

DS-2CD1027G2-L(UF) 2 MP ColorVu Fixed Bullet 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 90°, 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
Double 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	
Main Chuann	50 Hz: 25 fps (1920 × 1080, 1280 × 720)
Main Stream	60 Hz: 30 fps (1920 × 1080, 1280 × 720)
Sub-Stream	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
H.265 Type	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
Audio Bit Rate	-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)
Network	
Protocols	TCP/IP, ICMP, DHCP, DNS, HTTP, RTP, RTSP, NTP, IGMP, IPv6, UDP, QoS, FTP, SMTP
Simultaneous Live View	Up to 6 channels



User/Host 3 user levels: administrator, operator, and user Password protection, complicated password, watermark, basic and digest authentication for HTTP, WSSE and digest authentication for Open Network Interface, security audit log, host authentication (MAC address) 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) DWDR SNR \$52 dB Day, Night Switch Day, Night, Auto, Schedule Image Enhancement BLC, HLC, 3D DNR Rotate mode, saturation, brightness, contrast, sharpness, gain, white balanc 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 -F: Built-in memory card slot, support microSD/microSDHC/microSDXC card, GB Built-in Microphone -U: Yes Reset Key -F: Yes Event Motion detection (support alarm triggering by specified target types (humar vehicle)), video tampering alarm, exception Linkage Wolfon detection (support alarm triggering by specified target types (humar vehicle)), video tampering alarm, exception Upload to FTP/memory card (-F), notify surveillance center, send email, trigg recording (-F), trigger capture General Power 2 VDC ± 25%, 0.4 A, max. 5 W, Ø5.5 mm coaxial power plug PoE: 802.3af, Class 3, 36 V to 57 V, 0.2 A to 0.15 A, max. 6.5 W Material Aluminum alloy body Dimension Ø76.6 mm × 164.4 mm (Ø3" × 6.5") Package Dimension Ø76.6 mm × 120 mm × 117 mm (9.2" × 4.7" × 4.6") -L: Approx. 405 g (0.9 lb.) -UE: Approx. 405 g (0.9 lb.)	upports))
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Security authentication for HTTP, WSSE and digest authentication for Open Network Interface, security audit log, host authentication (MAC address) Client iVMS-4200, Hik-Connect Plug-in required live view: IE 10, IE 11 Local service: Chrome 57.0+, Firefox 52.0+ Image Wide Dynamic Range (WDR) SNR	
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Weight	
-L: Approx. 630 g (1.4 lb.)	
With Package Weight -LUF: Approx. 650 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 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 en	nail



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.

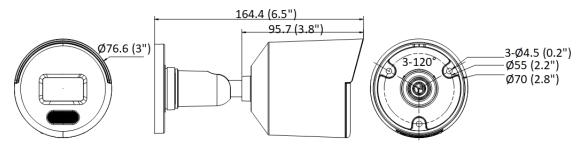
This model has NO SPECIFIC PROTECTION.

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-2CD1027G2-L (2.8/4 mm) DS-2CD1027G2-LUF (2.8/4 mm)

Dimension



Unit: mm (inch)



- Accessory
- Optional



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www.hikvision.com

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





HikvisionHQ



HikvisionH0





