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HIKVISION

DS-2CD2387G2P-LSU/SL 8 MP Panoramic Fixed Turret Network Camera



Hikvision ColorVu technology provides 24/7 vivid colorful images with F1.0 advanced lenses, high performance sensors and friendly lighting. 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
- One image that presents all the scenes covered by the camera
- 24/7 colorful imaging
- Efficient H.265+ compression technology
- Clear imaging against strong back light due to 130 dB WDR technology
- Focus on human and vehicle classification based on deep learning
- Active strobe light and audio alarm to warn intruders off
- Water and dust resistant (IP67)





Specification

Max. ResolutionS120 × 1440Min. IlluminationColor: 0.000 S Lux @ (F.0, AGC ON), 0 Lux with lightShutter Time1/3 s to 1/100, 000 sAngle AdjustmentPan: -30" to 30" to 15"Bangle AdjustmentPan: -30" to 30" to 15"LensFixed focal lens, Dual lens: 4 mmFocal Length & FOVFixed focal lens, Dual lens: 4 mmFocal Length & FOVVortical FOV: 180" ± 10"Vortical FOV: 180" ± 10"Vortical FOV: 44"Lens MountM16Dept of Field3.6 m to ~DordJam no. 77 m, 0: 30 m, R: 15 m, I: 7 mIlluminatorUp to 30 mSupplement Light TypeWhite LightSupplement Light RangeUp to 30 mSupplement Light RangeUp to 30 mSupplement Light Range00 for 15 (5120 × 1440)Witeo50 Hz: 12.5 fps (5120 × 1440)Witen WDR is Off: 50 Hz: 20 fps (5120 × 1440)When WDR is Off: 50 Hz: 20 fps (5120 × 1440)When WDR is Off: 50 Hz: 20 fps (5120 × 536, 960 × 272)Golt :: 51 fps (1920 × 536, 960 × 272)Golt :: 20 fps (1920 × 536, 960 × 272)Golt :: 20 fps (1920 × 536, 960 × 272)Golt :: 20 fps (1920 × 536, 960 × 272)Golt :: 20 fps (1920 × 536, 960 × 272)Golt :: 20 fps (1920 × 536, 960 × 272)Golt :: 20 fps (1920 × 536, 960 × 272)Golt :: 20 fps (1920 × 536, 960 × 272)Golt :: 20 fps (1920 × 536, 960 × 272)Golt :: 20 fps (1920 × 536, 960 × 272)Golt :: 20 fps (1920 × 536, 960 × 272)Golt :: 20 fps (1920 × 536, 960 × 272)Golt :: 20	Camera					
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Sub-Stream50 Hz: 12.5 fps (1920 × 536, 960 × 272) 60 Hz: 15 fps (1920 × 536, 960 × 272) When WDR is Off: 50 Hz: 20 fps (1920 × 536, 960 × 272) 60 Hz: 20 fps (1920 × 536, 960 × 272) 60 Hz: 20 fps (1920 × 536, 960 × 272)Video CompressionMain stream: H.265/H.264/H.264 Sub-stream: H.265/H.264/MJPEGVideo Bit Rate32 Kbps to 16 MbpsH.264 TypeBaseline Profile, Main Profile, High ProfileH.265 TypeMain ProfileBit Rate ControlCBR, VBRScalable Video Coding (SVC)H.264 and H.265 encodingRegion of Interest (ROI)1 fixed region(s) for main streamAudio TypeMono sound		60 Hz: 20 fps (5120 × 1440)				
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Sub-StreamWhen WDR is Off: 50 Hz: 20 fps (1920 × 536, 960 × 272) 60 Hz: 20 fps (1920 × 536, 960 × 272) 60 Hz: 20 fps (1920 × 536, 960 × 272)Wideo CompressionMain stream: H.265/H.264//H.264 Sub-stream: H.265/H.264//MJPEGVideo Bit Rate32 Kbps to 16 MbpsH.264 TypeBaseline Profile, Main Profile, High ProfileH.265 TypeMain ProfileBit Rate ControlCBR, VBRScalable Video Coding (SVC)H.264 and H.265 encodingRegion of Interest (ROI)1 fixed region(s) for main streamAudio TypeMono sound		50 Hz: 12.5 fps (1920 × 536, 960 × 272)				
When WDR is Off:50 Hz: 20 fps (1920 × 536, 960 × 272)60 Hz: 20 fps (1920 × 536, 960 × 272)Wideo CompressionMain stream: H.265/H.264/H.264Video Bit Rate32 Kbps to 16 MbpsH.264 TypeBaseline Profile, Main Profile, High ProfileH.265 TypeMain stream: H.265 encodingBit Rate ControlCBR, VBRScalable Video Coding (SVC)H.264 and H.265 encodingRegion of Interest (ROI)1 fixed region(s) for main streamAudio TypeMono sound	Sub-Stream					
60 Hz: 20 fps (1920 × 536, 960 × 272)Video CompressionMain stream: H.265/H.264/H.264Video Bit Rate32 Kbps to 16 MbpsH.264 TypeBaseline Profile, Main Profile, High ProfileH.265 TypeMain ProfileBit Rate ControlCBR, VBRScalable Video Coding (SVC)H.264 and H.265 encodingRegion of Interest (ROI)1 fixed region(s) for main streamAudio TypeMono sound	Sub Stream	When WDR is Off:				
Video CompressionMain stream: H.265+/H.265/H.264+/H.264 Sub-stream: H.265/H.264/MJPEGVideo Bit Rate32 Kbps to 16 MbpsH.264 TypeBaseline Profile, Main Profile, High ProfileH.265 TypeMain ProfileBit Rate ControlCBR, VBRScalable Video Coding (SVC)H.264 and H.265 encodingRegion of Interest (ROI)1 fixed region(s) for main streamAudio TypeMono sound						
Video CompressionSub-stream: H.265/H.264/MJPEGVideo Bit Rate32 Kbps to 16 MbpsH.264 TypeBaseline Profile, Main Profile, High ProfileH.265 TypeMain ProfileBit Rate ControlCBR, VBRScalable Video Coding (SVC)H.264 and H.265 encodingRegion of Interest (ROI)1 fixed region(s) for main streamAudio TypeMono sound						
Sub-stream: H.265/H.264/MJPEGVideo Bit Rate32 Kbps to 16 MbpsH.264 TypeBaseline Profile, Main Profile, High ProfileH.265 TypeMain ProfileBit Rate ControlCBR, VBRScalable Video Coding (SVC)H.264 and H.265 encodingRegion of Interest (ROI)1 fixed region(s) for main streamAudio TypeMono sound	Video Compression					
H.264 TypeBaseline Profile, Main Profile, High ProfileH.265 TypeMain ProfileBit Rate ControlCBR, VBRScalable Video Coding (SVC)H.264 and H.265 encodingRegion of Interest (ROI)1 fixed region(s) for main streamAudio TypeMono sound	-	Sub-stream: H.265/H.264/MJPEG				
H.265 TypeMain ProfileBit Rate ControlCBR, VBRScalable Video Coding (SVC)H.264 and H.265 encodingRegion of Interest (ROI)1 fixed region(s) for main streamAudio TypeMono sound	Video Bit Rate	32 Kbps to 16 Mbps				
Bit Rate Control CBR, VBR Scalable Video Coding (SVC) H.264 and H.265 encoding Region of Interest (ROI) 1 fixed region(s) for main stream Audio Mono sound	Н.264 Туре	Baseline Profile, Main Profile, High Profile				
Scalable Video Coding (SVC) H.264 and H.265 encoding Region of Interest (ROI) 1 fixed region(s) for main stream Audio Mono sound	Н.265 Туре	Main Profile				
Region of Interest (ROI) 1 fixed region(s) for main stream Audio Audio Type Mono sound Mono sound	Bit Rate Control	CBR, VBR				
Audio Audio Type Mono sound	Scalable Video Coding (SVC)	H.264 and H.265 encoding				
Audio Type Mono sound	Region of Interest (ROI)	1 fixed region(s) for main stream				
	Audio					
Audio Compression G.711/G.722.1/G.726/MP2L2/PCM/MP3/AAC-LC	Audio Type					
	Audio Compression	G.711/G.722.1/G.726/MP2L2/PCM/MP3/AAC-LC				



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	8 KHZ/16 KHZ/32 KHZ/44.1 KHZ/48 KHZ Yes				
Network					
Network					
Dratacala	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, NTP, UPnP, SMTP,				
Protocols	IGMP, 802.1X, QoS, IPv6, UDP, Bonjour, SSL/TLS, PPPoE, SNMP, WebSocket,				
c: h h' h'	WebSockets				
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				
	Password protection, complicated password, HTTPS encryption, 802.1X authenticatio				
	(EAP-MD5), watermark, IP address filter, basic and digest authentication for				
Security	HTTP/HTTPS, WSSE and digest authentication for Open Network Video Interface,				
	RTP/RTSP over HTTPS, control timeout settings, security audit log, TLS 1.2, host				
	authentication (MAC address)				
Network Storage	NAS (NFS, SMB/CIFS), Auto Network Replenishment (ANR), NVR,				
	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+,				
	Local service: Chrome 57.0+, Firefox 52.0+				
Image					
Image Parameters Switch	Yes				
luces Cettings	saturation, brightness, contrast, sharpness, gain, white balance, adjustable by client				
Image Settings	software or web browser				
Day/Night Switch	Day, Night, Auto, Schedule				
Wide Dynamic Range (WDR)	130 dB				
SNR	≥ 52 dB				
Image Enhancement	BLC, HLC, 3D DNR				
Interface					
Ethernet Interface	1 RJ45 10 M/100 M self-adaptive Ethernet port				
	Built-in memory card slot, support microSD/microSDHC/microSDXC/TF card, up to 25				
On-Board Storage	GB				
Built-in Microphone	Yes				
Built-in Speaker	Max. power consumption: 1.2 W, max. sound pressure: 10 cm: 95 dB				
	1 input (line in), terminal block, max. input amplitude: 3.3 Vpp, input impedance: 4.7				
Audio	KΩ, interface type: non-equilibrium,				
	1 output (line out), terminal block, max. output amplitude: 3.3 Vpp, output				
Alarm	impedance: 100 Ω, interface type: non-equilibrium 1 input, 1 output (max. 24 VDC, 1 A)				



Event				
	Motion detection (support alarm triggering by specified target types (human and			
Basic Event	vehicle)), alarm input and output, flashing alarm light output, audible alarm output,			
	exception			
	Line crossing detection, intrusion detection, region entrance detection, region exiting			
Smart Event	detection (support alarm triggered by specified target types (human and vehicle)),			
	scene change detection			
Linkago	Upload to FTP/NAS/memory card, notify surveillance center, send email, trigger alarm			
Linkage	output, trigger recording, trigger capture, audible warning, white light flashing			
Deep Learning Function				
Dorimotor Protoction	Line crossing, intrusion, region entrance, region exiting (support alarm triggering by			
Perimeter Protection	specified target types (human and vehicle))			
General				
Power	12 VDC ± 25%, 0.79 A, max. 9.5 W, Ø5.5 mm coaxial power plug,			
Power	PoE: 802.3af, Class 3, 36 V to 57 V, 0.29 A to 0.18 A, max. 10.5 W			
Material	Base: metal, cover: metal			
Dimension	Ø155 mm × 155.3 mm (Ø6.1" × 6.1")			
Package Dimension	230 mm × 230 mm × 230 mm (9" × 9" × 9")			
Weight	Approx. 1110 g (2.4 lb.)			
With Package Weight	Approx. 1900 g (4.2 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				
	33 languages: English, Russian, Estonian, Bulgarian, Hungarian, Greek, German, Italian,			
Language	Czech, Slovak, French, Polish, Dutch, Portuguese, Spanish, Romanian, Danish, Swedish,			
Luiguage	Norwegian, Finnish, Croatian, Slovenian, Serbian, Turkish, Korean, Traditional Chinese,			
	Thai, Vietnamese, Japanese, Latvian, Lithuanian, Portuguese (Brazil), Ukrainian			
General Function	Anti-flicker, heartbeat, password reset via email, password protection, one-key reset			
Flashing Light	Yes			
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,			
	RCM: AS/NZS CISPR 32: 2015,			
	IC: ICES-003: Issue 7			
Safety	UL: UL 62368-1,			
	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-2CD2387G2P-LSU/SL (4 mm)



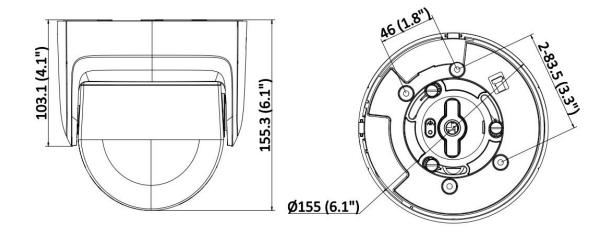
Typical Application

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-1473ZJ-155B	DS-1473ZJ-155	DS-1471ZJ-155	DS-1280ZJ-DM55
Wall Mount	Wall Mount	Pendant Mount	Junction Box



Distributed by



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