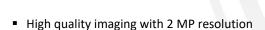


## DS-2CD1623G2-IZ(S)

## **2MP Motion 2.0 Varifocal Bullet Network Camera**





- Support Human and Vehicle Detection
- 2.8 to 12 mm motorized varifocal lens for easy installation and monitoring
- Up to 256 GB SD card slot for storage
- Water and dust resistant (IP67)
- EXIR 2.0: advanced infrared technology with long IR range
- Efficient H.265+ compression technology
- Clear imaging even with strong back lighting due to DWDR technology





# Specification

Camera					
Image Sensor	1/2.9" Progressive Scan CMOS				
Max. Resolution	1920 × 1080				
Min. Illumination	Color: 0.005 Lux @ (F1.6, 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: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°				
Lens					
Lens Type	Varifocal lens, motorized lens, 2.8 to 12 mm				
Focal Length & FOV	2.8 to 12 mm, horizontal FOV 102.4° to 31.2°, vertical FOV 54.4° to 17.5°, diagonal FOV 121.8° to 35.7°				
Lens Mount	Ø14				
Iris Type	Fixed				
Aperture	F1.6				
Illuminator					
Supplement Light Type	IR				
Supplement Light Range	Up to 50 m				
Smart Supplement Light	Yes				
IR Wavelength	850 nm				
Video					
Main Stream	50 Hz: 25 fps (1920 × 1080, 1280 × 720) 60 Hz: 30 fps (1920 × 1080, 1280 × 720)				
Sub-Stream	50 Hz: 25 fps (640 × 480, 640 × 360) 60 Hz: 30 fps (640 × 480, 640 × 360)				
Video Compression	Main stream: H.265+/H.264/H.264, Sub-stream: H.265/H.264/MJPEG				
Video Bit Rate	32 Kbps to 8 Mbps				
H.264 Type	Baseline Profile, Main Profile, High Profile				
H.265 Type	Main Profile				
Region of Interest (ROI)	1 fixed region(s) for main stream				
Audio					
Audio Compression	-S: G.711ulaw/G.711alaw/G.722.1/G.726/MP2L2/PCM/AAC-LC				
Audio Bit Rate	-S: 64 Kbps (G.711)/16 Kbps (G.722.1)/16 Kbps (G.726)/32 to 160 Kbps (MP2L2)/16 to 64 Kbps (AAC-LC)				
Audio Sampling Rate	-S: 8 kHz/16 kHz				
Environment Noise Filtering	-S: Yes				
Network					
Protocols	TCP/IP, ICMP, DHCP, DNS, HTTP, RTP, RTSP, NTP, IGMP, IPv6, UDP, QoS, FTP, SMTP				
Simultaneous Live View	Up to 6 channels				
API	Open Network Video Interface (Profile S, Profile G, Profile T), ISAPI, SDK				
Security	Password protection, complicated password, watermark, basic and digest authentication for HTTP, WSSE and digest authentication for Open Network Video Interface, security audit log, host authentication (MAC address)				
User/Host	Up to 32 users  3 user levels: administrator, operator, and user				



Client	iVMS-4200			
	Plug-in required live view: IE 10, IE 11,			
Web Browser	Local service: Chrome 57.0+, Firefox 52.0+			
Image				
-	Rotate mode, saturation, brightness, contrast, sharpness, gain, white balance,			
Image Settings	adjustable by client software or web browser			
Day/Night Switch	Auto, Schedule, Day, Night			
Wide Dynamic Range (WDR)	Digital WDR			
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/microSDHC/microSDXC card, up to 256 GB			
	-S: 1 input(s) (line in), two-core terminal block, max. input amplitude: 3.3 Vpp, input			
	impedance: 4.7 KΩ, interface type: non-equilibrium,			
Audio	-S: 1 output(s) (line out), two-core terminal block, max. output amplitude: 3.3 Vpp,			
	output impedance: 100 $\Omega$ , interface type: non-equilibrium			
Alarm	-S: 1 input, 1 output (max. 12 VDC, 30mA)			
Reset Key	Yes			
Event				
	Motion detection (support alarm triggering by specified target types (human and			
Basic Event	vehicle)), video tampering alarm, exception			
_	Upload to FTP/memory card, notify surveillance center, send email, trigger recording,			
Linkage	trigger capture, trigger alarm output (-S)			
General				
Power	12 VDC ± 25%, 0.9 A, max. 11 W, Ø5.5 mm coaxial power plug,			
Power	PoE: 802.3af, Class 3, 36 V to 57 V, 0.36 A to 0.23 A, max. 12.9 W			
	Metal			
Material	Ø105 mm × 244.4 mm (Ø4.1" × 9.6")			
Material Dimension	Ø105 mm × 244.4 mm (Ø4.1" × 9.6")			
	Ø105 mm × 244.4 mm (Ø4.1" × 9.6") 315 mm × 137 mm × 141 mm (12.4" × 5.4" × 5.6")			
Dimension	* * * * * * * * * * * * * * * * * * * *			
Dimension Package Dimension	315 mm × 137 mm × 141 mm (12.4" × 5.4" × 5.6")			
Dimension Package Dimension Weight	315 mm × 137 mm × 141 mm (12.4" × 5.4" × 5.6") Approx. 720 g (1.6 lb.)			
Dimension Package Dimension Weight With Package Weight	315 mm × 137 mm × 141 mm (12.4" × 5.4" × 5.6")  Approx. 720 g (1.6 lb.)  Approx. 1110 g (2.4 lb.)  -30 °C to 60 °C (-22 °F to 140 °F). Humidity 95% or less (non-condensing)			
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	CE-RoHS: 2011/65/EU,	
Environment	WEEE: 2012/19/EU,	
	Reach: Regulation (EC) No 1907/2006	
Protection	IP67: IEC 60529-2013	

## 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.

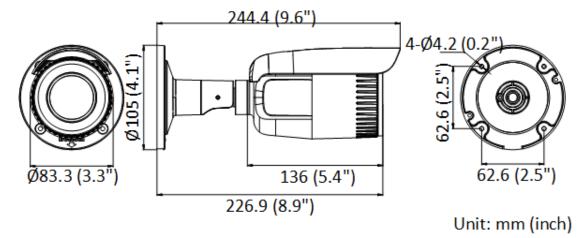
Level	Description		
Top-level protection	Hikvision products at this level are equipped for use in areas where professional anti- corrosion protection is a must. Typical application scenarios include coastlines, docks, chemical plants, and more.		
Moderate protection	Hikvision products at this level are 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-2CD1623G2-IZS (2.8 to 12 mm) DS-2CD1623G2-IZ (2.8 to 12 mm)



### Dimension



## Accessory

### Optional

DS-1276ZJ-SUS	DS-1275ZJ-SUS	DS-1280ZJ-S	DS-1275ZJ-S-SUS	DS-1260ZJ
Corner Mount	Vertical Pole Mount	Junction Box	Vertical Pole Mount	Junction Box
			(England) (England) (England)	

#### Headquarters

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