

DS-2CD2766G2-IZS**6 MP AcuSense Powered-by-DarkFighter Motorized Varifocal Dome Network Camera**

AcuSense

Powered by

DarkFighter

Empowered by deep learning algorithms, Hikvision AcuSense technology brings human and vehicle targets classification alarms to front- and back-end devices. The system focuses on human and vehicle targets, vastly improving alarm efficiency and effectiveness.

- High quality imaging with 6 MP resolution
- Motorized varifocal lens for easy installation and monitoring
- Excellent low-light performance via powered-by-DarkFighter technology
- Efficient H.265+ compression technology
- Clear imaging against strong back light due to 120 dB true WDR technology
- Focus on human and vehicle targets classification based on deep learning
- Audio and alarm interface available
- Water and dust resistant (IP66) and vandal proof (IK10)



▪ Specification

| Camera | |
|------------------------|--|
| Image Sensor | 1/2.4" Progressive Scan CMOS |
| Wide Dynamic Range | 120 dB |
| Min. Illumination | Color: 0.003 Lux @ (F1.4, AGC ON), B/W: 0 Lux with IR |
| Shutter Speed | 1/3 s to 1/100,000 s |
| Slow Shutter | Yes |
| P/N | P/N |
| Day & Night | IR cut filter |
| Angle Adjustment | Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355° |
| Power-off Memory | Yes |
| Lens | |
| Lens Type | Varifocal lens, motorized lens, 2.8 to 12 mm |
| Iris Type | Fixed |
| Focal Length & FOV | 2.8 to 12 mm, horizontal FOV 99° to 35°, vertical FOV 53° to 20°, diagonal FOV 117° to 41° |
| Aperture | F1.4 |
| Lens Mount | Ø14 |
| DORI | |
| DORI | 2.8 to 12 mm: Wide: D: 80 m, O: 31 m, R: 16 m, I: 8 m Tele: D: 210 m, O: 83 m, R: 42 m, I: 21 m |
| Illuminator | |
| Supplement Light Type | IR |
| IR Range | Up to 40 m |
| IR Wavelength | 850 nm |
| Smart Supplement Light | Yes |
| Video | |
| Max. Resolution | 3200 × 1800 |
| Main Stream | 50 Hz: 25 fps (3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720) 60 Hz: 30 fps (3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720) |
| Sub-Stream | 50 Hz: 25 fps (640 × 480, 640 × 360) 60 Hz: 30 fps (640 × 480, 640 × 360) |
| Third Stream | 50 Hz: 10 fps (1920 × 1080, 1280 × 720, 640 × 480, 640 × 360) 60 Hz: 10 fps (1920 × 1080, 1280 × 720, 640 × 480, 640 × 360) *Third stream is supported under certain settings. |
| Video Compression | Main stream: H.265/H.264/H.264+/H.265+ Sub-stream: H.265/H.264/MJPEG Third stream: H.265/H.264 *Third stream is supported under certain settings. |
| Video Bit Rate | 32 Kbps to 16 Mbps |
| H.264 Type | Baseline Profile/Main Profile/High Profile |
| H.265 Type | Main Profile |
| H.264+ | Main stream supports |

| | |
|-----------------------------|--|
| H.265+ | Main stream supports |
| Bit Rate Control | CBR/VBR |
| Scalable Video Coding (SVC) | H.264 and H.265 encoding |
| Region of Interest (ROI) | 1 fixed region for main stream and sub-stream |
| Audio | |
| Environment Noise Filtering | Yes |
| Audio Sampling Rate | 8 kHz/16 kHz/32 kHz/44.1 kHz/48 kHz |
| Audio Compression | G.711ulaw/G.711alaw/G.722.1/G.726/MP2L2/PCM/MP3/AAC |
| Audio Bit Rate | 64 Kbps (G.711ulaw/G.711alaw)/16 Kbps (G.722.1)/16 Kbps (G.726)/32 to 192 Kbps (MP2L2)/8 to 320 Kbps (MP3)/16 to 64 Kbps (AAC) |
| Audio Type | Mono sound |
| Network | |
| Web Browser | Plug-in required live view: IE 10+ Plug-in free live view: Chrome 57.0+, Firefox 52.0+ Local service: Chrome 57.0+, Firefox 52.0+ |
| Protocols | TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, NTP, UPnP, SMTP, IGMP, 802.1X, QoS, IPv4, IPv6, UDP, Bonjour, SSL/TLS, PPPoE, SNMP, ARP |
| Simultaneous Live View | Up to 6 channels |
| API | Open Network Video Interface (PROFILE S, PROFILE G, PROFILE T), ISAPI, SDK |
| User/Host | Up to 32 users. 3 user levels: administrator, operator and user |
| Security | Password protection, complicated password, HTTPS encryption, IP address filter, Security Audit Log, basic and digest authentication for HTTP/HTTPS, TLS 1.1/1.2, WSSE and digest authentication for Open Network Video Interface |
| Network Storage | NAS (NFS, SMB/CIFS), auto network replenishment (ANR) Together with high-end Hikvision memory card, memory card encryption and health detection are supported. |
| Client | iVMS-4200, Hik-Connect, Hik-Central |
| Image | |
| Day/Night Switch | Day, Night, Auto, Schedule |
| Target Cropping | Yes |
| Image Enhancement | BLC, HLC, 3D DNR |
| Image Parameters Switch | Yes |
| Image Settings | Rotate mode, saturation, brightness, contrast, sharpness, gain, white balance adjustable by client software or web browser |
| SNR | ≥ 52 dB |
| Interface | |
| Alarm | 1 input, 1 output (max. 24 VDC/24 VAC, 1 A) |
| Audio | 1 input (line in), 3.5 mm connector, max. input amplitude: 3.3 Vpp, input impedance: 4.7 KΩ, interface type: non-equilibrium; 1 output (line out), 3.5 mm connector, max. output amplitude: 3.3 Vpp, output impedance: 100 Ω, interface type: non-equilibrium |
| On-Board Storage | Built-in memory card slot, support microSD card, up to 256 GB |
| Hardware Reset | Yes |
| Ethernet Interface | 1 RJ45 10 M/100 M self-adaptive Ethernet port |

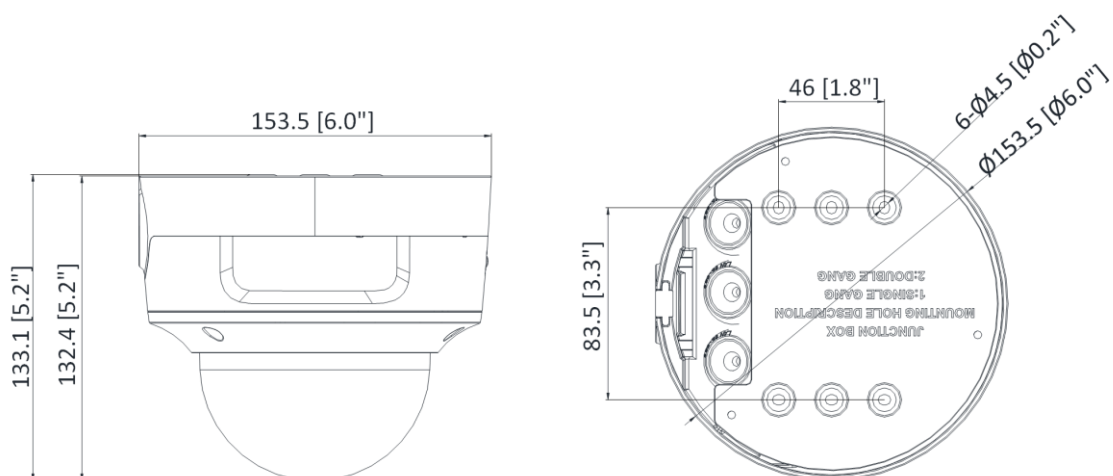
| Event | |
|----------------------------------|---|
| Basic Event | Motion detection (human and vehicle targets classification), video tampering alarm, exception |
| Smart Event | Scene change detection |
| Deep Learning Function | |
| Face Capture | Yes |
| Perimeter Protection | Line crossing detection, intrusion detection, region entrance detection, region exiting detection Supports human and vehicle targets classification |
| General | |
| Web Client Language | 33 languages 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), Ukrainian |
| Software Reset | Yes |
| General Function | Anti-flicker, heartbeat, mirror, privacy mask, flash log, password reset via email, pixel counter |
| Linkage Method | Upload to FTP/NAS/memory card, notify surveillance center, send email, trigger recording, trigger capture, trigger alarm output, audible warning |
| Storage Conditions | -30 °C to 60 °C (-22 °F to 140 °F). Humidity 95% or less (non-condensing) |
| Startup and Operating Conditions | -30 °C to 60 °C (-22 °F to 140 °F). Humidity 95% or less (non-condensing) |
| Power Supply | 12 VDC ± 25% PoE: 802.3af, Class 3 |
| Power Consumption and Current | 12 VDC, 0.88 A, max. 10.5 W PoE (802.3af, 36 V to 57 V), 0.35 A to 0.22 A, max. 12.5 W |
| Power Interface | Two-core terminal block |
| Camera Material | Metal |
| Camera Dimension | Ø153.5 mm × 133.2 mm (Ø6.0" × 5.2") |
| Package Dimension | 244 mm × 174 mm × 173 mm (9.6" × 6.9" × 6.8") |
| Camera Weight | Approx. 1110 g (2.4 lb.) |
| With Package Weight | Approx. 1729 g (3.8 lb.) |
| Firmware Version | V5.5.113 |
| Approval | |
| Protection | IP66 (IEC 60529-2013), IK10 (IEC 62262:2002) |
| EMC | CE-EMC (EN 55032: 2015, EN 61000-3-2: 2014, EN 61000-3-3: 2013, EN 50130-4: 2011 +A1: 2014); RCM (AS/NZS CISPR 32: 2015); KC (KN 32: 2015, KN 35: 2015) |
| Safety | UL (UL 60950-1); CB (IEC 60950-1:2005 + Am 1:2009 + Am 2:2013); CE-LVD (EN 60950-1:2005 + Am 1:2009 + Am 2:2013) |
| Environment | CE-RoHS (2011/65/EU); WEEE (2012/19/EU); Reach (Regulation (EC) No 1907/2006) |

▪ Available Model

DS-2CD2766G2-IZS (2.8 to 12 mm)

DS-2CD2766G2-IZS (2.8 to 12 mm)(Black)





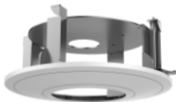

Dimension



Unit: mm (inch)

Accessory

Optional

| DS-1473ZJ-155B Wall Mount | DS-1473ZJ-155 Wall Mount | DS-1476ZJ-SUS Corner Mount | DS-1475ZJ-SUS Vertical Pole Mount | DS-1227ZJ-DM37 In-Ceiling Mount |
|---|---|---|---|---|
|  |  |  |  |  |
| DS-1471ZJ-155 Pendant Mount | | | | |
|  | | | | |

Distributed by

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