

## DS-2CD3683G1-IZUHK 8 MP IR Varifocal Bullet Network Camera



### Key Features

- 1/2.5" Progressive Scan CMOS
- 3840 × 2160 @ 15 fps
- 2.7 to 13.5 mm vari-focal 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
- Auto Iris
- 120dB WDR
- Junction box included in the package
- BLC/3D DNR/ROI/HLC
- IP67, IK10
- Built-in micro SD/SDHC/SDXC card slot, up to 128 GB



## Specifications

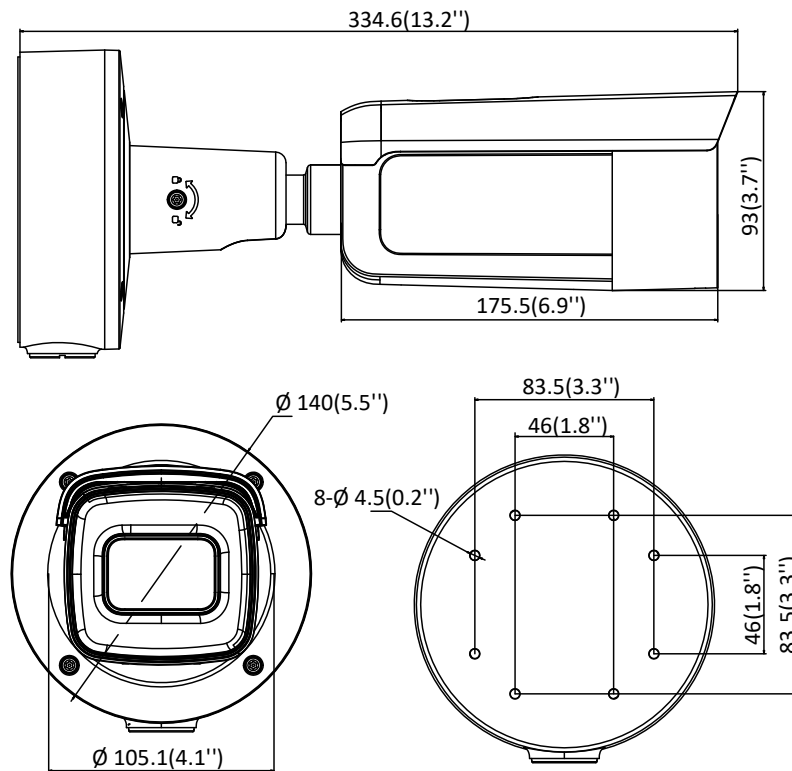
| <b>Camera</b>               |                                                                                                                                                                                                    |
|-----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Image Sensor                | 1/2.5" 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                                                                                                                                                                                                |
| Auto-Iris                   | Yes                                                                                                                                                                                                |
| Day & Night                 | IR Cut Filter                                                                                                                                                                                      |
| Digital Noise Reduction     | 3D DNR                                                                                                                                                                                             |
| WDR                         | 120dB                                                                                                                                                                                              |
| 3-Axis Adjustment           | Pan: 0° to 355°, tilt: 0° to 90°, rotate: 0° to 355°                                                                                                                                               |
| <b>Lens</b>                 |                                                                                                                                                                                                    |
| Focal Length                | 2.7 to 13.5 mm                                                                                                                                                                                     |
| Aperture                    | F1.6~F1.9                                                                                                                                                                                          |
| Focus                       | Auto                                                                                                                                                                                               |
| FOV                         | Horizontal field of view: 105° to 34.5°<br>Vertical field of view: 55° to 19°<br>Diagonal field of view: 125° to 40°                                                                               |
| Lens Mount                  | Φ14                                                                                                                                                                                                |
| <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                                                                                                                                                                                 |
| <b>Smart Feature-set</b>    |                                                                                                                                                                                                    |
| Behavior Analysis           | Line crossing detection, intrusion detection, unattended baggage detection, object removal detection                                                                                               |
| Exception Detection         | Scene change detection                                                                                                                                                                             |
| Face Detection              | Yes                                                                                                                                                                                                |
| Region of Interest          | Support 1 fixed region for main stream and sub-stream                                                                                                                                              |
| <b>Image</b>                |                                                                                                                                                                                                    |
| Max. Resolution             | 3840 × 2160                                                                                                                                                                                        |
| Main Stream                 | 50Hz: 12.5 fps (3840 × 2160), 20fps (3072 × 1728), 25 fps (2560 × 1440, 1920 × 1080, 1280 × 720)<br>60Hz: 15 fps (3840 × 2160), 20fps (3072 × 1728), 30 fps (2560 × 1440, 1920 × 1080, 1280 × 720) |
| Sub-Stream                  | 50Hz: 25fps (640 × 480, 640 × 360, 320 × 240)<br>60Hz: 30fps (640 × 480, 640 × 360, 320 × 240)                                                                                                     |
| Third Stream                | 50Hz: 10fps(1920 x1080) , 25fps (1280 ×720, 640 × 360, 352 × 288)<br>60Hz: 10fps(1920 x1080) , 30fps (1280 × 720, 640 × 360, 352 × 240)                                                            |

|                                                                                                                                                                                                                   |                                                                                                                                  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| Image Enhancement                                                                                                                                                                                                 | BLC/3D DNR/HLC                                                                                                                   |
| Image Settings                                                                                                                                                                                                    | Saturation, brightness, contrast, sharpness adjustable by client software or web browser                                         |
| Target Cropping                                                                                                                                                                                                   | No                                                                                                                               |
| Day/Night Switch                                                                                                                                                                                                  | Day/Night/Auto/Schedule/Triggered by Alarm In(-S)                                                                                |
| *Note: When the main stream resolution is 3840 × 2160, max frame rate is 12.5 fps (50Hz)/15 fps (60Hz) for all streams. When the main stream resolution is 3072 × 1728, max frame rate is 20 fps for all streams. |                                                                                                                                  |
| <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, password protection, privacy mask, watermark, IP address filter           |
| Firmware Version                                                                                                                                                                                                  | V5.5.60                                                                                                                          |
| 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                                                                                                                                                                                                       | IE8+, Chrome 31.0-44, Firefox 30.0-51, Safari 8.0+                                                                               |
| <b>Interface</b>                                                                                                                                                                                                  |                                                                                                                                  |
| Communication Interface                                                                                                                                                                                           | 1 RJ45 10M/100M self-adaptive Ethernet port                                                                                      |
| Video Output                                                                                                                                                                                                      | 1Vp-p composite output (75 Ω/BNC) (For adjustment only)                                                                          |
| On-board storage                                                                                                                                                                                                  | Built-in Micro SD/SDHC/SDXC slot, up to 128 GB                                                                                   |
| SVC                                                                                                                                                                                                               | H.264 and H.265 encoding support                                                                                                 |
| Reset Button                                                                                                                                                                                                      | Yes                                                                                                                              |
| <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%, Φ 5.5 mm coaxial power plug<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), 0.5A to 0.3A, max. 18W                                                  |
| Protection Level                                                                                                                                                                                                  | IP67, IK10                                                                                                                       |
| Accessory                                                                                                                                                                                                         | The junction box is included in the package                                                                                      |
| Material                                                                                                                                                                                                          | Front cover: metal, back cover: metal                                                                                            |
| Dimensions                                                                                                                                                                                                        | Camera: Φ140 × 334.6 mm (Φ5.5"× 13.2")                                                                                           |
| Weight                                                                                                                                                                                                            | Camera: 1300 g (2.9 lb.)<br>With package: 2000 g (4.4 lb.)                                                                       |

## Available Model:

DS-2CD3683G1-IZUHK(2.7 to 13.5 mm)

## Dimensions

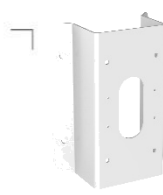


## Accessories

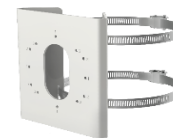
Distributed by



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



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



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

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

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

**Hikvision Canada**  
T +1-866-200-6690  
sales.canada@hikvision.com

**Hikvision Thailand**  
T +662-275-9949  
sales.thailand@hikvision.com

**Hikvision Europe**  
T +31-23-5542770  
sales.eu@hikvision.com

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

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

**Hikvision Turkey**  
T +90 (216)521 7070- 7074  
sales.tr@hikvision.com

**Hikvision Malaysia**  
T +601-7652-2413  
sales.my@hikvision.com

**Hikvision UK & Ireland**  
T +01628-902140  
sales.uk@hikvision.com

**Hikvision South Africa**  
Tel: +27 (10) 0351172  
sale.africa@hikvision.com

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

**Hikvision Kazakhstan**  
T +7-727-9730667  
nikia.panfilov@hikvision.ru

**Hikvision Vietnam**  
T +84-974270888  
sales.vt@hikvision.com

**Hikvision UAE**  
T +971-4-4432090  
salesme@hikvision.com

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

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

**Hikvision Tashkent**  
T +99-87-1238-9438  
uzb@hikvision.ru

**Hikvision Hong Kong**  
T +852-2151-1761  
info.hk@hikvision.com

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

**Hikvision Korea**  
T +82-(0)31-731-8817  
sales.korea@hikvision.com

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

**Hikvision Indonesia**  
T +62-21-2933759  
Sales.Indonesia@hikvision.com

**Hikvision Colombia**  
sales.colombia@hikvision.com