

**DS-2CD2643G0-IZS**

**4 MP IR Varifocal Bullet Network Camera**



## Key Features

- 1/3" Progressive Scan CMOS
- 2688 × 1520 @30fps
- 2.8 to 12 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
- 2 behavior analyses, and face detection
- BLC/3D DNR/ROI/HLC
- IP66, IK10
- Built-in micro SD/SDHC/SDXC card slot, up to 128 GB
- 3-Axis adjustment



## Specifications

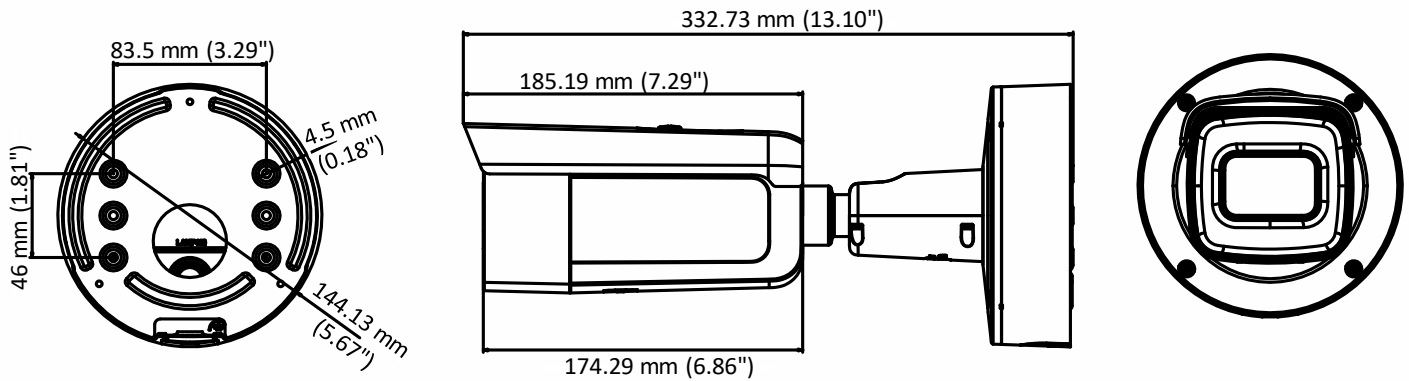
| <b>Camera</b>               |                                                                                                                                     |
|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| 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°                                                                                |
| <b>Lens</b>                 |                                                                                                                                     |
| Focal length                | 2.8 to 12 mm                                                                                                                        |
| Lens Type                   | Motorized                                                                                                                           |
| Aperture                    | F1.6                                                                                                                                |
| Focus                       | Auto                                                                                                                                |
| FOV                         | horizontal FOV: 104° to 29°<br>vertical FOV: 55° to 17°<br>diagonal FOV: 125° to 34°                                                |
| Lens Mount                  | Ø14                                                                                                                                 |
| <b>IR</b>                   |                                                                                                                                     |
| IR Range                    | Up to 50 m                                                                                                                          |
| Wavelength                  | 850nm                                                                                                                               |
| <b>Compression Standard</b> |                                                                                                                                     |
| Video Compression           | Main stream: H.265/H.264<br>Sub-stream: H.265/H.264/MJPEG<br>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           | G.711/G.722.1/G.726/MP2L2/PCM                                                                                                       |
| Audio Bit Rate              | 64Kbps(G.711)/16Kbps(G.722.1)/16Kbps(G.726)/32-192Kbps(MP2L2)                                                                       |
| <b>Smart Feature-set</b>    |                                                                                                                                     |
| Behavior Analysis           | Line crossing detection, intrusion detection                                                                                        |
| Face Detection              | Yes                                                                                                                                 |
| Region of Interest          | 1 fixed region for main stream and sub-stream                                                                                       |
| <b>Image</b>                |                                                                                                                                     |
| Max. Resolution             | 2688 × 1520                                                                                                                         |
| Main Stream                 | 50Hz:25fps (2688 × 1520, 2560 × 1440, 2304 × 1296, 1920 × 1080)<br>60Hz: 30fps (2688 × 1520, 2560 × 1440, 2304 × 1296, 1920 × 1080) |
| Sub-Stream                  | 50Hz: 25fps (640 × 480, 640 × 360, 320 × 240)<br>60Hz: 30fps (640 × 480, 640 × 360, 320 × 240)                                      |
| Third Stream                | 50Hz: 25fps (1280 × 720, 640 × 360, 352 × 288)<br>60Hz: 30fps (1280 × 720, 640 × 360, 352 × 240)                                    |

|                               |                                                                                                                                         |
|-------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| Image Enhancement             | BLC/3D DNR/HLC                                                                                                                          |
| Image Setting                 | Rotate mode, saturation, brightness, contrast, sharpness and white balance adjustable by client software or web browser                 |
| Day/Night Switch              | Day/Night/Auto/Schedule/Triggered by alarm in                                                                                           |
| <b>Network</b>                |                                                                                                                                         |
| Network Storage               | Support Micro SD/SDHC/SDXC card (128G), local storage and NAS (NFS,SMB/CIFS), ANR                                                       |
| Alarm Trigger                 | Motion detection, video tampering, network disconnected, IP address conflict, illegal login, HDD full, HDD error                        |
| Protocols                     | TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP™, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, Bonjour       |
| General Function              | One-key reset, anti-flicker, three streams, heartbeat, mirror, password protection, privacy mask, watermark, IP address filter          |
| Firmware Version              | V5.5.80                                                                                                                                 |
| API                           | ONVIF (PROFILE S, PROFILE G), ISAPI                                                                                                     |
| Simultaneous Live View        | Up to 6 channels                                                                                                                        |
| User/Host                     | Up to 32 users<br>3 levels: Administrator, Operator and User                                                                            |
| Client                        | iVMS-4200, Hik-Connect, iVMS-5200, iVMS-4500                                                                                            |
| Web Browser                   | Plug-in required live view: IE8+, Chrome 41.0-44, Firefox 30.0-51, Safari 8.0-11<br>Plug-in free live view: Chrome 45.0+, Firefox 52.0+ |
| <b>Interface</b>              |                                                                                                                                         |
| Audio                         | 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                         | 1 input, 1 output (max. 12 VDC, 30 mA), terminal block                                                                                  |
| Video Output                  | 1Vp-p composite output(75Ω) (For adjustment only)                                                                                       |
| On-board storage              | Built-in Micro SD/SDHC/SDXC slot, up to 128 GB                                                                                          |
| SVC                           | H.264 and H.265 encoding                                                                                                                |
| Reset Button                  | Yes                                                                                                                                     |
| <b>Audio</b>                  |                                                                                                                                         |
| Environment Noise Filtering   | Yes                                                                                                                                     |
| Audio Sampling Rate           | 8 kHz/16 kHz/32 kHz/44.1 kHz/48 kHz                                                                                                     |
| <b>General</b>                |                                                                                                                                         |
| 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<br>PoE (802.3at, class 4)                                                                                  |
| Power Consumption and Current | 12 VDC, 1.2A, max. 14.5W<br>PoE (802.3at, 42.5V to 57V), 0.43A to 0.3A, max. 18W                                                        |
| Protection Level              | IP66, IK10                                                                                                                              |
| Material                      | Metal                                                                                                                                   |
| Dimensions                    | Φ 144.13 × 332.73 mm (Φ 5.7" × 13.1")                                                                                                   |
| Weight                        | Camera: Approx. 1740 g (3.8 lb.)<br>With Package: Approx. 2610 g (5.8 lb.)                                                              |

## Available Model:

DS-2CD2643G0-IZS (2.8 to 12 mm)

## Dimensions



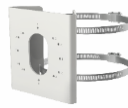
## Accessories



DS-1475ZJ-SUS  
Vertical Pole Mount



DS-1476ZJ-SUS  
Corner Mount



DS-1275ZJ-S-SUS  
Vertical Pole Mount

Distributed by



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