

DS-2CD2687G2T-LZS 8 MP ColorVu Varifocal Bullet 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
- Motorized varifocal lens for easy installation and monitoring
- 24/7 colorful imaging
- 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
- Water and dust resistant (IP67) and vandal resistant (IK10)



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Specification

Image Sensor1/1.8" Progressive Scan CMOSMax. Resolution340 × 2160Max. ResolutionColor. 0008 Lux @ (FL0, AGC ON), 0 Lux with lightShutter Time1/3 s to 1/100,000 sDay & Night2/7 color imagingAngle AdjustmentPan: o'to 355°, till: o' to 90°, rotate: o'' to 360°EmeTurneLens TypeVarifocal lens, motorized lens, 2.8 to 12 mmFocal Length & FOV2.8 to 12 mm, horizontal FOV 103.5" to 40°, vertical FOV 52.7" to 22.3°, diagonal FOVFocal Length & FOV2.8 to 12 mm, horizontal FOV 103.5" to 40°, vertical FOV 52.7" to 22.3°, diagonal FOVFocusVarifocal lens, motorized lens, 2.8 to 12 mm, horizontal FOV 103.5" to 40°, vertical FOV 52.7" to 22.3°, diagonal FOVFocusVarifocal Length & FOV12.9 yr 04 6.1"12.9 yr 04 6.1"Lens MountIntegratedFocusMax. FL0Depth of Field2.4 m to ∞DRIWide: D: 96 m, 0: 38.1 m, R: 19.2 m, 1: 9.5 m Tele: D: 160 m, 0: 63.5 m, R: 32.0 m, 1: 16 mBunnetUp to 60 mSupplement Light TypeMite LightSupplement Light Range10 Hz: 2.5 for (1840 × 2160, 2200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720)Supplement Light Range50 Hz: 2.5 for (1840 × 2160, 2400 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720)Sub-Stream60 Hz: 2.6 for (1820 × 720, 640 × 480, 640 × 360)Sub-Stream60 Hz: 2.6 for (1820 × 720, 640 × 480, 640 × 360)Sub-Stream60 Hz: 2.6 for (1820 × 720, 640 × 480, 640 × 360)Sub-Stream60 Hz: 2.6 for (1820 × 720, 640 × 480, 640 × 360)	Camera				
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Image: stand s	Main Stream	60 Hz:			
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Video 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 stream and sub-streamAudio		Sub-stream: H.265/H.264/MJPEG,			
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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 stream and sub-streamAudio	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 and sub-stream Audio Image: Comparison of Compar	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 and sub-stream Audio Value	Н.265 Туре	Main Profile			
Region of Interest (ROI) 1 fixed region(s) for main stream and sub-stream Audio	Bit Rate Control	CBR,VBR			
Audio	Scalable Video Coding (SVC)				
	Region of Interest (ROI)	1 fixed region(s) for main stream and sub-stream			
Audio Type Mono sound	Audio				
Auto rype iviolo souliu	Audio Type	Mono sound			
Audio Compression G.711/G.722.1/G.726/MP2L2/PCM/MP3/AAC-LC	Audio Compression	G.711/G.722.1/G.726/MP2L2/PCM/MP3/AAC-LC			



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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	Tes			
Network				
Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, NTP, UPnP, SMTP, IGMP, 802.1X, QoS, IPv6, UDP, Bonjour, SSL/TLS, PPPoE, SNMP, WebSocket, WebSockets			
Simultaneous Live View	Up to 6 channels			
API	Open Network Video Interface (Profile S, Profile G, Profile T), ISAPI, SDK, ISUP			
	Up to 32 users			
User/Host	3 user levels: administrator, operator, and user			
	Password protection, complicated password, HTTPS encryption, 802.1X authentication			
Security	(EAP-TLS, EAP-LEAP, EAP-MD5), watermark, IP address filter, basic and digest authentication for HTTP/HTTPS, WSSE and digest authentication for Open Networ Video Interface, RTP/RTSP over HTTPS, control timeout settings, security audit log, 1.2, TLS 1.3, host authentication (MAC address)			
Network Storage	NAS (NFS, SMB/CIFS), Auto Network Replenishment (ANR), Together with high-end Hikvision memory card, memory card encryption and health detection are supported.			
Client	iVMS-4200, Hik-Connect, Hik-Central			
Web Browser	Plug-in required live view: IE10+, Plug-in free live view: Chrome 57.0+, Firefox 52.0+, Safari 12+, Local service: Chrome 57.0+, Firefox 52.0+			
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			
Wide Dynamic Range (WDR)	130 dB			
SNR	≥ 52 dB			
Image Enhancement	BLC, HLC, 3D DNR			
Privacy Mask	4 regions of privacy mask			
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 256 GB			
Oll-Board Storage				
Audio	 1 input(s) (line in), two-core terminal block, max. input amplitude: 3.3 Vpp, input impedance: 4.7 KΩ, interface type: non-equilibrium, 1 output(s) (line out), two-core terminal block, max. output amplitude: 3.3 Vpp, output impedance: 100 Ω, interface type: non-equilibrium 			
Alarm	1 input(s), 1 output(s) (max. 24 VDC/24 VAC, 1 A)			
Reset Key	Yes			
Event				
Basic Event	Motion detection (support alarm triggering by specified target types (human and vehicle)), video tampering alarm, exception			



Smart Event	Line crossing detection, intrusion detection, region entrance detection, region exiting detection (support alarm triggered by specified target types (human and vehicle)), scene change detection		
Linkage	Upload to FTP/NAS/memory card, notify surveillance center, send email, trigger		
Deep Learning Function	recording, trigger capture, supplement light, audible warning, trigger alarm output		
Deep Learning Function			
Face Capture	Yes		
General			
Power	12 VDC ± 25%, 1.21 A, max. 14.5 W, Ø5.5 mm coaxial power plug, reverse polarity protection, PoE: 802.3at, Class 3, 42.5 V to 57 V, 0.43 A to 0.32 A, max. 18 W		
Material	Aluminum alloy body		
Dimension	298 mm × 97.9 mm × 95.7 mm (11.8" × 3.9" × 3.8")		
Package Dimension	385 mm × 190 mm × 180 mm (15.2" × 7.5" × 7.1")		
Weight	Approx. 1465 g (3.2 lb.)		
With Package Weight	Approx. 2081 g (4.6 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)		
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	Heartbeat, anti-banding, mirror, flash log, password reset via email, pixel counter, password protection, one-key reset, three streams		
Approval			
EMC	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 50130-4: 2011+A1: 2014, RCM: AS/NZS CISPR 32: 2015, IC: ICES-003: Issue 7		
UL: UL 62368-1, Gafety CB: IEC 62368-1: 2014+A11, CE-LVD: EN 62368-1: 2014/A11: 2017			
Environment	CE-RoHS: 2011/65/EU, WEEE: 2012/19/EU		
Protection	IP67: IEC 60529-2013, IK10: IEC 62262: 2002		



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.

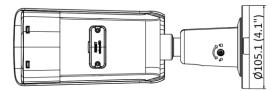
This model has NO SPECIFIC PROTECTION.

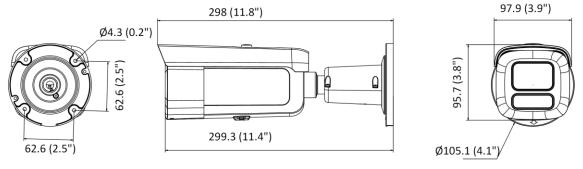
Level	Description		
Top-level protection	Hikvision products at this level are equipped for use in areas where professional anti-corrosion protection is a must. Typical application scenarios include coastlines, docks, chemical plants, and more.		
Moderate protection	Hikvision products at this level are 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-2CD2687G2T-LZS (2.8 to 12 mm)

Dimension





Unit: mm (inch)



Accessory

Optional

DS-1275ZJ-S-SUS	DS-1276ZJ-SUS	DS-1260ZJ	DS-1275ZJ-SUS
Vertical Pole Mount	Corner Mount	Junction Box	Vertical Pole Mount
IB			