

DS-2CD2327G2-L(U) 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
- Efficient H.265+ compression technology
- Clear imaging against strong back light due to 120 dB WDR technology
- Focusing on human and vehicle classification based on deep learning
- Built-in microphone for real-time audio security(-U)
- 24/7 colorful imaging
- Water and dust resistant (IP67)





Specification

Camera					
Image Sensor	1/2.8" Progressive Scan CMOS				
Min. Illumination	Color: 0.0005 Lux @ (F1.0, AGC ON), 0 Lux with Light				
Shutter Speed	1/3 s to 1/100,000 s				
Slow Shutter	Yes				
P/N	P/N				
Wide Dynamic Range	120 dB				
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				
Forelloweth 9 FOV	2.8 mm, horizontal FOV 107°, vertical FOV 56°, diagonal FOV 127°				
Focal Length & FOV	4 mm, horizontal FOV 84°, vertical FOV 45°, diagonal FOV 99°				
Lens Mount	M12				
Iris Type	Fixed				
Depth of Field	2.8 mm, 1.7 m to ∞				
Depth of Field	4 mm, 2.3 m to ∞				
Aperture	F1.0				
DORI					
DORI	2.8 mm, D: 46 m, O: 18 m, R: 9 m, I: 4 m				
DORI	4 mm, D: 56 m, O: 22 m, R: 11 m, I: 5 m				
Illuminator					
White Light Range	30 m				
Smart Supplement Light	Yes				
Video					
Max. Resolution	1920 × 1080				
Main Stream	50 Hz: 25 fps (1920 × 1080, 1280 × 720)				
Walli Stream	60 Hz: 30 fps (1920 × 1080, 1280 × 720)				
Sub-Stream	50 Hz: 25 fps (640 × 480, 640 × 360)				
Sab Stream	60 Hz: 30 fps (640 × 480, 640 × 360)				
	50 Hz: 10 fps (1920 × 1080, 1280 × 720, 640 × 480, 640 × 360)				
Third Stream	60 Hz: 10 fps (1920 × 1080, 1280 × 720, 640 × 480, 640 × 360)				
	*Third stream is supported under certain settings.				
	Main stream: H.265/H.264/H.264+/H.265+				
Video Compression	Sub-stream: H.265/H.264/MJPEG				
	Third stream: H.265/H.264				
	*Third stream is supported under certain settings.				
Video Bit Rate	32 Kbps to 8 Mbps				
H.264 Type	Baseline Profile/Main Profile/High Profile				
H.265 Type	Main Profile				
H.264+	Main stream supports				
H.265+	Main stream supports				
Bit Rate Control	CBR/VBR				
Scalable Video Coding (SVC)	Yes				



Region of Interest (ROI)	1 fixed region for main stream and sub-stream			
Audio				
Audio Compression	-U: G.711ulaw/G.711alaw/G.722.1/G.726/MP2L2/PCM/MP3/AAC-LC			
Environment Noise Filtering	-U: Yes			
Audio Sampling Rate	-U: 8 kHz/16 kHz/32 kHz/44.1 kHz/48 kHz			
Audio Bit Rate	-U: 64 Kbps (G.711ulaw/G.711alaw)/16 Kbps (G.722.1)/16 Kbps (G.726)/32 to 192 Kbps (MP2L2)/8 to 320 Kbps (MP3) /16 to 64 Kbps (AAC-LC)			
Network				
Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, NTP, UPnP, SMTP, IGMP, 802.1X, QoS, IPv4, IPv6, UDP, Bonjour, SSL/TLS, PPPoE, SNMP, WebSocket, WebSockets			
Simultaneous Live View	Up to 6 channels			
API	Open Network Video Interface (PROFILE S, PROFILE G, PROFILE T), ISAPI, SDK			
Smooth Streaming	Yes			
User/Host	Up to 32 users. 3 user levels: administrator, operator and user			
Security	Password protection, complicated password, HTTPS encryption, IP address filter, Security Audit Log, basic and digest authentication for HTTP/HTTPS, TLS 1.1/1.2, WSSE and digest authentication for Open Network Video Interface			
Network Storage	NAS (NFS, SMB/CIFS), auto network replenishment (ANR) Together with high-end Hikvision memory card, memory card encryption and health detection are supported.			
Client	iVMS-4200, Hik-Connect, Hik-Central			
Web Browser	Plug-in required live view: IE 10, IE 11 Plug-in free live view: Chrome 57.0+, Firefox 52.0+, Edge 89+ Local service: Chrome 57.0+, Firefox 52.0+, Edge 89+			
Image				
Image Parameters Switch	Yes			
Image Settings	Rotate mode, saturation, brightness, contrast, sharpness, gain, white balance adjustable by client software or web browser			
Day/Night Switch	Day, Night, Auto, Schedule			
SNR	≥ 52 dB			
Image Enhancement	BLC, HLC, 3D DNR			
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 512 GB			
Built-in Microphone	-U: Yes			
Reset Key	Yes			
Event				
Basic Event	Motion detection (human and vehicle targets classification), video tampering alarm, exception			
Smart Event	Scene change detection			
Deep Learning Function				
Face Capture	Yes			



	Line cressing detection intrucion detection region entrance detection region exiting			
Perimeter Protection	Line crossing detection, intrusion detection, region entrance detection, region exiting			
Perimeter Protection	detection			
_	Supports human and vehicle targets classification			
General				
Linkage Method	Upload to NAS/memory card/FTP, notify surveillance center, trigger recording, trigger			
_	capture, send email			
Material	Aluminum alloy body, except for trim ring			
Dimension	Ø138.3 mm × 115.4 mm (Ø5.4" × 4.5")			
Package Dimension	170 mm × 170 mm × 150 mm (7" × 7" × 5.9")			
Weight	Approx. 770 g (1.7 lb.)			
With Package Weight	Approx. 980 g (2.2 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)			
	33 languages			
	English, Russian, Estonian, Bulgarian, Hungarian, Greek, German, Italian, Czech, Slovak,			
Web Client Language	French, Polish, Dutch, Portuguese, Spanish, Romanian, Danish, Swedish, Norwegian,			
	Finnish, Croatian, Slovenian, Serbian, Turkish, Korean, Traditional Chinese, Thai,			
	Vietnamese, Japanese, Latvian, Lithuanian, Portuguese (Brazil), Ukrainian			
General Function	Anti-flicker, heartbeat, mirror, privacy mask, flash log, password reset via email, pixel			
General Function	counter			
Firmware Version	V5.5.113			
Software Reset	Yes			
Power Supply	12 VDC ± 25%			
	PoE: 802.3af, Class 3			
	12 VDC, 0.5 A, max. 6 W			
Power Consumption and Current	PoE (802.3af, 36 V to 57 V), 0.2 A to 0.12 A, max. 7 W			
Power Interface	Ø5.5 mm coaxial power plug			
Approval				
Class	Class B			
	UL (UL 60950-1); CB (IEC 60950-1:2005 + Am 1:2009 + Am 2:2013, IEC 62368-1:2014);			
Safety	CE-LVD (EN 60950-1:2005 + Am 1:2009 + Am 2:2013, IEC 62368-1:2014); BIS (IS			
,	13252(Part 1):2010+A1:2013+A2:2015); LOA (IEC/EN 60950-1)			
Environment	CE-RoHS (2011/65/EU); WEEE (2012/19/EU); Reach (Regulation (EC) No 1907/2006)			
Protection	IP67 (IEC 60529-2013)			

Available Model

DS-2CD2327G2-L (2.8/4 mm) DS-2CD2327G2-LU (2.8/4 mm)

Typical Application

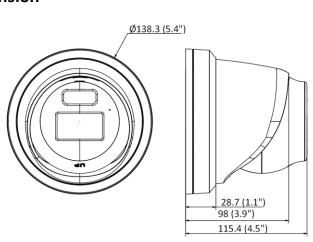
Hikvision products are classified into three levels according to their anti-corrosion performance. Refer to the following description to choose for your using environment.

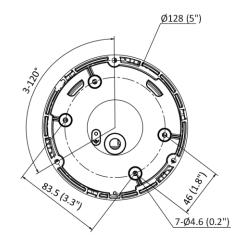
This model has NO SPECIFIC PROTECTION.



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-1273ZJ-140B	DS-1273ZJ-140	DS-1275ZJ-SUS	DS-1280ZJ-PT6	DS-1276ZJ-SUS
Wall Mount	Wall Mount	Vertical Pole Mount	Junction Box	Corner Mount

DS-1271ZJ-140

Pendant Mount







Distributed by

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