

## DS-2XS2T41G0-ID/4G/C04S05 4 MP Solar-powered Security Camera Setup



- Detects human body through passive infrared which is sensitive to body temperature (PIR)
- Standalone with built-in solar panel and battery
- High quality imaging with 4 MP resolution
- Efficient H.265+ compression technology
- Provide real-time security via built-in two-way audio
- Water and dust resistant (IP66)
- Support remote control with Hik-Connect APP



## ▪ Specification

| Camera                      |   |
|-----------------------------|---|
| Image Sensor                | 1/3" Progressive Scan CMOS  |
| Min. Illumination           | Color: 0.01 Lux @ (F1.6, AGC ON), B/W: 0 Lux with IR  |
| Max. Resolution             | 2688 × 1520   |
| Shutter Time                | 1/3 s to 1/100,000 s  |
| Day & Night                 | IR cut filter   |
| Lens                        |   |
| Lens Type                   | Fixed focal lens, 4, 6, 8 and 12 mm optional  |
| Iris Type                   | Fixed   |
| Aperture                    | F1.6  |
| Focal Length & FOV          | 4 mm, horizontal FOV 83.7°, vertical FOV 44°, diagonal FOV 99.5°<br>6 mm, horizontal FOV 51.8°, vertical FOV 27.9°, diagonal FOV 60.5°<br>8 mm, horizontal FOV 39.4°, vertical FOV 21.8°, diagonal FOV 45.7°<br>12 mm, horizontal FOV 24.6°, vertical FOV 14°, diagonal FOV 28.1° |
| Lens Mount                  | M12   |
| Illuminator                 |   |
| Supplement Light Range      | Performance mode: up to 30 m<br>Proactive mode: up to 10 m  |
| IR Wavelength               | 850 nm  |
| Smart Supplement Light      | Yes   |
| Video                       |   |
| Main Stream                 | 50 Hz: 12.5 fps (2688 × 1520, 1920 × 1080, 1280 × 720)<br>60 Hz: 15 fps (2688 × 1520, 1920 × 1080, 1280 × 720)  |
| Sub-Stream                  | 50 Hz: 12.5 fps (640 × 480, 640 × 360)<br>60 Hz: 15 fps (640 × 480, 640 × 360)  |
| Video Compression           | Main stream: H.265+(performance mode)/H.265/H.264+(performance mode)/ H.264<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  |
| Bit Rate Control            | CBR/VBR   |
| Region of Interest (ROI)    | 1 fixed region for main stream  |
| Audio                       |   |
| Audio Sampling Rate         | 8 kHz/16 kHz/32 kHz/44.1 kHz/48 kHz   |
| Environment Noise Filtering | Yes   |
| Audio Compression           | G.711/G.722.1/G.726/MP2L2/PCM/AAC/MP3   |
| 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)  |
| Network                     |   |
| Simultaneous Live View      | Up to 6 channels  |
| API                         | EZVIZ   |
| Protocols                   | TCP/IP, ICMP, HTTP, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, NTP, UPnP, SMTP, IGMP, QoS, IPv6, UDP, Bonjour, SSL/TLS  |
| User/Host                   | Up to 32 users. 3 user levels: administrator, operator and user   |

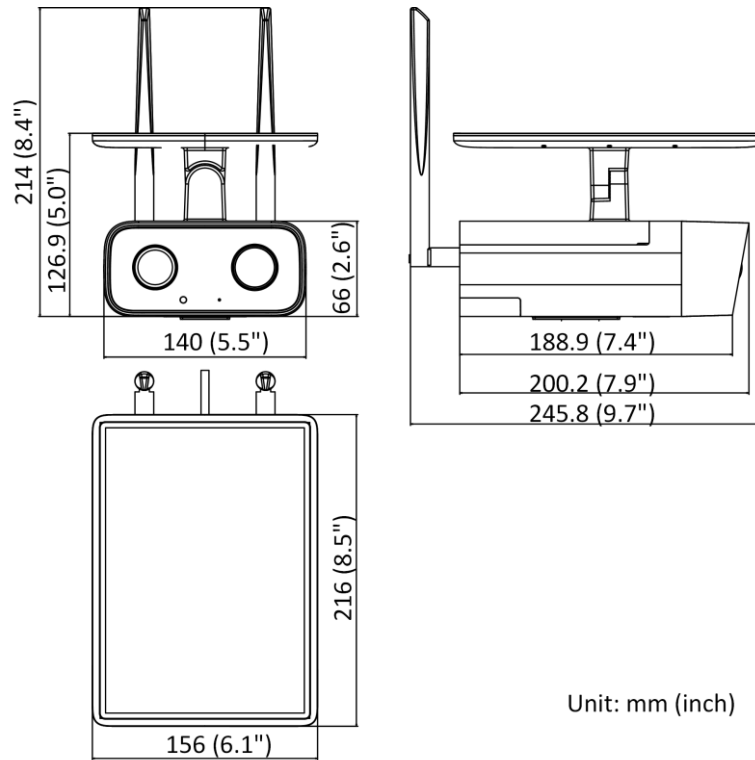
|                                  |   |
|----------------------------------|---|
| Network Storage                  | Auto network replenishment (ANR)  |
| Client                           | iVMS-4200, Hik-Connect, Hik-Central<br>Proactive mode: Hik-Connect  |
| Web Browser                      | Plug-in required live view: IE 10+<br>Plug-in free live view: Chrome 57.0+, Firefox 52.0+<br>Local service: Chrome 57.0+, Firefox 52.0+   |
| <b>Mobile Communication</b>      |   |
| Frequency                        | LTE-TDD: Band 38/40/41;<br>LTE-FDD: Band 1/3/5/7/8/20/28;<br>WCDMA: Band 1/5/8;<br>GSM: band 3/5/8  |
| Standard                         | LTE-TDD, LTE-FDD, WCDMA, GSM  |
| <b>Image</b>                     |   |
| Wide Dynamic Range (WDR)         | 120 dB  |
| Day/Night Switch                 | Day, Night, Auto, Schedule  |
| Image Enhancement                | BLC, HLC, 3D DNR, Defog, EIS, Distortion correction   |
| Image Settings                   | Rotate mode, saturation, brightness, contrast, sharpness, gain, white balance adjustable by client software or web browser  |
| <b>PIR</b>                       |   |
| PIR Range                        | Up to 10 m  |
| <b>Interface</b>                 |   |
| Ethernet Interface               | 1 RJ45 10 M/100 M self-adaptive Ethernet port   |
| On-Board Storage                 | Built-in memory card slot, support microSD/SDHC/SDXC/TF card, up to 256 GB<br>Built-in 8 GB eMMC storage (6 GB available for recording)   |
| Built-in Microphone              | Yes   |
| Built-in Speaker                 | Yes   |
| Reset Key                        | Yes   |
| <b>Event</b>                     |   |
| Basic Event                      | PIR, exception  |
| Linkage                          | Upload to memory card, notify surveillance center, audible warning, trigger recording, trigger capture, send email  |
| <b>General</b>                   |   |
| Power                            | Typical power scenarios: 1.85 W (4G working)<br>Standby scenarios: 40 mW<br>Max. power consumption: 4.8 W<br>Power supply: 5 VDC ± 10%, reverse polarity protection<br>Power supply interface: microUSB<br>Extended solar panel: Ø3.5 mm, 5 VDC |
| General Function                 | Anti-flicker, heartbeat, mirror, privacy mask, flash log, password reset via email, pixel counter   |
| Startup and Operating Conditions | 0 °C to 40 °C (32 °F to 104 °F), humidity 95% or less (non-condensing)  |
| Dimension                        | 245.8 mm × 156 mm × 214 mm (9.7" × 6.1" × 8.4")   |
| Package Dimension                | 730 mm × 722 mm × 285 mm (28.7" × 28.4" × 11.2")  |
| Weight                           | 4G model: approx. 1235 g (2.7 lb.)  |

|                       |   |
|-----------------------|---|
| With Package Weight   | 4G model: approx. 1890 g (4.2 lb.)  |
| PV Panel              | Dimension: 205.1 mm × 145.1 mm × 2.35 mm (8.1" × 5.7" × 0.1")<br>Standard output consumption: 5 W<br>Standard testing condition: AM = 1.5, 25 °C (77 °F), 1000 W/m <sup>2</sup> , SMQ + 12% |
| <b>Battery</b>        |   |
| Battery Type          | Ternary lithium   |
| Capacity              | 10 Ah   |
| Max. Charging Voltage | 4.25 V  |
| Operating Temperature | 0 °C to 50 °C (32 °F to 122 °F)<br>Charging Condition: 0 °C to 50 °C (32 °F to 122 °F) (deviation: ± 5 °C)<br>Discharging Condition: -20 °C to 60 °C (-4 °F to 140 °F) (deviation: ± 5 °C)  |
| Battery Voltage       | 3.0 V to 4.2 V  |
| Cycle Lifetime        | Low consumption real-time mode: 1 day (at the rate of one-hour alarm and half-hour remote live view per day)<br>Wakeup Mode: 7 days (at the rate of 1.67-hour remote live view per day)     |
| Battery Life          | More than 500 cycles  |
| Battery Weight        | Approx. 185 g (0.4 lb.)   |
| <b>Approval</b>       |   |
| RF                    | CE-RED (EN 301489-1 V2.1.1(BT or 2.4G); EN 301489-17 V3.1.1(BT or 2.4G); EN 300328 V2.1.1(BT or 2.4G); EN 62311:2008(BT or 2.4G))   |
| EMC                   | FCC (47 CFR Part 15, Subpart B)<br>CE-EMC (EN 55032: 2015, EN 61000-3-2: 2019, EN 61000-3-3: 2013+A1: 2019, EN 50130-4: 2011+A1: 2014)<br>RCM (AS/NZS CISPR 32: 2015)                       |
| Safety                | CE-LVD (EN 62368-1: 2014/A11: 2017)   |
| Protection            | IP66 (IEC 60529-2013)   |

### ▪ Available Model

DS-2XS2T41G0-ID/4G/C04S05 (4/6/8/12 mm)

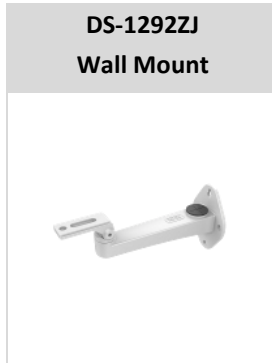
▪ **Dimension**



▪ **Accessory**

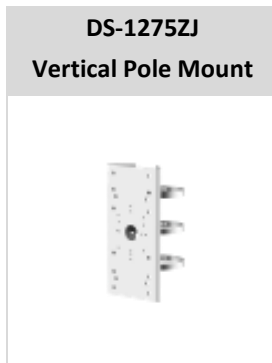
▪ **Included**

**DS-1292ZJ**  
**Wall Mount**



▪ **Optional**

**DS-1275ZJ**  
**Vertical Pole Mount**



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