DS-2CD1123G2-LIU(F)
2 MP Fixed Dome Network Camera





- High quality imaging with 2 MP resolution
- 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)

▪ Specification

Camera		
Image Sensor	1.4	1/2.9" Progressive Scan CMOS
Max. Resolution	1.1	1920 × 1080
Shutter Time		1/3 s to 1/100,000 s
Min. Illumination	1.3	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 103°, vertical FOV 56°, diagonal FOV 121° 4 mm, horizontal FOV 83°, vertical FOV 44°, diagonal FOV 99°
Lens Mount		M12
Iris Type		Fixed
Aperture		F1.6
DORI		
DORI		2.8 mm, D: 45 m, O: 18 m, R: 9 m, I: 4 m 4 mm, D: 56 m, O: 22 m, R: 11 m, I: 5 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	1.2	50 Hz: 25 fps (1920 × 1080, 1280 × 720) 60 Hz: 30 fps (1920 × 1080, 1280 × 720)
Sub-Stream	1.6	50 Hz: 25 fps (640 × 480, 640 × 360) 60 Hz: 30 fps (640 × 480, 640 × 360)
Video Compression		Main stream: H.265+/H.265/H.264+/H.264, Sub-stream: H.265/H.264/MJPEG
Video Bit Rate		32 Kbps to 8 Mbps
H.264 Type	1.7	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)/32 to 160 Kbps (MP2L2)/16 to 64 Kbps (AAC-LC)
Network		
Security		Password protection, complicated password, watermark, basic and digest 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, RTCP, NTP, IGMP, IPv4, IPv6, UDP, QoS, FTP, SMTP 1.10 1.8
User/Host	Up to 32 users 3 user levels: administrator, operator, and user
Client	iVMS-4200, Hik-Connect
Web Browser	Plug-in required live view: IE 10, IE 11, Local service: Chrome 57.0+, Firefox 52.0+
Image	
Wide Dynamic Range (WDR)	Digital WDR
SNR	≥ 52 dB
Day/Night Switch	Day, Night, Auto, Schedule
Image Enhancement	BLC, HLC, 3D DNR
Image Settings	Rotate mode, saturation, brightness, contrast, sharpness, gain, white balance, adjustable by client software or web browser
Privacy Mask	4 programmable polygon privacy masks
Interface	
Ethernet Interface 1.9	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 1.5	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 1.9	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.

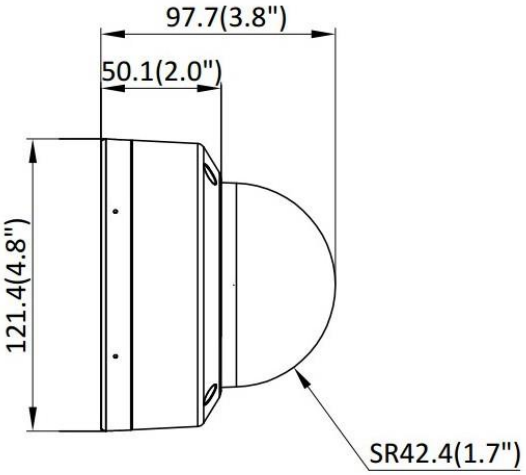
Level	Description
Top-level protection	Hikvision products at this level are equipped for use in areas where professional anti-corrosion protection is a must. Typical application scenarios include coastlines, docks, chemical plants, and more.
Moderate protection	Hikvision products at this level are equipped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

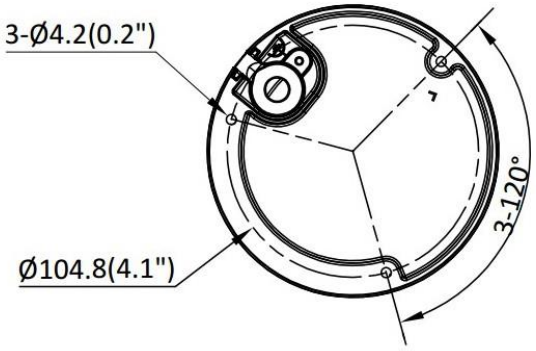
▪ Available Model

DS-2CD1123G2-LIU (2.8/4 mm)

DS-2CD1123G2-LIUF (2.8/4 mm)

▪ Dimension





Unit: mm(inch)

▪ Accessory

▪ Optional

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

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