

DS-2CD1143G2-LIU(F) 4 MP Fixed Dome Network Camera



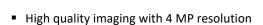












- Support Human and Vehicle Detection
- Smart Hybrid Light: advanced technology with long range
- Built-in microphone for real-time audio security
- Support on-board storage up to 512 GB (SD card slot) (Optional)
- Efficient H.265+ compression technology
- Water and dust resistant (IP67) and vandal resistant (IK08)



SpecificationCamera

Camera					
Image Sensor	1/3" Progressive Scan CMOS				
Max. Resolution	2560 × 1440				
Shutter Time	1/3 s to 1/100,000 s				
Min. Illumination	Color: 0.005 Lux @ (F1.6, AGC ON), B/W: 0 Lux with IR				
Day & Night	IR cut filter				
Angle Adjustment	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°				
Lens					
Lens Type	Fixed focal lens, 2.8 and 4 mm optional				
Focal Length & FOV	2.8 mm, horizontal FOV 98°, vertical FOV 54°, diagonal FOV 114°				
	4 mm, horizontal FOV 78°, vertical FOV 42°, diagonal FOV 93°				
Lens Mount	M12				
Iris Type	Fixed				
Aperture	F1.6				
DORI					
DOBI	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				
Illuminator					
Supplement Light Type	IR, White Light				
Supplement Light Range	Up to 30 m				
Smart Supplement Light	Yes				
IR Wavelength	850 nm				
Video					
Main Stream	50 Hz: 20 fps (2560 × 1440) 25 fps (1920 × 1080, 1280 × 720) 60 Hz: 20 fps (2560 × 1440) 24 fps (1920 × 1080, 1280 × 720)				
Sub Stroom	50 Hz: 25 fps (1280 × 720, 640 × 480, 640 × 360)				
Sub-Stream	60 Hz: 24 fps (1280 × 720, 640 × 480, 640 × 360)				
Video Compression	Main stream: H.265+/H.265/H.264+/H.264,				
Tideo compression	Sub-stream: H.265/H.264/MJPEG				
Video Bit Rate	32 Kbps to 8 Mbps				
H.264 Type	Baseline Profile, Main Profile, High Profile				
H.265 Type	Main Profile				
Bit Rate Control	CBR, VBR				
Region of Interest (ROI)	1 fixed region for main stream				
Audio					
Audio Type	Mono sound				
Environment Noise Filtering	Yes				
Audio Sampling Rate	8 kHz/16 kHz				
Audio Compression	G.711ulaw/G.711alaw/G.722.1/G.726/MP2L2/PCM/AAC-LC				
Audio Bit Rate 64 Kbps (G.711 ulaw)/64 Kbps (G.711 alaw)/16 Kbps (G.722.1)/16 Kbps (G.726) 160 Kbps (MP2L2)/16 to 64 Kbps (AAC-LC)					



Network					
	Password protection, complicated password, watermark, basic and digest				
Security	authentication for HTTP, WSSE and digest authentication for Open Network Video				
	Interface, security audit log, host authentication (MAC address)				
Simultaneous Live View	Up to 6 channels				
API	Open Network Video Interface (Profile S, Profile T, Profile G (only -F model supports)), ISAPI, SDK				
Protocols	TCP/IP, ICMP, DHCP, DNS, HTTP, RTP, RTSP, NTP, IGMP, IPv6, UDP, QoS, FTP, SMTP				
/	Up to 32 users				
User/Host	3 user levels: administrator, operator, and user				
Client	iVMS-4200, Hik-Connect				
Web Browser	Plug-in required live view: IE 10, IE 11,				
Web Browser	Local service: Chrome 57.0+, Firefox 52.0+				
Image					
Wide Dynamic Range (WDR)	120 dB				
SNR	≥ 52 dB				
Day/Night Switch	Day, Night, Auto, Schedule				
Image Enhancement	BLC, HLC, 3D DNR				
Imaga Cattings	Rotate mode, saturation, brightness, contrast, sharpness, gain, white balance,				
Image Settings	adjustable by client software or web browser				
Privacy Mask	4 programmable polygon privacy masks				
Interface					
Ethernet Interface	1 RJ45 10 M/100 M self-adaptive Ethernet port				
On-Board Storage	-F: Built-in memory card slot, support microSD/microSDHC/microSDXC card, up to 512 GB				
Built-in Microphone	Yes				
Reset Key	-F: Yes				
Event					
Basic Event	Motion detection (support alarm triggering by specified target types (human and vehicle)), video tampering alarm, exception				
Linkage	Upload to FTP/memory card (-F), send email, notify surveillance center, trigger recording (-F), trigger capture				
General					
Power	12 VDC ± 25%, 0.5 A, max. 6 W, Ø5.5 mm coaxial power plug, reverse polarity protection, PoE: IEEE 802.3af, Class 3, max. 7.5 W				
Material	Metal & Plastic				
Dimension	Ø121.4 mm × 97.7 mm (Ø4.8" × 3.8")				
Package Dimension	150 mm × 150 mm × 141 mm (5.9" × 5.9" × 5.6")				
Weight	Approx. 550 g (1.2 lb.)				
With Package Weight	Approx. 800 g (1.8 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)				
Language	English, Ukrainian				
General Function	Heartbeat, anti-banding, mirror, password protection, password reset via email				



Approval			
EMC	FCC: 47 CFR Part 15, Subpart B,		
	CE-EMC: EN 55032: 2015, EN 61000-3-2:2019, EN 61000-3-3: 2013+A1:2019, EN		
	50130-4: 2011 +A1: 2014,		
	RCM: AS/NZS CISPR 32: 2015,		
	IC: ICES-003: Issue 7		
Safety	UL: UL 62368-1,		
	CB: IEC 62368-1: 2014+A11,		
	CE-LVD: EN 62368-1: 2014/A11: 2017,		
	BIS: IS 13252 (Part 1): 2010/IEC 60950-1: 2005		
Environment	CE-RoHS: 2011/65/EU,		
	WEEE: 2012/19/EU,		
	Reach: Regulation (EC) No 1907/2006		
Protection	IP67: IEC 60529-2013, IK08: IEC 62262:2002		

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.

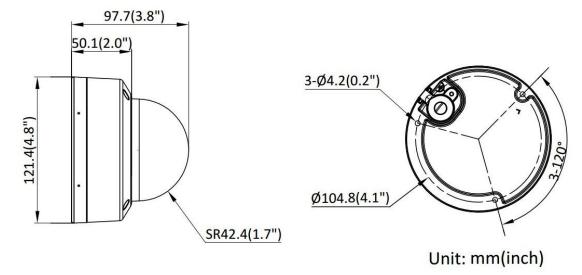
Level	Description		
Top-level protection	Hikvision products at this level are equipped for use in areas where professional anti- corrosion protection is a must. Typical application scenarios include coastlines, docks, chemical plants, and more.		
Moderate protection	Hikvision products at this level are 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-2CD1143G2-LIUF (2.8/4 mm) DS-2CD1143G2-LIU (2.8/4 mm)



Dimension



Accessory

Optional

DS-1272ZJ-120	DS-1271ZJ-120	DS-1275ZJ-SUS	DS-1272ZJ-120B	DS-1280ZJ-DM46
Wall Mount	Pendant Mount	Vertical Pole Mount	Wall Mount	Junction Box
			e	

Headquarters

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