

DS-2CD2T46G1-2I/4I

AcuSense 4 MP IR Fixed Bullet Network Camera



## Key Features

- Max. 2688 × 1520 @ 30fps
- 2.8 mm/4 mm/6 mm/8 mm fixed lens
- H.265+, H.264+, H.265, H.264
- 120dB WDR
- False alarm reduction by human and vehicle target classification based on deep learning
- Powered by Darkfighter
- 12 VDC & PoE (802.3at, class 4)
- IR range: Up to 50 m, 80 m, optional
- Support on-board storage, up to 128 GB
- IP67
- BLC/3D DNR/ROI
- Color: 0.007 Lux @ (F1.2, AGC ON), 0.012 Lux @ (F1.6, AGC ON)



## Specification

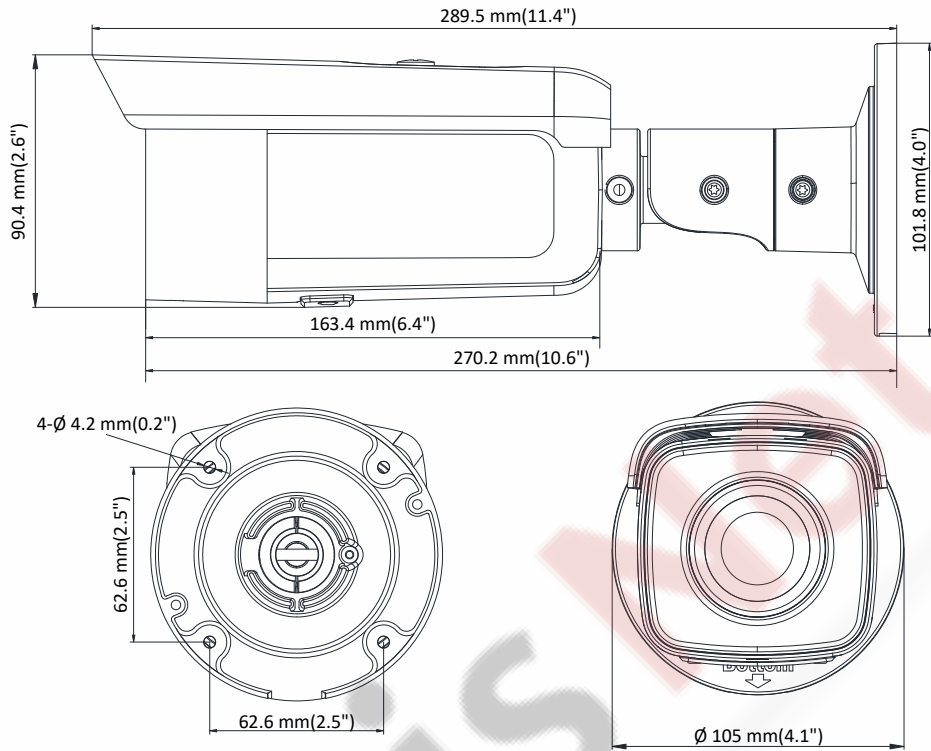
| <b>Camera</b>               |  |
|-----------------------------|--|
| Image Sensor                | 1/2.7" Progressive Scan CMOS   |
| Min. Illumination           | 0.007 Lux @ (F1.2, AGC ON), 0.012 Lux @ (F1.6, AGC ON)   |
| Shutter Speed               | 1/3 s to 1/100,000 s   |
| Slow Shutter                | Yes  |
| Focal length                | 2.8/4/6/8 mm   |
| Focus                       | Fixed  |
| Aperture                    | F1.6   |
| FOV                         | 2.8 mm, horizontal FOV: 104°, vertical FOV: 58°, diagonal FOV: 124°<br>4 mm, horizontal FOV: 83°, vertical FOV: 44°, diagonal FOV: 99°<br>6 mm, horizontal FOV: 51°, vertical FOV: 28°, diagonal FOV: 58°<br>8 mm, horizontal FOV: 39°, vertical FOV: 21°, diagonal FOV: 45° |
| Lens Mount                  | M12  |
| Day & Night                 | IR cut filter  |
| DNR                         | 3D DNR   |
| Wide Dynamic Range          | 120dB  |
| 3-Axis Adjustment           | Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°   |
| <b>Compression Standard</b> |  |
| Video Compression           | Main stream: H.265/H.264<br>Sub stream: H.265/H.264/MJPEG  |
| H.264 Type                  | Main Profile/High Profile  |
| H.264+                      | Main stream supports   |
| H.265 Type                  | Main Profile   |
| H.265+                      | Main stream supports   |
| Video Bit Rate              | 32 Kbps to 16 Mbps   |
| <b>Image</b>                |  |
| Max. Resolution             | 2688 × 1520  |
| Main Stream                 | 50Hz: 25fps (2688 × 1520, 1920 × 1080, 1280 × 720)<br>60Hz: 30fps (2688 × 1520, 1920 × 1080, 1280 × 720)   |
| Sub Stream                  | 50Hz: 25fps (704 × 576, 640 × 480, 352 × 288)<br>60Hz: 30fps (704 × 576, 640 × 480, 352 × 288)   |
| Image Enhancement           | BLC/3D DNR   |
| Image Settings              | Saturation, brightness, contrast, sharpness, AGC, white balance adjustable by client software or web browser   |
| ROI (Region of Interest)    | Support 1 fixed region for main stream and sub stream separately   |
| Day/Night Switch            | Day/Night/Auto/Schedule  |
| <b>Network</b>              |  |
| Network Storage             | Support micro SD/SDHC/SDXC card (128G) local storage, NAS (NFS/SMB/CIFS), ANR  |
| Alarm Trigger               | Tampering alarm, network disconnected, IP address conflict, illegal login, HDD full, HDD error   |
| Protocols                   | TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, UDP, Bonjour  |
| General Function            | One-key reset, anti-filter   |
| Firmware Version            | V5.5.72  |
| API                         | ONVIF (PROFILE S, PROFILE G), ISAPI  |

|                          |  |
|--------------------------|--|
| Simultaneous Live View   | Up to 6 channels   |
| User/Host                | Up to 32 users<br>3 levels: Administrator, Operator and User   |
| Client                   | iVMS-4200, Hik-Connect, iVMS-5200, iVMS-4500   |
| Web Browser              | IE8+, Chrome 31.0-44, Firefox 30.0-51, Safari 8.0+   |
| <b>Interface</b>         |  |
| Communication Interface  | 1 RJ45 10M/100M self-adaptive Ethernet port  |
| On-board Storage         | Built-in micro SD/SDHC/SDXC slot, up to 128 GB   |
| Reset Button             | Yes  |
| SVC                      | H.265 encoding and H.264 encoding support  |
| <b>Smart Feature-set</b> |  |
| Behavior Analysis        | Line crossing detection, intrusion detection, region entrance detection, region exit detection, false alarm reduction by human and vehicle target classification based on deep learning<br>When H265+, three streams or motion detection is enabled, the behavior analyses (including line crossing detection, intrusion detection, region entrance detection and region exiting detection) are not supported. |
| <b>General</b>           |  |
| Operating Conditions     | -30 °C to +50 °C (-22 °F to +122 °F), humidity 95% or less (non-condensing)  |
| Power Supply             | 12 VDC ± 25%, 5.5 mm coaxial power plug<br>PoE (802.3at, class 4)  |
| Power Consumption        | -2I:<br>12 VDC, 0.9 A, Max: 10.5 W<br>PoE: (802.3at, 42.5 V to 57 V), 0.3A to 0.1A, Max: 13 W<br>-4I:<br>12 VDC, 1.2 A, Max: 14 W<br>PoE: (802.3at, 42.5 V to 57 V), 0.4A to 0.2A, Max: 17 W   |
| IR Range                 | -2I: 2LEDs, up to 50 m<br>-4I: 4LEDs, up to 80 m   |
| Wavelength               | 850 nm   |
| Protection Level         | IP67   |
| Material                 | Front cover: metal, back cover: metal  |
| Dimensions               | Camera: $\Phi 105 \times 289.5$ mm ( $\Phi 4.1" \times 11.4"$ )  |
| Weight                   | Camera: 1100 g (2.4 lb.)<br>With package: 1600 g (3.5 lb.)   |

## Available Models

DS-2CD2T46G1-2I (2.8/4/6/8 mm), DS-2CD2T46G1-4I (2.8/4/6/8 mm)

**Dimensions**



**Accessories**

Distributed by



**DS-1275ZJ-SUS**  
Vertical pole mount



**DS-1260ZJ**  
Junction box



**DS-1276ZJ-SUS**  
Corner mount



**DS-1275ZJ-S-SUS**  
Vertical pole mount



**Headquarters**

No.555 Qianmo Road, Binjiang District,  
Hangzhou 310051, China  
T +86-571-8807-5998  
overseasbusiness@hikvision.com

**Hikvision USA**  
T +1-909-895-0400  
sales.usa@hikvision.com

**Hikvision Italy**  
T +39-0438-6902  
info.it@hikvision.com

**Hikvision Singapore**  
T +65-6684-4718  
sg@hikvision.com

**Hikvision Africa**  
T +27 (0) 0351172  
sale.africa@hikvision.com

**Hikvision Europe**  
T +31-23-55-42-770  
info.eu@hikvision.com

**Hikvision France**  
T +33(0)1-85-330-450  
info.fr@hikvision.com

**Hikvision Oceania**  
T +61-2-8599-4233  
salesau@hikvision.com

**Hikvision Hong Kong**  
T +852-2151-1761

**Hikvision Middle East**  
T +971-4-8816086  
salesme@hikvision.com

**Hikvision Spain**  
T +34-91-737-16-55  
info.es@hikvision.com

**Hikvision Canada**  
T +1-909-895-0400  
sales.usa@hikvision.com

**Hikvision Russia**  
T +7-495-669-67-99  
saleru@hikvision.com

**Hikvision Poland**  
T +48-22-460-01-50  
poland@hikvision.com

**Hikvision Korea**  
T +82-31-731-8841  
sales.korea@hikvision.com

**Hikvision India**  
T +91-22-28469900  
sales@pramahikvision.com

**Hikvision UK**  
T +01628-902140  
support.uk@hikvision.com

**Hikvision Brazil**  
T +55 11 3318-0050  
Latam.support@hikvision.com

**05057220190510**