

DS-2CD1127G2-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
- Support Human and Vehicle Detection
- Water and dust resistant (IP67) and vandal resistant (IK08)
- 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 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: 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			
	2.8 mm: 1.5 m to ∞			
Depth of Field	4 mm: 2.1 m to ∞			
DORI				
	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				
	50 Hz: 25 fps (1920 × 1080, 1280 × 720)			
Main Stream	60 Hz: 30 fps (1920 × 1080, 1280 × 720)			
	50 Hz: 25 fps (640 × 480, 640 × 360)			
Sub-Stream	60 Hz: 30 fps (640 × 480, 640 × 360)			
	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			
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)			
Audio Sampling Rate	-U: 8 kHz/16 kHz			
Environment Noise Filtering	-U: Yes			



Network					
	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)				
Simultaneous Live View	Up to 6 channels				
API	Open Network Video Interface (Profile S, Profile T, Profile G (only -U model supports)),				
API	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				
Woh Drowcor	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				
Imaga Cattings	Rotate mode, saturation, brightness, contrast, sharpness, gain, white balance,				
Image 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					
Dasia Evant	Motion detection (support alarm triggering by specified target types (human and				
Basic Event	vehicle)), video tampering alarm, exception				
Linkono	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	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	-30 C to ou C (-22 F to 140 F). Humiliarly 93% of less (Hoff-condensing)				
Language	English, Ukrainian				
General Function	neral 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			
	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			

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.

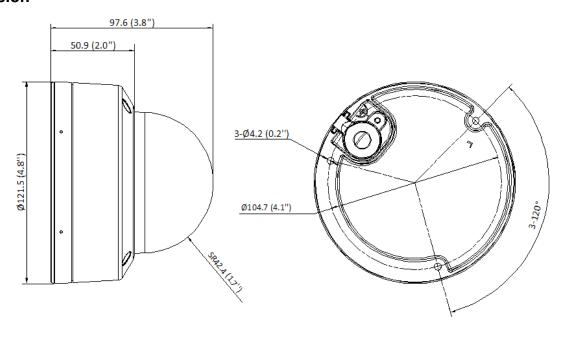
Level	Description		
Top-level protection	Hikvision products at this level are equipped for use in areas where professional anti- corrosion protection is a must. Typical application scenarios include coastlines, docks, chemical plants, and more.		
Moderate protection	Hikvision products at this level are 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-2CD1127G2-L (2.8/4 mm)
DS-2CD1127G2-LUF (2.8/4 mm)



Dimension



Unit: mm (inch)

Accessory

Optional

DS-1272ZJ-120B	DS-1272ZJ-120	DS-1253ZJ-M	DS-1275ZJ-SUS	DS-1271ZJ-120
Wall Mount	Wall Mount	Rain Shade	Vertical Pole Mount	Pendant Mount
E				

DS-1280ZJ-DM46 **Junction Box**



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