explosion-Proof & Anti-Corrosion Series	NVR	Network Storage	Data Center	Thermal Display	Commercial Decoder	Video Wall Controller	Software	Accessories	DORI Distance
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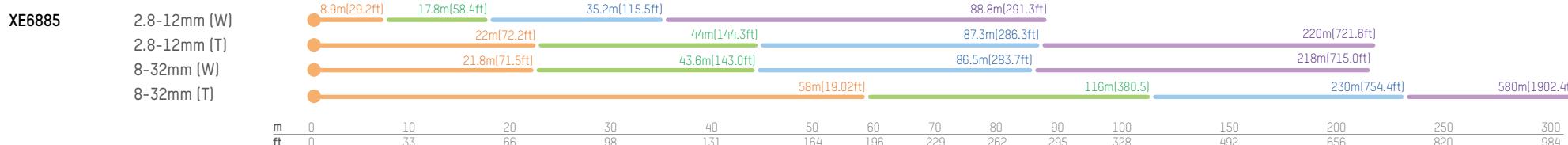
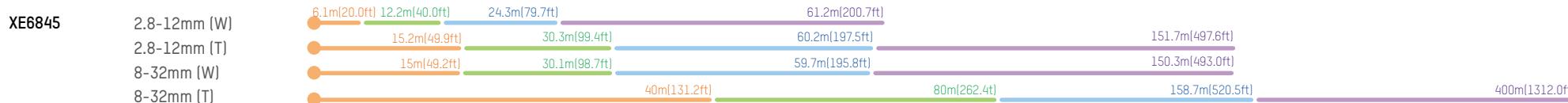
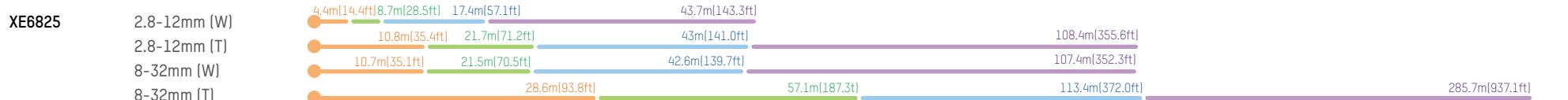
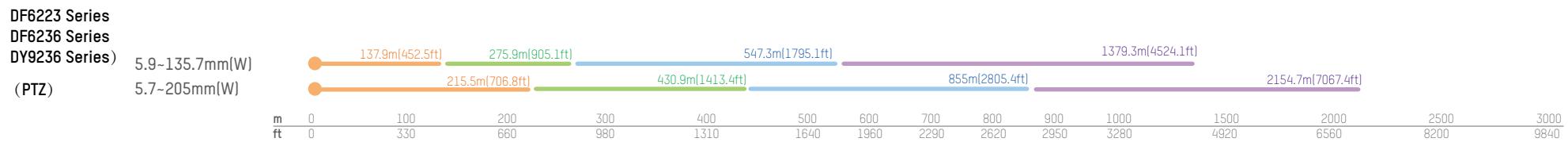
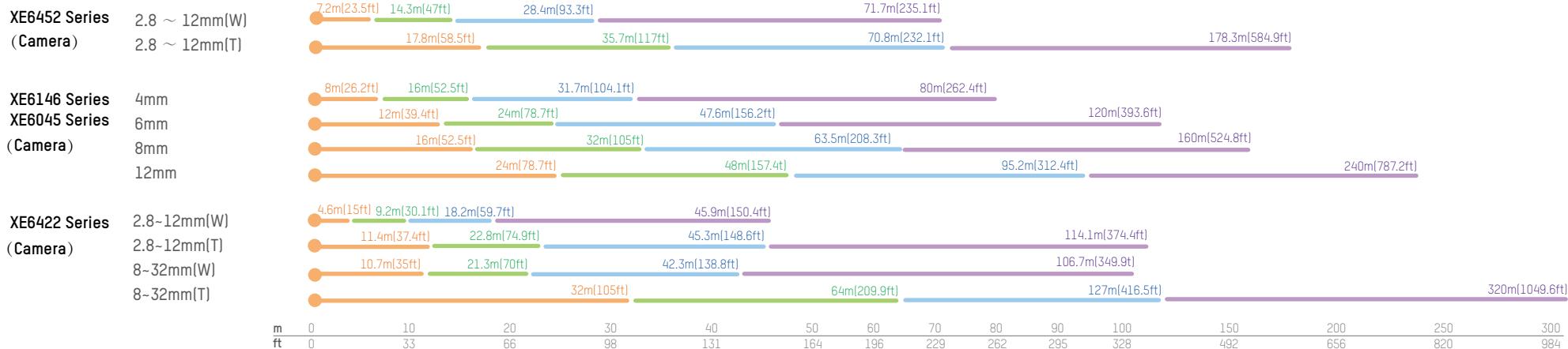


## Find the Optimal Camera for Your Individual Security Needs

The DORI distance is a "general proximity" of distance which makes it easy to pinpoint the right camera for your needs. The DORI distance is calculated based on sensor specification and lab test result according to EN 62676-4 which defines the criteria for Detect, Observe, Recognize and Identify respectively.

### EXPLOSION-PROOF & ANTI-CORROSION

Explosion-Proof  
Series



## Find the Optimal Camera for Your Individual Security Needs

The DORI distance is a "general proximity" of distance which makes it easy to pinpoint the right camera for your needs. The DORI distance is calculated based on sensor specification and lab test result according to EN 62676-4 which defines the criteria for Detect, Observe, Recognize and Identify respectively.

### EXPLOSION-PROOF & ANTI-CORROSION

Anti-Corrosion  
Series Series

**6652B Series**  
(**Camera**)  
2.8~12mm(W)  
2.8~12mm(T)



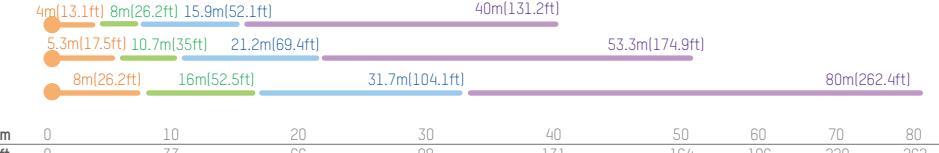
**XC6142 Series**  
(**Camera**)  
4mm  
6mm



**6626B Series**  
(**Camera**)  
2.8~12mm(W)  
2.8~12mm(T)  
8~32mm(W)  
8~32mm(T)



**XC6122 Series**  
(**Camera**)  
2.8mm  
4mm  
6mm



**DT6236 Series**  
(**PTZ**)  
5.9~135.7mm(W)



### DORI Distance (D/O/R/I)

- Detect:25ppm
- Observe:63ppm
- Recognize:125ppm
- Identify:250ppm

Network Camera  
PTZ Dome Camera  
Panoramic Camera  
Explosion-Proof & Anti-Corrosion Series  
NVR  
Network Storage  
Data Center  
Thermal Display  
Commercial Display  
Decoder  
Video Wall Controller  
Software Accessories  
DORI Distance

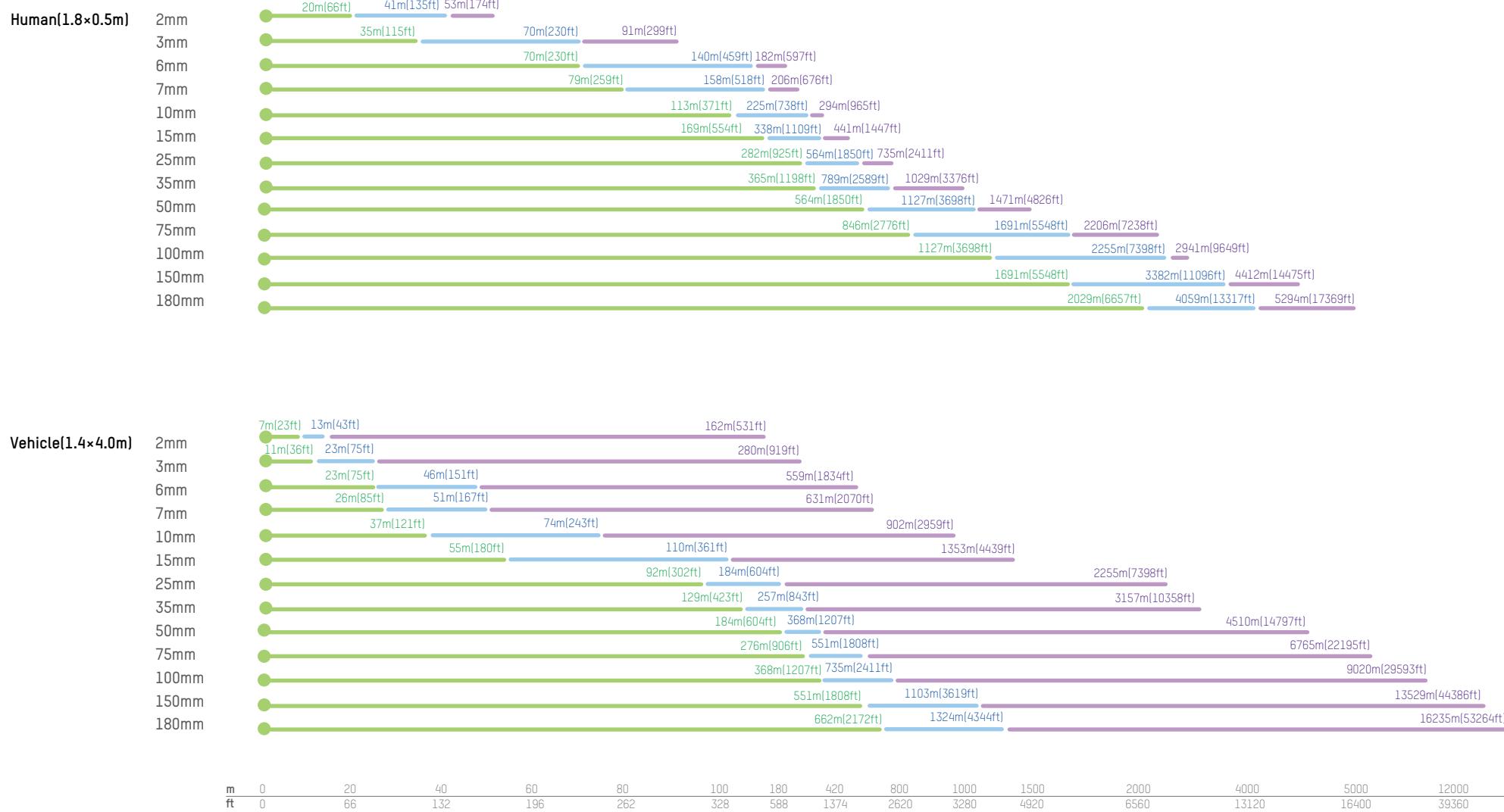
The DRI (Detection Recognition Identification) is defined in terms of the number of pixels on the object depend on a common standard, Johnson's criteria [[http://en.wikipedia.org/wiki/Johnson's\\_criteria](http://en.wikipedia.org/wiki/Johnson's_criteria)].

## DORI Distance

### (D/O/R/I)

- Detection distance
- Recognition distance
- Identification distance

## Thermal





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PRODUCT QUICK GUIDE

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