

## DS-2CD1T43G0-I 4MP IR Bullet Network Camera



- 1/3" Progressive Scan CMOS
- Max 2560 × 1440 @ 20fps
- 4/6 mm fixed lens
- H.265+, H.265, H.264+, H.264
- 120 dB WDR
- Up to 50 m IR range
- IP67



## Specifications

| Camera                                                                                                    |                                                                                                                                                    |
|-----------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| Image Sensor                                                                                              | 1/3" Progressive Scan CMOS                                                                                                                         |
| Min. Illumination                                                                                         | Color: 0.028 Lux @ (F2.0, AGC ON), 0 Lux with IR                                                                                                   |
| Shutter Speed                                                                                             | 1/3 s to 1/100,000 s                                                                                                                               |
| Slow Shutter                                                                                              | Yes                                                                                                                                                |
| Wide Dynamic Range                                                                                        | 120 dB                                                                                                                                             |
| Day & Night                                                                                               | ICR Cut                                                                                                                                            |
| Angle Adjustment                                                                                          | Pan: 0° to 360°, tilt: 0° to 180°, rotate: 0° to 360°                                                                                              |
| Lens                                                                                                      |                                                                                                                                                    |
| Lens Type & FOV                                                                                           | 4 mm, horizontal FOV 75°, vertical FOV 41°, diagonal FOV 88°<br>6 mm, horizontal FOV 49°, vertical FOV 26°, diagonal FOV 57°                       |
| Aperture                                                                                                  | 4 mm F2.0; 6mm F1.6                                                                                                                                |
| Lens Mount                                                                                                | M12                                                                                                                                                |
| Illuminator                                                                                               |                                                                                                                                                    |
| IR Range                                                                                                  | 50 m                                                                                                                                               |
| Wavelength                                                                                                | 850 nm                                                                                                                                             |
| Smart Supplement Light                                                                                    | Yes                                                                                                                                                |
| Video                                                                                                     |                                                                                                                                                    |
| Max. Resolution                                                                                           | 2560 × 1440                                                                                                                                        |
| Main Stream                                                                                               | 50Hz: 20fps (2560 × 1440), 25fps (2304 × 1296, 1920 × 1080, 1280 × 720)<br>60Hz: 20fps (2560 × 1440), 30fps (2304 × 1296, 1920 × 1080, 1280 × 720) |
| Sub Stream                                                                                                | 50Hz: 25fps (640 × 480, 640 × 360, 320 × 240)<br>60Hz: 30fps (640 × 480, 640 × 360, 320 × 240)                                                     |
| Video Compression                                                                                         | Main Stream: H.265/H.264/H.264+/H.265+<br>Sub-stream: H.265/H.264 /MJPEG                                                                           |
| Video Bit Rate                                                                                            | 32 Kbps to 8 Mbps                                                                                                                                  |
| H.264 Type                                                                                                | Baseline Profile/Main Profile/High Profile                                                                                                         |
| H.265 Type                                                                                                | Main Profile                                                                                                                                       |
| Stream Type                                                                                               | Main stream/Sub-stream                                                                                                                             |
| Region of Interest (ROI)                                                                                  | 1 fixed region for main stream and sub-stream                                                                                                      |
| * Note: The frame rate of the sub-stream cannot exceed the maximum frame rate of the current main stream. |                                                                                                                                                    |
| Smart Feature-Set                                                                                         |                                                                                                                                                    |
| Simultaneous Live View                                                                                    | Up to 6 channels                                                                                                                                   |
| API                                                                                                       | ONVIF (PROFILE S, PROFILE G), ISAPI, SDK                                                                                                           |
| Protocols                                                                                                 | TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, UDP, Bonjour, SSL/TLS           |
| Smooth Streaming                                                                                          | Yes                                                                                                                                                |
| User/Host                                                                                                 | Up to 32 users. 3 user levels: administrator, operator and user                                                                                    |

|                                            |                                                                                                                                                                                                                                                                 |
|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Security                                   | Password protection, complicated password, HTTPS encryption, watermark, IP address filter, basic and digest authentication for HTTP/HTTPS, WSSE and digest authentication for ONVIF, RTP/RTSP OVER HTTPS, Control Timeout Settings, Security Audit Log, TLS 1.2 |
| Network Storage                            | NAS (NFS, SMB/CIFS)                                                                                                                                                                                                                                             |
| Client                                     | iVMS-4200, Hik-Connect, Hik-Central                                                                                                                                                                                                                             |
| Web Browser                                | IE8+, Chrome41.0-44, Firefox30.0-51, Safari8.0-11                                                                                                                                                                                                               |
| <b>Image</b>                               |                                                                                                                                                                                                                                                                 |
| Smart IR                                   | Yes                                                                                                                                                                                                                                                             |
| Day/Night Switch                           | Day, Night, Auto, Schedule                                                                                                                                                                                                                                      |
| Image Enhancement                          | BLC, HLC, 3D DNR                                                                                                                                                                                                                                                |
| Image Settings                             | Saturation, brightness, contrast, sharpness, AGC, white balance adjustable by client software or web browser                                                                                                                                                    |
| SNR                                        | ≥ 52 dB                                                                                                                                                                                                                                                         |
| <b>Interface</b>                           |                                                                                                                                                                                                                                                                 |
| Communication Interface                    | 1 RJ45 10M/100M self-adaptive Ethernet port                                                                                                                                                                                                                     |
| <b>Intelligent (Traditional Algorithm)</b> |                                                                                                                                                                                                                                                                 |
| Basic Event                                | Motion detection, video tampering alarm                                                                                                                                                                                                                         |
| <b>General</b>                             |                                                                                                                                                                                                                                                                 |
| Firmware Version                           | V5.5.84                                                                                                                                                                                                                                                         |
| Linkage Method                             | Upload to FTP, notify surveillance center, send email, trigger capture                                                                                                                                                                                          |
| Web Client Language                        | English, Russian, Italian, French, Polish, Spanish, Turkish, Portuguese                                                                                                                                                                                         |
| General Function                           | Anti-flicker, heartbeat, mirror, password protection, privacy masks, watermark, IP address filter                                                                                                                                                               |
| 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)                                                                                                                                                                                       |
| Power Supply                               | 12 VDC ± 25%, PoE: 802.3af, Type 1 Class 3, reverse polarity protection                                                                                                                                                                                         |
| Power Consumption and Current              | 12 VDC, 0.50 A, max. 6W<br>PoE (802.3af, 36 V to 57 V), 0.20 A to 0.10 A, max. 7 W                                                                                                                                                                              |
| Power Interface                            | Ø5.5 mm coaxial power plug                                                                                                                                                                                                                                      |
| Material                                   | Front cover & bracket: metal<br>Back cover & sun shield: plastic                                                                                                                                                                                                |
| Camera Dimension                           | 71.67 × 92.87 × 221.49 mm (2.82" × 3.65" × 8.72")                                                                                                                                                                                                               |
| Package Dimension                          | 234 × 120 × 117 mm (9.21" × 4.72" × 4.61")                                                                                                                                                                                                                      |
| Camera Weight                              | 500 g (1.10 lb.)                                                                                                                                                                                                                                                |
| With Package Weight                        | 670 g (1.48 lb.)                                                                                                                                                                                                                                                |
| <b>Approval</b>                            |                                                                                                                                                                                                                                                                 |
| Protection                                 | Ingress protection: IP67 (IEC 60529-2013)                                                                                                                                                                                                                       |
| EMC                                        | FCC (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); IC (ICES-003: Issue 6, 2016)                                                                                                      |

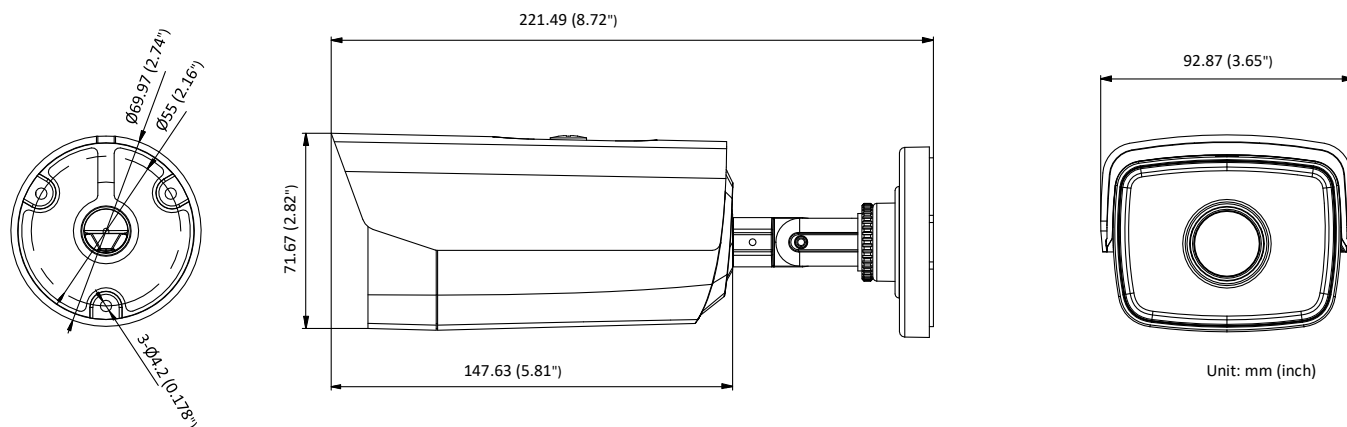
|             |                                                                                                                                                               |
|-------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Safety      | UL (UL 60950-1); CB (IEC 60950-1:2005 + Am 1:2009 + Am 2:2013); CE-LVD (EN 60950-1:2005 + Am 1:2009 + Am 2:2013); BIS (IS 13252(Part 1):2010+A1:2013+A2:2015) |
| Environment | CE-RoHS (2011/65/EU); WEEE (2012/19/EU); Reach (Regulation (EC) No 1907/2006)                                                                                 |

*\* Listed resolutions are only selectable options. It does not mean that all streams can work at their maximum resolution at the same time.*

## Available Model

DS-2CD1T43G0-I (4 mm, 6 mm)

## Dimension



## Accessory



**DS-1280ZJ-XS**  
Junction Box

Distributed by



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# Caja de Conexiones Plástica para Cámaras Tipo Bala o Domo

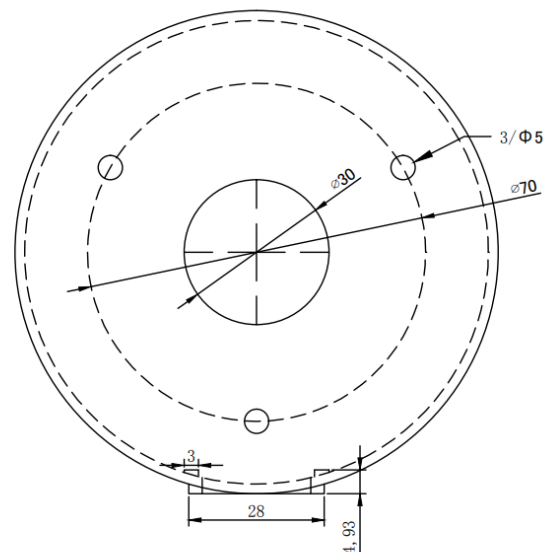
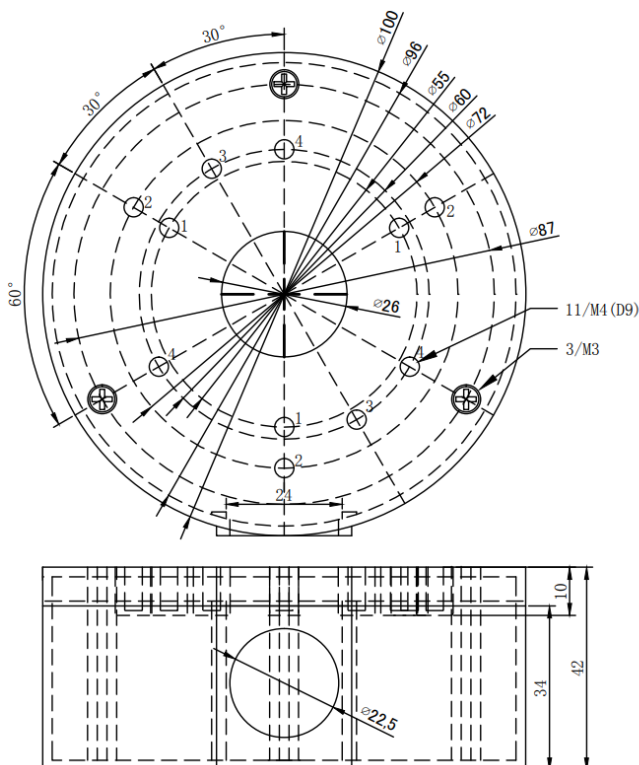
DS1280ZJXSP

## Características:

- Material: Plástico ABS.
- Dimensiones: diámetro 100 x 42 mm.
- Peso: 200 g.
- Carga Máxima: 4 kg.

## Notas:

- El soporte debe instalarse en pared plana.
- El caucho impermeable es necesario para la aplicación al aire libre.
- La pared debe ser capaz de soportar 3 veces más que el peso total de la cámara y el soporte.
- La capacidad máxima de carga del soporte es de 4 kg.



Acotado en mm.  
No elaborado a escala.