# DS-2CD30C7G3-LIU/SL(Y)

**12 MP AcuSense Strobe Light and Audible Warning Fixed Mini Bullet Network Camera**

AcuSense







Hikvision has been dedicated to develop products with security since established. Hikvision always follows security by design principle and has adopted many methods of security technologies into our product development lifecycle, including terminal security, data security, application security, network security, and privacy protection. In the meantime, the security technologies used by Hikvision are all in compliance with local applicable laws and safety regulations. These security measures could enhance product's cyber security protection capability and protect your devices as well as your data from malicious cyber attacks.

- UHD: 12 MP Ultra High Definition
- HIK AI-ISP for excellant noise reduction effect
- 24/7 colorful imaging
- Scene-adaptive WDR
- Focus on Person and Vehicle classification based on deep learning
- Built-in microphone for real-time audio security ;
- Provide real-time security via built-in two-way audio
- -Y: Anti-corrosion design, providing reliability and longevity compared to standard (NEMA4X)
- Smart Hybrid Light: Integrates IR and White lights, 3 supplemental lighting modes
- Water and dust resistant (IP67)
- Active strobe light and audio alarm to warn intruders off

## ▪ Specification

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|---|---|
| **Camera** | |
| Image Sensor | 1/1.8" Progressive Scan CMOS |
| Max. Resolution | 4608 × 2592 |
| Min. Illumination | Color: 0.0008 Lux @ (F1.6, AGC ON),0 Lux with light |
| Shutter Time | 1 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** | |
| Lens Mount | M16 |
| Focal Length & FOV | 2.8 mm, horizontal FOV 94.2°, vertical FOV 51.1°, diagonal FOV 110.2°<br>4 mm, horizontal FOV 73.1°, vertical FOV 40.2°, diagonal FOV 84.8°<br>6 mm, horizontal FOV 47°, vertical FOV 25.6°, diagonal FOV 54.6° |
| Iris Type | Fixed |
| Aperture | F1.6 |
| Depth of Field | 2.8 mm: 2.9 m to ∞<br>4 mm: 3.5 m to ∞<br>6 mm: 8.3 m to ∞ |
| Lens Type | Fixed focal lens, 2.8, 4, and 6 mm optional |
| **DORI** | |
| DORI | 2.8 mm, D: 117 m, O: 46 m, R: 23 m, I: 11 m<br>4 mm, D: 148 m, O: 59 m, R: 29 m, I: 14 m<br>6 mm, D: 236 m, O: 93 m, R: 47 m, I: 23 m |
| **Illuminator** | |
| Smart Supplement Light | Yes |
| Supplement Light Type | IR,White Light |
| IR Wavelength | 850 nm |
| Supplement Light Range | Up to 40 m |
| **Video** | |
| Main Stream | 50Hz：<br>20fps(4608 × 2592)<br>25fps(3840 × 2160, 2688 × 1520, 1920 × 1080, 1280 × 720)<br>60Hz：<br>20fps(4608 × 2592)<br>30fps(3840 × 2160, 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. |
| Fourth Stream | 50 Hz: 1 fps (1280 × 720, 640 × 480, 640 × 360)<br>60 Hz: 1 fps (1280 × 720, 640 × 480, 640 × 360)<br>*Fourth stream is supported under certain settings. |

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| Video Compression | Main stream: H.265/H.264/H.264+/H.265+,<br>Sub-stream: H.265/H.264/MJPEG,<br>Third stream: H.265/H.264,<br>Fourth stream: H.265/H.264/MJPEG, |
| Video Bit Rate | 32 Kbps to 24 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) | 5 fixed regions 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/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 | ONVIF (Profile S, Profile T, Profile G),ISAPI,SDK,ISUP |
| User/Host | Up to 32 users<br>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 1.1/1.2/1.3, host authentication (MAC address) |
| Network Storage | NAS (NFS, SMB/CIFS),Auto Network Replenishment (ANR) |
| Web Browser | Plug-in free live view: Chrome 91+, Firefox 88+, Edge 91+, Safari 13+<br>Local service: Chrome 91+, Firefox 88+, Edge 91+ |
| Client | iVMS-4200,Hik-Connect,Hik-Central |
| **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,Distortion Correction,Defog |
| Privacy Mask | 8 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 |

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| Built-in Speaker | Max. power consumption: 2 W, max. sound pressure level: 10 cm: 110 dB. |
| Audio | Built-in Microphone: Single-microphone |
| 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,audio exception 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<br>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 | Front cover: Metal, body: Metal, bracket: Metal |
| Power | 12 VDC ± 25%, 1.3 A, max. 15.6 W,Ø5.5 mm coaxial power plug,reverse polarity protection,<br>PoE: IEEE 802.3at, Class 4, max. 19 W |
| Weight | Approx. 525 g (1.2 lb.) |
| With Package Weight | Approx. 825 g (1.8 lb.) |
| Dimension | Ø74.4 mm × 176.3 mm (Ø2.9" × 6.9") |
| 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 |
| General Function | Heartbeat,mirror,flash log,password reset via email,pixel counter,anti-banding |
| Flashing Light | White Light |
| **Approval** | |
| 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 |
| Safety | CB: IEC 62368-1:2014+A11,<br>CE-LVD: EN 62368-1:2014/A11:2017 |
| Environment | CE-RoHS: 2011/65/EU,<br>WEEE: 2012/19/EU |
| Protection | IP67: IEC 60529-2013,IK10: IEC 62262:2002 |
| Anti-Corrosion Protection | NEMA 4X (NEMA 250-2018) |

## ▪ 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 MODERATE PROTECTION.

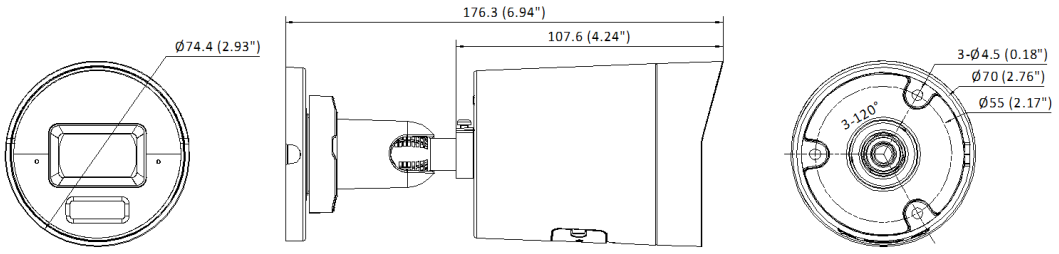
| Level | Description |
|---|---|

| | |
|---|---|
| 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-2CD30C7G3-LIUY/SL(2.8mm)
DS-2CD30C7G3-LIUY/SL(4mm)
DS-2CD30C7G3-LIUY/SL(6mm)
DS-2CD30C7G3-LIUY/SL(2.8mm)/BLACK
DS-2CD30C7G3-LIUY/SL(4mm)(BLACK)
DS-2CD30C7G3-LIUY/SL(6mm)(BLACK)

## ▪ Dimension



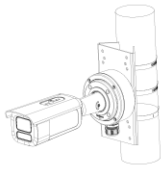
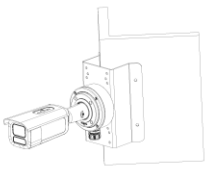
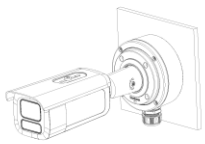

Unit: mm (inch)

## ▪ Accessory

## ▪ Optional

| DS-1275ZJ-SUS | DS-1276ZJ-SUS | DS-1280ZJ-XS |
| --- | --- | --- |
|  |  |  |

- **Installation Methods**

| Vertical Pole Mounting<br>DS-1275ZJ-SUS+DS-1280ZJ-XS | Corner Mounting<br>DS-1276ZJ-SUS+DS-1280ZJ-XS | Junction Box<br>DS-1280ZJ-XS |
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