

DS-2CD2343G2-L

4 MP ColorVu Fixed Turret Network Camera

ColorVu



Hikvision ColorVu technology provides 24/7 vivid colorful images with F1.0 advanced lenses and high performance sensors. F1.0 super-aperture collects more light to produce brighter images. Advanced sensor technology can vastly improve the utilization of available light.

- High quality imaging with 4 MP resolution
- Efficient H.265+ compression technology
- Clear imaging against strong backlight due to 130 dB WDR technology
- Focus on human and vehicle targets classification based on deep learning
- 24/7 colorful imaging
- Water and dust resistant (IP67)



▪ Specification

| Camera | |
|------------------------|--|
| Image Sensor | 1/3"Progressive Scan CMOS |
| Max. Resolution | 2688 × 1520 |
| Min. Illumination | Color: 0.0005 Lux @ (F1.0, AGC ON), B/W: 0 Lux with white light |
| Shutter Time | 1/3 s to 1/100,000 s |
| Angle Adjustment | Pan: 0° to 360°, tilt: 0° to 75°, rotate: 0° to 360° |
| Lens | |
| Lens Type | Fixed focal lens, 2.8 optional |
| Focal Length & FOV | 2.8 mm, horizontal FOV 102°, vertical FOV 54°, diagonal FOV 121° |
| Lens Mount | M16 |
| Iris Type | Fixed |
| Aperture | F1.0 |
| Depth of Field | 2.8 mm, 2.5 m to ∞ |
| DORI | |
| DORI | 2.8 mm, D: 67 m, O: 26 m, R: 13 m, I: 6 m |
| Illuminator | |
| Supplement Light Type | White Light |
| Supplement Light Range | 30 m |
| Smart Supplement Light | Yes |
| Video | |
| Main Stream | 50 Hz: 25 fps (2688 × 1520, 1920 × 1080, 1280 × 720) 60 Hz: 30 fps (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.265+/H.264+ 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 |
| 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 |
| Network | |
| 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, WebSocket, WebSockets |
| 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 | 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+ Plug-in free live view: Chrome 57.0+, Firefox 52.0+ Local service: Chrome 57.0+, Firefox 52.0+ |
| Image | |
| Image Parameters Switch | Yes |
| Image Settings | Rotate mode, saturation, brightness, contrast, sharpness, gain, white balance adjustable by client software or web browser |
| Day/Night Switch | Auto, Schedule |
| Wide Dynamic Range (WDR) | 130 dB |
| SNR | ≥ 52 dB |
| Image Enhancement | BLC, HLC, 3D DNR |
| Interface | |
| Ethernet Interface | 1 RJ45 10 M/100 M self-adaptive Ethernet port |
| On-Board Storage | Built-in micro SD/SDHC/SDXC slot, up to 256 GB |
| Reset Key | Yes |

| Event | |
|----------------------------------|--|
| Basic Event | Motion detection (human and vehicle targets classification), video tampering alarm, exception |
| Smart Event | intrusion detection |
| Linkage | Upload to NAS/memory card/FTP, notify surveillance center, trigger recording, trigger capture, send email |
| General | |
| Power | 12 VDC \pm 25%, 0.55 A, max. 6.6 W, \varnothing 5.5 mm coaxial power plug, reverse polarity protection PoE: 802.3af, Class 3, 36 V to 57 V, 0.22 A to 0.13 A, max. 7.6 W |
| Material | Aluminum alloy body, except for trim ring |
| Dimension | \varnothing 138.3 mm \times 125.2 mm (\varnothing 5.4" \times 4.9") |
| Package Dimension | 170 mm \times 170 mm \times 150 mm (7" \times 7" \times 5.9") |
| Weight | Approx. 750 g (1.7 lb.) |
| With Package Weight | Approx. 1055 g (2.3 lb.) |
| Storage Conditions | -30 $^{\circ}$ C to 60 $^{\circ}$ C (-22 $^{\circ}$ F to 140 $^{\circ}$ F). Humidity 95% or less (non-condensing) |
| Startup and Operating Conditions | -30 $^{\circ}$ C to 60 $^{\circ}$ C (-22 $^{\circ}$ F to 140 $^{\circ}$ F). Humidity 95% or less (non-condensing) |
| 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 |
| Approval | |
| EMC | FCC SDoC (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 VoC (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, IEC 62368-1:2014); CE-LVD (EN 60950-1:2005 + Am 1:2009 + Am 2:2013, IEC 62368-1:2014); 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) |

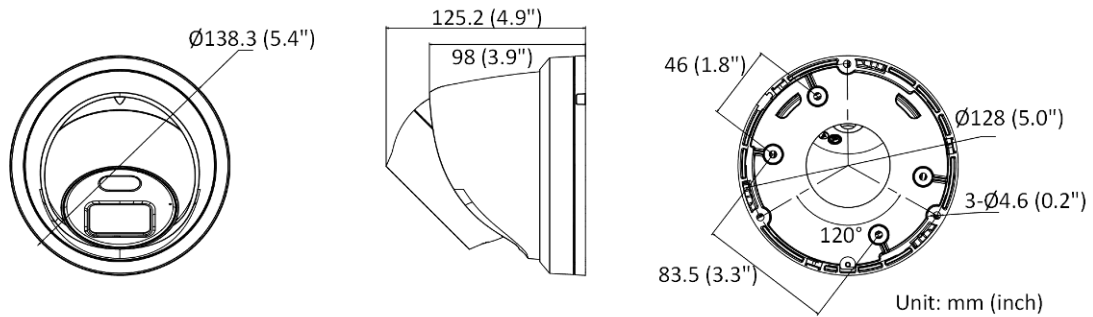
Protection

IP67 (IEC 60529-2013)

▪ **Available Model**

DS-2CD2343G2-L(2.8)

▪ **Dimension**



▪ **Accessory**

▪ **Optional**

| DS-1273ZJ-140B | DS-1273ZJ-140 | DS-1275ZJ-SUS | DS-1280ZJ-PT6 | DS-1276ZJ-SUS |
|----------------|---------------|---------------------|---------------|---------------|
| Wall Mount | Wall Mount | Vertical Pole Mount | Junction Box | Corner Mount |
| | | | | |
| | | | | |
| DS-1271ZJ-140 | | | | |
| Pendant Mount | | | | |
| | | | | |
| | | | | |



Distributed by

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