

DS-2CD2643G2-IZS

4 MP AcuSense Motorized Varifocal Bullet Network Camera

AcuSense













Empowered by deep learning algorithms, Hikvision AcuSense technology brings human and vehicle targets classification alarms to front- and back-end devices. The system focuses on human and vehicle targets, vastly improving alarm efficiency and effectiveness.

- High quality imaging with 4 MP resolution
- Motorized varifocal lens for easy installation and monitoring
- Clear imaging against strong backlight due to 120 dB WDR technology
- Efficient H.265+ compression technology
- Water and dust resistant (IP67) and vandal resistant (IK10)
- Focus on human and vehicle targets classification based on deep learning





Specification

Camera						
Image Sensor	1/3" Progressive Scan CMOS					
Min. Illumination	Color: 0.005 Lux @ (F1.6, AGC ON), 0 Lux with IR on					
Shutter Speed	1/3 s to 1/100,000 s					
Slow Shutter	Yes					
P/N	P/N					
Wide Dynamic Range	120 dB					
Day & Night	ICR Cut					
Angle Adjustment	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°					
Lens						
Focal Length & FOV	2.8 to 12 mm, horizontal FOV 95.8° to 29.2°, vertical FOV 50.6° to 16.4°, diagonal FOV					
rocal Length & rov	114.6° to 33.4°					
Aperture	F1.6					
Lens Mount	Ø14					
DORI						
DORI	2.8 to 12 mm: D: 64 m to 200 m, O: 25.4 m to 79.4 m, R: 12.8 m to 40 m, I: 6.4 m to 20					
	m					
Illuminator						
IR Range	Up to 60 m					
IR Wavelength	850 nm					
Video						
Max. Resolution	2688 × 1520					
Main Stream	50 Hz: 25 fps (2688 × 1520, 1920 × 1080, 1280 × 720)					
	60 Hz: 30 fps (2688 × 1520, 1920 × 1080, 1280 × 720)					
Sub-Stream	50 Hz: 25 fps (1280 × 720, 640 × 480, 640 × 360)					
	60 Hz: 30 fps (1280 × 720, 640 × 480, 640 × 360)					
Third Stream	50 Hz: 10 fps (1920 × 1080, 1280 × 720, 640 × 480, 640 × 360)					
	60 Hz: 10 fps (1920 × 1080, 1280 × 720, 640 × 480, 640 × 360)					
	Main stream: H.265/H.264/H.264+/H.265+					
Video Compression	Sub-stream: H.265/H.264/MJPEG					
	Third stream: H.265/H.264					
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)	Yes					
Region of Interest (ROI)	1 fixed region for main stream and sub-stream					
Audio						
Environment Noise Filtering	Yes					
Audio Sampling Rate	8 kHz/16 kHz/32 kHz/44.1 kHz/48 kHz					
Audio Compression G.711ulaw/G.711alaw/G.722.1/G.726/MP2L2/PCM/MP3/AAC-LC						



	CANI				
Audio Bit Rate	64 Kbps (G.711ulaw/G.711alaw)/16 Kbps (G.722.1)/16 Kbps (G.726)/16-64 Kbps (AAC-LC)/32-192 Kbps (MP2L2)/8-320 Kbps (MP3)				
Network	LC)/32 132 Kbp3 (Wii 2L2)/0 320 Kbp3 (Wii 3)				
Simultaneous Live View	Unito 6 channels				
	Up to 6 channels Open Network Video Interface (Profile S. Profile G.) ISABI SDV				
API	Open Network Video Interface (Profile S, Profile G), ISAPI, SDK				
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, WebSocket, WebSockets				
User/Host	Up to 32 users. 3 user levels: administrator, operator and user				
	Password protection, complicated password, HTTPS encryption, IP address filter,				
Security	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)				
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+, Edge 89+,				
	Local service: Chrome 57.0+, Firefox 52.0+, Edge 89+				
Image					
Day/Night Switch	Day, Night, Auto, Schedule				
Image Enhancement	BLC, HLC, 3D DNR				
Image Parameters Switch	Yes				
	Rotate, mirror, privacy masks, saturation, brightness, contrast, sharpness, gain, white				
Image Settings	balance adjustable by client software or web browser				
Interface					
	1 input (line in), two-core terminal block, max. input amplitude: 3.3 vpp, input				
	impedance: 4.7 KΩ, interface type: non-equilibrium;				
Audio	1 output (line out), two-core terminal block, max. output amplitude: 3.3 vpp, output				
	impedance: 100Ω , interface type: non-equilibrium				
Alarm	1 input, 1 output (max. 12 VDC, 30 mA)				
On-Board Storage	Built-in microSD, up to 512 GB				
Reset Key	Yes				
Ethernet Interface	1 RJ45 10M/100M self-adaptive Ethernet port				
Event					
	Motion detection (human and vehicle targets classification), video tampering alarm,				
Basic Event	exception				
Face Detection	Yes				
Deep Learning Function					
Deep Learning Function	Line crossing detection, intrusion detection				
Perimeter Protection					
Conoral	Supports human and vehicle targets classification				
General	Haland to ETD/monor and ALAC and the same allows				
Linkage Method	Upload to FTP/memory card/NAS, notify surveillance center, trigger record, trigger				
	capture, Email				



	33 languages				
	English, Russian, Estonian, Bulgarian, Hungarian, Greek, German, Italian, Czech, Slovak,				
Language	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, password reset via e-mail, pixel counter				
Software Reset	Yes				
Storage Conditions	-30 °C to 60 °C (-22 °F to 140 °F). Humidity 95% or less (non-condensing)				
Startup and Operating	20 °C to 60 °C / 22 °C to 140 °C \ Humidity 050/ or loss (non-condensing)				
Conditions	-30 °C to 60 °C (-22 °F to 140 °F). Humidity 95% or less (non-condensing)				
Davis Grande	12 VDC ± 25%				
Power Supply	PoE: 802.3at, Class 4				
Dayyar Cansumation and Current	12 VDC, 1.08 A, max. 13 W				
Power Consumption and Current	PoE: (802.3at, 42.5 V to 57 V), 0.36 A to 0.27 A, max. 15 W				
Power Interface	Ø5.5 mm coaxial power plug				
Material	Aluminum alloy body				
Dimension	308.5 × 97.9 × 93 mm (12.2" × 3.9" × 3.7")				
Package Dimension	385 × 190 × 180 mm (15.2" × 7.5" × 7.1")				
Weight	Approx. 1390 g (3.1 lb.)				
With Package Weight	Approx. 1961 g (4.3 lb.)				
Approval					
	FCC (47 CFR Part 15, Subpart B); CE-EMC (EN 55032: 2015, EN 61000-3-2: 2014, EN				
EMC	61000-3-3: 2013, EN 50130-4: 2011 +A1: 2014); RCM (AS/NZS CISPR 32: 2015); IC				
	(ICES-003: Issue 6, 2016); KC (KN 32: 2015, KN 35: 2015)				
Cafaty	UL (UL 60950-1); CB (IEC 60950-1:2005 + Am 1:2009 + Am 2:2013); CE-LVD (EN 60950-				
Safety	1:2005 + Am 1:2009 + Am 2:2013); BIS (IS 13252(Part 1):2010+A1:2013+A2:2015)				
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)				

Available Model

DS-2CD2643G2-IZS (2.8 to 12 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.

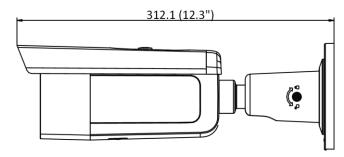
This model has NO SPECIFIC PROTECTION.

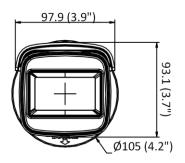
Level	Description		
Top-level protection	Hikvision products at this level are equipped for use in areas where professional anti-corrosion protection is a must. Typical application scenarios include coastlines, docks, chemical plants, and more.		
Moderate protection	Hikvision products at this level are 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-1260ZJ Junction Box	DS-1275ZJ-SUS Vertical Pole Mount	DS-1280ZJ-S Junction Box	DS-1275ZJ-S-SUS Vertical Pole Mount	DS-1276ZJ-SUS Corner Mount



Distributed by

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