DS-2CD2747G2T-LZS

Hikvision DS-2CD2747G2T-LZS 4MP ColorVu Motorized Varifocal Dome Network Camera

Product Overview

Hikvision DS-2CD2747G2T-LZS 4MP ColorVu Motorized Varifocal Dome Network Camera. 4MP ColorVu security camera, motorized varifocal lens; 24/7 full-color imaging, AI human and vehicle detection; IP67 weatherproof, IK10 vandal resistant; supports PoE and microSD up to 512GB; WDR 130 dB, white light up to 40m; face capture and smart alerts; suitable for home, business, perimeter and outdoor surveillance in South Africa



Specifications

About this product

The Hikvision DS-2CD2747G2T-LZS is a 4MP AI-powered dome network camera with ColorVu for 24/7 color imaging. It features a motorized varifocal lens, IP67-rated weather resistance, and IK10 vandal protection. With intelligent human and vehicle detection, face capture, and smart alert capabilities, this camera offers advanced security for homes, businesses, and outdoor areas. Shop now from our online store for reliable, professional-grade surveillance.

Overview Summary

The Hikvision DS-2CD2747G2T-LZS is a high-performance 4MP ColorVu motorized varifocal dome network camera designed for professional-grade security monitoring. It delivers vibrant, full-color images day and night, thanks to its advanced 1/1.8 inch CMOS sensor and F1.0 aperture lens. This camera is built for precise surveillance with deep learning-based target classification for humans and vehicles, making it ideal for South African environments where security threats are a concern.

Featuring a motorized 2.8 mm to 12 mm varifocal lens, IP67-rated weather resistance, and IK10-rated vandal protection, the DS-2CD2747G2T-LZS offers durability, ease of installation, and excellent video performance. With support for H.265+ compression and integrated white light illumination up to 40 meters, this device is engineered for 24/7 clarity and efficiency in bandwidth usage.

Performance tier: Professional-grade

Uses: Business surveillance, perimeter protection, residential security, vehicle monitoring, human detection, outdoor use

Description

The Hikvision DS-2CD2747G2T-LZS ColorVu dome camera is built for powerful and intelligent surveillance. With its 4MP resolution and ColorVu technology, it captures clear and vibrant images around the clock, regardless of lighting conditions. Its

integrated white light supplement ensures visibility even in complete darkness, making it ideal for outdoor or high-risk areas.

The camera's motorized varifocal lens allows for remote zoom and focus adjustment, simplifying installation and monitoring flexibility. It features a durable, weather- and vandal-resistant design, making it reliable in tough environments. Deep learning AI enhances threat detection by distinguishing between humans and vehicles, reducing false alarms. With smart features like face capture, intrusion detection, and wide dynamic range, this camera delivers top-tier security performance for homes, offices, and businesses.

Features

Stay protected with advanced security and smart features packed into a robust and intelligent camera.

- 4MP high resolution for clear, detailed images
- Motorized varifocal lens for flexible viewing angles and simplified setup
- Full-color imaging 24/7 with ColorVu technology and F1.0 aperture
- 130 dB Wide Dynamic Range (WDR) for clear backlit images
- AI-powered human and vehicle target classification using deep learning
- Efficient H.265+ video compression reduces storage and bandwidth use
- IP67 weatherproof and IK10 vandal-resistant housing for reliable outdoor use
- Built-in white light with up to 40 m illumination range
- Supports face capture, intrusion detection, line crossing, and more

What's in the Box

- Hikvision DS-2CD2747G2T-LZS Camera
- Mounting accessories
- Quick start guide
- Installation screws

Specifications:

Camera	
Image Sensor	1/1.8" Progressive Scan CMOS
Max. Resolution	2688 x 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
Angle Adjustment	Pan: 0degrees to 355degrees, tilt: 0degrees to 75degrees, rotate: 0degrees to 355degrees
Day & Night	24/7 color imaging
Lens	
Lens Type	Varifocal lens, motorized lens, 2.8 to 12 mm
Focal Length & FOV	2.8 to 12 mm, horizontal FOV 105.4degrees to 56.4degrees, vertical FOV 53.9degrees to 31.6degrees, diagonal FOV 131.8degrees to 65.1degrees
Lens Mount	Integrated
Iris Type	DC iris
Aperture	F1.0
Depth of Field	1.9 m to ?
DORI	

DORI	D: 66.8 m to 110.4 m, O: 26.5 m to 43.8 m, R: 13.4 m to 22.1 m, I: 6.7 m to 11 m
Illuminator	
Supplement Light Type	White Light
Supplement Light Range	Up to 40 m
Smart Supplement Light	Yes
Video	
Sub-Stream	50 Hz: 25 fps (1280 x 720, 640 x 480, 640 x 360)
	60 Hz: 30 fps (1280 x 720, 640 x 480, 640 x 360)
Third Stream	50 Hz: 10 fps (1920 x 1080, 1280 x 720, 640 x 480, 640 x 360)
	60 Hz: 10 fps (1920 x 1080, 1280 x 720, 640 x 480, 640 x 360)
	*Third stream is supported under certain settings.
Video Compression	Main stream: H.265/H.264/H.265+/H.264+
	Sub-stream: H.265/H.264/MJPEG
	Third stream: H.265/H.264
	*Third stream is supported under certain settings.
Video Bit Rate	32 Kbps to 8 Mbps
H.264 Type	Baseline Profile, Main Profile, High Profile
H.265 Type	Main Profile
Bit Rate Control	VBR, CBR
Main Stream	50 Hz: 25 fps (2688 x 1520, 1920 x 1080, 1280 x 720)
	60 Hz: 30 fps (2688 x 1520, 1920 x 1080, 1280 x 720)
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	
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	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, 802.1X authentication (EAP-TLS, EAP-LEAP, EAP-MD5), watermark, IP address filter, basic and digest 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)
	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, IE 11,
	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, 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 512 GB
Audio	1 input (line in), 2-core terminal block, max. input amplitude: 3.3 Vpp, input impedance: 4.7 Kohm, interface type: non-equilibrium
	1 output (line out), 2-core terminal block, max. output amplitude: 3.3 Vpp, output impedance: 100 ohm, 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, network disconnected, IP address conflict, illegal login, HDD full, HDD error
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, trigger recording, trigger capture, send email, trigger alarm output, white light flashing
Deep Learning Function	
Face Capture	Yes

General	
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
Power	12 VDC +/- 25%, 0.9 A, max. 10.8 W, Ø5.5 mm coaxial power plug, reverse polarity protection
	PoE: 802.3af, Class 3, 36 V to 57 V, 0.36 A to 0.23 A, max. 12.9 W
With Package Weight	Approx. 2150 g (4.6 lb.)
Dimension	Ø155 mm x 152 mm (Ø6.1 x 6.0")"
Package Dimension	227 mm x 198 mm x 220 mm (8.9" x 7.8" x 8.7")
Weight	Approx. 1600 g (3.4 lb.)
Storage Conditions	-30 degreesC to 60 degreesC (-22 degreesF to 140 degreesF). Humidity 95% or less (non-condensing)
Startup and Operating Conditions	-30 degreesC to 60 degreesC (-22 degreesF to 140 degreesF). Humidity 95% or less (non-condensing)
General Function	Heartbeat, anti-banding, mirror, flash log, password reset via email, pixel counter
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,
	KC: KN32: 2015, KN35: 2015
Safety	UL: UL 62368-1
	CB: IEC 62368-1: 2014+A11
	CE-LVD: EN 62368-1: 2014/A11: 2017,
	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

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page:
https://www.comx-computers.co.za/DS-2CD2747G2T-LZS-Hikvision-DS-2CD2747G2T-LZS-4MP-ColorVu-Motorized-Varifocal-Dome-p-326215.php

Images and specifications are provided for reference and are subject to change without notice. E&OE.

Terms of Use: https://www.comx-computers.co.za/terms-of-use.php
Terms of Sale: https://www.comx-computers.co.za/terms-of-sale.php

PDF generated: 2026-11-14 13:22:08.

This PDF was generated automatically and may include content prepared or assisted by automated or AI-based systems. While reasonable care is taken to ensure accuracy, errors or omissions may occur.

For the most current and accurate product information, please refer to the product information available on our website. If any specification or other information differs from information published elsewhere, please confirm the details with us before relying on the information or making a purchasing decision.

If you identify an error or discrepancy, please report it to us so that we may investigate and correct it where necessary.