

HIKVISION

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DS-2CD2043G2-LI(2U) 4 MP Acusense Smart Hybrid Light Fixed Bullet Network Camera

AcuSense



- High quality imaging with 4 MP resolution
- Acusense: Focus on human and vehicle classification based on deep learning
- Smart Hybrid Light: Integrates IR and White lights, 4 supplemental lighting modes
- -2U: Built-in arrayed dual-microphone for real-time high quality audio security
- Clear imaging against strong back light due to 120 dB true WDR technology
- Efficient H.265+ compression technology
- Water and dust resistant (IP67)



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Specification

Camera		
Image Sensor	1/2.9" Progressive Scan CMOS	
Max. Resolution	2688 × 1520	
Min. Illumination	Color: 0.005 Lux @ (F1.6, AGC ON), B/W: 0 Lux with light	
Shutter Time	1/3 s to 1/100,000 s	
Day & Night	IR cut filter	
Angle Adjustment	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°	
Lens		
Lens Type	Fixed focal lens, 2.8, 4, and 6 mm optional	
	2.8 mm, horizontal FOV 104°, vertical FOV 57°, diagonal FOV 122°	
Focal Length & FOV	4 mm, horizontal FOV 84°, vertical FOV 45°, diagonal FOV 100°	
	6 mm, horizontal FOV 52°, vertical FOV 28°, diagonal FOV 61°	
Lens Mount	M12	
Iris Type	Fixed	
Aperture	F1.6	
	2.8 mm: 1.4 m to ∞	
Depth of Field	4 mm: 1.5 m to ∞	
	6 mm: 3.5 m to ∞	
DORI		
	2.8 mm, D: 63 m, O: 25 m, R: 12 m, I: 6 m	
DORI	4 mm, D: 78 m, O: 31 m, R: 15 m, I: 7 m	
	6 mm, D: 128 m, O: 50 m, R: 25 m, I: 12 m	
Illuminator		
Supplement Light Type	IR, White Light	
Supplement Light Range	Up to 40 m	
Smart Supplement Light	Yes	
IR Wavelength	850 nm	
Video		
	50 Hz:	
Main Stroom	25 fps (2688 × 1520, 1920 × 1080, 1280 × 720)	
Main Stream	60 Hz:	
	30 fps (2688 × 1520, 1920 × 1080, 1280 × 720)	
Sub-Stream	50 Hz: 25 fps (1280 × 720, 640 × 480, 640 × 360)	
Sub-Silean	60 Hz: 30 fps (1280 × 720, 640 × 480, 640 × 360)	
	50 Hz: 10 fps (1920 × 1080, 1280 × 720, 640 × 480, 640 × 360)	
Third Stream	60 Hz: 10 fps (1920 × 1080, 1280 × 720, 640 × 480, 640 × 360)	
	*Third stream is supported under certain settings.	
	Main stream: H.265/H.264/H.264+/H.265+,	
Video Compression	Sub-stream: H.265/H.264/MJPEG,	
	Third stream: H.265/H.264,	
	*Third stream is supported under certain settings.	
Video Bit Rate	32 Kbps to 8 Mbps	
Н.264 Туре	Baseline Profile, Main Profile, High Profile	
Н.265 Туре	Main Profile	
Scalable Video Coding (SVC)	lable Video Coding (SVC) H.264 and H.265 encoding	



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Bit Rate Control	CBR, VBR				
Region of Interest (ROI)	1 fixed region for main stream and sub-stream				
Target Cropping	Yes				
Audio					
Audio Compression	-2U: G.711/G.722.1/G.726/MP2L2/PCM/MP3/AAC-LC				
	-2U: 64 Kbps (G.711ulaw/G.711alaw)/16 Kbps (G.722.1)/16 Kbps (G.726)/32 to 160				
Audio Bit Rate	Kbps (MP2L2)/8 to 320 Kbps (MP3)/16 to 64 Kbps (AAC-LC)				
Audio Sampling Rate	-2U: 8 kHz/16 kHz/32 kHz/48 kHz				
Environment Noise Filtering	-2U: Yes				
Network					
Hetwork .	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, NTP, UPnP,				
Protocols	SMTP, IGMP, 802.1X, QoS, IPv4, IPv6, UDP, Bonjour, SSL/TLS, PPPoE, SNMP,				
1000003	WebSocket, WebSockets				
Simultaneous Live View	Up to 6 channels				
API	ONVIF (Profile S, Profile G), ISAPI, SDK, ISUP				
User/Host	Up to 32 users				
	3 user levels: administrator, operator, and user				
Converting (Password protection, complicated password, HTTPS encryption, IP address filter,				
Security	Security Audit Log, basic and digest authentication for HTTP/HTTPS, TLS 1.1/1.2/1.3,				
	WSSE and digest authentication for Open Network Video Interface				
Client	iVMS-4200, Hik-Connect, Hik-Central				
	NAS (NFS, SMB/CIFS), Auto Network Replenishment (ANR),				
Network Storage	Together with high-end Hikvision memory card, memory card encryption and health				
	detection are supported.				
	Plug-in required live view: IE 11,				
Web Browser	Plug-in free live view: Chrome 80+, Firefox 80+, Edge 89+, Safari 13+,				
	Local service: Chrome 80+, Firefox 80+, Edge 89+, Safari 13+				
Image					
Image Parameters Switch	Yes				
Day/Night Switch	Day, Night, Auto, Schedule				
Wide Dynamic Range (WDR)	120 dB				
SNR	≥ 52 dB				
Image Enhancement	BLC, HLC, 3D DNR				
Privacy Mask	8 programmable polygon privacy masks				
Interface					
Ethernet Interface	1 RJ45 10 M/100 M self-adaptive Ethernet port				
On-Board Storage	Built-in memory card slot, support microSD/microSDHC/microSDXC card, up to 512 GB				
Reset Key	Yes				
Audia	Built-in Microphone:				
Audio	-2U: Arrayed dual-microphone				
Event					
Desis Frank	Motion detection (support alarm triggering by specified target types (human and				
Basic Event	vehicle)), video tampering alarm, exception				
Linkage	Upload to FTP/NAS/memory card, notify surveillance center, send email, trigger				



Deep Learning Function			
	Line crossing, intrusion		
Perimeter Protection	Support alarm triggering by specified target types (human and vehicle)		
General			
	12 VDC \pm 25%, 0.5 A, max. 6 W, reverse polarity protection, Ø5.5 mm coaxial power		
Power	plug,		
	PoE: IEEE 802.3af, Class 3, max. 7.5 W		
Material	Metal		
Dimension	Ø74.4 mm × 176.3 mm (Ø2.93" × 6.94")		
Package Dimension	234 mm × 120 mm × 117 mm (9.2" × 4.7" × 4.6")		
Weight	Approx. 515 g (1.1 lb.)		
With Package Weight	ackage Weight Approx. 760 g (1.7 lb.)		
Storage Conditions	-30 °C to 60 °C (-22 °F to 140 °F). Humidity 95% or less (non-condensing)		
Startup and Operating Conditions	-30 °C to 60 °C (-22 °F to 140 °F). Humidity 95% or less (non-condensing)		
	33 languages: English, Russian, Estonian, Bulgarian, Hungarian, Greek, German, Italian,		
	Czech, Slovak, French, Polish, Dutch, Portuguese, Spanish, Romanian, Danish, Swedish,		
Language	Norwegian, Finnish, Croatian, Slovenian, Serbian, Turkish, Korean, Traditional Chinese,		
	Thai, Vietnamese, Japanese, Latvian, Lithuanian, Portuguese (Brazil), Ukrainian		
General Function	Heartbeat, mirror, flash log, password reset via email, pixel counter, anti-banding		
Approval			
	CE-EMC: EN 55032:2015+A1:2020, EN 50130-4:2011+A1:2014, EN IEC		
	61000-3-2:2019+A1:2021, EN 61000-3-3:2013+A1:2019+A2:2021,		
EMC	RCM: AS/NZS CISPR 32: 2015,		
	IC: ICES-003: Issue 7,		
	KC: KN32: 2015, KN35: 2015		
	CB: IEC 62368-1: 2014+A11,		
Safety	CE-LVD: EN 62368-1: 2014/A11: 2017,		
Salety	BIS: IS 13252 (Part 1): 2010/IEC 60950-1: 2005,		
	LOA: IEC/EN 60950-1		
	CE-RoHS: 2011/65/EU,		
Environment	WEEE: 2012/19/EU,		
	Reach: Regulation (EC) No 1907/2006		
Protection	IP67: IEC 60529-2013		

Typical Application

Hikvision products are classified into three levels according to their anti-corrosion performance. Refer to the following description to choose for your using environment.

This model has NO SPECIFIC PROTECTION.

Level	Description	
Top-level protection	Hikvision products at this level are equipped for use in areas where professional	
	anti-corrosion protection is a must. Typical application scenarios include coastlines,	
	docks, chemical plants, and more.	
Moderate protection	Hikvision products at this level are equipped for use in areas with moderate	
	anti-corrosion demands. Typical application scenarios include coastal areas about 2	

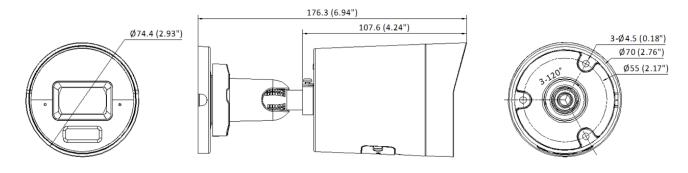


	kilometers (1.24 miles) away from coastlines, as well as areas affected by acid rain.
No specific protection	Hikvision products at this level are equipped for use in areas where no specific
	anti-corrosion protection is needed.

Available Model

DS-2CD2043G2-LI(2.8mm) DS-2CD2043G2-LI(4mm) DS-2CD2043G2-LI(6mm) DS-2CD2043G2-LI2U(2.8mm) DS-2CD2043G2-LI2U(4mm) DS-2CD2043G2-LI2U(6mm)

Dimension



Unit: mm (inch)

Accessory

Optional

DS-1275ZJ-SUS Vertical pole mount	DS-1276ZJ-SUS Corner mount	DS-1280ZJ-XS Junction box
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		B



Headquarters No.555 Qianmo Road, Binjiang District, Hangzhou 310051, China T +86-571-8807-5998 www.hikvision.com

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Hikvision Corporate Channel



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