

HIKU

DS-2CD2347G2-L(U) 4 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 4 MP resolution
- Efficient H.265+ compression technology
- Clear imaging against strong backlight due to 130 dB WDR technology
- Built-in microphone for real-time audio security(-U)
- Focus on human and vehicle targets classification based on deep learning
- 24/7 colorful imaging
- Water and dust resistant (IP67)





Specification

Camera

Camera	iera				
Image Sensor	1/1.8" Progressive Scan CMOS				
Min. Illumination	Color: 0.0005 Lux @ (F1.0, AGC ON), 0 Lux with white light				
Shutter Speed	1/3 s to 1/100,000 s				
Slow Shutter	Yes				
P/N	P/N				
Wide Dynamic Range	130 dB				
Angle Adjustment	Pan: 0° to 360°, tilt: 0° to 75°, rotate: 0° to 360°				
Lens					
Lens Type	Fixed focal lens, 2.8, 4, and 6 mm optional				
Iris Type	Fixed				
	2.8 mm, horizontal FOV 112°, vertical FOV 61°, diagonal FOV 134°				
Lens Type & FOV	4 mm, horizontal FOV 95°, vertical FOV 51°, diagonal FOV 115°				
	6 mm, horizontal FOV 58°, vertical FOV 31°, diagonal FOV 69°				
	2.8 mm, 2.5 m to ∞				
Depth of Focus	4 mm, 3.5 m to ∞				
	6 mm, 7.5 m to ∞				
Aperture	F1.0				
Lens Mount	M16				
DORI					
	2.8 mm, D: 58 m, O: 23 m, R: 11 m, I: 6 m				
DORI	4 mm, D: 77 m, O: 30 m, R: 15 m, I: 7 m				
	6 mm, D: 115 m, O: 45 m, R: 23 m, I: 11 m				
Illuminator					
Supplement Light Type	White Light				
White Light Range	Up to 30 m				
Smart Supplement Light	Yes				
Video					
Max. Resolution	2688 × 1520				
	50 Hz: 25 fps (2688 × 1520, 1920 × 1080, 1280 × 720)				
Main Stream	60 Hz: 30 fps (2688 × 1520, 1920 × 1080, 1280 × 720)				
	50 Hz: 25 fps (1280 × 720, 640 × 480, 640 × 360)				
Sub Stream	60 Hz: 30 fps (1280 × 720, 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.265+/H.264+				
	Sub-stream: H.265/H.264/MJPEG				
Video Compression	Third stream: H.265/H.264				
	*Third stream is supported under certain settings.				
Video Bit Rate	32 Kbps to 8 Mbps				
Н.264 Туре	Baseline Profile/Main Profile/High Profile				
Н.265 Туре	Main Profile				
H.264+	Main Stream supports				



H.265+	Main stream supports				
Bit Rate Control	CBR/VBR				
Scalable Video Coding (SVC)	H.264 and H.265 encoding				
Region of Interest (ROI)	1 fixed region for main stream and sub-stream				
Audio					
Environment Noise Filtering	-U: Yes				
Audio Sampling Rate	-U: 8 kHz/16 kHz/32 kHz/44.1 kHz/48 kHz				
Audio Compression	-U: G.711ulaw/G.711alaw/G.722.1/G.726/MP2L2/PCM/MP3/AAC-LC				
	-U: 64 Kbps (G.711ulaw/G.711alaw)/16 Kbps (G.722.1)/16 Kbps (G.726)/32 to 192 Kbps				
Audio Bit Rate	(MP2L2)/8 to 320 Kbps (MP3)/16 to 64 Kbps (AAC-LC)				
Network					
Simultaneous Live View	Up to 6 channels				
API	Open Network Video Interface (PROFILE S, PROFILE G, PROFILE T), ISAPI, SDK				
	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, NTP, UPnP, SMTP,				
Protocols	IGMP, 802.1X, QoS, IPv4, IPv6, UDP, Bonjour, SSL/TLS, PPPoE, SNMP, ARP, WebSocket,				
	WebSockets				
User/Host	Up to 32 users. 3 user levels: administrator, operator and user				
	Password protection, complicated password, HTTPS encryption, IP address filter,				
Security	Security Audit Log, basic and digest authentication for HTTP/HTTPS, TLS 1.1/1.2, WSSE				
	and digest authentication for Open Network Video Interface				
	MicroSD/SDHC/SDXC card (256 GB) local storage, and NAS (NFS, SMB/CIFS), auto				
	network replenishment (ANR)				
Network Storage	Together with high-end Hikvision memory card, memory card encryption and health				
	detection are supported				
Client	iVMS-4200, Hik-Connect, Hik-Central				
	Plug-in required live view: IE 10, IE 11				
Web Browser	Plug-in free live view: Chrome 57.0+, Firefox 52.0+, Edge 89+				
	Local service: Chrome 57.0+, Firefox 52.0+, Edge 89+				
Image					
SNR	≥ 52 dB				
Day/Night Switch	Auto, Schedule				
Image Enhancement	BLC, HLC, 3D DNR				
Image Parameters Switch	Yes				
	Rotate mode, saturation, brightness, contrast, sharpness, gain, white balance				
Image Settings	adjustable by client software or web browser				
Interface					
Built-in Microphone	-U: Yes				
On-board Storage	Built-in memory card slot, support microSD/microSDHC/microSDXC card, up to 512 GB				
Hardware Reset	Yes				
Communication Interface	1 RJ45 10 M/100 M self-adaptive Ethernet port				
Event					
	Motion detection (human and vehicle targets classification), video tampering alarm,				
Basic Event	exception				
Smart Event	Scene change detection				



Deep Learning Function	eep Learning Function					
Face Capture	Yes					
Perimeter Protection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection					
General	eneral					
Linkage Method	Upload to NAS/memory card/FTP, notify surveillance center, trigger recording, trig capture, send email					
Firmware Version	V5.5.112					
Web Client Language	33 languages English, Russian, Estonian, Bulgarian, Hungarian, Greek, German, Italian, Czech, Slovak 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, pixe counter					
Software Reset	Yes					
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)					
Power Supply	12 VDC ± 25%, reverse polarity protection PoE: 802.3af, Class 3					
Power Consumption and	12 VDC, 0.55 A, max. 6.6 W					
Current	PoE (802.3af, 36 V to 57 V), 0.22 A to 0.13 A, max. 7.6 W					
Power Interface	Ø5.5 mm coaxial power plug					
Material	Aluminum alloy body, except for trim ring					
Screw Material	SUS304					
Camera Dimension	Ø138.3 mm × 125.2 mm (Ø5.4" × 4.9")					
Package Dimension	170 mm × 170 mm × 150 mm (7" × 7" × 5.9")					
Camera Weight	Approx. 750 g (1.7 lb.)					
With Package Weight	Approx. 1055 g (2.3 lb.)					
Approval						
EMC	FCC SDoC (47 CFR Part 15, Subpart B); CE-EMC (EN 55032: 2015, EN 61000-3-2: 2014, EN 61000-3-3: 2013, EN 50130-4: 2011 +A1: 2014); RCM (AS/NZS CISPR 32: 2015); IC VoC (ICES-003: Issue 6, 2016); KC (KN 32: 2015, KN 35: 2015)					
Safety	UL (UL 60950-1); CB (IEC 60950-1:2005 + Am 1:2009 + Am 2:2013, IEC 62368-1:2014); 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-2CD2347G2-LU (2.8/4/6 mm)
DS-2CD2347G2-L (2.8/4/6 mm)

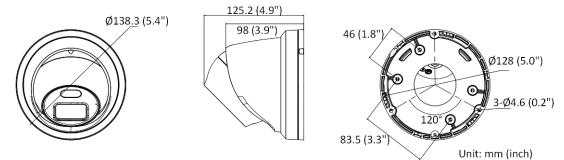
Typical Application

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





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				
		J2							
	DS-1271ZJ-140								
	Pendant Mount								
	Distributed by								

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