

DS-2CD3385G0-I (B) 8 MP IR Fixed Turret Network Camera



- 1/1.8" Progressive Scan CMOS
- 3840 × 2160@20fps
- 2.8/4/6 mm fixed lens
- Color: 0.014 Lux @(F1.6, AGC ON), 0 Lux with IR
- H.265+, H.264+, H.265, H.264
- 120dB WDR
- 4 behavior analyses, 1 exception detection, and face detection
- BLC/3D DNR/ROI/HLC
- IP67
- Built-in micro SD/SDHC/SDXC card slot, up to 128 GB
- 3-Axis adjustment
- IR range: Up to 40 m
- Powered by DarkFighter



Specifications

| Camera | |
|--|---|
| Image Sensor | 1/1.8" Progressive Scan CMOS |
| Min. Illumination | Color: 0.014 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 |
| WDR | 120 dB |
| Angle Adjustment | Pan: 0° to 360°, tilt: 0° to 75°, rotate: 0° to 360° |
| Lens | |
| Lens Type | 2.8/4/6 mm |
| Aperture | F1.6 |
| FOV | 2.8 mm, horizontal FOV: 102°, vertical FOV: 55°, diagonal FOV: 120° 4 mm, horizontal FOV: 79°, vertical FOV: 43°, diagonal FOV: 92° 6 mm, horizontal FOV: 51°, vertical FOV: 27°, diagonal FOV: 59° |
| Lens Mount | M12 |
| Illuminator | |
| IR Range | Up to 40 m |
| Wavelength | 850 nm |
| Video | |
| Max. Resolution | 3840 × 2160 |
| Main Stream | 50Hz: 20fps (3840 × 2160), 25fps (3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 20fps (3840 × 2160), 30fps (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) |
| Video Compression | Main stream: H.265/H.264 Sub-stream/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 |
| <i>* When the main stream resolution is 3840 × 2160, max frame rate is 20 fps for all streams.</i> | |
| Smart Feature-Set | |
| Smart Event | Line crossing detection, up to 1 line configurable |

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| | <p>Intrusion detection, up to 1 region configurable</p> <p>Unattended baggage detection, up to 1 region configurable</p> <p>Object removal detection, up to 1 region configurable</p> <p>Face detection: detects faces</p> <p>Scene change detection</p> |
| Basic Event | Motion detection, video tampering alarm, exception (network disconnected, IP address conflict, illegal login, HDD full, HDD error) |
| Linkage Method | <p>Trigger recording: memory card, network storage, pre-record and post-record</p> <p>Trigger captured pictures uploading: FTP, HTTP, NAS, Email</p> <p>Trigger notification: HTTP, ISAPI, alarm output, Email</p> |
| Region of Interest | 5 fixed region for main stream and sub-stream |
| Image | |
| Image Enhancement | BLC, HLC, 3D DNR |
| Image Setting | Rotate mode, saturation, brightness, contrast, sharpness, AGC and white balance adjustable by client software or web browser |
| Target Cropping | Yes |
| Day/Night Switch | Day/Night/Auto/Schedule |
| 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 |
| 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 | <p>Plug-in required live view: IE8+</p> <p>Plug-in free live view: Chr2ome 57.0+, Firefox 52.0+, Safari 11+</p> <p>Local Service: Chrome 41.0+, Firefox 30.0+</p> |
| Interface | |
| Communication Interface | 1 RJ45 10M/100M self-adaptive Ethernet port |
| On-board storage | Built-in micro SD/SDHC/SDXC slot, up to 128 GB |
| General | |
| Web Client Language | <p>32 languages</p> <p>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)</p> |

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|----------------------------------|---|
| General Function | Anti-flicker, three streams , heartbeat, mirror, privacy masks, password reset via e-mail, pixel counter, HTTP listening |
| Reset | Reset via reset button on camera body, web browser and client software |
| Startup and Operating Conditions | -30 °C to 60 °C (-22 °F to 140 °F), humidity 95% or less (non-condensing) |
| Storage 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; PoE (802.3af, class 3) |
| Power Consumption and Current | 12 VDC, 0.63 A, max. 7.5 W; PoE (802.3af, 36 V to 57 V), 0.3 A to 0.2 A, max. 9 W |
| Material | Metal |
| Dimensions | Camera: Approx. Φ138.3 × 125 mm (5.4" × 4.9") With package: Approx. 170 × 170 × 150 mm (6.7" × 6.7" × 5.9") |
| Weight | Camera: Approx. 730 g (1.6 lb.) With package: Approx. 998 g (2.2 lb.) |
| Approval | |
| EMC | 47 CFR Part 15, Subpart B; EN 55032: 2015, EN 61000-3-2: 2014, EN 61000-3-3: 2013, EN 50130-4: 2011 +A1: 2014; AS/NZS CISPR 32: 2015; ICES-003: Issue 6, 2016; KN 32: 2015, KN 35: 2015 |
| Safety | UL 60950-1, IEC 60950-1:2005 + Am 1:2009 + Am 2:2013, EN 60950-1:2005 + Am 1:2009 + Am 2:2013, IS 13252(Part 1):2010+A1:2013+A2:2015 |
| Chemistry | 2011/65/EU, 2012/19/EU, Regulation (EC) No 1907/2006 |
| Protection | Ingress protection: IP67 (IEC 60529-2013) |

* Listed resolutions are only selectable options. It does not mean that all streams can work at their maximum resolution at the same time.

Available Model

DS-2CD3385G0-I (B) (2.8/4/6 mm)

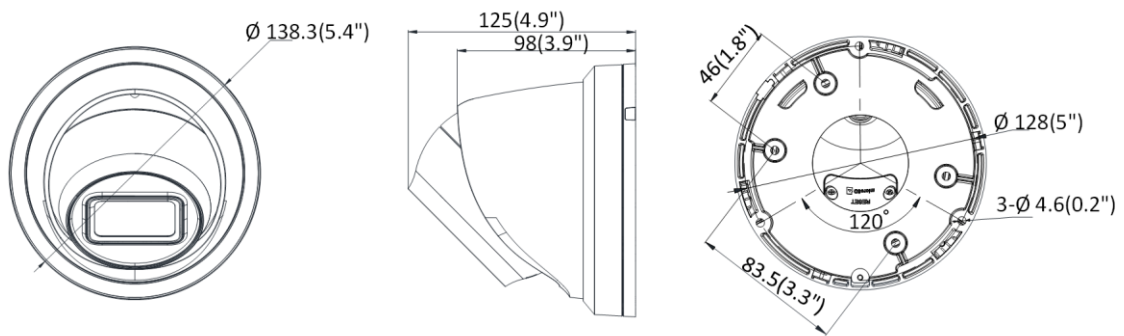
Typical Application

Hikvision products are classified into three levels according to their anti-corrosion performance. Refer to the following description to choose for your using environment.

This model has NO SPECIFIC PROTECTION.

| Level | Description |
|------------------------|--|
| Top-level protection | Hikvision products at this level are equipped for use in areas where professional anti-corrosion protection is a must. Typical application scenarios include coastlines, docks, chemical plants, and more. |
| Moderate protection | Hikvision products at this level are equipped for use in areas with moderate anti-corrosion demands. Typical application scenarios include coastal areas about 2 kilometers (1.24 miles) away from coastlines, as well as areas affected by acid rain. |
| No specific protection | Hikvision products at this level are equipped for use in areas where no specific anti-corrosion protection is needed. |

Dimensions



Unit: mm(inch)

Accessory



DS-1271ZJ-140
Pendant Mount



DS-1273ZJ-140
Wall Mount



DS-1280ZJ-DM21
Junction Box

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