

DS-2CD2546G2-I(S) 4 MP AcuSense EXIR Mini Dome Network Camera

 AcuSense



- High quality imaging with 4 MP resolution
- Excellent low-light performance with powered-by-DarkFighter technology
- Focusing on human and vehicle classification based on deep learning
- Clear imaging against strong back light due to 120 dB WDR technology
- Efficient H.265+ compression technology
- Water and dust resistant IP67 and vandal proof IK08



▪ Specification

| Camera | |
|-----------------------------|--|
| Image Sensor | 1/2.7" Progressive Scan CMOS |
| Min. Illumination | Color: 0.003 Lux @ (F1.4, AGC ON) |
| Shutter Speed | 1/3 s to 1/100,000 s |
| Day & Night | ICR Cut |
| Slow Shutter | Yes |
| Angle Adjustment | Pan: -30° to 30°, tilt: 0° to 75°, rotate: 0° to 360° |
| P/N | P/N |
| Wide Dynamic Range | 120 dB |
| Lens | |
| Lens Type & FOV | 2.8 mm, horizontal FOV 103°, vertical FOV 55°, diagonal FOV 123° 4 mm, horizontal FOV 83°, vertical FOV 45°, diagonal FOV 98° |
| Aperture | F1.4 |
| Lens Mount | M12 |
| Aperture Type | Fixed |
| Illuminator | |
| IR Range | Up to 30 m |
| Wavelength | 850 nm |
| Smart Supplement Light | Yes |
| Supplement Light | IR |
| Video | |
| Max. Resolution | 2592 × 1944 |
| Main Stream | 50Hz: 20 fps (2592 × 1944) 25 fps (2688 × 1520, 2304 × 1296, 1920 × 1080, 1280 × 720) 60Hz: 20 fps (2592 × 1944) 30 fps (2688 × 1520, 2304 × 1296, 1920 × 1080, 1280 × 720) |
| Sub Stream | 50Hz: 25 fps (640 × 480, 640 × 360, 320 × 240) 60Hz: 30 fps (640 × 480, 640 × 360, 320 × 240) |
| Third Stream | 50Hz: 25 fps (1280 × 720, 640 × 480, 640 × 360, 320 × 240) 60Hz: 30 fps (1280 × 720, 640 × 480, 640 × 360, 320 × 240) |
| 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 |
| 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) | Yes |
| 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 | 64Kbps(G.711 ulaw)/64 Kbps(G.711 alaw)/16Kbps(G.722.1)/16Kbps(G.726)/32 to 192Kbps(MP2L2)/ 8 to 320Kbps(MP3)/16 to 64Kbps(AAC) |
| Network | |
| Simultaneous Live View | Up to 6 channels |
| API | Open Network Video Interface (Profile S, Profile G), ISAPI, SDK |
| Protocols | TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, NTP, UPnP, SMTP, IGMP, 802.1X, QoS, IPv6, UDP, Bonjour, SSL/TLS, PPPoE |
| 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 | MicroSD/SDHC/SDXC card (256 GB) local storage, and 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, IE 11 Plug-in free live view: Chrome 57.0+, Firefox 52.0+ Local service: Chrome 57.0+, Firefox 52.0+ |
| Image | |
| Day/Night Switch | Day, Night, Auto, Schedule |
| Image Enhancement | BLC, HLC, 3D DNR |
| Image Parameters Switch | Yes |
| Image Settings | Rotate, mirror, privacy masks, saturation, brightness, contrast, sharpness, gain, white balance adjustable by client software or web browser |
| SNR | ≥ 52 dB |
| Interface | |
| Built-in Microphone | Yes |
| Audio | -S: 1 input (line in), two-core terminal block, max. input amplitude: 3.3 Vpp, input impedance: 4.7 KΩ, interface type: non-equilibrium; 1 output (line out), two-core terminal block, max. input amplitude: 3.3 Vpp, input impedance: 100 Ω, interface type: non-equilibrium |
| Alarm | -S: 1 alarm input, 1 alarm output (max. 24 VAC/24 VDC @500 mA) |
| On-board Storage | Built-in micro SD slot, up to 256 GB |
| Hardware Reset | Yes |
| Communication Interface | 1 RJ45 10M/100M self-adaptive Ethernet port |
| Smart Feature-Set | |
| Basic Event | Motion detection, video tampering alarm, exception (network disconnected, IP address conflict, illegal login, HDD full, HDD error) |
| Smart Event | Scene change detection |
| Intelligent (Deep Learning Algorithm) | |
| Face Capture | Yes |
| Premier Protection | Line crossing detection, intrusion detection, region entrance detection, region exiting detection |

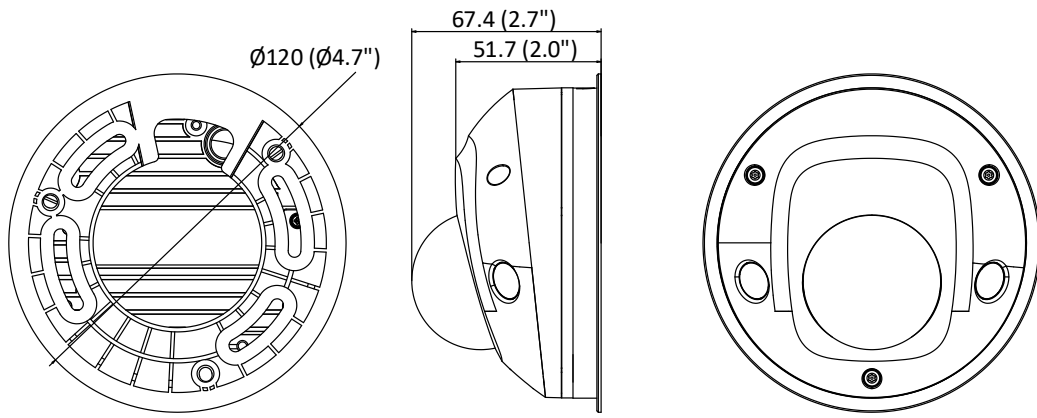
| General | |
|----------------------------------|---|
| Storage Conditions | -30 °C to 60 °C (-22 °F to 140 °F). Humidity 95% or less (non-condensing) |
| Startup and Operating Conditions | -30 °C to 60 °C (-22 °F to 140 °F). Humidity 95% or less (non-condensing) |
| Power Supply | 12 VDC ± 25%, reverse polarity protection PoE: 802.3af, Class 3 |
| Power Consumption and Current | 12 VDC, 0.58 A, max. 7 W PoE: (802.3af, 36 V to 57 V), 0.24 A to 0.15 A, max. 8.5 W |
| Power Interface | Ø5.5 mm coaxial power plug |
| Material | Metal |
| Camera Dimension | Ø120 mm × 67.4 mm (Ø4.7" × 2.7") |
| Package Dimension | 134 × 134 × 108 mm (5.3" × 5.3" × 4.3") |
| Camera Weight | Approx. 370 g (0.8 lb.) |
| With Package Weight | Approx. 650 g (1.4 lb.) |
| Linkage Method | Upload to FTP/NAS/memory card, notify surveillance center, trigger record, trigger capture, send email Only -S model supports: audible warning, trigger alarm output, trigger alarm input |
| Firmware Version | V5.5.135 |
| 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, password reset via e-mail, pixel counter |
| Software Reset | Yes |
| 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); IC (ICES-003: Issue 6, 2016); 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); BIS (IS 13252(Part 1):2010+A1:2013+A2:2015); LOA (IEC/EN 60950-1) |
| Environment | CE-RoHS (2011/65/EU); WEEE (2012/19/EU); Reach (Regulation (EC) No 1907/2006) |
| Protection | IP67 (IEC 60529-2013), IK08 (IEC 62262:2002) |

▪ Available Model

DS-2CD2546G2-I (2.8/4 mm)

DS-2CD2546G2-IS (2.8/4 mm)

▪ Dimension



Unit: mm (inch)

- Accessory
- Optional

| DS-1275ZJ-SUS Vertical Pole Mount | DS-1272ZJ-120 Wall Mount | DS-1280ZJ-DM46 Junction Box |
|---|---|---|
|  |  |  |
|  |  |  |
| DS-1276ZJ-SUS Corner Mount | DS-1271ZJ-120 Pendant Mount | DS-1272ZJ-120B Wall Mount |
|  |  |  |
|  |  |  |



Distributed by

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