

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° 6 mm, horizontal FOV 51.8°, vertical FOV 27.9°, diagonal FOV 60.5° 8 mm, horizontal FOV 39.4°, vertical FOV 21.8°, diagonal FOV 45.7° 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 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) 60 Hz: 15 fps (2688 × 1520, 1920 × 1080, 1280 × 720)
Sub-Stream	50 Hz: 12.5 fps (640 × 480, 640 × 360) 60 Hz: 15 fps (640 × 480, 640 × 360)
Video Compression	Main stream: H.265+(performance mode)/H.265/H.264+(performance mode)/ H.264 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 Proactive mode: Hik-Connect
Web Browser	Plug-in required live view: IE 10+ Plug-in free live view: Chrome 57.0+, Firefox 52.0+ Local service: Chrome 57.0+, Firefox 52.0+
Mobile Communication	
Frequency	LTE-TDD: Band 38/40/41; LTE-FDD: Band 1/3/5/7/8/20/28; WCDMA: Band 1/5/8; GSM: band 3/5/8
Standard	LTE-TDD, LTE-FDD, WCDMA, GSM
Image	
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
PIR	
PIR Range	Up to 10 m
Interface	
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 Built-in 8 GB eMMC storage (6 GB available for recording)
Built-in Microphone	Yes
Built-in Speaker	Yes
Reset Key	Yes
Event	
Basic Event	PIR, exception
Linkage	Upload to memory card, notify surveillance center, audible warning, trigger recording, trigger capture, send email
General	
Power	Typical power scenarios: 1.85 W (4G working) Standby scenarios: 40 mW Max. power consumption: 4.8 W Power supply: 5 VDC ± 10%, reverse polarity protection Power supply interface: microUSB 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") Standard output consumption: 5 W Standard testing condition: AM = 1.5, 25 °C (77 °F), 1000 W/m ² , SMQ + 12%
Battery	
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) Charging Condition: 0 °C to 50 °C (32 °F to 122 °F) (deviation: ± 5 °C) 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) 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.)
Approval	
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) CE-EMC (EN 55032: 2015, EN 61000-3-2: 2019, EN 61000-3-3: 2013+A1: 2019, EN 50130-4: 2011+A1: 2014) 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)

▪ Typical Application

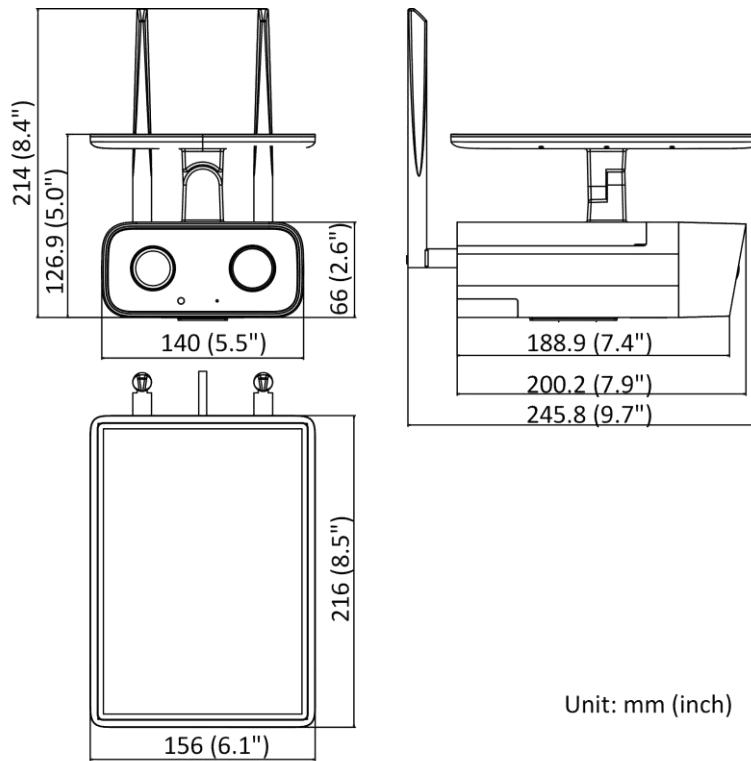
Hikvision products are classified into three levels according to their anti-corrosion performance. Refer to the following description to choose for your using environment.

This model has NO SPECIFIC 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.

▪ **Dimension**



Unit: mm (inch)

▪ **Accessory**

▪ **Included**

DS-1292ZJ
Wall Mount



▪ **Optional**

DS-1275ZJ
Vertical Pole Mount



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