DS-2CD3643G2-IZSK
4MP Varifocal Bullet Network Camera

Hikvision has been dedicated to develop products with security since established. Hikvision always follows security by design principle and has adopted many methods of security technologies into our product development lifecycle, including terminal security, data security, application security, network security, and privacy protection. In the meantime, the security technologies used by Hikvision are all in compliance with local applicable laws and safety regulations. These security measures could enhance product's cyber security protection capability and protect your devices as well as your data from malicious cyber attacks.

- High quality imaging with 4 MP resolution

- Efficient H.265+ compression technology to save bandwidth and storage

- Clear imaging against strong back light due to WDR technology

- 3D DNR technology delivers clean and sharp images

- Easy installation with Power over Ethernet (PoE) technology

- Water and dust resistant (IP67) and vandal resistant (IK10)

Specification

Model		DS-2CD3643G2-IZSK
Camera	Image Sensor	1/2.9" Progressive Scan CMOS
	Max. Resolution	2560 × 1440
	Min. Illumination	Color: 0.005 Lux @ (F1.6, AGC ON),0 Lux with light
	Shutter Time	1/3 s to 1/100,000 s
	Day & Night	IR cut filter
	Angle Adjustment	Pan: 0° to 360°,tilt: 0° to 90°,rotate: 0° to 360°
Lens	Lens Type	Varifocal lens, motorized lens, 2.7 to 13.5 mm
	Focal Length & FOV	2.7 to 13.5 mm, horizontal FOV 96.7° to 29.7°, vertical FOV 51.7° to 16.7°, diagonal FOV 114.3° to 34.0°
	Lens Mount	Integrated
	Iris Type	Auto-iris
	Aperture	Max. F1.6
	Depth of Field	Wide: 1 m to ∞ Tele: 4.1 m to ∞
DORI	DORI	Wide: D: 64 m, O: 25.4 m, R: 12.8 m, I: 6.4 m Tele: D: 198 m, O: 78.6 m, R: 39.6 m, I: 19.8 m
Illuminator	Supplement Light Type	IR
	Supplement Light Range	Up to 60 m
	Smart Supplement Light	Yes
	IR Wavelength	850 nm
HEOP	Computing Power	1.5 TOPS
	Open Capability	HEOP 2.0 OpendevSDK
	Deep Learning Structure	Caffe, PyTorch, TensorFlow, PaddlePaddle, ONNX
	Programming Language	C, C++
Video	Main Stream	50 Hz: 20 fps (2560 × 1440), 25 fps (1920 × 1080, 1280 × 720) 60 Hz: 20 fps (2560 × 1440), 30 fps (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: 1 fps (640 × 360) 60 Hz: 1 fps (640 × 360)
	Video Compression	Main stream: H.265+/H.265/H.264+/H.264, 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
	Bit Rate Control	CBR,VBR
	Region of Interest (ROI)	1 fixed region for main stream and sub-stream
Audio	Audio Type	Mono sound
	Environment Noise Filtering	Yes
	Audio Sampling Rate	8 kHz/16 kHz
	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)
Network	Security	Password protection, complicated password, HTTPS encryption, 802.1X authentication (EAP-MD5), watermark, basic and digest authentication for HTTP/HTTPS, WSSE and digest authentication for Open Network Video Interface, RTP/RTSP over HTTPS, security audit log, TLS 1.2, TLS 1.3, host authentication (MAC address)
	Simultaneous Live View	Up to 6 channels
	API	Open Network Video Interface (Profile S, Profile T, Profile G),ISAPI,SDK
	Protocols	TCP/IP, ICMP, DHCP, DNS, HTTP, RTP, RTSP, RTCP, NTP, IGMP, IPv4, IPv6, UDP, QoS, FTP, SMTP, HTTPS, DDNS, UPnP, 802.1X
	User/Host	Up to 32 users 3 user levels: administrator, operator, and user
	Client	iVMS-4200,Hik-Connect
	Web Browser	Plug-in required live view: IE 10, IE 11, Local service: Chrome 57.0+, Firefox 52.0+, Edge 89+
Image	Wide Dynamic Range (WDR)	120 dB
	SNR	≥ 52 dB
	Day/Night Switch	Day,Night,Auto,Schedule
	Image Enhancement	BLC,HLC,3D DNR
	Image Settings	Rotate mode,saturation,brightness,contrast,sharpness,gain,white balance,adjustable by client software or web browser
	Privacy Mask	4 programmable polygon privacy masks

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), two-core terminal block, max. input amplitude: 3.3 Vpp, input impedance: 4.7 KΩ, interface type: non-equilibrium, 1 output (line out), two-core terminal block, max. output amplitude: 3.3 Vpp, output impedance: 100 Ω, interface type: non-equilibrium
	Alarm	1 input, 1 output (max. 12 VDC, 30 mA)
	Reset Key	Yes
Event	Basic Event	Motion detection (support alarm triggering by specified target types (human and vehicle)),video tampering alarm,exception
	Smart Event	Scene change detection, audio exception detection, defocus detection, loitering detection, people gathering detection, fast moving detection, parking detection, unattended baggage detection, object removal detection，unattended baggage detection, object removal detection
	Linkage	Upload to FTP/NAS/memory card, notify surveillance center, trigger recording, trigger capture, send email, audible warning
Deep Learning Function	Face Capture	Yes
	People Counting	Yes
	Heat Map	Yes
	AcuSeek	Yes
	SmartSearch	Yes
	Perimeter Protection	Support alarm triggering by specified target types (human and vehicle)
	Metadata	Support detect, track, capture vehicle, non-motor vehicle and people, and select the best images, and extract attributes
	Queue Management	Supports up to 8 detection regions, and independent arming schedule and linkage method Supports 2 detection modes: regional people queuing-up, waiting time detection Generates reports to compare the efficiency of different queuing-ups and display the changing status of one queue Supports raw data export for further analysis Supports real-time data uploading and scheduled data uploading Regional people queuing-up: supports 4 alarm trigger conditions, including greater than threshold, less than threshold, equal to threshold, not equal to threshold Waiting time detection: supports 1 alarm trigger condition, including greater than threshold
	Regional People Counting	Supports up to 8 detection regions, and independent arming schedule and linkage method Supports 3 detection modes: people density detection, number of people exception detection, waiting time exception detection Supports parameter settings: alarm times per exception, alarm interval, first alarm delay Supports searching real-time number of people People density detection: supports scheduled uploading, number of people change uploading, congestion level uploading Number of people exception detection: supports 6 alarm trigger conditions, including greater than threshold A, less than threshold A, equal to threshold A, not equal to threshold A, greater than threshold A and less than threshold B, less than threshold A or greater than threshold B (threshold A should be less than threshold B) Waiting time exception detection: supports 3 alarm trigger conditions, including greater than threshold A, less than threshold A, greater than threshold A and less than threshold B (threshold A should

		be less than threshold B)
	On/Off Duty Detection	Supports up to 8 detection regions, and independent arming schedule and linkage method Supports 2 detection modes: absence detection, on/off duty detection Supports parameter settings: person on duty, absence duration
General	Power	12 VDC ± 25%, 0.86 A, max. 12.9 W,Ø5.5 mm coaxial power plug,reverse polarity protection, PoE: IEEE 802.3af, Class 3
	Material	Metal
	Dimension	Ø105 mm × 252 mm (Ø4.1" × 9.9")
	Package Dimension	280 mm × 135 mm × 135 mm (11.0" × 5.3" × 5.3")
	Weight	Approx. 962 g (2.21 lb.)
	With Package Weight	Approx. 1493 g (3.29 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	English, Turkish, Polish, Romanian, Czech, Slovak, Traditional Chinese, Thai, Vietnamese, Croatian, Slovenian, Serbian, Ukrainian
	General Function	Heartbeat,mirror,password reset via email,pixel counter,password protection,anti-banding
Approval	EMC	CE-EMC: EN 55032: 2015, EN 61000-3-2:2019, EN 61000-3-3: 2013+A1:2019, EN 50130-4: 2011 +A1: 2014
	Safety	CB: IEC 62368-1: 2014+A11, CE-LVD: EN 62368-1: 2014/A11: 2017, BIS: IS 13252 (Part 1): 2010/IEC 60950-1: 2005
	Environment	CE-RoHS: 2011/65/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-2CD3643G2-IZSK(2.7-13.5mm)(QAT ISS)

▪ Dimension

252(9.9") 88.1(3.5") 62.6(2.5") 83.4(3.3") Ø4.2(0.2") 62.6(25") Ø105(4.1")

Unit: mm(inch)
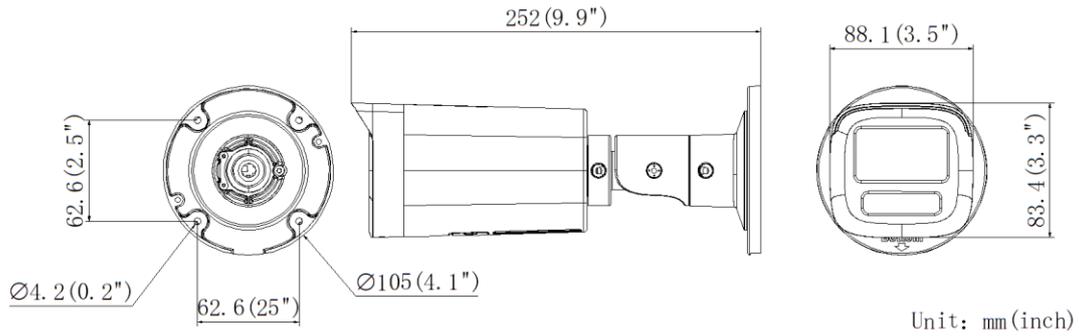
▪ Accessory

▪ Optional

DS-1276ZJ-SUS Corner mount	DS-1275ZJ-SUS Vertical pole mount	DS-1275ZJ-S-SUS Vertical pole mount	DS-1260ZJ Junction box

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