

DS-2CD2347G2H-LI(U)

4 MP Smart Hybrid Light with ColorVu Fixed Turret Network Camera













- High quality imaging with 4 MP resolution
- Smart Hybrid Light: advanced technology with long range
- Clear imaging against strong back light due to 130 dB WDR technology
- Efficient H.265+ compression technology
- Focus on human and vehicle classification based on deep learning
- -U: Built-in microphone for real-time audio security
- Water and dust resistant (IP67)



Specification

Camera						
Image Sensor	1/1.8" Progressive Scan CMOS					
Max. Resolution	2688 × 1520					
Min. Illumination	Color: 0.0005 Lux @ (F1.0, AGC ON), 0 Lux with light					
Shutter Time	1/3 s to 1/100,000 s					
Day & Night	IR cut filter					
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					
Facallar ath 8 FOV	2.8 mm, horizontal FOV 111.1°, vertical FOV 57.6°, diagonal FOV 138.5°					
Focal Length & FOV	4 mm, horizontal FOV 95.2°, vertical FOV 48.3°, diagonal FOV 117.4°					
Lens Mount	M16					
Iris Type	Fixed					
Aperture	F1.0					
D 11 (5:11	2.8 mm: 2.5 m to ∞					
Depth of Field	4 mm: 3.1 m to ∞					
DORI						
2021	2.8 mm: D: 61 m, O: 24 m, R: 12 m, I: 6 m					
DORI	4 mm: D: 75 m, O: 30 m, R: 15 m, I: 7 m					
Illuminator						
Supplement Light Type	IR, White Light					
Supplement Light Range	Up to 40 m					
Smart Supplement Light	Yes					
IR Wavelength	850 nm					
Video						
	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)					
	*The third stream is supported under certain settings.					
	Main stream: H.265/H.264/H.264+/H.265+,					
	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					
H.264 Type	Baseline Profile, Main Profile, High Profile					
H.265 Type	Main Profile					
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						
Audio Compression	-U: G.711/G.722.1/G.726/MP2L2/PCM/MP3/AAC-LC					
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Audio Bit Rate	-U: 64 Kbps (G.711ulaw/G.711alaw)/16 Kbps (G.722.1)/16 Kbps (G.726)/16 Kbps to 64 Kbps (AAC-LC)/32 to 192 Kbps (MP2L2)/8 to 320 Kbps (MP3)				
Audio Sampling Rate	-U: 8 kHz/16 kHz/32 kHz/44.1 kHz/48 kHz				
Environment Noise Filtering	-U: Yes				
Network					
Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, NTP, UPnP, SMTP, IGMP, 802.1X, QoS, IPv4, IPv6, UDP, Bonjour, SSL/TLS, PPPoE, SNMP, WebSocket, WebSockets, SRTP, SFTP				
Simultaneous Live View	Up to 6 channels				
API	Open Network Video Interface (Profile S, Profile G, Profile T), ISAPI, SDK, ISUP				
User/Host	Up to 32 users 3 user levels: administrator, operator, and user				
Security	Password protection, complicated password, HTTPS encryption, 802.1X authentication (EAP-TLS, EAP-LEAP, 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, control timeout settings, security audit log, TLS 1.1/1.2/1.3, host authentication (MAC address)				
Network Storage	NAS (NFS, SMB/CIFS), Auto Network Replenishment (ANR)				
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				
Image Enhancement	BLC, HLC, 3D DNR				
SNR	≥ 52 dB				
Wide Dynamic Range (WDR)	130 dB				
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 512 GB				
Built-in Microphone	-U: Yes				
Reset Key	Yes				
Event					
	Motion detection (support alarm triggering by specified target types (human and				
Basic Event	vehicle)), video tampering alarm, exception				
Linkage	Upload to FTP/NAS/memory card, notify surveillance center, trigger recording, trigger capture, send email				
Smart Event	Scene change detection				
Siliai i Evelli					
Deep Learning Function Face Capture	Yes				



General				
	12 VDC ± 25%, 0.41 A, max. 5 W, Ø5.5 mm coaxial power plug, reverse polarity			
Power	protection,			
	PoE: IEEE 802.3af, Class 3, max. 6 W			
Material	Cover: Metal, main body: Metal			
Dimension	Ø138.3 mm × 115.4 mm (Ø5.4" × 4.5")			
Package Dimension	170 mm × 170 mm × 160 mm (6.7" × 6.7" × 6.3")			
Weight	Approx. 770 g (1.7 lb.)			
With Package Weight	Approx. 1040 g (2.3 lb.)			
Storage Conditions	-30 °C to 60 °C (-22 °F to 140 °F). Humidity 95% or less (non-condensing)			
Startup and Operating	20°C to C0°C / 22°C to 140°C) Humidity 25°C/ on long / 20°C to			
Conditions	-30 °C to 60 °C (-22 °F to 140 °F). Humidity 95% or less (non-condensing)			
General Function	Heartbeat, mirror, password reset via email, pixel counter, anti-banding			
	33 languages: English, Russian, Estonian, Bulgarian, Hungarian, Greek, German, Italian,			
Languago	Czech, Slovak, French, Polish, Dutch, Portuguese, Spanish, Romanian, Danish, Swedish,			
Language	Norwegian, Finnish, Croatian, Slovenian, Serbian, Turkish, Korean, Traditional Chinese,			
	Thai, Vietnamese, Japanese, Latvian, Lithuanian, Portuguese (Brazil), Ukrainian			
Approval				
	CE-EMC: EN 55032: 2015, EN 61000-3-2:2019, EN 61000-3-3: 2013+A1:2019, EN			
	50130-4: 2011 +A1: 2014,			
EMC	RCM: AS/NZS CISPR 32: 2015,			
	IC: ICES-003: Issue 7,			
	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			
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-2CD2347G2H-LIU(2.8mm)

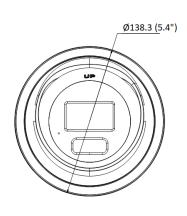
DS-2CD2347G2H-LIU(4mm)

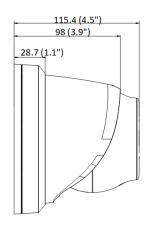
DS-2CD2347G2H-LI(2.8mm)

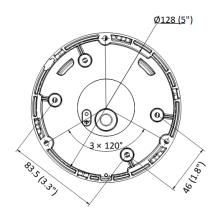
DS-2CD2347G2H-LI(4mm)

DS-2CD2347G2H-LIU(2.8mm)/Black

Dimension







Unit: mm (inch)

Accessory

Optional

DS-1273ZJ-140	DS-1273ZJ-140B	DS-1271ZJ-140	DS-1275ZJ-SUS	DS-1276ZJ-SUS
Wall Mount	Wall Mount	Pendant Mount	Vertical Pole Mount	Corner Mount
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DS-1280ZJ-PT6	DS-2280ZJ-WA140	DS-2200ZJ-WA-140	DS-2200ZJ-WAJ-140	DS-2210ZJ-WA-140
Junction Box	Junction Box	Wall Mount	Wall Mount	Pendant Mount
				Ţ



DS-1273ZJ-140(Black)	DS-1280ZJ-DM21(Blac	DS-1271ZJ-140(Black)	DS-1275ZJ-SUS(Black)	DS-1276ZJ-SUS(Black)
Wall Mount	k)Junction Box	Pendant Mount	Vertical Pole Mount	Corner Mount
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