

#### DS-2CD2347G2H-LISU/SL

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
- Provide real-time security via built-in two-way audio
- Active strobe light and audio alarm to warn intruders off
- Support on-board storage up to 512 GB (SD card slot)
- Audio and alarm interface available
- Water and dust resistant (IP67)



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# 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				
	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				
Donth of Field	2.8 mm: 2.5 m to ∞				
Depth of Field	4 mm: 3.1 m to ∞				
DORI					
DOD	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 30 m				
Smart Supplement Light	Yes				
IR Wavelength	850 nm				
Video					
Main Stream	50 Hz: 25 fps (2688 × 1520, 1920 × 1080, 1280 × 720)				
	60 Hz: 30 fps (2688 × 1520, 1920 × 1080, 1280 × 720)				
Sub-Stream	50 Hz: 25 fps (1280 × 720, 640 × 480, 640 × 360)				
Sub-Sileani	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+,				
Video Compression	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				
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	G.711/G.722.1/G.726/MP2L2/PCM/MP3/AAC-LC				



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Audio Type	Mono sound				
Audio Bit Rate	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)				
Audio Sampling Rate	8 kHz/16 kHz/32 kHz/44.1 kHz/48 kHz				
Environment Noise Filtering	Yes				
Network					
	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, NTP, UPnP,				
Protocols	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				
User/Husi	3 user levels: administrator, operator, and user				
	Password protection, complicated password, HTTPS encryption, 802.1X authentication				
	(EAP-TLS, EAP-LEAP, EAP-MD5), watermark, IP address filter, basic and digest				
Security	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				
	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					
Image Parameters Switch	Yes				
Image Settings	Rotate mode, saturation, brightness, contrast, sharpness, gain, white balance,				
inage settings	adjustable by client software or web browser				
Day/Night Switch	Day, Night, Auto, Schedule				
Image Enhancement	BLC, HLC, 3D DNR, Defog				
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	Yes, 1 built-in microphone				
Built-in Speaker	Max. power consumption: 1.2 W, max. sound pressure level: 10 cm: 95 dB.				
مريات	1 input (line in), two-core terminal block, max. input amplitude: 3.3 Vpp, input				
	impedance: 4.7 KΩ, interface type: non-equilibrium				
Audio	1 output (line out), two-core terminal block, max. output amplitude: 3.3 Vpp, output				
	impedance: 100 $\Omega$ , interface type: non-equilibrium				
Alarm	1 input, 1 output (max. 24 VDC/24 VAC, 1 A)				
Reset Key	Yes				



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Event					
Basic Event	Motion detection (support alarm triggering by specified target types (human and				
Basic Event	vehicle)), video tampering alarm, exception				
Smart Event	Scene change detection				
Linkage	Upload to FTP/NAS/memory card, notify surveillance center, send email, trigger alarm				
	output, trigger recording, trigger capture, audible warning, strobe light				
Deep Learning Function					
Face Capture	Yes				
Perimeter	Line crossing, intrusion, region entrance, region exiting				
Perimeter	Support alarm triggering by specified target types (human and vehicle)				
General					
	12 VDC ± 25%, 0.75 A, max. 9 W, Ø5.5 mm coaxial power plug, reverse polarity				
Power	protection,				
	PoE: IEEE 802.3af, Class 3, max. 10.5 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. 820 g (1.8 lb.)				
With Package Weight	Approx. 1316 g (2.9 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	-50°C to 60°C (-22°F to 140°F). Humility 95% of less (hon-condensing)				
General Function	Heartbeat, mirror, flash log, password reset via email, pixel counter, anti-banding				
	33 languages: English, Russian, Estonian, Bulgarian, Hungarian, Greek, German, Italian,				
	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+A1:2020, EN 50130-4:2011+A1:2014, EN IEC				
	61000-3-2:2019+A1:2021, EN 61000-3-3:2013+A1:2019+A2:2021,				
ЕМС	RCM: AS/NZS CISPR 32: 2015,				
	IC: ICES-003: Issue 7,				
	KC: KN32: 2015, KN35: 2015				
	UL: UL 62368-1,				
Safety	CB: IEC 62368-1: 2014+A11,				
	CE-LVD: EN 62368-1: 2014/A11: 2017				
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.

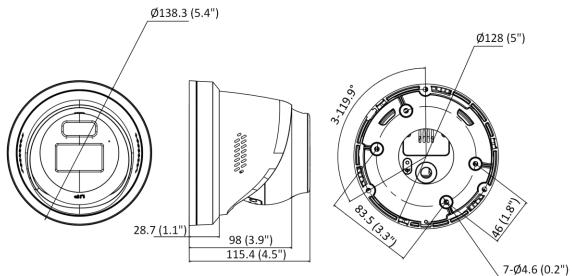
This model has NO SPECIFIC PROTECTION.

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-LISU/SL(2.8mm)/Black DS-2CD2347G2H-LISU/SL(2.8mm) DS-2CD2347G2H-LISU/SL(4mm)

#### 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
R	-7		4 f. f.	
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
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