DS-2CD2546G2-IS(2.8mm)

Hikvision DS-2CD2546G2-IS 4 MP Acusense Built-in Mic Fixed Mini Dome Network Camera with 2.8mm lens

Product Overview

Hikvision DS-2CD2546G2-IS DarkFighter 4MP Acusense Fixed 2.8mm Mini Dome Network Camera, IR up to 30m, IP67, IK08, horizontal FOV 107 degrees, vertical FOV 57 degrees, diagonal FOV 129 degrees



Specifications

Features:

- High quality imaging with 4 MP resolution
- Excellent low-light performance with powered-by-DarkFighter technology
- Focusing on human and vehicle classification based on deep learning
- Clear imaging against strong back light due to 120 dB WDR technology
- Efficient H.265+ compression technology
- Audio and alarm interface available
- Water and dust resistant IP67 and vandal proof IK08

Specifications:

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Specifications	
Product Code	DS-2CD2546G2-IS(2.8mm)
Camera	
Image Sensor	1/3" Progressive Scan CMOS
Max. Resolution	2688 x 1520
Min. Illumination	Color: 0.003 Lux @ (F1.4, AGC ON), B/W: 0 Lux with IR
Shutter Time	1/3 s to 1/100, 000 s
Day & Night	IR cut filter

Angle Adjustment	Pan: -30 degrees to 30 degrees, tilt: 0 degrees to 75 degrees, rotate: 0 degrees to 360 degrees
Lens	
Lens Type	Fixed focal lens, 2.8 and 4 mm optional
Focal Length & FOV	2.8 mm, horizontal FOV 102.7 degrees, vertical FOV 55.2 degrees, diagonal FOV 122.5 degrees
Lens Mount	M12
Iris Type	Fixed
Aperture	F1.4
Depth of Field	2.8 mm: 1.6 m to ?
DORI	
Illuminator	
Supplement Light Type	IR
Supplement Light Range	Up to 30 m
Smart Supplement Light	Yes
IR Wavelength	850 nm
Video	
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)
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	CBR/VBR
Scalable Video Coding (SVC)	H.264 and H.265 encoding
Region of Interest (ROI)	1 fixed region for main stream and sub-stream
Audio	
Audio Type	-IS/IWS: Mono sound
Audio Compression	-IS/IWS: G.711ulaw / G.711alaw / G.722.1 / G.726 / MP2L2 / PCM / MP3 / AAC-LC

Audio Bit Rate	-IS/IWS: 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	-IS/IWS: 8 kHz/16 kHz/32 kHz/44.1 kHz/48 kHz
Environment Noise Filtering	-IS/IWS: Yes
Network	
Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, NTP, UPnP, SMTP, IGMP, 802.1 (except for -W model), 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, 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, 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)	120 dB
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 microSD card, up to 512 GB
Built-in Microphone	Yes
Audio	1 input (line in), two-core terminal block, max. input amplitude: 3.3 Vpp, input impedance: 4.7 Kohm, interface type: non-equilibrium
	1 output (line out), two-core terminal block, max. output amplitude: 3.3 Vpp, output impedance: 100 ohm, interface type: non-equilibrium
Alarm	-IS/IWS:
	1 input, 1 output (max. 12 VDC, 20 mA)
Reset Key	Yes

Event	
Basic Event	Motion detection (human and vehicle targets classification), video tampering alarm, exception
Smart Event	Line crossing, intrusion, region entrance, region exiting (support alarm triggering 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
Deep Learning Function	
Face Capture	Yes
General	
Power	-IS:
	12 VDC +/- 25%, 0.45 A, max. 5.5 W, Ø5.5 mm coaxial power plug, reverse polarity protection
	PoE: 802.3af, Class 3, 36 V to 57 V, 0.18 A to 0.11 A, max. 6.5 W
Material	Base: aluminum, cover: plastic
Dimension	Ø110 mm x 57.4 mm (Ø 4.3" x 2.3")
Package Dimension	134 mm x 134 mm x 108 mm (5.3" x 5.3" x 4.3")
Weight	Approx. 380 g (0.8 lb.)
With Package Weight	Approx. 620 g (1.4 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)
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	Anti-flicker, heartbeat, mirror, privacy mask, flash log, password reset via email, pixel counter
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)
	IK8 (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.co.za/DS-2CD2546G2-IS-2-8mm-Hikvision-DS-2CD2546G2-IS-4-MP-Acusense-Built-in-Mic-Fixed-p-301091.php

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