

DS-2CD2647G2-LZS 4 MP ColorVu Motorized 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 4 MP resolution
- Motorized varifocal lens for easy installation and monitoring
- 24/7 colorful imaging

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- Clear imaging against strong backlight due to 130 dB WDR technology
- Focus on human and vehicle targets classification based on deep learning
- Efficient H.265+ compression technology
- Water and dust resistant (IP67) and vandal resistant (IK10)







Specification

Image Sensor 1/1.8" Progressive Scan CMOS Min. Illimination Color: 0.0005 Lux @ (F1.0, AGC ON), 0 Lux with white light Shutter Speed 1/3 s to 1/100,000 s Slow Shutter Yes P/N Wide Dynamic Range 130 dB Angle Adjustment Pan: 0" to 355", tilt: 0" to 90", rotate: 0" to 360" Power-off Memory Yes Lens Varifocal lens, motorized lens, 3.6 to 9 mm Focal Length & FOV 3.6 to 9 mm, horizontal FOV 92.3" to 48", vertical FOV 48.4" to 27", diagonal FOV 112.2" to 55" Lens Mount Ø20 Iris Type Fixed Aperture F1.0 DORI D: 69 m to 124 m, 0: 27.4 m to 49.3 m, R: 13.8 m to 24.8 m, I: 6.9 m to 12.4 m Illuminator Witted White Light Range Up to 60 m Video Video Whare Solution 2688 x 1520 Main Stream 50 Hz: 25 fps (2688 x 1520, 1920 x 1080, 1280 x 720) Mair Stream 50 Hz: 25 fps (640 x 480, 640 x 360) 60 Hz: 30 fps (2604 x 480, 640 x 360) 60 Hz: 30 fps (1920 x 1080, 1280 x 720, 640 x 480, 640 x 360) 60 Hz: 10 fps (1920 x 1080, 1280 x 720, 6	Camera		
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112.2° to 55° Lens Mount Ø20 Iris Type	Lens Type	Varifocal lens, motorized lens, 3.6 to 9 mm	
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Video Bit Rate 32 Kbps to 8 Mbps H.264 Type Baseline Profile/Main Profile High Profile H.265 Type Main Profile H.264+ Main stream supports H.265+ Main stream supports Bit Rate Control CBR/VBR Scalable Video Coding (SVC) H.265 and H.264 encoding	video Compression	Third stream: H.265/H.264	
H.264 Type Baseline Profile/Main Profile H.265 Type Main Profile H.264+ Main stream supports H.265+ Main stream supports Bit Rate Control CBR/VBR Scalable Video Coding (SVC) H.265 and H.264 encoding		*Third stream is supported under certain settings.	
H.265 Type Main Profile H.264+ Main stream supports H.265+ Main stream supports Bit Rate Control CBR/VBR Scalable Video Coding (SVC) H.265 and H.264 encoding	Video Bit Rate	32 Kbps to 8 Mbps	
H.264+ Main stream supports H.265+ Main stream supports Bit Rate Control CBR/VBR Scalable Video Coding (SVC) H.265 and H.264 encoding	H.264 Type	Baseline Profile/Main Profile/High Profile	
H.265+ Main stream supports Bit Rate Control CBR/VBR Scalable Video Coding (SVC) H.265 and H.264 encoding	H.265 Type	Main Profile	
Bit Rate Control CBR/VBR Scalable Video Coding (SVC) H.265 and H.264 encoding	H.264+	Main stream supports	
Scalable Video Coding (SVC) H.265 and H.264 encoding	H.265+	Main stream supports	
	Bit Rate Control	CBR/VBR	
Region of Interest (ROI) 1 fixed region for main stream and sub-stream	Scalable Video Coding (SVC)	H.265 and H.264 encoding	
	Region of Interest (ROI)	1 fixed region for main stream and sub-stream	



Audio				
Audio Compression	G.711ulaw/G.711alaw/G.722.1/G.726/MP2L2/PCM/MP3/AAC			
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)			
Audio Sampling Rate	8 kHz/16 kHz/32 kHz/44.1 kHz/48 kHz			
Environment Noise Filtering	Yes			
Network	·			
Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, NTP, UPnP, SMTP, IGMP, 802.1X, QoS, IPv4, IPv6, UDP, Bonjour, SSL/TLS, PPPoE, SNMP, ARP, WebSocket, WebSockets			
Simultaneous Live View	Up to 6 channels			
API	Open Network Video Interface (PROFILE S, PROFILE G, PROFILE T), ISAPI, SDK			
User/Host	Up to 32 users. 3 user levels: administrator, operator and user			
Security	Password protection, complicated password, HTTPS encryption, IP address filter, 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) 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: IE 10+ Plug-in free live view: Chrome 57.0+, Firefox 52.0+ 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	Auto, Schedule			
SNR	≥ 52 dB			
Image Enhancement	BLC, HLC, 3D DNR			
Interface				
Ethernet Interface	1 RJ45 10 M/100 M self-adaptive Ethernet port			
On-Board Storage	Built-in memory card slot, support micro SD/SDHC/SDXC slot, up to 256 GB			
Audio	1 input (line in), 3.5 mm connector, max. input amplitude: 3.3 Vpp, input impedance: 4.7 K Ω , interface type: non-equilibrium 1 output (line out), 3.5 mm connector, max. output amplitude: 3.3 Vpp, output impedance: 100 Ω , interface type: non-equilibrium			
Alarm	1 input, 1 output (max. 24 VDC/24 VAC, 1 A)			
Hardware Reset	Yes			
Event				
Basic Event	Motion detection (human and vehicle targets classification), video tampering alarm, exception			
Smart Event	Scene change detection			
Deep Learning Function				
Face Capture	Yes			



	Line crossing detection, intrusion detection, region entrance detection, region exiting
Perimeter Protection	detection
	Supports human and vehicle targets classification
General	Supports numan and venicle targets classification
General	Haland to NAC/manage and /FTD matiful annually and another triprogramme and in a triprogramme
Linkage Method	Upload to NAS/memory card/FTP, notify surveillance center, trigger recording, trigger
	capture, send email
Camera Material	Aluminum alloy body
Camera Dimension	327.9 mm × 97.9 mm × 90.9 mm (12.9" × 3.9" × 3.6")
Package Dimension	385 mm × 190 mm ×180 mm (15.2" × 7.5" × 7.1")
Camera Weight	Approx. 1520 g (3.4 lb.)
With Package Weight	Approx. 2521 g (5.6 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)
Web Client 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
Canada	Anti-flicker, heartbeat, mirror, privacy mask, flash log, password reset via email, pixel
General Function	counter
Firmware Version	V5.5.113
Software Reset	Yes
David Caramatian and Comment	12 VDC, 1.21 A, max. 14.5 W
Power Consumption and Current	PoE (802.3at, 42.5 V to 57 V), 0.43 A to 0.32 A, max. 18 W
D 6 1	12 VDC ± 25%
Power Supply	PoE: 802.3at, Class 4
Power Interface	Two-core terminal block
Approval	
EMC	FCC SDoC (47 CFR Part 15, Subpart B);
	CE-EMC (EN 55032: 2015, EN 61000-3-2: 2014, EN 61000-3-3: 2013, EN 50130-4: 2011
	+A1: 2014);
	RCM (AS/NZS CISPR 32: 2015);
	IC VoC (ICES-003: Issue 6, 2016);
	KC (KN 32: 2015, KN 35: 2015)
Safety	UL (UL 60950-1);
	CB (IEC 60950-1:2005 + Am 1:2009 + Am 2:2013, IEC 62368-1:2014);
	CE-LVD (EN 60950-1:2005 + Am 1:2009 + Am 2:2013, IEC 62368-1:2014);
	LOA (IEC/EN 60950-1)
Environment	CE-RoHS (2011/65/EU); WEEE (2012/19/EU);
	Reach (Regulation (EC) No 1907/2006)
Protection	IP67 (IEC 60529-2013), IK10 (IEC 62262:2002)
riotection	1FU/ (IEC 00323-2013), INTO (IEC 02202.2002)

Available Model

DS-2CD2647G2-LZS (3.6 to 9 mm)





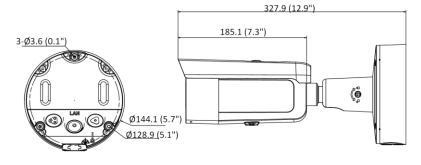
Typical Application

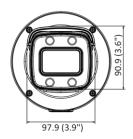
Hikvision products are classified into three levels according to their anti-corrosion performance. Refer to the following description to choose for your using environment.

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





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