

DS-2CD1127G0-L(UF) 2 MP ColorVu Fixed Dome 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
- Excellent low-light performance
- Water and dust resistant (IP67) and vandal resistant (IK08)
- Efficient H.265+ compression technology





Specification

Securication	
Camera	. / 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
Image Sensor	1/2.8" Progressive Scan CMOS
Max. Resolution	1920 × 1080
Shutter Time	1/3 s to 1/100,000 s
Min. Illumination	Color: 0.001 Lux @ (F1.0, AGC ON), 0 Lux with light
Day & Night	24/7 color imaging
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 105°, vertical FOV 56°, diagonal FOV 125°
	4 mm, horizontal FOV 83°, vertical FOV 46°, diagonal FOV 97°
Lens Mount	M12
Iris Type	Fixed
Aperture	F1.0
Donald of Field	2.8 mm: 1.5 m to ∞
Depth of Field	4 mm: 2.1 m to ∞
DORI	
200	2.8 mm, D: 44 m, O: 17 m, R: 9 m, I: 4 m
DORI	4 mm, D: 53 m, O: 21 m, R: 10 m, I: 5 m
Illuminator	
Supplement Light Type	White Light
Supplement Light Range	Up to 30 m
Smart Supplement Light	Yes
Video	
	50 Hz: 25 fps (1920 × 1080, 1280 × 720)
Main Stream	60 Hz: 30 fps (1920 × 1080, 1280 × 720)
	50 Hz: 25 fps (1280 × 720, 640 × 480)
Sub-Stream	60 Hz: 30 fps (1280 × 720, 640 × 480)
	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
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)
Audio Sampling Rate	-U: 8 kHz/16 kHz
Environment Noise Filtering	-U: Yes
Livi official Noise Filtering	0.103



Network	
	Password protection, complicated password, HTTPS encryption, 802.1X authentication
Security	(EAP-MD5), watermark, IP address filter, basic and digest authentication for
	HTTP/HTTPS, WSSE and digest authentication for Open Network Video Interface,
	RTP/RTSP over HTTPS, security audit log, TLS 1.2, host authentication (MAC address)
Simultaneous Live View	Up to 6 channels
API	Open Network Video Interface (Profile S, Profile G (only -U model supports)),ISAPI,SDK
Dueta cala	TCP/IP, ICMP, DHCP, DNS, DDNS, HTTP, HTTPS, RTP, RTSP, NTP, UPnP, IGMP, IPv6,
Protocols	UDP, QoS, Bonjour, FTP, 802.1x, 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)	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, mirror,
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 256
On Board Storage	GB
Built-in Microphone	-U: Yes
Reset Key	-F: Yes
Event	
Basic Event	Motion detection, video tampering alarm, exception
Linkage	Upload to FTP/memory card (-F), notify surveillance center, send email, trigger
	recording (-F), trigger capture
General	
Power	12 VDC ± 25%, 0.4 A, max. 5 W, Ø5.5 mm coaxial power plug,
1 OWCI	PoE: 802.3af, Class 3, 36 V to 57 V, 0.2 A to 0.15 A, max. 6.5 W
Material	Base: aluminum alloy, cover: plastic
Dimension	Ø121.5 mm × 97.6 mm (Ø4.8" × 3.8")
Package Dimension	150 mm × 150 mm × 141 mm (5.9" × 5.9" × 5.6")
Weight	Approx. 500 g (1.1 lb.)
With Package Weight	Approx. 700 g (1.5 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	
Language	English, Ukranian
General Function	Heartbeat, anti-flicker, 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, IK08: IEC 62262:2002

Available Model

DS-2CD1127G0-L (2.8/4 mm) DS-2CD1127G0-LUF (2.8/4 mm)

Typical Application

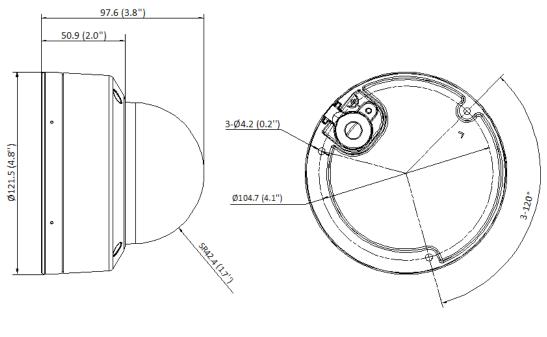
Hikvision products are classified into three levels according to their anti-corrosion performance. Refer to the following description to choose for your using environment.

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.



Dimension



Unit: mm (inch)

Accessory

Optional



DS-1272ZJ-120B

Wall Mount





Distributed by

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