

DS-2CD1327G2-L(UF) 2 MP ColorVu Fixed Turret Network Camera













Hikvision ColorVu technology provides 24/7 vivid colorful images with F1.0 advanced lenses and high performance sensors. F1.0 super-aperture collects more light to produce brighter images. Advanced sensor technology can vastly improve the utilization of available light.

- High quality imaging with 2 MP resolution
- 24/7 colorful imaging
- Support Human and Vehicle Detection
- Water and dust resistant (IP67)
- Efficient H.265+ compression technology
- Support on-board storage up to 256GB (SD card slot) (Optional)
- Built-in microphone for real-time audio security (Optional)



Specification

Camera					
Image Sensor	1/2.8" Progressive Scan CMOS				
Max. Resolution	1920 × 1080				
Min. Illumination	Color: 0.001 Lux @ (F1.0, AGC ON), 0 Lux with light				
Shutter Time	1/3 s to 1/100,000 s				
Day & Night	24/7 color imaging				
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				
Focal Length & FOV	2.8 mm, horizontal FOV: 106°, vertical FOV: 57°, diagonal FOV: 126°				
	4 mm, horizontal FOV: 83°, vertical FOV: 44°, diagonal FOV: 99°				
Lens Mount	M12				
Iris Type	Fixed				
Aperture	F1.0				
Daniel of Field	2.8 mm: 1.5 m to ∞				
Depth of Field	4 mm: 2.1 m to ∞				
DORI					
DODI	2.8 mm, D: 44 m, O: 17 m, R: 8 m, I: 4 m				
DORI	4 mm, D: 56 m, O: 22 m, R: 11 m, I: 5 m				
Illuminator					
Supplement Light Type	White Light				
Supplement Light Range	Up to 30 m				
Smart Supplement Light	Yes				
Video					
A4 : 61	50 Hz: 25 fps (1920 × 1080, 1280 × 720)				
Main Stream	60 Hz: 30 fps (1920 × 1080, 1280 × 720)				
Cult Change	50 Hz: 25 fps (640 × 480, 640 × 360)				
Sub-Stream	60 Hz: 30 fps (640 × 480, 640 × 360)				
Video Compression	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				
Н.265 Туре	Main Profile				
Bit Rate Control	CBR, VBR				
Region of Interest (ROI)	1 fixed region(s) 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: 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				
Audio Bit Rate	to 160 Kbps (MP2L2)/16 to 64 Kbps (AAC-LC)				
Network					
Drotocals	TCP/IP, ICMP, DHCP, DNS, HTTP, RTP, RTSP, NTP, IGMP, IPv6, UDP, QoS, FTP, SMTP,				
Protocols	SSL/TLS				



Simultaneous Live View	Up to 6 channels			
API	Open Network Video Interface (Profile S, Profile T, Profile G (only -F model supports)), ISAPI, SDK			
User/Host	Up to 32 users			
USEI/11USC	3 user levels: administrator, operator, and user			
	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)			
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)	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,			
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	Built-in memory card slot, support microSD/microSDHC/microSDXC card, up to 256 GB			
Built-in Microphone	-U: Yes			
Reset Key	-F: Yes			
Event				
D : F .	Motion detection (support alarm triggering by specified target types (human and			
Basic Event	vehicle)), video tampering alarm, exception			
Linkaga	Upload to FTP/memory card (-F), notify surveillance center, send email, trigger			
Linkage	recording (-F), trigger capture			
General				
Dower	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	Ø109.9 mm × 103.6 mm (Ø4.3" × 4.1")			
Package Dimension	150 mm × 150 mm × 141 mm (5.9" × 5.9" × 5.6")			
Woight	-L: Approx. 370 g (0.8 lb.)			
Weight	-LUF: Approx. 380 g (0.8 lb.)			
With Packago Waight	-L: Approx. 600 g (1.3 lb.)			
With Package Weight	-LUF: Approx. 620 g (1.4 lb.)			
Storage Conditions	-30 °C to 60 °C (-22 °F to 140 °F). Humidity 95% or less (non-condensing)			
Startup and Operating	-30 °C to 60 °C (-22 °F to 140 °F). Humidity 95% or less (non-condensing)			
Conditions	30 C to 00 C (-22 1 to 140 1). Humary 33% of less (Hon-condensing)			
Language	English, Ukrainian			
	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			
	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.

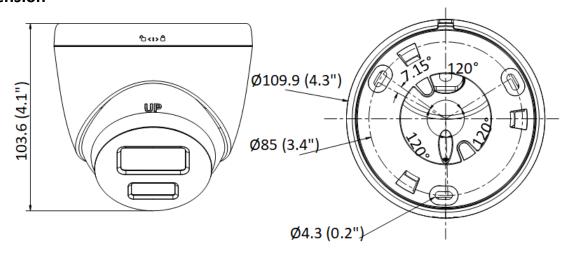
Level	Description			
Top-level protection	Hikvision products at this level are equipped for use in areas where professional anti- corrosion protection is a must. Typical application scenarios include coastlines, docks, chemical plants, and more.			
Moderate protection	Hikvision products at this level 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-2CD1327G2-LUF (2.8/4 mm) DS-2CD1327G2-L (2.8/4 mm)



Dimension



Unit: mm (inch)

Accessory

Optional

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

Headquarters

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

Follow us on social media to get the latest product and solution information.





HikvisionHQ



HikvisionHQ





