DS-2CD1623G1-I(Z)(S)
2 MP Varifocal Bullet Network Camera

- High quality imaging with 2 MP resolution

- Efficient H.265+ compression technology

- Clear imaging even with strong back lighting thanks to Digital WDR technology

- Up to 128 GB SD card slot for storage

- EXIR 2.0: advanced infrared technology with long IR rangeWater- and dust- resistant (IP67)

- (Z): 2.8 to 12 mm motorized vari-focal lens for easy installation and monitoring

- dust and dust resistant (IP67)

- (S): Supports alarm out for extra alarm device for your safety.

▪ Specification

Camera	
Image Sensor	1/2.8" Progressive scan CMOS
Min. Illumination	Color: 0.01 Lux @ (F1.2, AGC ON), 0.025 Lux @ (F1.9, AGC ON)
Shutter Speed	1/3 s to 1/100, 000 s
Slow Shutter	Yes
Day &Night	IR cut filter
Wide Dynamic Range	Digital WDR
Angle Adjustment	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°
DNR	3D DNR
Lens	
Lens	2.8 to 8 mm
Auto-Iris	No
Aperture	F1.9
Focus	Without -Z model: Manual, -Z model: Auto
FOV	Horizontal field of view: 111° to 54.7°, Vertical field of view: 57.8° to 30.5°, Diagonal field of view: 134° to 63°
Lens Mount	Φ14
Illuminator	
IR Range	Up to 20 m
Wavelength	850 nm
Video	
Max. Resolution	1920 × 1080
Main Stream	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720),60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)
Sub Stream	50Hz: 25fps (640 × 480, 640 × 360, 320 × 240),60Hz: 30fps (640 × 480, 640 × 360, 320 × 240)
Video Compression	Main stream: H.265/H.264,Sub-stream: H.265/H.264/MJPEG
H.264 Type	Baseline Profile/Main Profile/High Profile
H.265 Type	Main Profile
Video Bit Rate	32 Kbps to 8 Mbps
Audio	
Audio Compression	G.711/G.722.1/G.726/MP2L2/PCM
Audio Bit Rate	64 Kbps (G.711)/16 Kbps (G.722.1)/16 Kbps (G.726)/32 to 192 Kbps (MP2L2)
Environment Noise Filtering	Yes
Audio Sampling Rate	8 kHz/16 kHz/32 kHz/44.1 kHz/48 kHz
Smart Feature-Set	
Region of Interest	1 fixed region for main stream
Image	
Image Enhancement	BLC, 3D DNR
Image Setting	Rotate mode, saturation, brightness, contrast, sharpness, AGC, white balance adjustable by client software or web browser
Day/Night Switch	Day/Night/Auto/Schedule/Triggered by Alarm In (-S)
Network	
Network Storage	Support Micro SD/SDHC/SDXC card (128G), local storage and ANR

Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, NTP, UPnP, SMTP, IGMP, 802.1X, QoS, IPv6, UDP, Bonjour
API	ONVIF (PROFILE S, PROFILE G), ISAPI
Simultaneous Live View	Up to 6 channels
User/Host	Up to 32 users, 3 levels: Administrator, Operator and User
Client	iVMS-4200, iVMS-4500, iVMS-5200, Hik-Connect
Web Browser	IE8+, Chrome 31.0-44, Firefox 30.0-51, Safari 8.0+
Alarm Trigger	Motion detection, video tampering detection, network disconnected, IP address conflict, illegal login, HDD full, HDD error
Interface	
Communication Interface	1 RJ45 10M/100M self-adaptive Ethernet port
Audio	-S model: Built-in mic, 1 input (line in), 1 output (line out), Without -S model: Built-in mic
Alarm	1 alarm input, 1 alarm output
Video Output	1Vp-p composite output (75 Ω/BNC)
On-board storage	Built-in micro SD/SDHC/SDXC slot, up to 128 GB
Compression Standard	
H.264+	Main stream supports
H.265+	Main stream supports
General	
Firmware Version	5.5.82
General Function	One-key reset, anti-flicker, heartbeat, mirror, password protection, privacy mask, watermark
Reset	Yes
Startup and Operating Conditions	-30 °C to 60 °C (-22 °F to 140 °F), humidity: 95% or less (non-condensing)
Power Supply	12 VDC ± 25%, 5.5 mm coaxial power plug, PoE (802.3af, class 3)
Power Consumption and Current	-Z model: 12 VDC, 0.9 A, max. 11 W; PoE: (802.3af, 36 V to 57 V), 0.4 A to 0.2 A, max. 12.9 W, Without -Z model: 12 VDC, 0.6 A, max. 7 W; PoE:(802.3af, 36 V to 57 V), 0.3 A to 0.1 A, max. 9 W
Material	Front & Back cover: metal
Dimensions	Camera: Φ 105 mm × 244.4 mm (4.1" × 9.6"), With package: 315 mm × 137 mm × 141 mm (12.4" × 5.4" × 5.6")
Weight	Camera: Approx. 700 g (1.5 lb.), With package: Approx. 1100 g (2.4 lb.)
Interface Protection	IP67

▪ Available Model

DS-2CD1623G1-IZS(2.8-8mm)
DS-2CD1623G1-I(2.8-8mm)
DS-2CD1623G1-IS(2.8-8mm)
DS-2CD1623G1-IZ(2.8-8mm)
DS-2CD1623G1-IZ(2.8-8mm)/India-L
DS-2CD1623G1-IZS(2.8-8mm)/India-L

▪ Accessory

▪ Optional

DS-1260ZJ-AC#SA	DS-1260ZJ	DS-1276ZJ-SUS	DS-1275ZJ-S-SUS	DS-1275ZJ-SUS

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