

DS-2CD1T23G0-I

DS-2CD1T23G0-I 4mm 2mp IR 50m Big Bullet IP CAMERA HIKVISION

- High quality imaging with 2 MP resolution
- Clear imaging against strong back light due to DWDR technology
- Efficient H.265+ compression technology
- Water and dust resistant (IP67)
- Easy installation with Power over Ethernet (PoE) technology
- 3D DNR technology delivers clean and sharp images

|                   |            |
|-------------------|------------|
| Type              | IP         |
| Megapixel         | 2 MP       |
| Objective         | Motionless |
| Focus             | 4 mm       |
| Lighting          | IR         |
| Lighting distance | 50 m       |
| Protection        | IP67       |
| Material          | Metal      |



| Camera             |                                                      |
|--------------------|------------------------------------------------------|
| Image Sensor       | 1/2.8" Progressive Scan CMOS                         |
| Min. Illumination  | Color: 0.028Lux @ (F2.0,AGC ON), 0 Luxwith IR        |
| Shutter Speed      | 1/3 s to 1/100,000 s                                 |
| Slow Shutter       | Yes                                                  |
| Wide Dynamic Range | Digital WDR                                          |
| 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 86°, vertical FOV 47°, diagonal FOV 103°<br><br>6mm, horizontal FOV 54°, vertical FOV 31°, diagonal F OV 63° |
| Aperture                 | F2.0                                                                                                                              |
| Lens Mount               | M12                                                                                                                               |
| Illuminator              |                                                                                                                                   |
| IR Range                 | 50 m                                                                                                                              |
| Wavelength               | 850 nm                                                                                                                            |
| Smart Supplement Light   | Yes                                                                                                                               |
| Video                    |                                                                                                                                   |
| Max. Resolution          | 1920 × 1080                                                                                                                       |
| Main Stream              | 50Hz: 25fps(1920 × 1080,1280 × 960, 1280 × 720)<br><br>60Hz: 30fps(1920 × 1080, 1280 × 960, 1280× 720)                            |
| Sub Stream               | 50Hz: 25fps(640 × 480,640 × 360, 320 × 240)<br><br>60Hz: 30fps(640 × 480,640 × 360, 320 × 240)                                    |
| Video Compression        | Main stream: H.265+/H.265/H.264+/H.264<br><br>Sub-stream: H.265/H.264/MJPEG                                                       |
| Video Bit Rate           | 32 Kbps to 8Mbps                                                                                                                  |
| 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 regionfor main streamand sub-stream                                                                                       |
| Network                  |                                                                                                                                   |
| Simultaneous Live View   | Up to 6 channels                                                                                                                  |
| API                      | ONVIF (PROFILE S, PROFILE G),ISAPI, SDK                                                                                           |
| Protocols                | TCP/IP, ICMP, HTTP,HTTPS, FTP,                                                                                                    |

|           |                                                                                                                                                                                                                                                                                  |  |
|-----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
|           | DHCP,DNS, RTP, RTSP,RTCP, NTP, IGMP,QoS, UDP                                                                                                                                                                                                                                     |  |
| User/Host | Up to 32 users. 3 user levels:<br>administrator, operator and user                                                                                                                                                                                                               |  |
| Security  | Password protection, complicated<br><br>password, HTTPS encryption, watermark, IP addressfilter, basic and digest authentication for HTTP/HTTPS, WSSE and digest authentication for ONVIF,RTP/RTSP<br><br>OVER HTTPS,Control Timeout Settings, Security Audit Log,TLS<br><br>1.2 |  |

|                                            |                                                                                                                                 |
|--------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| Client                                     | iVMS-4200, Hik-Connect, Hik-Central                                                                                             |
| Web Browser                                | IE8+, Chrome31.0-44, Firefox30.0-51, Safari8.0+                                                                                 |
| <b>Image</b>                               |                                                                                                                                 |
| Day/Night Switch                           | Day, Night,Auto, Schedule                                                                                                       |
| Image Enhancement                          | BLC, HLC,3D DNR                                                                                                                 |
| Image Settings                             | Rotate mode,saturation, brightness, contrast, sharpness, A GC, whitebalance<br><br>adjustable by client software or web browser |
| SNR                                        | > 50 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,exception (illegal login)                                                               |
| <b>General</b>                             |                                                                                                                                 |
| Firmware Version                           | V5.5.84                                                                                                                         |
| Linkage Method                             | Upload to FTP, notifysurveillance center, send email, trigger capture                                                           |
| Storage Conditions                         | -30 °C to 60 °C (-22 °F to 140 °F).<br><br>Humidity 95% or less(non-condensing)                                                 |

|                                  |                                                                                                                                                              |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Startup and Operating Conditions | -30 °C to 60 °C (-22°F to 140 °F).<br><br>Humidity 95% or less(non-condensing)                                                                               |
| Power Supply                     | 12 VDC ± 25%, PoE: 802.3af, Type 1 Class3, reverse polarity protection                                                                                       |
| Power Consumption and Current    | 12 VDC, 0.40 A, max. 4.8 W<br><br>PoE (802.3af, 36 V to 57 V), 0.20A to 0.10 A, max.6 W                                                                      |
| Power Interface                  | Ø5.5 mm coaxial powerplug                                                                                                                                    |
| Material                         | Front cover& bracket: metal<br><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                    | 540 g (1.19 lb.)                                                                                                                                             |
| With PackageWeight               | 810 g (1.79 lb.)                                                                                                                                             |
| <b>Approval</b>                  |                                                                                                                                                              |
| Protection                       | Ingression protection: IP67 (IEC 60529-2013)                                                                                                                 |
| EMC                              | FCC (47 CFR Part15, Subpart B);<br><br>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 (IEC60950-1:2005 + 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);  |