HIKVISION®

DS-2CD2123G0-I(S)
2 MP IR Fixed Dome Network Camera

Key Features

- 1/2.8" Progressive Scan CMOS
- 1920 × 1080@30fps
- 2.8/4/6/8 mm fixed lens
- Color: 0.01 Lux @ (F1.2, AGC ON),
  0.028 Lux @ (F2.0, AGC ON), 0 Lux with IR
- H.265+, H.265, H.264+, H.264
- Three streams
- 120dB WDR
- 2 Behavior analyses, and face detection

- BLC/3D DNR/ROI/HLC
- IP67, IK10
- Built-in micro SD/SDHC/SDXC card slot, up to 128 GB
- 3-Axis adjustment

Specifications

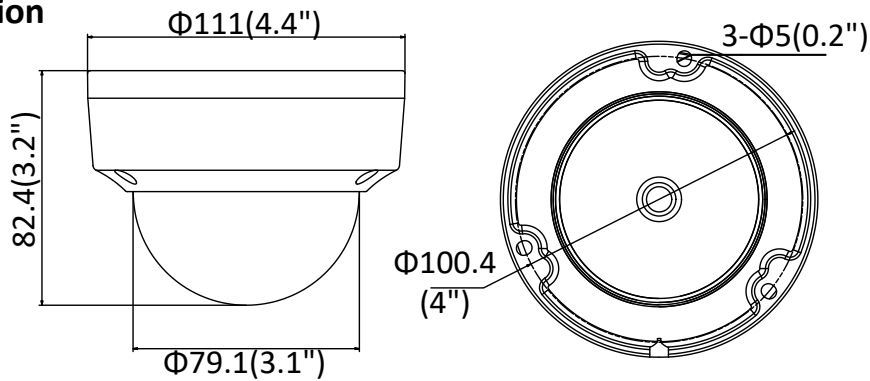| Camera	
Image Sensor	1/2.8" Progressive Scan CMOS
Min. Illumination	Color: 0.01 Lux @ (F1.2, AGC ON), 0.028 Lux @ (F2.0, AGC ON), 0 Lux with IR
Shutter Speed	1/3 s to 1/100,000 s
Slow Shutter	Yes
Day & Night	IR Cut Filter
Digital Noise Reduction	3D DNR
WDR	120dB
3-Axis Adjustment	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°
Lens	
Focal length	2.8/4/6/8 mm
Aperture	F2.0
Focus	Fixed
FOV	2.8 mm, horizontal FOV: 114°, vertical FOV: 62°, diagonal FOV: 135° 4 mm, horizontal FOV: 86°, vertical FOV: 46°, diagonal FOV: 102° 6 mm, horizontal FOV: 54°, vertical FOV: 30°, diagonal FOV: 62° 8 mm, horizontal FOV: 43°, vertical FOV: 23°, diagonal FOV: 50°
Lens Mount	M12
IR	
IR Range	Up to 30 m
Wavelength	850nm
Compression Standard	
Video Compression	Main stream: H.265/H.264 Sub-stream: H.265/H.264/MJPEG Third stream: H.265/H.264
H.264 Type	Main Profile/High Profile
H.264+	Main stream supports
H.265 Type	Main Profile
H.265+	Main stream supports
Video Bit Rate	32 Kbps to 16 Mbps
Audio Compression (-S)	G722.1/G.711/G726/MP2L2/PCM/MP3
Audio Bit Rate (-S)	64Kbps(G.711)/16Kbps(G.722.1)/16Kbps(G.726)/32-192Kbps(MP2L2)/8Kbps-320Kbps(MP3)
Smart Feature-set	
Smart Event	Line crossing detection, intrusion detection, face detection
Basic Event	Motion detection, video tampering alarm, exception (network disconnected, IP address conflict, illegal login, HDD full, HDD error)
Linkage Method	Trigger recording: memory card, network storage, pre-record and post-record Trigger captured pictures uploading: FTP, HTTP, NAS, Email Trigger notification: HTTP, ISAPI, alarm output (-S), Email
Region of Interest	1 fixed region for main stream and sub-stream
Image	
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)
Third Stream	50Hz: 25fps (1920 × 1080, 1280 × 720, 640 × 360, 352 × 288)
	60Hz: 30fps (1920 × 1080, 1280 × 720, 640 × 360, 352 × 240)
Image Enhancement	BLC/3D DNR/HLC
Image Setting	Rotate mode, saturation, brightness, contrast, sharpness, AGC, and white balance adjustable by client software or web browser
Target Cropping	No
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 NAS (NFS,SMB/CIFS), ANR
Protocols	TCP/IP, UDP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, UDP, Bonjour, SSL/TLS, WebSocket, WebSockets
General Function	Anti-flicker, three streams, heartbeat, mirror, privacy masks, password reset via e-mail, pixel counter, HTTP listening
API	ONVIF (PROFILE S, PROFILE G, PROFILE T), ISAPI, SDK
Security	Password protection, complicated password, HTTPS encryption, 802.1X authentication (EAP-TLS 1.2, EAP-LEAP, EAP-MD5), watermark, IP address filter, basic and digest authentication for HTTP/HTTPS, WSSE and digest authentication for ONVIF, TLS1.2
Simultaneous Live View	Up to 6 channels
User/Host	Up to 32 users 3 levels: Administrator, Operator and User
Client	iVMS-4200, Hik-Connect, Hik-Central
Web Browser	Plug-in required live view: IE8+ Plug-in free live view: Chrome 57.0+, Firefox 52.0+, Safari 11+ Local Service: Chrome 41.0+, Firefox 30.0+

Interface	
Audio (-S)	1 input (line in/mic in), 1 output (line out), terminal block, mono sound
Communication Interface	1 RJ45 10M/100M self-adaptive Ethernet port
Alarm (-S)	1 input, 1 output (max. 12 VDC, 30 mA), terminal block
Video Output	No
On-board storage	Built-in Micro SD/SDHC/SDXC slot, up to 128 GB
SVC	H.264 and H.265 encoding
Reset Button	Yes

Audio (-S)	
Environment Noise Filtering	Yes
Audio Sampling Rate	8kHz/16 kHz/32 kHz/44.1 kHz/48 kHz

General	
Operating Conditions	-30 °C to +60 °C (-22 °F to +140 °F), Humidity 95% or less (non-condensing)
Web Client Language	32 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)
Power Supply	12 VDC ± 25%, Φ 5.5 mm coaxial power plug PoE (802.3af, class 3)
Power Consumption and Current	12 VDC, 0.5 A, max. 6 W PoE (802.3af, 36 V to 57 V), 0.2 A to 0.1 A, max. 7.5 W
Protection Level	IP67, IK10

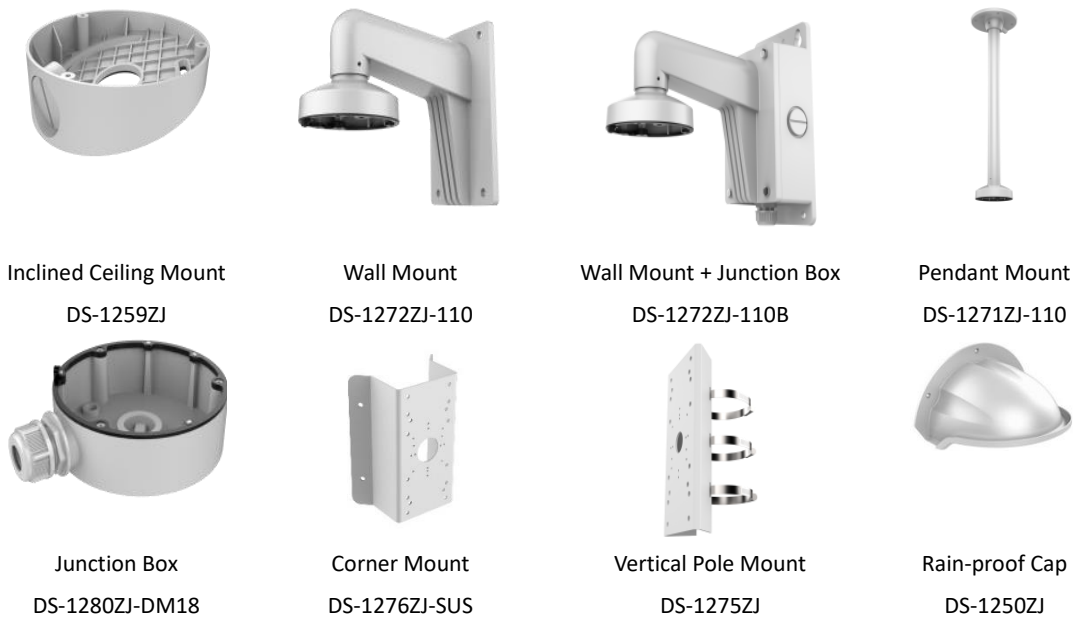| Material	Camera body: metal, bubble: plastic
Dimensions	Camera: Φ 111 × 82.4 mm (Φ 4.4" × 3.2") Package: 134 × 134 × 108 mm (5.3" × 5.3" × 4.3")
Weight	Camera: Approx. 610 g (1.3 lb.) With Package: Approx. 820 g (1.8 lb.)

Available Model:

DS-2CD2123G0-I (2.8/4/6/8 mm), DS-2CD2123G0-IS (2.8/4/6/8 mm)

Dimension

Φ111(4.4")
82.4(3.2")
Φ79.1(3.1")
3-Φ5(0.2")
Φ100.4 (4")

Unit: mm (inch)

Accessory

Inclined Ceiling Mount
DS-1259ZJ

Wall Mount
DS-1272ZJ-110

Wall Mount + Junction Box
DS-1272ZJ-110B

Pendant Mount
DS-1271ZJ-110

Junction Box
DS-1280ZJ-DM18

Corner Mount
DS-1276ZJ-SUS

Vertical Pole Mount
DS-1275ZJ

Rain-proof Cap
DS-1250ZJ

Wall Mount
DS-1258ZJ

Inclined Ceiling Mount
DS-1259ZJ(Black)

Pendant Mount
DS-1271ZJ-110(Black)

Wall Mount
DS-1272ZJ-110(Black)

Corner Mount
DS-1276ZJ-SUS(Black)

Junction Box
DS-1280ZJ-DM18(Black)

Wall Mount
DS-1258ZJ(Black)

Vertical Pole Mount
DS-1275ZJ-SUS(Black)

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