

DS-2CD2387G2-LSU/SL

8 MP ColorVu Strobe Light and Audible Warning 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 8 MP resolution
- Efficient H.265+ compression technology
- Clear imaging against strong backlight due to 130 dB WDR technology
- Focus on human and vehicle targets classification based on deep learning
- 24/7 colorful imaging
- Active strobe light and audio alarm to warn intruders off
- Provide real-time security via built-in two-way audio
- Audio and alarm interface available
- Water and dust resistant (IP67)





Specification

Camera					
Image Sensor	1/1.2" Progressive Scan CMOS				
Max. Resolution	3840 × 2160				
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				
Day & Night	24/7 Color imaging				
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				
Focal Length & FOV	2.8 mm, horizontal FOV 102°, vertical FOV 52°, diagonal FOV 124°				
	4 mm, horizontal FOV 88°, vertical FOV 47°, diagonal FOV 104°				
Lens Mount	M mount				
Iris Type	Fixed				
Aperture	F1.0				
Depth of Field	2.8 mm: 4.5 m to ∞				
Depth of Field	4 mm: 7 m to ∞				
DORI					
DORI	2.8 mm: D: 96 m, O: 38 m, R: 19 m, I: 9 m				
DONI	4 mm: D: 102 m, O: 40 m, R: 20 m, I: 10 m				
Illuminator					
Supplement Light Type	White Light				
Supplement Light Range	Up to 30 m				
Smart Supplement Light	Yes				
Video					
	50 Hz:				
	25 fps (3840 × 2160, 3200 × 1800 , 2688 × 1520, 1920 × 1080, 1280 × 720)				
Main Stream	60 Hz:				
	24 fps (3840 × 2160)				
	30 fps (3200 × 1800 , 2688 × 1520, 1920 × 1080, 1280 × 720)				
Sub-Stream	50 Hz: 25 fps (640 × 480, 640 × 360)				
Sub-Stream	60 Hz: 30 fps (640 × 480, 640 × 360)				
Third Stream	50 Hz: 10 fps (1920 × 1080, 1280 × 720, 640 × 480, 640 × 360)				
mind Stream	60 Hz: 10 fps (1920 x 1080, 1280 × 720, 640 × 480, 640 × 360)				
	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				
Video Bit Rate	32 Kbps to 16 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)	st (ROI) 1 fixed region for main stream and sub-stream				
Audio					
Environment Noise Filtering	nvironment 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			
	-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)			
Network				
Simultaneous Live View	Up to 6 channels			
API	Open Network Video Interface (Profile S, Profile G, Profile T), ISAPI, SDK , ISUP			
Duchasala	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			
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			
Network Storage	NAS (NFS, SMB/CIFS), auto network replenishment (ANR)			
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+			
	Local service: Chrome 57.0+, Firefox 52.0+			
Image				
Wide Dynamic Range (WDR)	130 dB			
SNR	≥ 52 dB			
Privacy Mask	8 programmable polygon privacy masks, mask color or mosaic configurable			
Day/Night Switch	Day, Night, Auto, Schedule			
Image Enhancement	BLC, HLC, 3D DNR			
Image Parameters Switch	Yes			
larana Cattinas	Rotate mode, saturation, brightness, contrast, sharpness, gain, white balance			
Image Settings	adjustable by client software or web browser			
Interface				
Ethernet Interface	1 RJ45 10 M/100 M self-adaptive Ethernet port			
On Doord Charges	Built-in memory card slot, support microSD/microSDHC/microSDXC/TF card, up to 256			
On-Board Storage	GB			
Built-in Microphone	Yes			
Built-in Speaker	1.5 W, 10 cm: 95 dB			
Audio	1 input (line in), max. input amplitude: 3.3 Vpp, input impedance:4.7 K Ω , interface			
	type: non-equilibrium			
	1 output (line out), max.output amplitude: 3.3 Vpp, output impedance: 100 Ω ,			
	interface type: non-equilibrium			
Alarm	1 input, 1 output (max. 24 VDC, 1 A)			
Reset Key	Yes			
Event				
	Motion detection (support alarm triggering by specified target types (human and			
Basic Event	vehicle)), video tampering alarm, exception (network disconnected, IP address conflict,			
	illegal login, HDD full, HDD error)			



	Line crossing detection, intrusion detection, region entrance detection, region exiting					
Smart Event	detection (support alarm triggering by specified target types (human and vehicle)),					
	scene change detection					
	Upload to NAS/memory card/FTP, notify surveillance center, trigger record, trigger					
Linkage	capture, send email					
Deep Learning Function						
Face Capture	ce Capture Yes					
General						
	12 VDC ± 25%, 0.63 A, max. 8.5 W, Ø5.5 mm coaxial power plug, reverse polarity					
Power	protection					
	PoE: 802.3af, Class 3, 36 V to 57 V, 0.24 A to 0.15 A					
Material	Cover: metal, main body: metal					
Dimension	Ø138.3 mm × 120.1 mm (Ø5.4" × 4.7")					
Package Dimension	170 mm × 170 mm × 150 mm (6.7" × 6.7" × 5.9")					
Weight	Approx. 900 g (2 lb.)					
With Package Weight	Approx. 1190 g (2.6 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,					
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, password reset via e-mail, pixel counter					
Approval						
	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					
EMC	50130-4: 2011+A1: 2014)					
EIVIC	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)					
	WEEE (2012/19/EU)					
	Reach (Regulation (EC) No 1907/2006)					
Protection	IP67: IEC 60529-2013					

Available Model

DS-2CD2387G2-LSU/SL (2.8/4 mm)



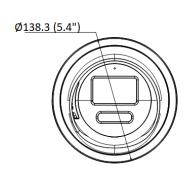
Typical Application

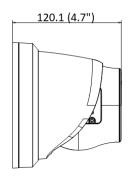
Hikvision products are classified into three levels according to their anti-corrosion performance. Refer to the following description to choose for your using environment.

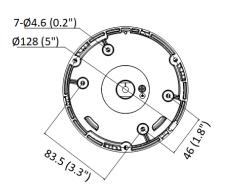
This model has NO SPECIFIC PROTECTION.

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		
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		
No specific protection	from coastlines, as well as areas affected by acid rain. 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-140 Wall Mount	DS-1273ZJ-140B Wall Mount	DS-1276ZJ-SUS Corner Mount	DS-1275ZJ-SUS Vertical Pole Mount	DS-1271ZJ-140 Pendant Mount
DS-1280ZJ-PT6 Junction Box				
Junction Box				





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HIKVISION°

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