

Brighten Every Moment
Hikvision LED Displays



Easy system adjustments with intuitive, remote controls



Extended lifespan with automatic dehumidification



Effective eye protection by filtering over 90% blue light



Simplified maintenance with front service access



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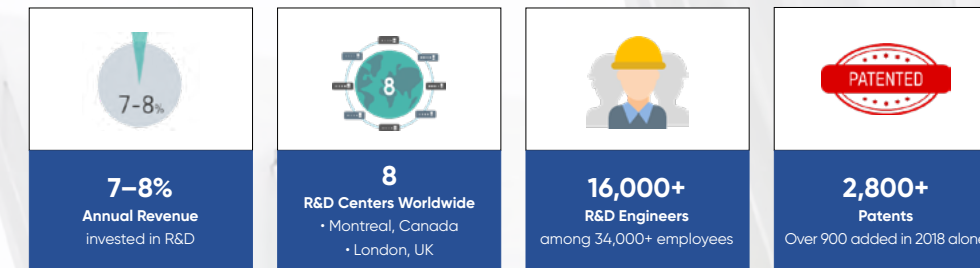
Brighten Every Moment

Hikvision LED Displays

HIKVISION

With Hikvision as Your Partner, You Will Stand on a Solid Foundation.

Hikvision is a world leading provider of security products and solutions. Featuring an extensive and highly skilled R&D workforce, Hikvision manufactures a full suite of comprehensive products and solutions for a broad range of vertical markets. In addition to the security industry, Hikvision extends its reach to smart home tech, industrial automation, and automotive electronics industries to achieve its long-term vision. Hikvision products also provide powerful business intelligence for end users, which can enable more efficient operations and greater commercial success. The outstanding capabilities and performance of Hikvision in the security and video surveillance industries have been recognized by leading analyst firms and global awards.



From the early digital age to today's intelligence era, we have seized every opportunity to advance the industry with our innovative technologies.

Hikvision's core technologies include: visual perception, cloud storage, big data, cross-media perception and reasoning, video codec, streaming media networking and management, audio and video data storage, embedded systems development.

As the pioneer in AI technology, Hikvision established an algorithm team for AI technology research in 2006. During this decade, Hikvision first launched deep learning-based servers then expand to a comprehensive range of AI products in 2016. Based on the continually researches and practices, Hikvision developed the AI Cloud structure and ranked No.1 in various global Artificial Intelligence contests.



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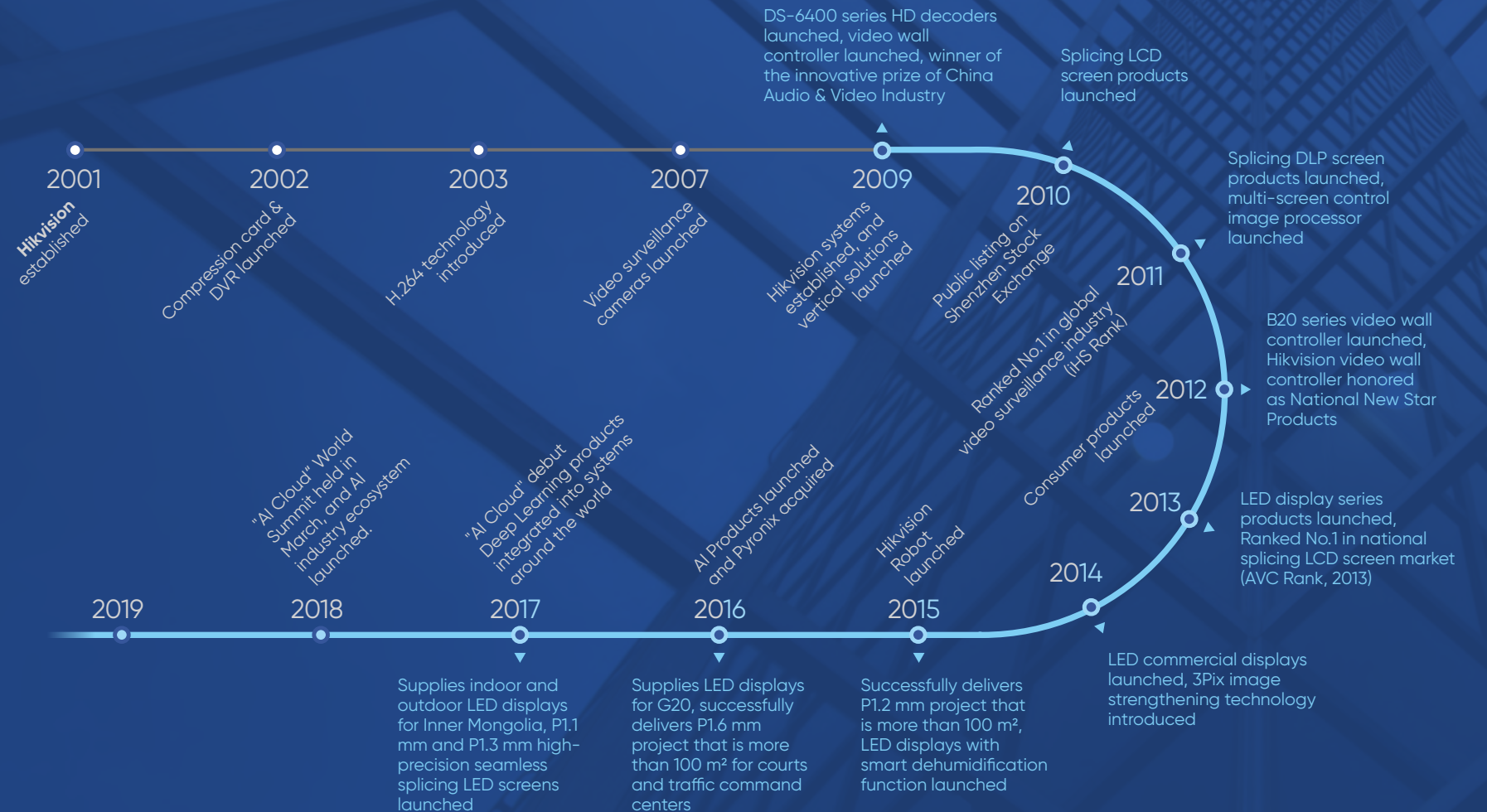
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Success Stories

Industry Pioneer

From the early digital age to today's intelligence era, Hikvision has seized every opportunity to advance the industry with our innovative technologies.

▼ Milestones of the commercial display line



D Remarkable Performance, Outstanding Reliability

The commercial display line is a true embodiment of industry-leading quality that Hikvision is proud of, offering an unrivalled visual experience to our customers. *Hikvision has won the Product Innovation Prize for Smart Interactive LED/LCD Displays in 2019 and the Brilliant Brand of 2018 High-Precision Seamless Splicing LEDs and been listed among Ten of the Most Brilliant Brands in the splicing LED industry in 2019.*

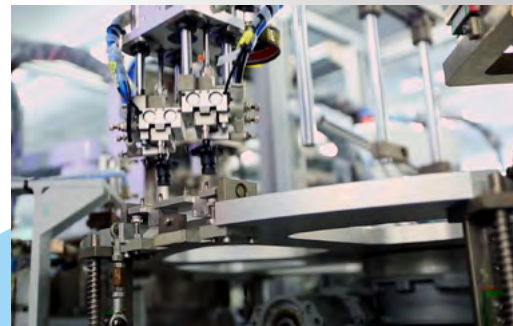
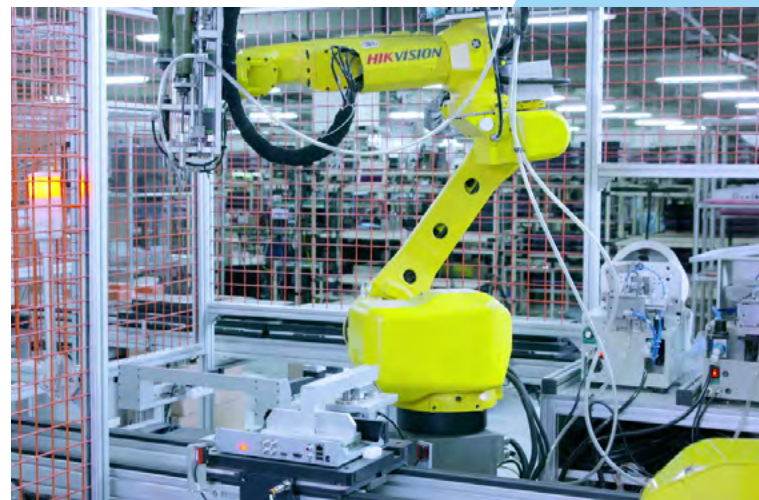


D Manufacturing Innovation

- 3** Manufacturing Bases in China
- Hangzhou: **100,000** m² (1 million sq. ft.)
 - Tonglu: **580,000** m² (6.2 million sq. ft.)
 - Chongqing: **10,000** m² (108,000 sq. ft.)

International Factories: India, Brazil

LED's monthly production capacity ($\leq P2.5$ mm) exceeds **5,000 m²**



Smart Sorting Robot



A Smart logistics delivery system has long been in use at our manufacturing facilities.

Smart Warehouse Robot

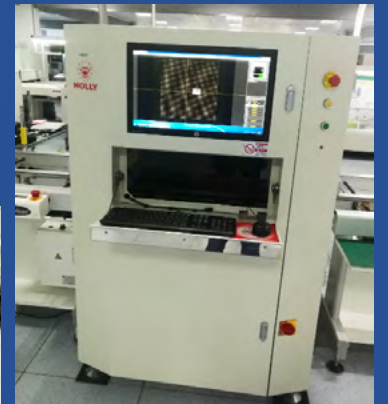


Smart Carrying Robot



D Advanced Devices for Production

We use first-class automated SMT production lines to deliver the most highly standardized quality controls for sophisticated equipment manufacturing and assembly.

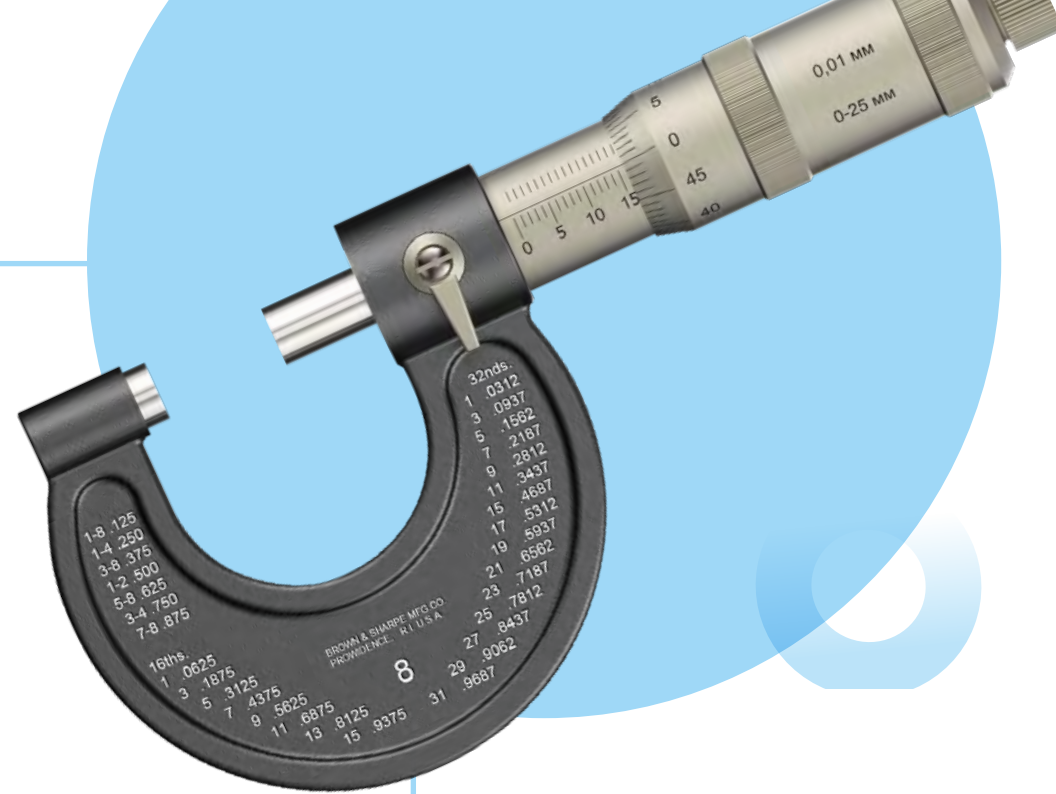


Local Service Operations

Quality Control

Quality Testing Center

Hikvision has always focused on product quality for the sake of our customers. With a testing laboratory of more than 13,000 m², we ensure that all products meet global standards including UL / CUL / FCC / CE / CCC / C-tick / RoHS / WEEE / ISO, and more.



1

2

3

4

5

Quality Management System Certificates

1. Quality Management System Certificate
2. Environmental Management System Certificate
3. Occupational health and safety management system certificate
4. Social Accountability International Standard
5. IECQ Certificate of Conformity Hazardous Substance Process Management



2 Overseas Factories

- India
- Brazil



Local Call Centers in 9 regions/countries

- Africa, North America, Oceania, Russia,
- India, Korea, UK, LATAM (Spanish), Brazil (Portuguese)



Local Hikvision After-Sales Service Points in 15 Regions

USA, Canada, UK, Netherland, Russia, Turkey, Brazil, India, Korea, Indonesia, Singapore, Philippines, Malaysia, Dubai, and Hong Kong



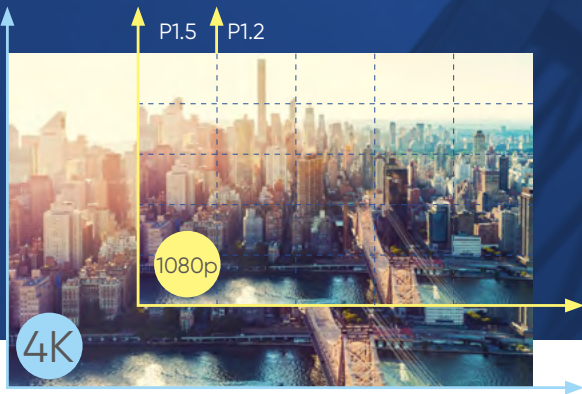
100 Authorized Maintenance Service Partners covering 7 regions in more than 70 countries.

Asia, Africa, LATAM, Middle East, Russia, Oceania and Europe

Brilliance in the Visuals

16:9 aspect ratio for common resolution

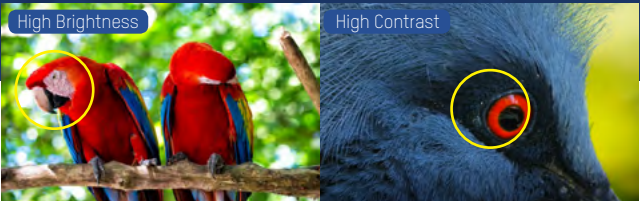
The standard structure simplifies splicing several screens together and enables easy installation and maintenance, supporting common 1080p and 4K resolution with equal proportions.



Perfect display performance

With outstanding image rendering technology, you can rest assured that Hikvision's commercial displays bring you seamless, true-to-life images and video.

Abundant Color



No Ripples



No Shadow



One-click color-temperature mode switching

Hikvision LED displays support one-click switching among multiple color-temperature modes to adapt to various scene applications.

Standard color mode



Warm color mode



Cold color mode



Pix master for superior image processing

Pix Master



Enhanced details, clearly identifiable

Improving image clarity without loss of details, each detail is clearly identifiable

Ordinary displays



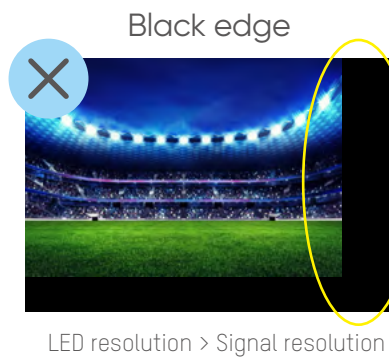
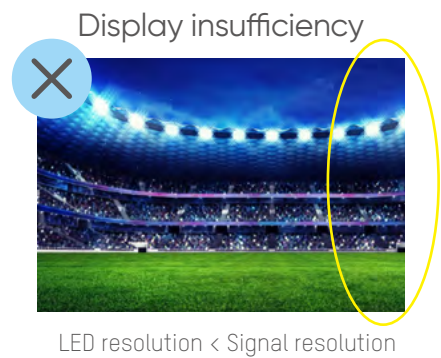
Loss of detail, blurred image details

Resolution	Pixel pitch (mm)	Inch	Numbers (Cabinets)	Area
1080p	P0.9	81"	3×3	1.82 m²
	P1.2	108"	4×4	3.24 m²
	P1.5	136"	5×5	5.06 m²
	P1.8	163"	6×6	7.29 m²
	P2.5	217"	8×8	12.96 m²
	P3.0	260"	6×12	18.66 m²
4K	P0.9	162"	6×6	7.28 m²
	P1.2	216"	8×8	12.96 m²
	P1.5	272"	10×10	20.24 m²
	P1.8	326"	12×12	29.16 m²
	P2.5	434"	16×16	51.84 m²
	P3.0	520"	12×24	74.64 m²

Intuitive System Control

Self-adapting resolution

Hikvision LEDs support automatic adjustment of any non-standard input to fit the resolution of the screen.



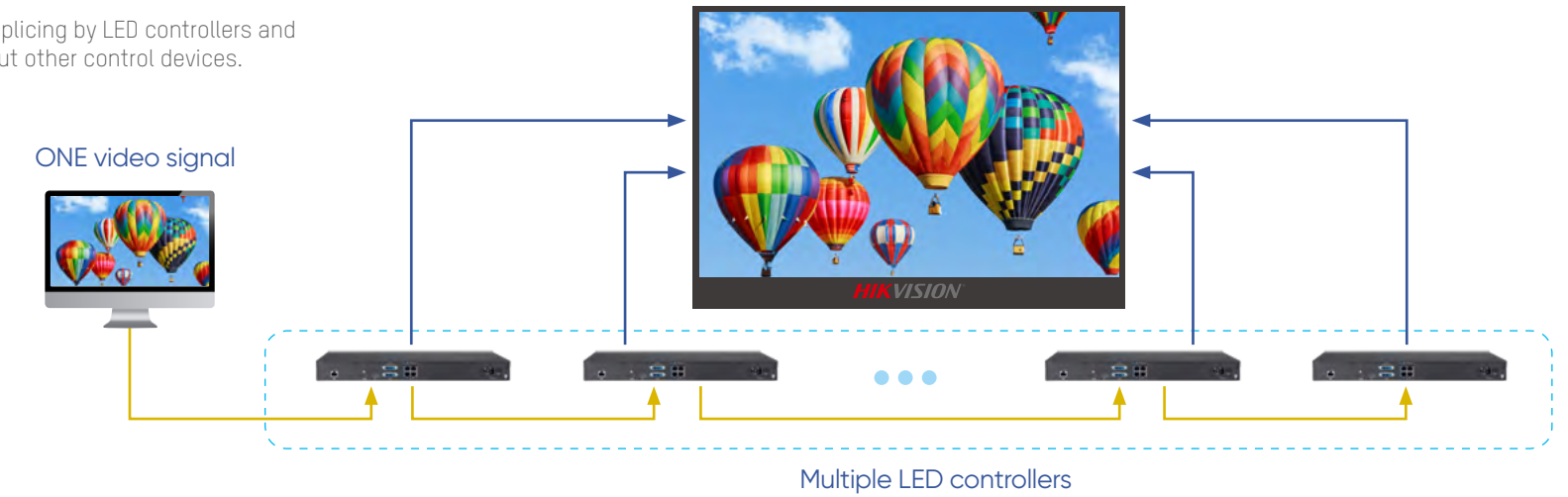
Brightness adjustment

Hikvision LEDs support convenient, remote control adjustment of brightness to match lighting environment.



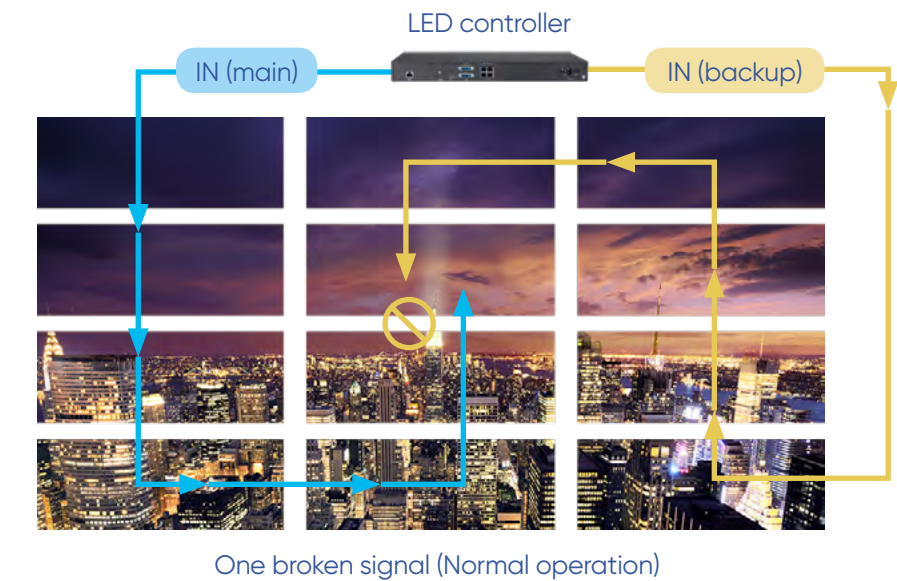
Looped self-splicing

Supports simple self-splicing by LED controllers and loop connection without other control devices.



Signal for dual backup

The two-way signal input design provides an LED screen backup. If one signal does not function correctly, the other one will automatically engage to ensure normal operation.



Extended Lifespan with Automatic Dehumidification

Automatic dehumidification

The automatic dehumidification function lowers the rate of broken light by 30% on average, effectively lengthening a display's lifespan.

Application environment



Moisture-proof in rainy season



Dehumidification in damp regions



Dehumidification in wet coastal areas

Effective Eye Protection by Filtering over 90% Blue Light

Blue light filtering

With over 90% of blue light converted to low-energy light, viewers enjoy effective eye protection.

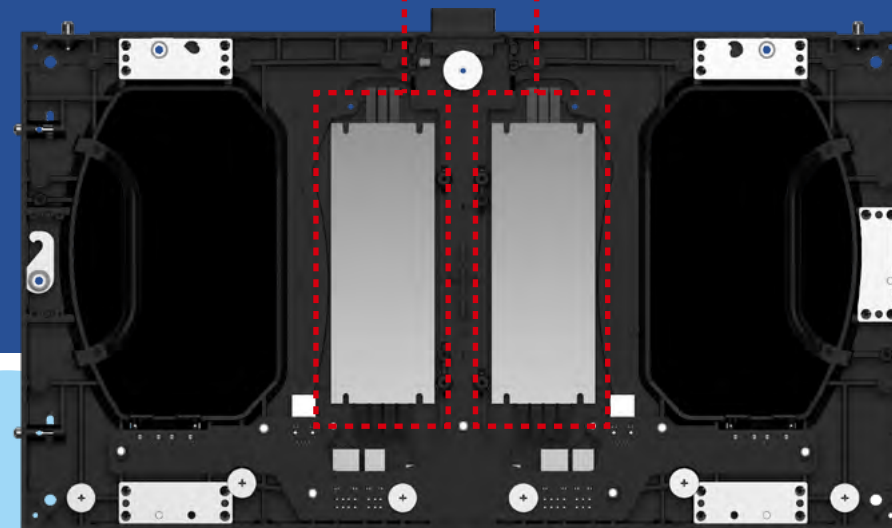
Professional TUV certification

Zertifikat		Certificate			
Zertifikat Nr.	Certificate No.	Blatt	Sheet		
Q 50423213		0003			
Ihr Zeichen	Client Reference	Unser Zeichen	Our Reference	Ausstellungsdatum	Date of Issue
244007939		01-ZJ-50190476	002	21.03.2019	(day/mo/yr)
Genehmigungsinhaber			Fertigungsstätte		
License Holder			Manufacturing Plant		
Hangzhou Hikvision Digital Technology Co., Ltd.			Hangzhou Hikvision Electronics Co., Ltd		
No. 555 Qianmo Road			No.299, Qiushi Road,		
Binjiang District, Hangzhou 310052			Tonglu Economic Development Zone,		
P. R. China			Tonglu County,		
			Hangzhou, Zhejiang, 310052		
			P. R. China		
Prüfzeichen		Geprüft nach		Tested acc. to	
		2 PFG 2383/06.16			
Geringer Blauanteil					
www.tuv.com					
ID 1419064024					
Zertifiziertes Produkt (Geräteidentifikation)					
Certified Product (Product Identification)					
Lizenzentgelte - Einheit					
License Fee - Unit					



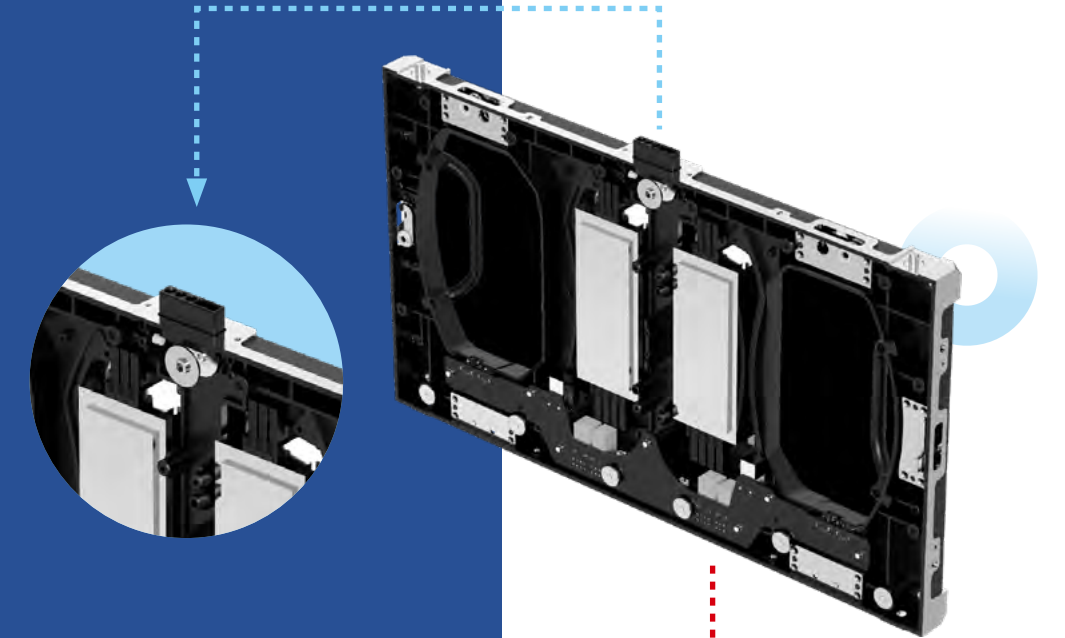
Dual Power Redundancy

Dual power backup design, ensuring more stable and secure work



High Precision Connection Interface

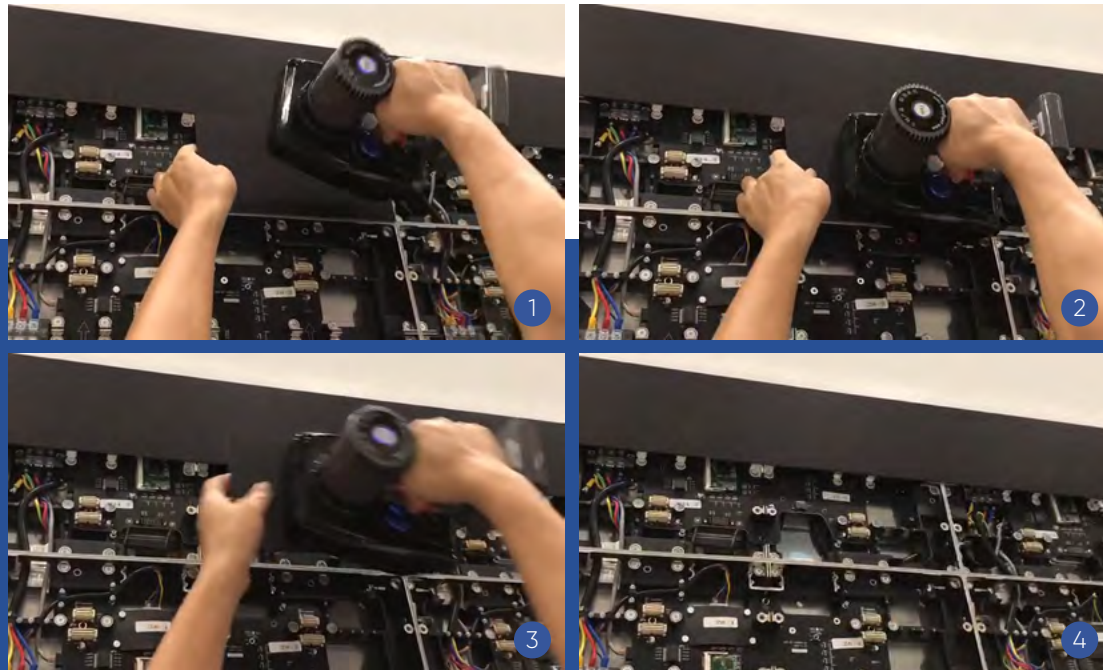
The power supply and signal wires between the cabinets in a column are integrated into the internal connection interface, which greatly improves the efficiency of on-site installation and eliminates the potential safety hazards caused by the wiring.



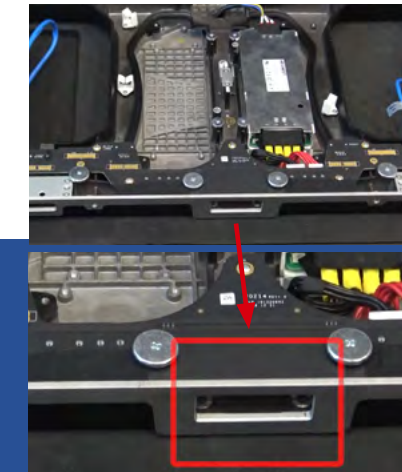
Convenient Front Maintenance

Convenient automatic cabinet removal

All cabinets, power supplies and internal electronics and cables are replaceable from the front of each unit, greatly improving installation and maintenance efficiency without complicated configuration.



No cables between cabinets



High precision connection interface



Integration of power and signal cables means no external cables



Improving the aesthetics of the installation on the site, and eliminating potential safety hazards caused by excessive wiring

Perfect Scenarios



Conference Rooms

LED full-color displays



PC signal

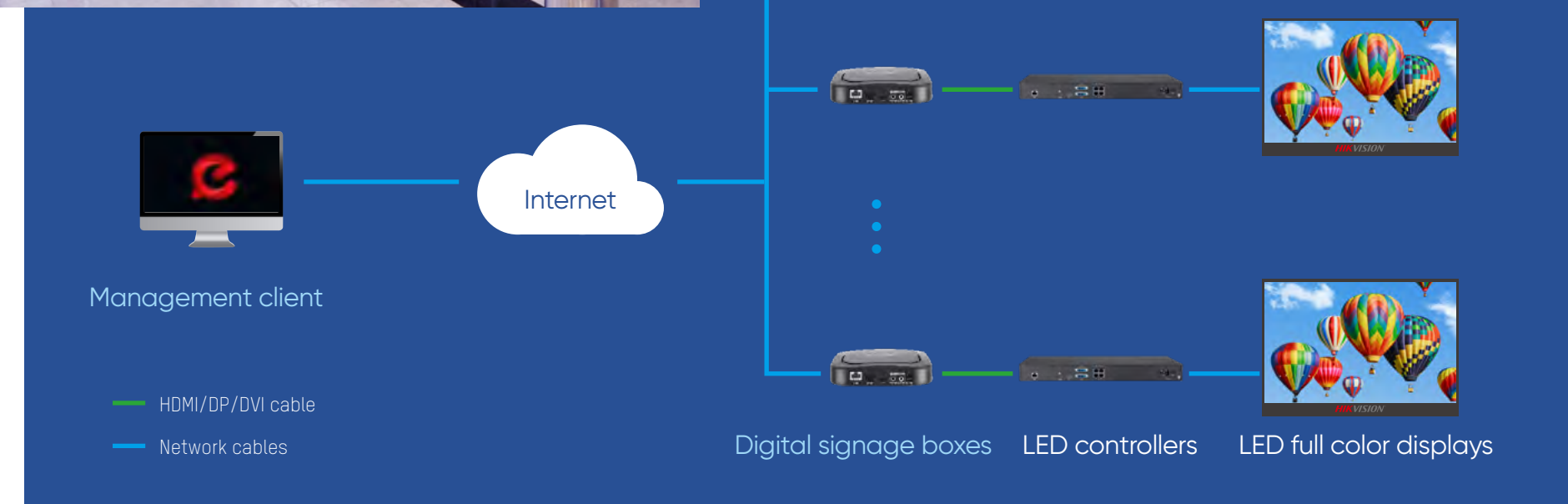
LED controller

HDMI/DP/DVI cable

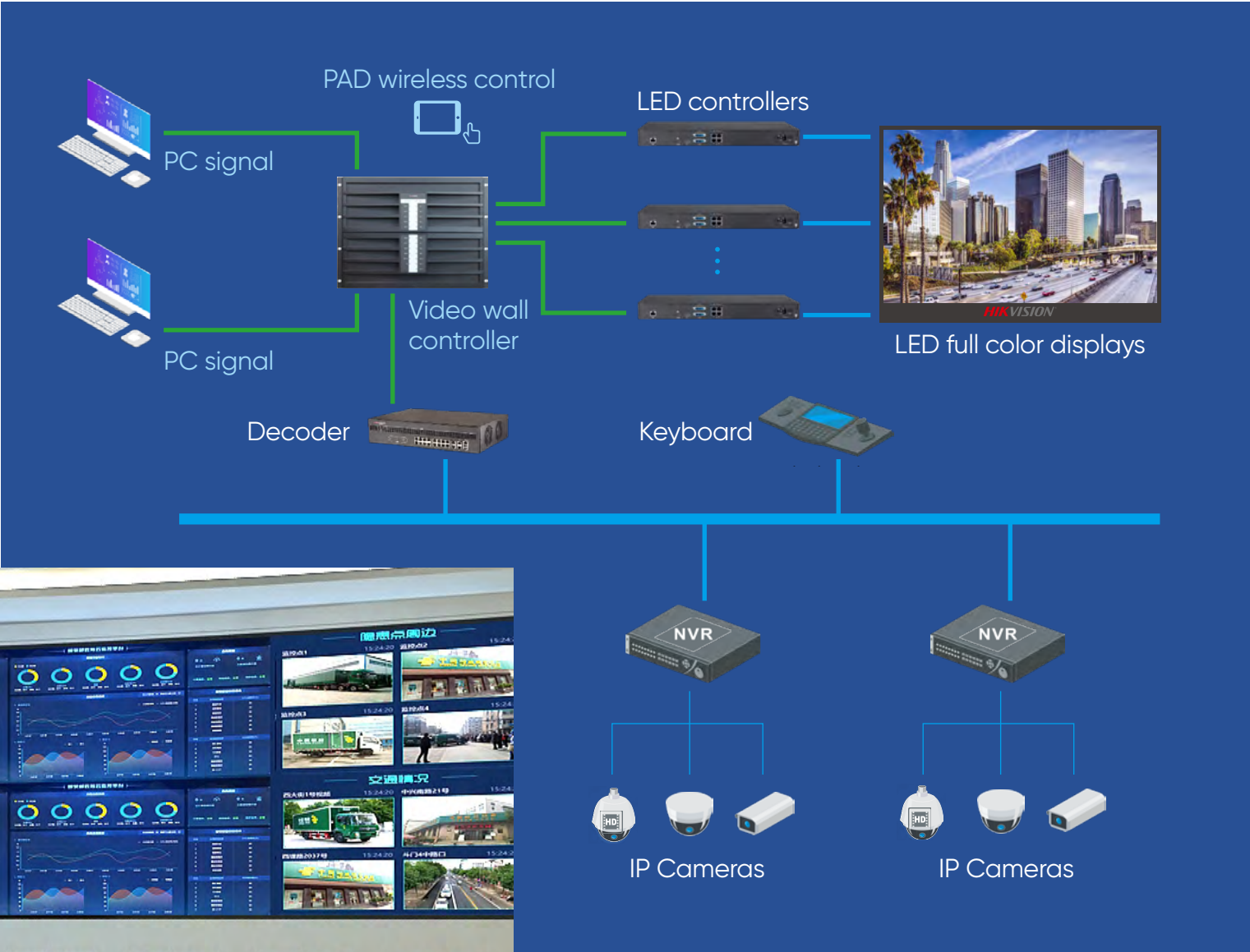
Network cables



Shopping Malls



Command Centers



Indoor LED Display







Fine Pitch LED

Model		DS-D4212FI-6WF	DS-D4214FI-6WF	DS-D4215FI-6WF	DS-D4215FI-CWF	DS-D4218FI-CWF	DS-D4225FI-CWF
Image							
Module Composition	Pixel structure	Surface mounted trinity LED	Surface mounted trinity LED	Surface mounted trinity LED	Surface mounted trinity LED	Surface mounted trinity LED	Surface mounted trinity LED
	Pixel pitch (mm)	1.25	1.44	1.56	1.56	1.875	2.5
	Module Resolution (W × H)	240 mm × 270 mm	208 mm × 234 mm	192 mm × 216 mm	192 mm × 216 mm	160 mm × 180 mm	120 mm × 136 mm
	Unit Dimension (W × H)	600 mm × 337.5 mm × 61 mm	600 mm × 337.5 mm × 61 mm	600 mm × 337.5 mm × 61 mm	600 mm × 337.5 mm × 61 mm	600 mm × 337.5 mm × 61 mm	600 mm × 337.5 mm × 61 mm
	Unit module composition (W × H)	1 × 2	1 × 2	1 × 2	1 × 2	1 × 2	1 × 2
Unit Composition	Unit Resolution (W × H)	480 x 270	416 x 234	384 × 216	384 × 216	320 × 180	240 x 136
	Unit area	0.2025 m²	0.2025 m²	0.2025 m²	0.2025 m²	0.2025 m²	0.2025 m²
	Weight	8.3 kg (18.3 lb)	8.3 kg (18.3 lb)	8.3 kg (18.3 lb)	8.3 kg (18.3 lb)	8.3 kg (18.3 lb)	8.3 kg (18.3 lb)
	Pixel density	640000 dots/m²	480711 dots/m²	409600 dots/m²	409600 dots/m²	284444 dots/m²	162590 dots/m²
	Unit Ratio	16:9	16:9	16:9	16:9	16:9	16:9
Unit Composition	Brightness(nits)	600	600	600	600	600	600
	Color Temperature	3000 to 10000 adjustable	3000 to 10000 adjustable	3000 to 10000 adjustable	3000 to 10000 adjustable	3000 to 10000 adjustable	3000 to 10000 adjustable
	Viewing Angle	Horizontal 160°, vertical 160°	Horizontal 160°, vertical 160°	Horizontal 160°, vertical 160°	Horizontal 160°, vertical 160°	Horizontal 160°, vertical 160°	Horizontal 160°, vertical 160°
	Luminous point center distance deviation	< 3%	< 3%	< 3%	< 3%	< 3%	< 3%
	Brightness uniformity	≥ 97%	≥ 97%	≥ 97%	≥ 97%	≥ 97%	≥ 97%
	Color uniformity	≤ ± 0.003 Cx, Cy	≤ ± 0.003 Cx, Cy	≤ ± 0.003 Cx, Cy	≤ ± 0.003 Cx, Cy	≤ ± 0.003 Cx, Cy	≤ ± 0.003 Cx, Cy
	Max. Contrast	≥ 3000:1	≥ 3000:1	≥ 3000:1	≥ 3000:1	≥ 3000:1	≥ 3000:1
Electrical parameters	Peak Consumption (W/m²)	750	750	750	750	336	700
	Average Consumption (W/m²)	280	280	280	280	160	202
Processing Performance	Power Supply	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%
	Drive Mode	Constant current driving	Constant current driving	Constant current driving	Constant current driving	Constant current driving	Constant current driving
	Frame Rate	60 Hz	60 Hz	60 Hz	60 Hz	60 Hz	60 Hz
	Refresh Rate	Up to 3840 Hz	Up to 3840 Hz	Up to 3840 Hz	Up to 3840 Hz	Up to 3840 Hz	Up to 3840 Hz
General	Service life (H)	≥ 100,000	≥ 100,000	≥ 100,000	≥ 100,000	≥ 100,000	≥ 100,000
	Temperature (°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	-10°C to 40°C
	Humidity (RH)	10% to 80% (non-condensing)	10% to 80% (non-condensing)	10% to 80% (non-condensing)	10% to 80% (non-condensing)	10% to 80% (non-condensing)	10% to 80% (non-condensing)

▼ Indoor Fixed LED

Model		DS-D4418FI-CAF	DS-D4420FI-CAF	DS-D4425FI-CAF	DS-D4430FI-CAF	DS-D4437FI-CAF
Image						
Module Composition	Pixel structure	1R1G1B	1R1G1B	1R1G1B	1R1G1B	1R1G1B
	Pixel pitch (mm)	1.875	2.1	2.5	3	3.75
	Module Resolution (W × H)	128 mm × 144 mm	112 mm × 128 mm	96 mm × 108 mm	80 mm × 90 mm	64 mm × 72 mm
	Unit Dimension (W × H)	240 mm × 270 mm	240 mm × 270 mm	240 mm × 270 mm	240 mm × 270 mm	240 mm × 270 mm
	Unit module composition (W × H)	2 × 2	2 × 2	2 × 2	2 × 2	2 × 2
Unit Composition	Unit Resolution (W × H)	256 x 288	224 x 256	192 x 216	160 x 180	128 x 144
	Unit area	0.2592 m²	0.2592 m²	0.2592 m²	0.2592 m²	0.2592 m²
	Weight	≤7 kg (15.4 lb)	≤7 kg (15.4 lb)	≤7 kg (15.4 lb)	≤7 kg (15.4 lb)	≤7 kg (15.4 lb)
	Pixel density	284,444 dots/m²	221,234 dots/m²	160,000 dots/m²	111,111 dots/m²	71,111 dots/m²
	Unit Ratio	16:9	16:9	16:9	16:9	16:9
Unit Composition	Brightness(nits)	600	600	600	600	600
	Color Temperature	2000 to 10000 adjustable	2000 to 10000 adjustable	2000 to 10000 adjustable	2000 to 10000 adjustable	2000 to 10000 adjustable
	Viewing Angle	Horizontal 160°, vertical 160°	Horizontal 160°, vertical 160°	Horizontal 160°, vertical 160°	Horizontal 160°, vertical 160°	Horizontal 160°, vertical 160°
	Luminous point center distance deviation	≤ 3%	≤ 3%	≤ 3%	≤ 3%	≤ 3%
	Brightness uniformity	≥ 97%	≥ 97%	≥ 97%	≥ 97%	≥ 97%
	Color uniformity	≤ ± 0.003 Cx, Cy	≤ ± 0.003 Cx, Cy	≤ ± 0.003 Cx, Cy	≤ ± 0.003 Cx, Cy	≤ ± 0.003 Cx, Cy
	Max. Contrast	≥5000 : 1	≥5000 : 1	≥5000 : 1	≥5000 : 1	≥5000 : 1
Electrical parameters	Peak Consumption (W/m²)	700	700	700	700	700
	Average Consumption (W/m²)	202	202	202	202	202
Processing Performance	Power Supply	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%
	Drive Mode	Constant current driving	Constant current driving	Constant current driving	Constant current driving	Constant current driving
	Frame Rate	60 Hz	60 Hz	60 Hz	60 Hz	60 Hz
	Refresh Rate	1,920 Hz	1,920 Hz	1,920 Hz	1,920 Hz	1,920 Hz
	Service life (H)	≥ 100,000	≥ 100,000	≥ 100,000	≥ 100,000	≥ 100,000
General	Temperature (°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
	Humidity (RH)	10% to 95% (non-condensing)	10% to 95% (non-condensing)	10% to 95% (non-condensing)	10% to 95% (non-condensing)	10% to 95% (non-condensing)

Outdoor LED Display


Model		DS-D4440FO	DS-D4450FO	DS-D4460FO	DS-D4480FO	DS-D44A0FO	DS-D44A6FO
Image							
Module Composition	Pixel structure	1R1G1B	1R1G1B	1R1G1B	1R1G1B	SMD3535	DIP346
	Pixel pitch (mm)	4.0	5.0	6.67	8.0	10.0	16.0
	Module Resolution (W × H)	80 x 40	64 x 32	32 x 32	40 x 20	32 x 16	20 x 20
	Module Dimension (W × H)	320 mm x 160 mm	320 mm x 160 mm	192 mm x 192 mm	320 mm x 160 mm	320 mm x 160 mm	256 mm x 256 mm
	Unit module composition (W × H)	3 x 6	3 x 6	5 x 5	3 x 6	3 x 6	4 x 4
Unit Composition	Unit Resolution (W × H)	240 x 240	192 x 192	144 x 144	120 x 120	96 x 96	60 x 60
	Unit area	0.9216 m²	0.9216 m²	0.9216 m²	0.9216 m²	0.9216 m²	0.9216 m²
	Weight	52 kg/m²	52 kg/m²	52 kg/m²	52 kg/m²	52 kg/m²	52 kg/m²
	Pixel density	62500 dots/m²	40000 dots/m²	27777 dots/m²	15625 dots/m²	10000 dots/m²	3906 dots/m²
	Unit Ratio	1:1	1:1	1:1	1:1	1:1	1:1
Optical Parameters	Brightness (nits)	≥5500 cd/m²	≥5500 cd/m²	≥5500 cd/m²	≥5500 cd/m²	≥5500 cd/m²	≥5500 cd/m²
	Color Temperature	2000 to 9500K adjustable	2000 to 9500K adjustable	2000 to 9500K adjustable	2000 to 9500K adjustable	2000 to 9500K adjustable	2000 to 9500K adjustable
	Viewing Angle	Horizontal 120°, vertical 120°	Horizontal 120°, vertical 120°	Horizontal 120°, vertical 120°	Horizontal 120°, vertical 120°	Horizontal 120°, vertical 120°	Horizontal 110°, vertical 50°
	Luminous point center distance deviation	< 3%	< 3%	< 3%	< 3%	< 3%	< 3%
	Brightness uniformity	≥ 95%	≥ 97%	≥ 97%	≥ 97%	≥ 97%	≥ 97%
	Color uniformity	≤ ± 0.003 Cx, Cy	≤ ± 0.003 Cx, Cy	≤ ± 0.003 Cx, Cy	≤ ± 0.003 Cx, Cy	≤ ± 0.003 Cx, Cy	≤ ± 0.003 Cx, Cy
	Peak Consumption (W/m²)	900	950	900	900	900	900
Electrical parameters	Average Consumption (W/m²)	300	315	300	300	300	300
	Power Supply	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%
Processing Performance	Drive Mode	Constant current driving	Constant current driving	Constant current driving	Constant current driving	Constant current driving	Constant current driving
	Frame Rate	60 Hz	60 Hz	60 Hz	60 Hz	60 Hz	60 Hz
	Refresh Rate	≥1920 Hz	≥1920 Hz	≥1920 Hz	≥1920 Hz	1,920 Hz	1920 Hz
	Service life (H)	>100,000	>100,000	>100,000	>100,000	>100,000	>100,000
General	Temperature (°C)	-20 to 50 °C (-4 to 122 °F)	-20 to 50 °C (-4 to 122 °F)	-20 to 50 °C (-4 to 122 °F)	-20 to 50 °C (-4 to 122 °F)	-20 to 50 °C (-4 to 122 °F)	-20 to 50 °C (-4 to 122 °F)
	Humidity (RH)	10% to 90% (non-condensing)	10% to 90% (non-condensing)	10% to 90% (non-condensing)	10% to 90% (non-condensing)	10% to 90% (non-condensing)	10% to 90% (non-condensing)

Contol device

▼ LED controller

Model		DS-D42(4)C04-H	DS-D42(4)C08-H
Image			
Interfaces	Signal input	1-ch DVI, 1-ch HDMI, 1-ch DP	1-ch DVI, 1-ch HDMI, 1-ch DP
	Signal output	4-ch RJ45 ports output, 1-ch DVI output	8-ch RJ45 ports output, 1-ch DVI output
	Signal control	Network	Network
Processing Performance	Max. resolution	3840 x 1080 @ 60Hz or 1920 x 2160 @ 60Hz	3840 x 1080 @ 60Hz or 1920 x 2160 @ 60Hz
	Frame frequency	60 Hz	60 Hz
	Refresh rate	3840 Hz	3840 Hz
	Processing depth	16 bits	16 bits
	Grey level	65535 bits	65535 bits
	Color	281.4 trillion	281.4 trillion
	Brightness control	Automatic/manual	Automatic/manual
General	Dimensions	482.6 x 250 x 44.5 mm (19 x 9.8 x 1.8 inch)	482.6 x 250 x 44.5 mm (19 x 9.8 x 1.8 inch)
	Power supply	100 to 240 VAC	100 to 240 VAC
	Average power dissipation	≤ 20 W	≤ 20 W
	Working temperature	-10 to 45 °C (14 to 113 °F)	-10 to 45 °C (14 to 113 °F)
	Storage temperature	-20 to 60 °C (-4 to 140 °F)	-20 to 60 °C (-4 to 140 °F)
	Working humidity	10 to 90%	10 to 90%
	Storage humidity	10 to 90%	10 to 90%

▼ LED multi-function card

Model		DS-D42AM2	
Image			
Interfaces	IR IN	1-ch Infrared remote control input	
	IR OUT	1-ch Infraed output	
	DATA	2-ch RJ45 ports input	
	WLAN	1-ch RJ45 port input	
Control Card Parameter	Sending Card Dimension (W× H × D)	200 × 42 × 126.7 mm (7.9 × 1.7 × 5.0 inch)	
	Sending Card Weight	0.70 kg (1.5 lb)	
Electrical Parameter	Power Supply	12 VDC, 1A	
	Electrical Parameter	8 W	
	Average Power	3 W	
General	Working Temperature	-10 to + 40 °C (+14 to +104 °F)	
	General	10 to 90%	
	Storage Temperature	-20 to + 60 °C (-4 to +140 °F)	
	Storage Humidity	10 to 90%	
	Package Dimension (W × H × D)	317 × 82 × 242 mm (12.5 × 3.2 × 9.5 inch)	
	Gross Weight	0.75 kg (1.7 lb)	




▼ Digital signage box

Model	DS-D60C-B	
Image		
Resolution	1920 x 1080p @ 30 Hz, 1920 x 1080p @ 50 Hz, 1920 x 1080p @ 60 Hz, 1280 x 720p @ 30 Hz, 1280 x 720p @ 50 Hz, 1280 x 720p @ 60 Hz, 3840 x 2160p @ 30 Hz, 3840 x 2160p @ 50 Hz, 3840 x 2160p @ 50 Hz (YCbCr420), 3840 x 2160p @ 60 Hz, 3840 x 2160p @ 50 Hz (YCbCr420)	
Interface	HDMI OUT	1-ch
	AUDIO IN	1-ch
	AUDIO OUT	1-ch
	LAN	1
	USB	2 x USB 2.0 interface
	TF Card Slot	1
Power	12 VAC, 2 A	
Working consumption	≤ 20 W	
Standby consumption	≤ 1 W	
Working temperature	0 °C to 50 °C (32 °F to 122 °F)	
Working humidity	10 % to 90 %	
Wired network	1000 M/100 M self-adaptive	
Wireless network	Wi-Fi 802.11b/g/n	
Bluetooth	Bluetooth 4.0	
Dimension	Without package	145 mm x 145 mm x 31.89 mm (5.7" x 5.7" x 1.3")
	With package	188 mm x 176 mm x 101 mm (7.4" x 6.9" x 4.0")
Weight	Net weight	0.6 kg (1.3 lb.)
	Rough weight	0.65 kg (1.4 lb.)
Built-in system	Chip	RK 3288
	CPU	4-core Cortex-A17
	GPU	Mali T764
	Operating memory	2 GB
	Internal memory	8 GB (EMMC), TF Card 32 GB
	Operating system	Android 6.0.1

▼ Video wall controller

Model		DS-C12L-0204H	
Image			
Input	Input Interface	2 × HDMI 2.0	
	Input resolution	4096 × 2160 @ 60 Hz, 4096 × 2160 @ 30 Hz, 3840 × 2160 @ 60 Hz, 3840 × 2160 @ 30 Hz, 1920 × 1080 @ 60 Hz, 1920 × 1080 @ 50 Hz, 1920 × 1200 @ 60 Hz, 1600 × 1200 @ 60 Hz, 1680 × 1050 @ 60 Hz, 1280 × 1024 @ 60 Hz Input resolution customizable	
Output	Output interface	4 × HDMI 2.0	
	Output resolution	4096 × 2160 @ 60 Hz, 3840 × 2160 @ 60 Hz, 1920 × 1080 @ 60 Hz, 1920 × 1200 @ 60 Hz, 1080 × 1920 @ 60 Hz, 1200 × 1920 @ 60 Hz When HDMI OUT 1 is inputting signals of 4K @ 60 Hz, HDMI OUT 2, 3, and 4 are unavailable.	
Other Interface	Network interface	1 × RJ45 10 M / 100 M / 1000 Mbps self-adaptive Ethernet interface	
	Audio output	1 × 3.5 mm Audio Interface	
	Serial port	1 × RS-232 debugging port	
		1 × RS-232/RS-485 control port	
	Sync port	1 × Sync IN interface	
		1 × Sync OUT interface	
General	Cascading interface	1 × LOOP OUT interface	
	Infrared interface	1 × IR interface	
	Control method	Client, front panel	
	Power supply	12 VDC (external)	
	Power consumption	18 W	
	Working temperature	-10°C to 45°C	
	Working humidity	10% to 90% RH	
	Dimension	222.8 mm × 41.8 mm × 154.2 mm (8.77 inch × 1.65 inch × 6.07 inch) (W × H × D)	
	Weight	1.1 Kg (2.43 lb)	

▼ Video wall controller

Model		DS-C10S-S09T	DS-C10S-S11T	DS-C10S-S22T
Image				
Hardware	Slot Number	9 (6 × Input, 3 × Output)	11 (6 × Input, 5 × Output)	22 (12 × Input, 10 × Output)
Motherboard (DS-C10S-MSUT)	Network Interface	One 10 M / 100 M / 1000 M self-adaptive Ethernet interface		
	USB Interface	1 × USB 2.0 (Reserved)		
	RS-232 Serial Interface	2		
Network Decoding Board (DS-C10S-SIUT)	Decoding Performance	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.		
DVI Input Board (DS-C10S-DI4T)	Interface	4 × DVI interface		
	DVI Input Resolution	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		
VGA Input Board (DS-C10S-VI4T)	Interface	4 × VGA interface		
	RGB Input Resolution	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 The VGA to DVI adaptor is required for VGA input.		
HDMI Input Board (DS-C10S-HI4T)	Interface	4 × HDMI interface		
	DVI Input Resolution	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 @ 30Hz, Only No. 1 and 3 interfaces support 3840 × 2160 @ 30 Hz		
YPbPr Input Board (DS-C10S-YI4T)	Input	4 × YPBPr interface		
	DVI Input Resolution	576p @ 50 Hz, 480p @ 60 Hz, 720p @ 50 Hz, 720p @ 60 Hz, 1080p @ 50 Hz, 1080p @ 60 Hz The DVI to YPBPr adaptor is required for YPBPr input.		
DP Input Board (DS-C10S-DPI4T)	Interface	4 × DP interface		
	DP Input Resolution	Custom resolution, 1024 × 768 @ 60 Hz, 1024 × 768 @ 75 Hz, 1280 × 720 @ 50 Hz, 1280 × 720 @ 60Hz, 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 @ 30Hz, Only No. 1 and 3 interfaces support 3840 × 2160 @ 30 Hz		

DVI Output Board (DS-C10S-DO4T)	Interface	4 × DVI interface	
	DVI Output Resolution	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	
VGA Output Board (DS-C10S-VO4T)	Interface	4 × VGA interface	
	VGA Output Resolution	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 The DVI to VGA adaptor is required for VGA output.	
HDMI Output Board (DS-C10S-HO4T)	Interface	4 × HDMI interface	
	HDMI Output Resolution	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	
Others	Power Supply	100 to 240 VAC, 50 or 60 Hz	
		A built-in power supply	Built-in redundant power supply
	Consumption	≤ 250 W (full-loaded)	≤ 450 W (full-loaded)
	Working Temperature	+0° C to +50° C (+32° F to +122° F)	
	Working Humidity	10% to 90% (non-condensing)	
	Chassis	Standard 4U chassis	Standard 8U chassis
	Dimension	352 × 177 × 442.4 mm (13.9 × 7 × 17.4 inch)	352 × 354 × 442.4 mm (13.9 × 13.9 × 17.4 inch)
	Weight	≤ 20 kg (full-loaded)	≤ 35 kg (full-loaded)

Success Stories

Traffic Command Center

- P1.2 mm 200 m²
- Curved screen
- Real-time display of traffic monitoring in the city



Court Center

- P1.6 mm 120 m²
- U-shaped screen
- Broadcasting guide information, welcoming visitors



Expo Command Center

- P1.2 mm 150 m²
- Supporting security, monitoring, command, scheduling, and more.



Traffic Information Center

- P1.2 mm 133 m²
- Supporting collection and analysis of traffic information data



Great Hall

- P1.2 mm 102 m²
- Holding lectures, concerts, seminars, events



Building Conference Center

- P1.9 mm 35 m²
- seminars, events



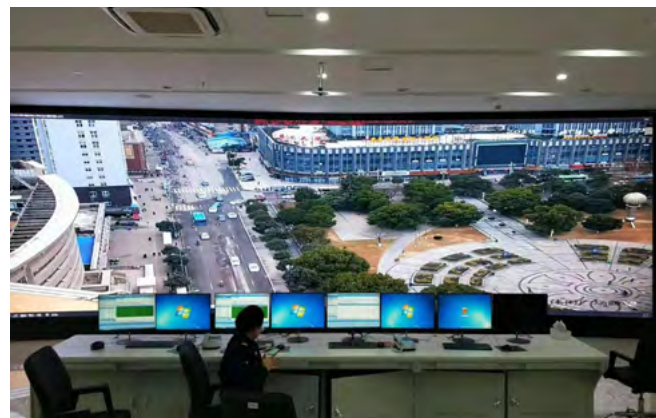
Community Management Center

- P1.8 mm 75 m²
- Supporting the construction and management of an intelligent community



Factory Security Center

- P1.2 mm 25 m²
- Curved screen
- Supporting security, dispatch, scheduling, and more.



Police Command Center

- P1.5 mm 34 m²
- Supporting security, monitoring, command, scheduling, etc.



Scenic Spot Dispatch

- P1.6 mm 23 m²
- Supporting statistical analysis and management of tourist data



Enterprise Conference Center

- P2.5 mm 30 m²
- Displaying conference contents, information broadcasting



Football Stadium

- P10 mm 281 m²
- Live sports events, sports publicity



Celebration Event

- P16 mm 850 m²
- Live celebration broadcast



International Cultural Activities

- P4 mm 322 m²
- Broadcasting promotional videos, guidance information, advertisements, welcome banners



The School Square

- P6 mm 108 m²
- Curved screen
- Playing school publicity videos



Botanic Garden

- P8 mm 150 m²
- Publicity, daily travel information

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