

**DS-2CD2347G2-LSU/SL (C) (Black)****4 MP ColorVu Strobe Light and Audible Warning Fixed Turret Network Camera**

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
- Active strobe light and audio alarm to warn intruders off
- Provide real-time security via built-in two-way audio
- Audio and alarm interface available
- Water and dust resistant (IP67)

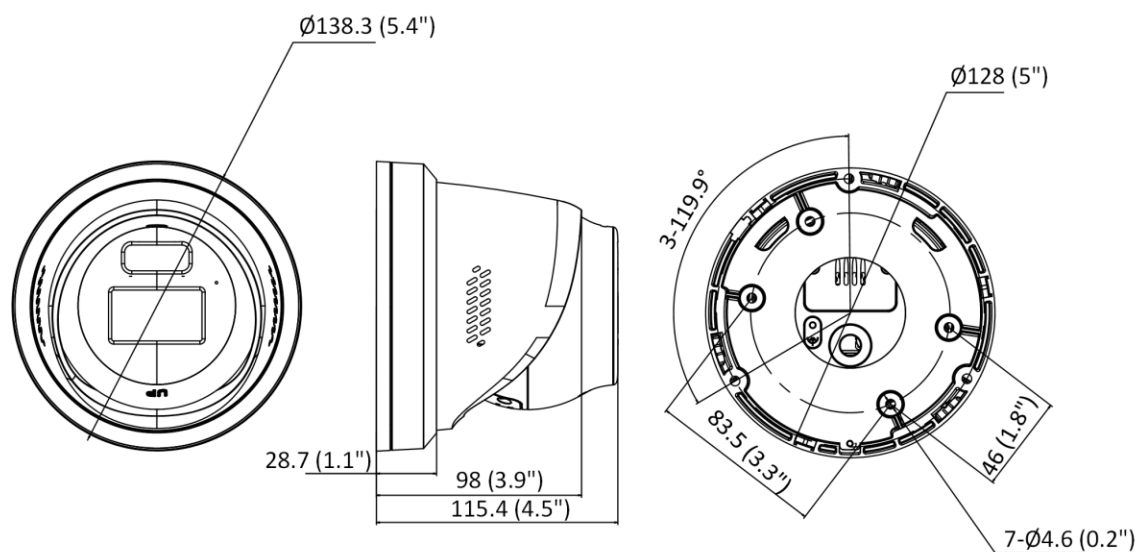
## ▪ Specification

| Camera                      |                                                                                                                                                                                      |
|-----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Image Sensor                | 1/1.8" Progressive Scan CMOS                                                                                                                                                         |
| Max. Resolution             | 2688 × 1520                                                                                                                                                                          |
| Min. Illumination           | Color: 0.0005 Lux @ (F1.0, AGC ON), 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                        |                                                                                                                                                                                      |
| Focal Length & FOV          | 2.8 mm, horizontal FOV 111.9°, vertical FOV 60.5°, diagonal FOV 133.6°<br>4 mm, horizontal FOV 95.2°, vertical FOV 50.6°, diagonal FOV 114.7°                                        |
| Lens Mount                  | M16                                                                                                                                                                                  |
| Iris Type                   | Fixed                                                                                                                                                                                |
| Aperture                    | F1.0                                                                                                                                                                                 |
| Depth of Field              | 2.8 mm: 3.1 m to ∞<br>4 mm: 5.4 m to ∞                                                                                                                                               |
| DORI                        |                                                                                                                                                                                      |
| DORI                        | 2.8 mm, D: 58.2 m, O: 23.1 m, R: 11.6 m, I: 5.8 m<br>4 mm, D: 77 m, O: 30.5 m, R: 15.4 m, I: 7.7 m                                                                                   |
| Illuminator                 |                                                                                                                                                                                      |
| Supplement Light Type       | White light                                                                                                                                                                          |
| Supplement Light Range      | Up to 30 m                                                                                                                                                                           |
| Smart Supplement Light      | Yes                                                                                                                                                                                  |
| Video                       |                                                                                                                                                                                      |
| Main Stream                 | 50 Hz: 25 fps (2688 × 1520, 1920 × 1080, 1280 × 720)<br>60 Hz: 30 fps (2688 × 1520, 1920 × 1080, 1280 × 720)                                                                         |
| Sub-Stream                  | 50 Hz: 25 fps (1280 × 720, 640 × 480, 640 × 360)<br>60 Hz: 30 fps (1280 × 720, 640 × 480, 640 × 360)                                                                                 |
| Third Stream                | 50 Hz: 10 fps (1920 × 1080, 1280 × 720, 640 × 480, 640 × 360)<br>60 Hz: 10 fps (1920 × 1080, 1280 × 720, 640 × 480, 640 × 360)<br>*Third stream is supported under certain settings. |
| Video Compression           | Main stream: H.265/H.264/H.265+/H.264+<br>Sub-stream: H.265/H.264/MJPEG<br>Third stream: H.265/H.264<br>*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.265 and H.264 encoding                                                                                                                                                             |
| Region of Interest (ROI)    | 1 fixed region for main stream and sub-stream                                                                                                                                        |
| Audio                       |                                                                                                                                                                                      |
| Audio Compression           | G.711ulaw/G.711alaw/G.722.1/G.726/MP2L2/PCM/MP3/AAC-LC                                                                                                                               |
| 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-LC)                                                    |
| Audio Sampling Rate         | 8 kHz/16 kHz/32 kHz/44.1 kHz/48 kHz                                                                                                                                                  |
| Environment Noise Filtering | Yes                                                                                                                                                                                  |

| 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          | NAS (NFS, SMB/CIFS), auto network replenishment (ANR), microSD/microSDHC/microSDXC card (512 GB) local storage<br>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<br>Plug-in free live view: Chrome 57.0+, Firefox 52.0+, Edge 89+<br>Local service: Chrome 57.0+, Firefox 52.0+, Edge 89+                                                                                                             |
| 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 memory card slot, support microSD/microSDHC/microSDXC card, up to 512 GB                                                                                                                                                                                             |
| Built-in Microphone      | Yes                                                                                                                                                                                                                                                                           |
| Built-in Speaker         | 1.2 W, 10 cm: 95 dB                                                                                                                                                                                                                                                           |
| Audio                    | 1 input (line in), two-core terminal block, max. input amplitude: 3.3 Vpp, input impedance: 4.7 KΩ, interface type: non-equilibrium<br>1 output (line out), two-core terminal block, max. output amplitude: 3.3 Vpp, output impedance: 100 Ω, interface type: non-equilibrium |
| Alarm                    | NA                                                                                                                                                                                                                                                                            |
| Reset Key                | Yes                                                                                                                                                                                                                                                                           |
| Event                    |                                                                                                                                                                                                                                                                               |
| Basic Event              | Motion detection (human and vehicle targets classification), video tampering alarm, exception                                                                                                                                                                                 |
| Smart Event              | Line crossing detection, intrusion detection, region entrance detection, region exiting detection (support alarm triggering by specified target types (human and vehicle))<br>Scene change detection                                                                          |
| Linkage                  | Upload to NAS/memory card/FTP, notify surveillance center, trigger recording, trigger capture, send email, strobe light, audible warning, trigger alarm output                                                                                                                |

| Deep Learning Function           |                                                                                                                                                                                                                                                                                                                                                         |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Face Capture                     | Yes                                                                                                                                                                                                                                                                                                                                                     |
| General                          |                                                                                                                                                                                                                                                                                                                                                         |
| Power                            | 12 VDC $\pm$ 25%, 0.54 A, max. 6.5 W, $\varnothing$ 5.5 mm coaxial power plug<br>PoE: 802.3af, Class 3, 36 V to 57 V, 0.22 A to 0.14 A, max. 8 W                                                                                                                                                                                                        |
| Dimension                        | $\varnothing$ 138.3 mm $\times$ 115.4 mm ( $\varnothing$ 5.4" $\times$ 4.5")                                                                                                                                                                                                                                                                            |
| Package Dimension                | 170 mm $\times$ 170 mm $\times$ 150 mm (6.7" $\times$ 6.7" $\times$ 5.9")                                                                                                                                                                                                                                                                               |
| Weight                           | Approx. 760 g (1.7 lb.)                                                                                                                                                                                                                                                                                                                                 |
| With Package Weight              | Approx. 1040 g (2.3 lb.)                                                                                                                                                                                                                                                                                                                                |
| 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)                                                                                                                                                                                                                                                                               |
| Language                         | 33 languages<br>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;<br>CE-EMC: EN 55032: 2015, EN 61000-3-2: 2014, EN 61000-3-3: 2013, EN 50130-4: 2011 +A1: 2014;<br>RCM: AS/NZS CISPR 32: 2015;<br>IC VoC: ICES-003: Issue 6, 2016;<br>KC: KN 32: 2015, KN 35: 2015                                                                                                                  |
| Safety                           | UL: UL 60950-1;<br>CB: IEC 60950-1:2005 + Am 1:2009 + Am 2:2013, IEC 62368-1:2014;<br>CE-LVD: EN 60950-1:2005 + Am 1:2009 + Am 2:2013, IEC 62368-1:2014;<br>LOA: IEC/EN 60950-1                                                                                                                                                                         |
| Environment                      | CE-RoHS: 2011/65/EU;<br>WEEE: 2012/19/EU;<br>Reach: Regulation (EC) No 1907/2006                                                                                                                                                                                                                                                                        |
| Protection                       | IP67: IEC 60529-2013                                                                                                                                                                                                                                                                                                                                    |

## ▪ Dimension



Unit: mm (inch)

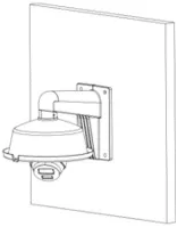
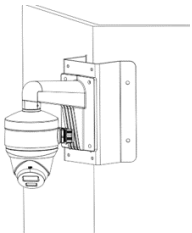
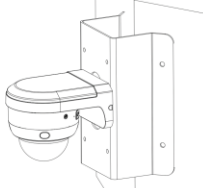
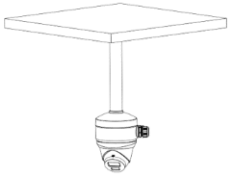
## ▪ Accessory

### ▪ Optional

| DS-1273ZJ-140B(BLACK)                                                               | DS-1275ZJ-SUS(BLACK)                                                                | DS-1273ZJ-140(BLACK)                                                                | DS-1276ZJ-SUS(BLACK)                                                                  | DS-1271ZJ-140(BLACK)                                                                  |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|  |  |  |  |  |
| DS-220AZJ-145-BA                                                                    | DS-1275ZJ-S-SUS(BLACK)                                                              | DS-1280ZJ-PT6(BLACK)                                                                | DS-1475ZJ-SUS(BLACK)                                                                  | DS-1476ZJ-SUS(BLACK)                                                                  |
|  |  |  |  |  |

## ▪ Installation Methods

| Wall Mounting                            | Wall Mounting                           | Wall Mounting    | Vertical Pole Mounting                     | Vertical Pole Mounting                  |
|------------------------------------------|-----------------------------------------|------------------|--------------------------------------------|-----------------------------------------|
| DS-1273ZJ-140B(BLACK)+DS-1253ZJ-L(Black) | DS-1273ZJ-140(BLACK)+DS-1253ZJ-L(Black) | DS-220AZJ-145-BA | DS-1275ZJ-SUS(Black)+DS-1273ZJ-140B(BLACK) | DS-1275ZJ-S-SUS(Black)+DS-220AZJ-145-BA |

|                                                                                          |                                                                                                                       |                                                                                   |                                                                                        |                                                                                     |
|------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|         |                                      |  |      |  |
| <b>Vertical Pole Mounting</b><br><b>DS-1475ZJ-SUS(Black)</b><br><b>+DS-220AZJ-145-BA</b> | <b>Corner Mounting</b><br><b>DS-1276ZJ-SUS(Black)</b><br><b>+DS-1273ZJ-140(BLACK)</b><br><b>+DS-1280ZJ-PT6(Black)</b> | <b>Corner Mounting</b><br><b>DS-1476ZJ-SUS(Black)</b><br><b>+DS-220AZJ-145-BA</b> | <b>Pendant Mounting</b><br><b>DS-1271ZJ-140(black)</b><br><b>+DS-1280ZJ-PT6(Black)</b> | <b>Junction Box</b><br><b>DS-1280ZJ-PT6(Black)</b>                                  |
|         |                                      |  |      |  |

# See Far, Go Further



[www.hikvision.com](http://www.hikvision.com)  
[support@hikvision.com](mailto:support@hikvision.com)

