DS-2CD2343G0-I(U)
4 MP IR Fixed Turret Network Camera

- 1/3" Progressive Scan CMOS
- 2688 × 1520@30fps
- 2.8/4/6 mm fixed lens
- Color: 0.018 Lux @ (F1.6, AGC ON), 0 Lux with IR
- H.265, H.265+, H.264, H.264+
- Three streams
- 120dB WDR
- BLC/3D DNR/ROI/HLC
- IR range: Up to 30 m
- Built-in micro SD/SDHC/SDXC card slot, up to 128 GB
- 3-Axis adjustment
- Built-in microphone (optional)

Specifications

Camera	
Image Sensor	1/3" Progressive Scan CMOS
Min. Illumination	Color: 0.018 Lux @ (F1.6, AGC ON), 0 Lux with IR
Shutter Speed	1/3 s to 1/100,000 s
Slow Shutter	Yes
Day & Night	IR Cut Filter
WDR	120 dB
Angle Adjustment	Pan: 0° to 360°, tilt: 0° to 75°, rotate: 0° to 360°
Lens	
Lens Type	Fixed lens, 2.8/4/6 mm
Aperture	F1.6
FOV	2.8 mm: Horizontal FOV: 103°, vertical FOV: 58°, diagonal FOV: 123° 4 mm: Horizontal FOV: 83°, vertical FOV: 45°, diagonal FOV: 99° 6 mm: Horizontal FOV: 51°, vertical FOV: 29°, diagonal FOV: 58°
Lens Mount	M12
Illuminator	
IR Range	Up to 30 m
Wavelength	850 nm
Video	
Max. Resolution	2688 × 1520
Main Stream	50Hz: 25fps (2688 × 1520, 2560 × 1440, 2304 × 1296, 1920 × 1080, 1280 × 720) 60Hz: 30fps (2688 × 1520, 2560 × 1440, 2304 × 1296, 1920 × 1080, 1280 × 720)
Sub Stream	50Hz: 25fps (640 × 480, 640 × 360, 320 × 240) 60Hz: 30fps (640 × 480, 640 × 360, 320 × 240)
Third Stream	50Hz: 25fps (1280 × 720, 640 × 360, 352 × 288) 60Hz: 30fps (1280 × 720, 640 × 360, 352 × 240)
Video Compression	Main stream/third stream: H.265/H.264 Sub-stream: H.265/H.264/MJPEG
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
Scalable Video Coding (SVC)	H.264 and H.265 encoding
Audio(-U)	
Audio Compression	G.711/G.722.1/G.726/MP2L2/PCM/MP3
Audio Bit Rate	64Kbps(G.711)/16Kbps(G.722.1)/16Kbps(G.726)/32-192Kbps(MP2L2)/8Kbps-320Kbps(MP3)
Environment Noise Filtering	Yes

Audio Sampling Rate	8 kHz/16 kHz/32 kHz/44.1 kHz/48 kHz
Smart Feature-Set	
Smart Event	Line crossing detection, intrusion detection and 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, Email
Region of Interest	1 fixed region for main stream and sub-stream
Image	
Image Enhancement	BLC, HLC, 3D DNR
Image Setting	Rotate mode, saturation, brightness, contrast, sharpness, AGC and white balance adjustable by client software or web browser
Day/Night Switch	Day/Night/Auto/Schedule
Network	
Network Storage	microSD/SDHC/SDXC card (128 GB), local storage and NAS (NFS,SMB/CIFS), ANR Together with high-end Hikvision memory card, memory card encryption and health detection are supported.
Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP™, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, UDP, Bonjour, SSL/TLS
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	
Communication Interface	1 RJ45 100M self-adaptive Ethernet port
Audio (-U)	1 audio input (built-in microphone), mono sound
Video Output	No
Interface Style	Pigtail style interface
On-board storage	Built-in micro SD/SDHC/SDXC slot, up to 128 GB
General	
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)

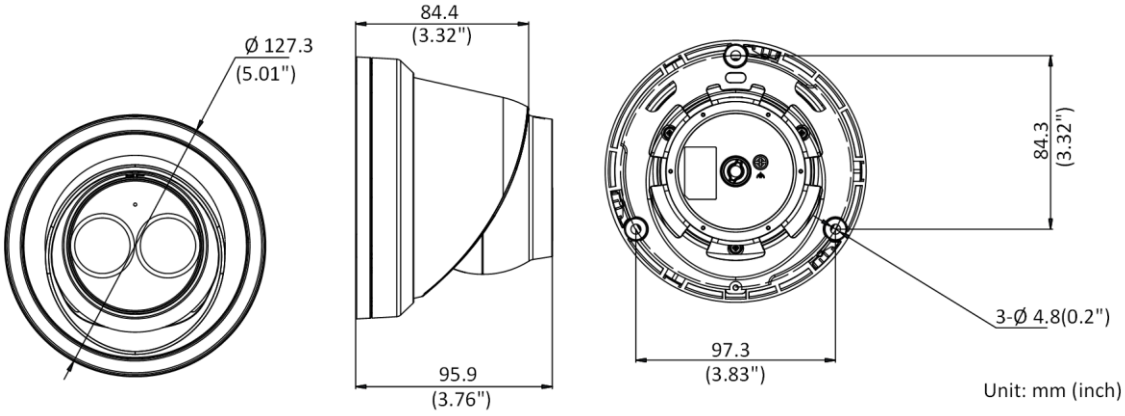
General Function	Anti-flicker, three streams, heartbeat, mirror, privacy masks, password reset via e-mail, pixel counter, HTTP listening
Reset	Reset via reset button on camera body, web browser and client software
Startup and Operating Conditions	-30 °C to 60 °C (-22 °F to 140 °F), humidity 95% or less (non-condensing)
Storage Conditions	-30 °C to 60 °C (-22 °F to 140 °F), humidity 95% or less (non-condensing)
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), 0.3 A to 0.2 A, max. 7.5 W
Material	Metal
Dimensions	Camera: Φ 127.3 × 95.9 mm (5" × 3. 8") With package: 150 × 150 × 141 mm (5.9" × 5.9" × 5.6")
Weight	Camera: Approx. 635 g (1.4 lb.) With package: Approx. 890 g (1.96 lb.)
Approval	
EMC	47 CFR Part 15, Subpart B; EN 55032: 2015, EN 61000-3-2: 2014, EN 61000-3-3: 2013, EN 50130-4: 2011 +A1: 2014; AS/NZS CISPR 32: 2015; ICES-003: Issue 6, 2016; KN 32: 2015, KN 35: 2015
Safety	UL 60950-1, IEC 60950-1:2005 + Am 1:2009 + Am 2:2013, EN 60950-1:2005 + Am 1:2009 + Am 2:2013, IS 13252(Part 1):2010+A1:2013+A2:2015
Chemistry	2011/65/EU, 2012/19/EU, Regulation (EC) No 1907/2006
Protection	Without -U: Ingress protection: IP67 (IEC 60529-2013) With -U: Ingress protection: IP66 (IEC 60529-2013)

** Listed resolutions are only selectable options. It does not mean that all streams can work at their maximum resolution at the same time.*

Available Model

DS-2CD2343G0-I (2.8/4/6 mm), DS-2CD2343G0-IU (2.8/4/6 mm)

Dimensions



Accessory

DS-1273ZJ-130-TRL
Wall Mount

DS-1273ZJ-130B-TRL
Wall Mount

DS-1276ZJ-SUS
Corner Mount

DS-1275ZJ-SUS
Vertical Pole Mount

DS-1280ZJ-DM8
Junction Box

DS-1281ZJ-M
Inclined Ceiling Mount

DS-1271ZJ-130-TRL
Pendant Mount

DS-1273ZJ-130-TRL(Black)
Wall Mount

DS-1276ZJ-SUS(Black)
Corner Mount

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

DS-1280ZJ-DM8(Black)
Junction Box

DS-1281ZJ-M(Black)
Inclined Ceiling Mount

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