

DS-2CD2726G2-IZS

2 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 2 MP resolution
- Motorized Varifocal lens for easy installation and monitoring
- Excellent low-light performance with 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 classification based on deep learning
- Audio and alarm interface available
- Water and dust resistant (IP66) and vandal-resistant (IK10)



▪ Specification

| Camera | |
|------------------------|--|
| Image Sensor | 1/2.8" Progressive Scan CMOS |
| Min. Illumination | Color: 0.002 Lux @ (F1.4, AGC ON), B/W: 0 Lux with IR |
| Wide Dynamic Range | 120 dB |
| Day & Night | IR cut filter |
| Shutter Speed | 1/3 s to 1/100,000 s |
| Angle Adjustment | Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355° |
| Slow Shutter | Yes |
| P/N | P/N |
| Power-off Memory | Yes |
| Lens | |
| Focal Length & FOV | 2.8 to 12 mm, horizontal FOV 113° to 31°, vertical FOV 58° to 18°, diagonal FOV 138° to 36° |
| Lens Type | Varifocal lens, motorized lens, 2.8 to 12 mm |
| Aperture | F1.4 |
| Lens Mount | Ø14 |
| Iris Type | Fixed |
| DORI | |
| DORI | 2.8 to 12 mm: Wide: D: 44.1 m, O: 17.5 m, R: 8.8 m, I: 4.4 m Tele: D: 131.0 m, O: 52.0 m, R: 26.2 m, I: 13.1 m |
| Illuminator | |
| IR Range | Up to 40 m |
| IR Wavelength | 850 nm |
| Smart Supplement Light | Yes |
| Supplement Light Type | IR |
| Video | |
| Max. Resolution | 1920 × 1080 |
| Main Stream | 50 Hz: 25 fps (1920 × 1080, 1280 × 720) 60 Hz: 30 fps (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 8 Mbps |
| H.264 Type | Baseline Profile/Main Profile/High Profile |
| H.265 Type | Main Profile |
| H.264+ | Main stream supports |

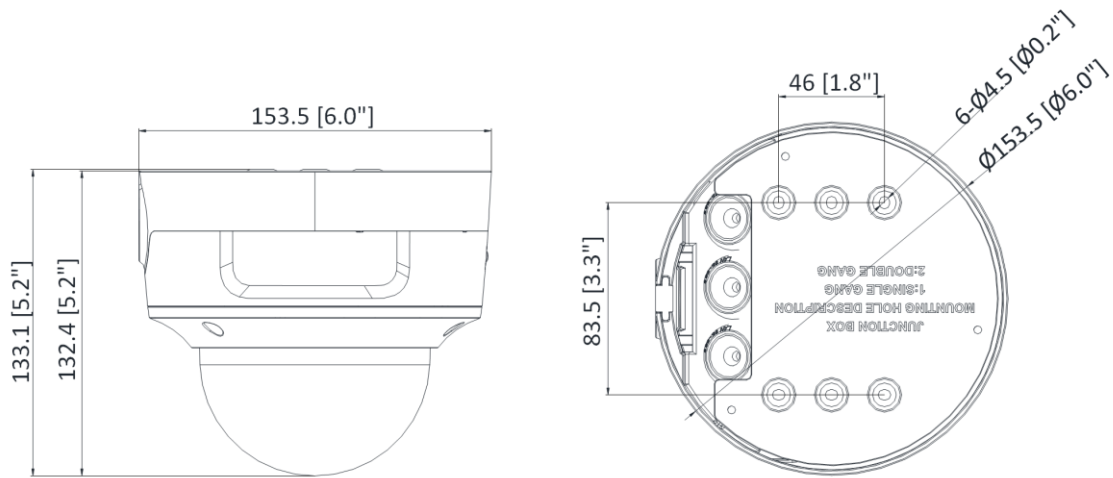
| | |
|-----------------------------|---|
| H.265+ | Main stream supports |
| Bit Rate Control | CBR/VBR |
| Scalable Video Coding (SVC) | H.264 and H.265 encoding |
| Region of Interest (ROI) | 1 fixed region for main stream and sub-stream |
| Audio | |
| Environment Noise Filtering | Yes |
| Audio 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) |
| Network | |
| Simultaneous Live View | Up to 6 channels |
| API | Open Network Video Interface (PROFILE S, PROFILE G, PROFILE T), ISAPI, SDK |
| 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 |
| Smooth Streaming | Yes |
| 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 |
| 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+ |
| Image | |
| SNR | ≥ 52 dB |
| Day/Night Switch | Day, Night, Auto, Schedule |
| 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 |
| 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 |
| Reset Key | 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 | |
| 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%, reverse polarity protection 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 |
| Material | Metal |
| Dimension | Ø153.5 mm × 133.1 mm (6.0" × 5.2") |
| Package Dimension | 244 mm × 174 mm × 173 mm (9.6" × 6.9" × 6.8") |
| Weight | Approx. 840 g (1.9 lb.) |
| With Package Weight | Approx. 1719 g (3.8 lb.) |
| Linkage Method | Upload to NAS/memory card/FTP, notify surveillance center, trigger recording, trigger capture, trigger alarm output, audible warning, send email |
| 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 |
| General Function | Anti-flicker, heartbeat, mirror, privacy mask, flash log, password reset via email, pixel counter |
| Software Reset | Yes |
| Firmware Version | V5.5.113 |
| Approval | |
| EMC | FCC (47 CFR Part 15, Subpart B); 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); LOA (IEC/EN 60950-1) |
| Environment Protection | CE-ROHS (2011/65/EU); WEEE (2012/19/EU); REACH (Regulation (EC) No 1907/2006) IP66 (IEC 60529-2013), IK10 (IEC 62262:2002) |

▪ Available Model

DS-2CD2726G2-IZS (2.8 to 12 mm)

▪ **Dimension**



Unit: mm (inch)

▪ **Accessory**

▪ **Optional**

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

Distributed by

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