

DS-2CD2087G2H-LIU/SL (Black)**8 MP Smart Hybrid Light with ColorVu Fixed Mini Bullet Network Camera**

Hikvision ColorVu technology provides 24/7 vivid colorful images with F1.0 advanced lenses, high performance sensors and friendly lighting. 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 8 MP resolution
- Smart Hybrid Light: advanced technology with long range
- Clear imaging against strong back light due to 130 dB WDR technology
- Efficient H.265+ compression technology
- Focus on human and vehicle classification based on deep learning
- Active strobe light and audio alarm to warn intruders off
- Provide real-time security via built-in two-way audio
- Support on-board storage up to 512 GB (SD card slot)
- Water and dust resistant (IP67)

▪ Specification

| Model | | DS-2CD2087G2H-LIU/SL (Black) |
|-------------|------------------------|---|
| Camera | Image Sensor | 1/1.8" Progressive Scan CMOS |
| | Max. Resolution | 3840 × 2160 |
| | Min. Illumination | Color: 0.0008 Lux @ (F1.0, AGC ON), 0 Lux with light |
| | Shutter Time | 1/3 s to 1/100,000 s |
| | Day & Night | IR cut filter |
| | Angle Adjustment | Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360° |
| Lens | Focal Length & FOV | 2.8 mm, horizontal FOV 104°, vertical FOV 55°, diagonal FOV 127° 4 mm, horizontal FOV 93°, vertical FOV 46°, diagonal FOV 112° 6 mm, horizontal FOV 57°, vertical FOV 30°, diagonal FOV 67° |
| | Lens Mount | M16 |
| | Iris Type | Fixed |
| | Aperture | F1.0 |
| | Depth of Field | 2.8 mm: 3.4 m to ∞ 4 mm: 3.8 m to ∞ 6 mm: 8.3 m to ∞ |
| | Lens Type | Fixed focal lens, 2.8, 4, and 6 mm optional |
| DORI | DORI | 2.8 mm: D: 91 m, O: 36 m, R: 18 m, I: 9 m 4 mm: D: 111 m, O: 44 m, R: 22 m, I: 11 m 6 mm: D: 169 m, O: 67 m, R: 33 m, I: 16 m |
| Illuminator | Smart Supplement Light | Yes |
| | IR Wavelength | 850 nm |
| | Supplement Light Type | IR, White Light |
| | Supplement Light Range | Up to 40 m |
| Video | Main Stream | 50 Hz: 25 fps (3840 × 2160, 3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720) 60 Hz: 24 fps (3840 × 2160) 30 fps (3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720) |
| | Sub-Stream | 50 Hz: 25 fps (1280 × 720, 640 × 480, 640 × 360) 60 Hz: 30 fps (1280 × 720, 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.265/H.264+/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 16 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 |
| Audio | Audio Type | Mono sound |
| | Audio Compression | G.711/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, RTCP, NTP, UPnP, SMTP, IGMP, 802.1X, QoS, IPv4, IPv6, UDP, Bonjour, SSL/TLS, PPPoE, SNMP, WebSocket, WebSockets, SRTP, SFTP |
| | Simultaneous Live View | Up to 6 channels |
| | API | Open Network Video Interface (Profile S, Profile G, Profile T), ISAPI, SDK, ISUP |
| | User/Host | Up to 32 users 3 user levels: administrator, operator, and user |
| | Security | Password protection, complicated password, HTTPS encryption, 802.1X authentication (EAP-TLS, EAP-LEAP, EAP-MD5), watermark, IP address filter, basic and digest authentication for HTTP/HTTPS, WSSE and digest authentication for Open Network Video Interface, RTP/RTSP over HTTPS, control timeout settings, security audit log, TLS 1.2, TLS 1.3, host authentication (MAC address) |
| | Network Storage | NAS (NFS, SMB/CIFS), Auto Network Replenishment (ANR) |
| | Client | iVMS-4200, Hik-Connect |
| | Web Browser | Plug-in required live view: IE 10, IE 11, Plug-in free live view: Chrome 57.0+, Firefox 52.0+, Edge 89+, 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 | Day, Night, Auto, Schedule |
| | Wide Dynamic Range (WDR) | 130 dB |

| | | |
|------------------------|----------------------------------|---|
| | SNR | ≥ 52 dB |
| | Image Enhancement | BLC,HLC,3D DNR,Defog |
| | Privacy Mask | 4 programmable polygon privacy masks |
| 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, 1 built-in microphone |
| | Built-in Speaker | Max. power consumption: 1.2 W, max. sound pressure level: 10 cm: 95 dB. |
| | Reset Key | Yes |
| Event | Basic Event | Motion detection (support alarm triggering by specified target types (human and vehicle)), video tampering alarm, exception |
| | Smart Event | Scene change detection |
| | Linkage | Upload to FTP/NAS/memory card, notify surveillance center, send email, trigger alarm output, trigger recording, trigger capture, audible warning, strobe light |
| Deep Learning Function | Face Capture | Yes |
| | Perimeter Protection | Line crossing, intrusion, region entrance, region exiting Support alarm triggering by specified target types (human and vehicle) |
| General | Package Dimension | 234 mm × 120 mm × 117 mm (9.2" × 4.7" × 4.6") |
| | Material | Metal |
| | Power | 12 VDC ± 25%, 0.7 A, max. 8.5 W, Ø5.5 mm coaxial power plug, reverse polarity protection, PoE: IEEE 802.3af, Class 3, max. 10 W |
| | Dimension | Ø74.4 mm × 179.2 mm (Ø2.9" × 7.1") |
| | Weight | Approx. 510 g (1.1 lb.) |
| | With Package Weight | Approx. 880 g (1.9 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: 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 |
| Approval | General Function | Heartbeat, mirror, flash log, password reset via email, pixel counter, anti-banding |
| | EMC | CE-EMC: EN 55032:2015+A1:2020, EN 50130-4:2011+A1:2014, EN IEC 61000-3-2:2019+A1:2021, EN 61000-3-3:2013+A1:2019+A2:2021, RCM: AS/NZS CISPR 32: 2015, IC: ICES-003: Issue 7, |

| | | |
|--|-------------|---|
| | | KC: KN32: 2015, KN35: 2015 |
| | Safety | UL: UL 62368-1, CB: IEC 62368-1:2014+A11, CE-LVD: EN 62368-1:2014/A11: 2017 |
| | Environment | CE-RoHS: 2011/65/EU |
| | Protection | IP67: IEC 60529-2013 |

▪ Typical Application

Hikvision products are classified into three levels according to their anti-corrosion performance. Refer to the following description to choose for your using environment.

This model has NO SPECIFIC PROTECTION.

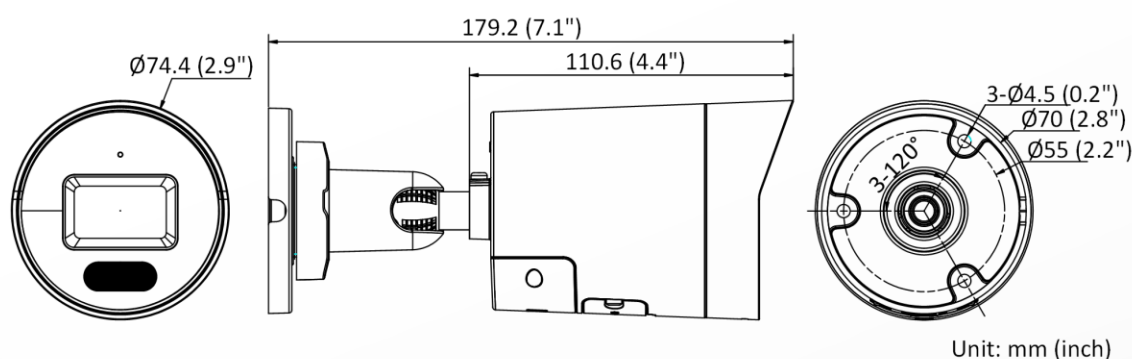
| Level | Description |
|------------------------|--|
| Top-level protection | Hikvision products at this level are equipped for use in areas where professional anti-corrosion protection is a must. Typical application scenarios include coastlines, docks, chemical plants, and more. |
| Moderate protection | Hikvision products at this level are equipped for use in areas with moderate anti-corrosion demands. Typical application scenarios include coastal areas about 2 kilometers (1.24 miles) away from coastlines, as well as areas affected by acid rain. |
| No specific protection | Hikvision products at this level are equipped for use in areas where no specific anti-corrosion protection is needed. |

▪ Available Model

DS-2CD2087G2H-LIU/SL(2.8)eF/BLACK

DS-2CD2087G2H-LIU/SL 2.8mm EF B PL(POL)

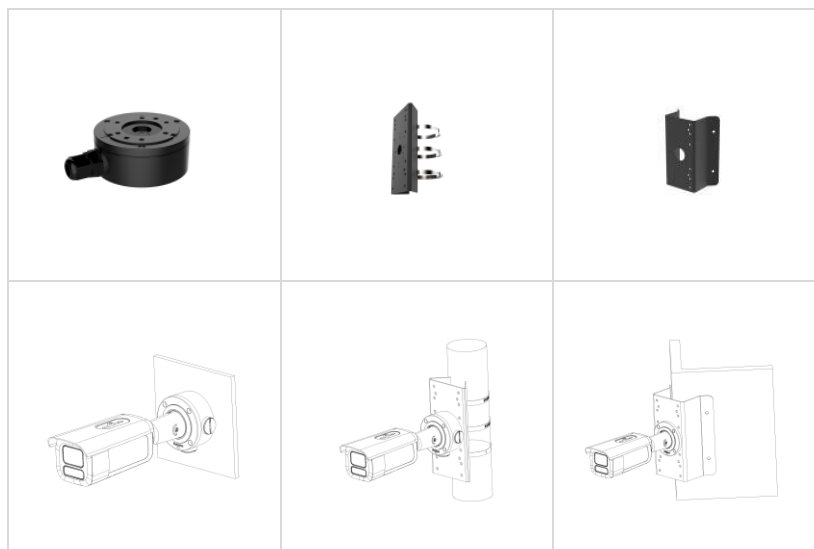
▪ Dimension



▪ Accessory

▪ Optional

| | | |
|---------------------|----------------------|----------------------|
| DS-1280ZJ-XS(Black) | DS-1275ZJ-SUS(Black) | DS-1276ZJ-SUS(Black) |
| Junction box | Vertical pole mount | Corner mount |



See Far, Go Further



www.hikvision.com
support@hikvision.com

