

## DS-2CD3C23G1-IMX 2 MP IR Varifocal Bullet Network Camera



### Key Features

- 1/2.8" Progressive Scan CMOS
- 1920 × 1080@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.



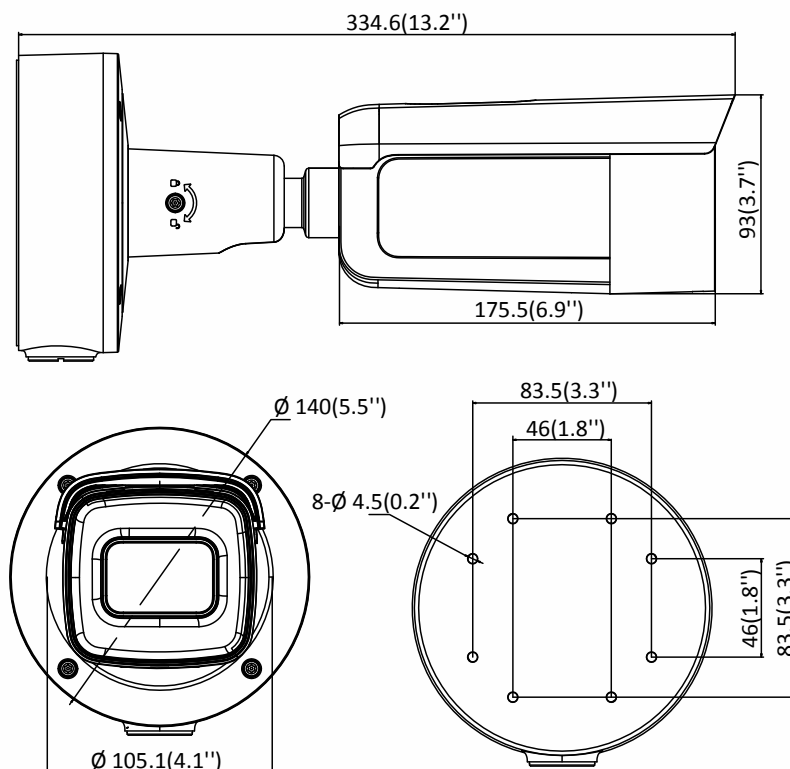
## Specifications

| <b>Camera</b>               |                                                                                                                                                                                                                                                                       |
|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Image Sensor                | 1/2.8" 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                | 2.7 to 13.5 mm                                                                                                                                                                                                                                                        |
| Aperture                    | F1.6                                                                                                                                                                                                                                                                  |
| Focus                       | Auto                                                                                                                                                                                                                                                                  |
| Auto-Iris                   | DC drive                                                                                                                                                                                                                                                              |
| FOV                         | Horizontal FOV: 112° to 29°, vertical FOV: 59° to 17°, diagonal FOV: 139° to 33°                                                                                                                                                                                      |
| Lens Mount                  | Ø14                                                                                                                                                                                                                                                                   |
| <b>IR</b>                   |                                                                                                                                                                                                                                                                       |
| IR Range                    | Up to 60 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/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                                                                                                                                                                                                                                              |
| <b>Smart Feature-set</b>    |                                                                                                                                                                                                                                                                       |
| Smart Event                 | Line crossing detection, 1 line configurable<br>Intrusion detection, up to 1 region configurable<br>Unattended baggage detection, 1 region configurable<br>Object removal detection, 1 region configurable<br>Face detection: detects faces<br>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<br>Trigger captured pictures uploading: FTP, HTTP, NAS, Email<br>Trigger notification: HTTP, ISAPI, alarm output (-S), Email                                                              |
| Region of Interest          | Support 5 fixed regions for main stream and sub stream                                                                                                                                                                                                                |
| <b>Image</b>                |                                                                                                                                                                                                                                                                       |
| 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)<br>60Hz: 30fps (640 × 480, 640 × 360, 320 × 240)                                                                                                                                                                                                                                               |
| Third Stream                | 50Hz: 25fps (1920 × 1080, 1280 × 720, 640 × 360, 352 × 288)<br>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 are adjustable by client software or web browser                                                                                                                                                                                                            |
| Day/Night Switch            | Day/Night/Auto/Schedule/Triggered by alarm in (-S)                                                                                                                                                                                                                                                                                           |
| <b>Network</b>              |                                                                                                                                                                                                                                                                                                                                              |
| Network Storage             | MicroSD/SDHC/SDXC card (128 GB), local storage and NAS (NFS,SMB/CIFS), ANR<br>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                                                                                                                                                                                                                                      |
| 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<br>3 levels: Administrator, Operator and User                                                                                                                                                                                                                                                                                 |
| Client                      | iVMS-4200, Hik-Connect, Hik-Central                                                                                                                                                                                                                                                                                                          |
| Web Browser                 | Plug-in required live view: IE8+<br>Plug-in free live view: Chrome 57.0+, Firefox 52.0+, Safari 11+<br>Local Service: Chrome 41.0+, Firefox 30.0+                                                                                                                                                                                            |
| <b>Interface</b>            |                                                                                                                                                                                                                                                                                                                                              |
| 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                                                                                                                                                                                                                                                                                                                                          |
| <b>Audio(-S)</b>            |                                                                                                                                                                                                                                                                                                                                              |
| 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)                                                                                                                                                                                                                                                             |
| <b>General</b>              |                                                                                                                                                                                                                                                                                                                                              |
| Firmware Version            | V5.6.0                                                                                                                                                                                                                                                                                                                                       |
| Web Client Language         | 32 languages<br>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<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              | 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.)<br>With package: 2000 g (4.4 lb.)                       |

## Dimensions



## Accessories

Distributed by



**DS-1475ZJ-SUS**  
Vertical Pole Mount



**DS-1476ZJ-SUS**  
Corner Mount



**DS-1275ZJ-S-SUS**  
Vertical Pole Mount

## HIKVISION®

### Headquarters

No.555 Qianmo Road, Binjiang District,  
Hangzhou 310051, China  
T +86-571-8807-5998  
overseasbusiness@hikvision.com

**Hikvision USA**  
T +1-909-895-0400  
sales.usa@hikvision.com

**Hikvision Italy**  
T +39-0438-6902  
info.it@hikvision.com

**Hikvision Singapore**  
T +65-6684-4718  
sg@hikvision.com

**Hikvision Africa**  
T +27 (0) 0351172  
sale.africa@hikvision.com

**Hikvision Europe**  
T +31-23-55-42-770  
info.eu@hikvision.com

**Hikvision France**  
T +33(0)1-85-330-450  
info.fr@hikvision.com

**Hikvision Oceania**  
T +61-2-8599-4233  
salesau@hikvision.com

**Hikvision Hong Kong**  
T +852-2151-1761

**Hikvision Middle East**  
T +971-4-8816086  
salesme@hikvision.com

**Hikvision Spain**  
T +34-91-737-16-55  
info.es@hikvision.com

**Hikvision Canada**  
T +1-909-895-0400  
sales.usa@hikvision.com

**Hikvision Russia**  
T +7-495-669-67-99  
saleru@hikvision.com

**Hikvision Poland**  
T +48-22-460-01-50  
poland@hikvision.com

**Hikvision Korea**  
T +82-31-731-8841  
sales.korea@hikvision.com

**Hikvision India**  
T +91-22-28469900  
sales@pramahikvision.com

**Hikvision UK**  
T +01628-902140  
support.uk@hikvision.com

**Hikvision Brazil**  
T +55 11 3318-0050  
Latam.support@hikvision.com

05060020190528