

DS-2CD3643G1-IZ(S) 4 MP IR Varifocal Bullet Network Camera



Key Features

- 1/3" Progressive Scan CMOS
- 2688 × 1520 @30fps
- 2.7 to 13.5 mm varifocal lens
- Color: 0.01 Lux @ (F1.2, AGC ON), 0.018 Lux @ (F1.6, AGC ON), 0 Lux with IR
- H.265+, H.265, H.264+, H.264
- Three streams
- 120dB WDR
- Junction box included in the package
- BLC/3D DNR/ROI/HLC
- IP67
- Built-in micro SD/SDHC/SDXC card slot, up to 128 GB
- 3-Axis adjustment
- Metadata of intrusion detection, line crossing detection, unattended baggage detection, and object removal are supported.



Specifications

| Camera | |
|-----------------------------|---|
| Image Sensor | 1/3" Progressive Scan CMOS |
| Min. Illumination | Color: 0.01 Lux @ (F1.2, AGC ON), 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 |
| Digital Noise Reduction | 3D DNR |
| WDR | 120dB |
| 3-Axis Adjustment | Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360° |
| Lens | |
| Focal length | 2.7 to 13.5 mm |
| Aperture | F1.6 |
| Focus | Auto |
| Auto-Iris | DC drive |
| FOV | Horizontal FOV: 106° to 27°, vertical FOV: 56° to 16°, diagonal FOV: 128° to 31° |
| Lens Mount | Φ14 |
| IR | |
| IR Range | Up to 60 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/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 |
| Smart Feature-set | |
| Smart Event | Line crossing detection, 1 line configurable Intrusion detection, up to 1 region configurable Unattended baggage detection, 1 region configurable Object removal detection, 1 region configurable Face detection: detects faces Scene change 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 | Support 5 fixed regions for main stream and sub-stream |
| Image | |
| Max. Resolution | 2688 × 1520 |
| Main Stream | 50Hz:25fps (2688 × 1520, 2560 × 1440, 2304 × 1296, 1920 × 1080, 1280×720) |

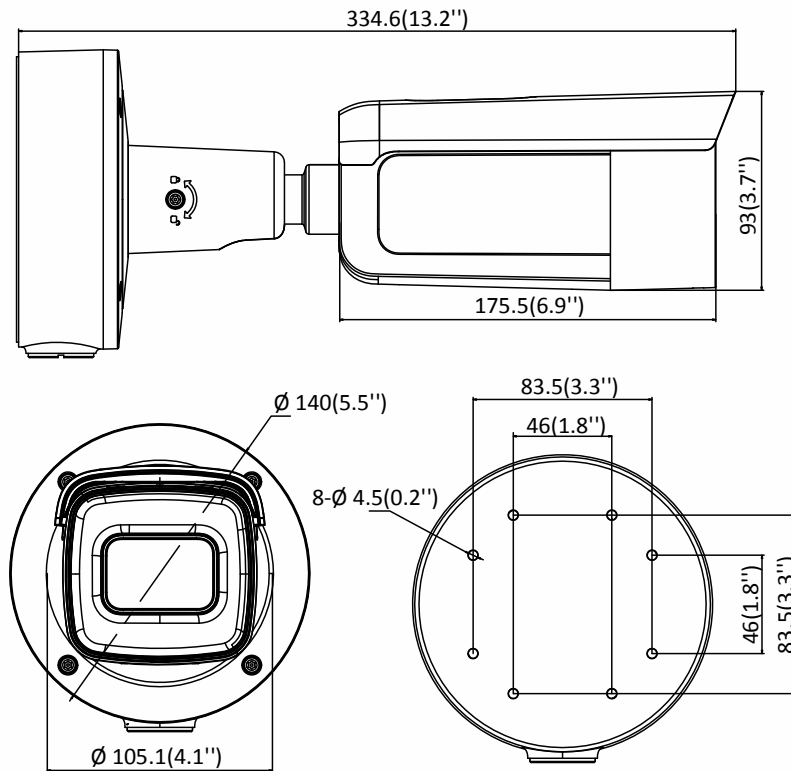
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|-----------------------------|--|
| | 60Hz: 30fps (2688 × 1520, 2560 × 1440, 2304 × 1296, 1920 × 1080, 1280×720) |
| Sub-Stream | 50Hz: 25fps (640 × 480, 640 × 360, 320 × 240) 60Hz: 30fps (640 × 480, 640 × 360, 320 × 240) |
| Third Stream | 50Hz: 25fps (1280 × 720, 640 × 360, 352 × 288) 60Hz: 30fps (1280 × 720, 640 × 360, 352 × 240) |
| Image Enhancement | BLC/3D DNR/HLC |
| Image Settings | Rotate mode, saturation, brightness, contrast, sharpness, AGC, and white balance are adjustable by client software or web browser |
| Target Cropping | Yes |
| Day/Night Switch | Day/Night/Auto/Schedule/Triggered by alarm in (-S) |
| 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 |
| 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, Ehome |
| 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, 3.5 mm), 1 output (line out, 3.5 mm), 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 | 1Vp-p composite output(75Ω/BNC) (For adjustment only) |
| On-board storage | Built-in Micro SD/SDHC/SDXC slot, up to 128 GB |
| Reset Button | Yes |
| Audio (-S) | |
| Environment Noise Filtering | Yes |
| Audio Sampling Rate | 8 kHz/16 kHz/32 kHz/44.1 kHz/48 kHz |
| Audio Compression | G722.1/G.711/G726/MP2L2/PCM/MP3 |
| Audio Bit Rate | 64Kbps(G.711)/16Kbps(G.722.1)/16Kbps(G.726)/32-192Kbps(MP2L2)/8Kbps-320Kbps(MP3) |
| 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) |
| Operating Conditions | -30 °C to +60 °C (-22 °F to +140 °F), Humidity 95% or less (non-condensing) |
| Power Supply | 12 VDC ± 25%, terminal block PoE (802.3at, class 4) |

| | |
|-------------------------------|--|
| Power Consumption and Current | 12 VDC, 1.2A, max. 14.5W PoE (802.3at, 42.5V to 57V), 0.43A to 0.3A, max. 18W |
| Protection Level | IP67 |
| Accessory | The junction box is included in the package |
| Material | Front cover: metal, back cover: metal |
| Dimensions | Camera: $\Phi 140 \times 334.6$ mm ($\Phi 5.5'' \times 13.2''$) |
| Weight | Camera: 1300 g (2.9 lb.) With package: 2000 g (4.4 lb.) |

Available Model:

DS-2CD3643G1-IZ(2.7 to 13.5 mm), DS-2CD3643G1-IZS(2.7 to 13.5 mm)

Dimensions

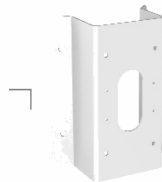


Accessories

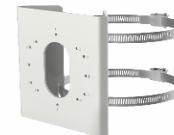
Distributed by



DS-1475ZJ-SUS
Vertical Pole Mount



DS-1476ZJ-SUS
Corner Mount



DS-1275ZJ-S-SUS
Vertical Pole Mount

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