

DS-2CD1323G2-I(UF) 2 MP Fixed Turret Network Camera











- High quality imaging with 2 MP resolution
- Support Human Detection
- Water and dust resistant (IP67)
- Efficient H.265+ compression technology
- EXIR 2.0: advanced infrared technology with long IR range
- Support on-board storage up to 256 GB (SD card slot) (Optional)
- Built-in microphone for real-time audio security (Optional)



Specification

Camera					
Image Sensor	1/2.9" Progressive Scan CMOS				
Max. Resolution	1920 × 1080				
Min. Illumination	Color: 0.01 Lux @ (F2.0, AGC ON), B/W: 0 Lux with IR				
Shutter Time	1/3 s to 1/100,000 s				
Day & Night	IR cut filter				
Angle Adjustment	Pan: 0° to 360°, tilt: 0° to 75°, rotate: 0° to 360°				
Lens					
Lens Type	Fixed focal lens, 2.8 and 4 mm optional				
5 II II 0.50V	2.8 mm, horizontal FOV 104°, vertical FOV 58°, diagonal FOV 123°				
Focal Length & FOV	4 mm, horizontal FOV 81°, vertical FOV 43°, diagonal FOV 96°				
Lens Mount	M12				
Iris Type	Fixed				
Aperture	F2.0				
DORI					
2021	2.8 mm, D: 42 m, O: 16 m, R: 8 m, I: 4 m				
DORI	4 mm, D: 57 m, O: 22 m, R: 11 m, I: 5 m				
Illuminator					
Supplement Light Type	IR				
Supplement Light Range	Up to 30 m				
Smart Supplement Light	Yes				
IR Wavelength	850 nm				
Video					
	50 Hz: 25 fps (1920 × 1080, 1280 × 720)				
Main Stream	60 Hz: 30 fps (1920 × 1080, 1280 × 720)				
Cub Characa	50 Hz: 25 fps (640 × 480, 640 × 360)				
Sub-Stream	60 Hz: 30 fps (640 × 480, 640 × 360)				
Video Communica	Main stream: H.265+/H.265/H.264+/H.264				
video 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	-U: Mono sound				
Environment Noise Filtering	-U: Yes				
Audio Sampling Rate	-U: 8 kHz/16 kHz				
Audio Compression	·				
	-U: 64 Kbps (G.711 ulaw)/64 Kbps (G.711 alaw)/16 Kbps (G.722.1)/16 Kbps (G.726)/32				
Audio Bit Rate	to 160 Kbps (MP2L2)/16 to 64 Kbps (AAC-LC)				
Network					
	Password protection, complicated password, watermark, IP address filter, basic and				
Security	digest authentication for HTTP, WSSE and digest authentication for Open Network				
	Video Interface, security audit log, host authentication (MAC address)				
Video Compression Video Bit Rate H.264 Type H.265 Type Bit Rate Control Region of Interest (ROI) Audio Audio Audio Type Environment Noise Filtering Audio Sampling Rate Audio Compression Audio Bit Rate Network	Main stream: H.265+/H.265/H.264+/H.264 Sub-stream: H.265/H.264/MJPEG 32 Kbps to 8 Mbps Baseline Profile/Main Profile/High Profile Main Profile CBR/VBR 1 fixed region for main stream -U: Mono sound -U: Yes -U: 8 kHz/16 kHz -U: G.711ulaw/G.711alaw/G.722.1/G.726/MP2L2/PCM/AAC-LC -U: 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) Password protection, complicated password, watermark, IP address filter, basic and digest authentication for Open Network				



Simultaneous Live View	Up to 6 channels				
API	Open Network Video Interface (Profile S, Profile T, Profile G (only -F model supports), Profile T), ISAPI, SDK				
Protocols	TCP/IP, ICMP, DHCP, DNS, HTTP, RTP, RTSP, NTP, IGMP, IPv6, UDP, QoS, FTP, SMTP				
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				
Web blowser	Local service: Chrome 57.0+, Firefox 52.0+				
Image					
Wide Dynamic Range (WDR)	DWDR				
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,				
illage 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 29				
Built-in Microphone	-U: Yes				
Reset Key	-F: Yes				
Event					
Basic Event	Motion detection, video tampering alarm, exception				
	Upload to FTP/memory card (-F), send email, notify surveillance center, trigger				
Linkage	recording (-F), trigger capture				
General					
Davies	12 VDC ± 25%, 0.4 A, max. 5 W, Ø5.5 mm coaxial power plug				
Power	PoE: 802.3af, Class 3, 36 V to 57 V, 0.2 A to 0.15 A, max. 6.5 W				
Material	Metal & Plastic				
Dimension	Ø110 mm × 85.3 mm (Ø4.3" × 3.4")				
Package Dimension	150 mm × 150 mm × 141 mm (5.9" × 5.9" × 5.6")				
Weight	-I: Approx. 330 g (0.7 lb.); -IUF: Approx. 340 g (0.7 lb.)				
With Package Weight	-I: Approx. 550 g (1.2 lb.); -IUF: Approx. 560 g (1.2 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			
	KC: KN32: 2015, KN35: 2015			
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			

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.

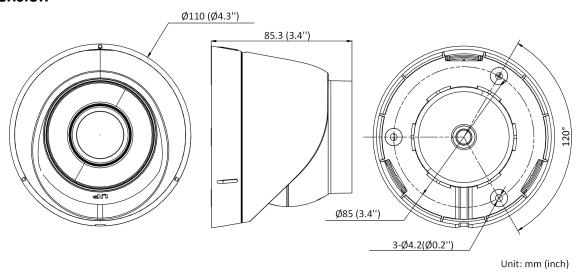
Level	Description			
Top-level protection	Hikvision products at this level are equipped for use in areas where professional anti-corrosion protection is a must. Typical application scenarios include coastlines, docks, chemical plants, and more.			
Moderate protection	Hikvision products at this level 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-2CD1323G2-IUF (2.8/4 mm) DS-2CD1323G2-I (2.8/4 mm)



Dimension



Accessory

Optional

DS-1281ZJ-S Inclined Ceiling Mount	DS-1280ZJ-S Junction Box	DS-1276ZJ-SUS Corner Mount	DS-1272ZJ-110-TRS Wall mount	DS-1275ZJ-SUS Vertical Pole Mount

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