

DS-2CD2685FWD-IZS 8 MP IR Varifocal Bullet Network Camera



Key Features

- 1/2.5" Progressive Scan CMOS
- 3840 × 2160 @20fps
- H.265, H.265+
- 120dB WDR
- IP67, IK10
- IR range: up to 50 m
- BLC/3D DNR/ROI/HLC
- Smart encoding: Support low bit rate, low latency
- 4 behavior analyses and face detection
- Color: 0.01 Lux @ (F1.2, AGC ON), 0 Lux with IR
Color: 0.014 Lux @ (F1.4, AGC ON), 0 Lux with IR



Specifications

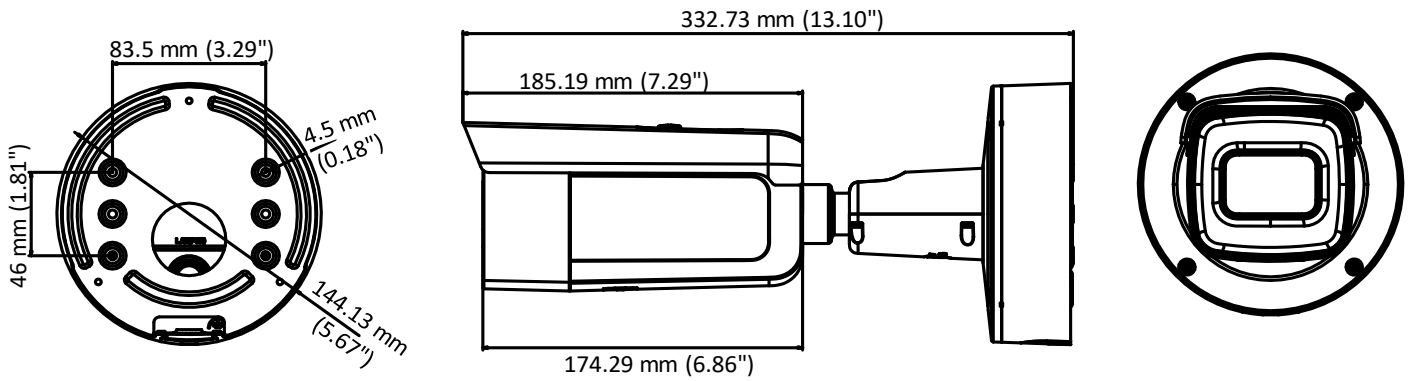
| Camera | |
|-----------------------------|--|
| Image Sensor | 1/2.5" Progressive Scan CMOS |
| Min. Illumination | Color: 0.01 Lux @ (F1.2, AGC ON), 0 Lux with IR Color: 0.014 Lux @ (F1.4, AGC ON), 0 Lux with IR |
| Shutter Speed | 1/3 s to 1/100,000 s |
| Slow Shutter | Yes |
| Day & Night | IR Cut 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 | 2.8 to 12 mm |
| Lens Type | Motorized |
| Aperture | F1.4 |
| Focus | Auto |
| FOV | Horizontal field of view: 115° to 35° Vertical field of view: 60° to 19° Diagonal field of view: 146° to 38.5° |
| Lens Mount | Φ14 |
| IR | |
| IR Range | Up to 50 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 |
| 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) |
| Smart Feature-set | |
| 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 |
| Image | |
| Max. Resolution | 3840 × 2160 |
| Main Stream | 50Hz: 20 fps (3840 × 2160), 25 fps (3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 20 fps (3840 × 2160), 30 fps (3072 × 1728, 2560 × 1440, 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 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 |
| *Note: When the main stream resolution is 3840 × 2160, max frame rate is 20 fps for all streams. | |
| Network | |
| 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, Alarm output, Alarm input |
| 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 | V5.5.80 |
| API | ONVIF (PROFILE S, PROFILE G), ISAPI |
| Simultaneous Live View | Up to 6 channels |
| User/Host | Up to 32 users 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 Plug-in free live view: Chrome 45.0+, Firefox 52.0+ |
| Interface | |
| Audio | 1 input (line in, 3.5 mm), 1 output(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 (75 Ω/BNC) (For adjustment only) |
| On-board storage | Built-in Micro SD/SDHC/SDXC slot, up to 128 GB |
| SVC | Support H.264 and H.265 encoding |
| Reset Button | Yes |
| Audio | |
| Environment Noise Filtering | Yes |
| Audio Sampling Rate | 8kHz/16kHz/32kHz/44.1kHz/48kHz |
| General | |
| Operating Conditions | -30 °C to +60 °C (-22 °F to +140 °F), Humidity 95% or less (non-condensing) |
| Power Supply | 12 VDC ± 25%, PoE (802.3at) Terminal block for DC input |
| Power Consumption and Current | 12 VDC, 1.5A, max. 17W PoE (802.3at, 42.5V to 57V), 0.5A to 0.1A, max. 19W |
| Protection Level | IP67, IK10 |
| Material | Metal |
| Dimensions | Φ144.13×332.73 mm (Φ5.67"× 13.10") |
| Weight | Camera: 1893 g (4.17 lb.) |

Available Model:

DS-2CD2685FWD-IZS

Dimensions



Accessories



DS-1475ZJ-SUS

Vertical Pole Mount



DS-1476ZJ-SUS

Corner Mount



DS-1475ZJ-SUS(Black)

Vertical pole mount



DS-1275ZJ-S-SUS

Vertical Pole Mount

Distributed by



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