

DS-2XS2T47G1-LDH/4G

4 MP ColorVu Solar-powered Security Camera Setup













Hikvision ColorVu technology provides 24/7 vivid colorful images with F1.0 advanced lenses, high performance sensors and friendly lighting. F1.0 super-aperture collects more light to produce brighter images. Advanced sensor technology can vastly improve the utilization of available light.

- High quality imaging with 4 MP resolution
- Standalone with solar panel and built-in battery
- 24/7 colorful imaging
- Support Human Detection
- Efficient H.265+ compression technology
- Provide real-time security via built-in two-way audio
- Water and dust resistant (IP67)
- Stability against category 12 typhoon
- Support 4G (LTE-TDD/LTE-FDD/TD-SCDMA) communication



Specification

Camera	
Image Sensor	1/3" Progressive Scan CMOS
Min. Illumination	Color: 0.0005 Lux @ (F1.0, AGC ON), 0 Lux with light
Max. Resolution	2560 × 1440
Shutter Time	1/3 s to 1/100,000 s
Day & Night	24/7 color imaging
Angle Adjustment	Solar panel: pan: 0° to 358°, tilt: -40° to 0°; camera: pan: 0° to 360°, tilt: -60° to 0°
Lens	
Lens Type	Fixed focal lens, 4 and 6 mm optional
Iris Type	Fixed
Aperture	F1.0
Depth of Field	4 mm: 2.7 m to ∞
Depth of Field	6 mm: 5.9 m to ∞
Focal Length & FOV	4 mm, Horizontal FOV: 75°, Vertical FOV: 40°, Diagonal FOV: 89°
rocal Leligtii & rov	6 mm, Horizontal FOV: 49°, Vertical FOV: 27°, Diagonal FOV: 57°
Lens Mount	M12
DORI	
DORI	4 mm, D: 82 m, O: 32 m, R: 16 m, I: 8 m
DOM	6 mm, D: 120 m, O: 47 m, R: 24 m, I: 12 m
Illuminator	
Supplement Light Type	White Light
Supplement Light Range	Performance mode: up to 30 m, proactive mode: up to 10 m
Smart Supplement Light	Yes
Video	
Main Stream	50 Hz: 12.5 fps (2560 × 1440, 1920 × 1080, 1280 × 720)
Wall Stream	60 Hz: 15 fps (2560 × 1440, 1920 × 1080, 1280 × 720)
Sub-Stream	50 Hz: 12.5 fps (1280 × 720, 640 × 480, 640 × 360)
Sub-Stream	60 Hz: 15 fps (1280 × 720, 640 × 480, 640 × 360)
	Main stream: H.265/ H.264,
Video Compression	Sub-stream: H.265/H.264/MJPEG,
	H.264+ and H.265+: main stream supports under performance mode
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
Scalable Video Coding (SVC)	H.264 and H.265 encoding
Region of Interest (ROI)	1 fixed region(s) for main stream
Audio	
Audio Sampling Rate	8 kHZ/16 kHz
Environment Noise Filtering	Yes
Audio Compression	G.711ulaw/G.711alaw/G.722.1/G.726/MP2L2/PCM/AAC-LC
Audio Bit Rate	64 Kbps (G.711 ulaw/G.711 alaw)/16 Kbps (G.722.1)/16 Kbps (G.726)/32~160 Kbps
	(MP2L2)/16~64 Kbps (AAC-LC)



Security TLS 1.1/1.2/1.3, WSSE and digest authentication for HTTP, TLS 1.1/1.2/1.3, WSSE and digest authentication for Open Network Video Interface Simultaneous Live View Up to 6 channels Open Network Video Interface (Profile S, Profile G, Profile T),ISAPI,SDK Protocols TCP/P, ICMP, HTTP, DHCP, DNS, RTP, RTSP, RTCP, NTP, IGMP, QoS, UDP User/Host Up to 32 users 3 user levels: administrator, operator, and user Network Storage Auto Network Replenishment (ANR) Client (IMS-4200,Hik-Connect,Hik-Central Plug-in required live view: E10+, Plug-in free live view: Chrome 57.0+, Firefox 52.0+, Local service: Chrome 57.0+, Firefox 52.0+ Ucal Service: Chrome 57.0+,	Network	
TLS 1.1/1.2/1.3, WSSE and digest authentication for Open Network Video Interface Protocols		Password protection, complicated password, basic and digest authentication for HTTP,
Simultaneous Live View Up to 6 channels API Open Network Video Interface (Profile S, Profile T),ISAPI,SDK Protocols TCP/IP, ICMP, HTTP, DHCP, DNS, RTP, RTCP, NTP, IGMP, QoS, UDP Up to 32 users 3 user levels: administrator, operator, and user Network Storage Auto Network Replenishment (ANR) Client iVMS-4200,Hik-Connect,Hik-Central 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+, Local service: Chrome 57.0+, Firefox 52.0+ Web Browser Plug-in free live view: Chrome 57.0+, Firefox 52.0+, Local service: Chrome 57.0+, Firefox 52.0+ Web Browser Plug-in free live view: Chrome 57.0+, Firefox 52.0+ Local service: Chrome 57.0+, Fire	Security	
API Popen Network Video Interface (Profile S, Profile G, Profile T),ISAPI,SDK Protocols TCP/IP, ICMP, HTTP, DHCP, DNS, RTP, RTSP, RTCP, NTP, IGMP, QoS, UDP User/Host Up to 32 user 3 user levels: administrator, operator, and user Network Storage Auto Network Replenishment (ANR) Client IVMS-4200,Hik-Connect,Hik-Central 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+, Local service: Chrome 57.0+, Firefox 52.0+ Mobile Communication Uplink and Downlink Data Rate SIM Card Type Micro SIM EU: LTE-TDD: 838/B40/B41 LTE-FDD: 838/B40 CSM: 83/B5/B8 GSM: 83/B5/B8 LA: Frequency LTE-TDD: 838/B40 LS: LTE-TDD: 838/B40 LS: LTE-FDD: 838/B40/B41 LTE-FDD: 838/B40/B41 LTE-FDD: 838/B40 LS: LTE-FDD: 838/B40 LS: LTE-FDD: 838/B40 SSM: 82/B3/B5/B8 GSM: 82/B3/B4/B5/B7/B8/B12/B17/B28/B66 WCDMA: 82/B4/B5/B1/B1/B28/B66 WCDMA: 82/B4/B5/B1/B1/B1/B28/B66 WCDMA: 82/B4/B5/B1/B1/B1/B28/B66 WCDMA: 82/B4/B5/B1/B1/B1/B28/B66 WCDMA: 82/B4/B5/B1/B1/B1/B1/B28/B66 WCDMA: 82/B4/B5/B1/B1/B1/B1/B28/B66 WCDMA: 82/B4/B5/B1/B1/B1/B1/B28/B66 WCDMA: 82/B4/B5/B1/B1/B1/B1/B1/B1/B1/B1/B1/B1/B1/B1/B1/	Simultaneous Live View	·
Protocols TCP/IP, ICMP, HTTP, DHCP, DNS, RTP, RTSP, RTCP, NTP, IGMP, QoS, UDP 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 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+	API	•
User/Host Up to 32 users 3 user levels: administrator, operator, and user Network Storage Auto Network Replenishment (ANR) Client I/VMS-4200,Hik-Connect,Hik-Central 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 Uplink and Downlink Data Rate Cat 4, uplink: 50 Mbps, downlink: 150 Mbps SIM Card Type Micro SIM EU:		· · · · · · · · · · · · · · · · · · ·
Ser/Host Suser levels: administrator, operator, and user		
Network Storage Auto Network Replenishment (ANR) Client iVMS-4200,Hik-Connect,Hik-Central Plug-in required live view: IE 10+, Web Browser Plug-in free live view: Chrome 57.0+, Firefox 52.0+, Local service: Chrome 57.0+, Firefox 52.0+ Debate of the contraction Uplink and Downlink Data Rate Cat 4, uplink: 50 Mbps, downlink: 150 Mbps SIM Card Type FU: LTE-TDD: B38/B40/B41 LTE-TDD: B1/B3/B5/B7/B8/B20/B28 WCDMA: B1/B5/B8 GSM: B3/B5/B8 LA: LTE-FDD: B1/B3/B5/B8/B20/B28 WCDMA: B1/B2/B3/B4/B5/B8/B2/B12/B17/B28/B66 WCDMA: B1/B2/B3/B4/B5/B8 GSM: B2/B3/B5/B8 GSM: B2/B3/B5/B8/B1/B1/B1/B1/B2/B1/B1/B2/B	User/Host	
Client IVMS-4200,Hik-Connect,Hik-Central Plug-in required live view: E10+, Plug-in required live view: E10+, Plug-in free live view: Chrome 57.0+, Firefox 52.0+, Local service: Chrome 57.0+, Firefox 52.0+ Mobile Communication Uplink and Downlink Data Rate SIM Gat 4, uplink: 50 Mbps, downlink: 150 Mbps SIM Card Type Micro SIM EU. EU. LTE-TDD: B3/8/40/841 LTE-FDD: B1/8/3/58/788/820/828 WCDMA: B1/85/88 GSM: B3/85/88 LA: Frequency LTE-TDD: B3/8/3/84/85/87/88/812/817/828/866 WCDMA: B1/82/83/84/85/87/88/812/817/828/866 WCDMA:B1/82/83/84/85/88 GSM: B2/83/85/88 GSM: B2/83/85/86 GSM: B2/83/85/88 GSM:	Network Storage	
Plug-in required live view: IE 10+, Plug-in free live view: Chrome 57.0+, Firefox 52.0+, Local service: Chrome 57.0+, Local service: Chrome 57.0+, Firefox 52.0+, Local service: Chrome 57.0+, Local service: Chrome 57.0+, Local service: Chr		
Web Browser Plug-in free live view: Chrome 57.0+, Firefox 52.0+, Local service: Chrome 57.0+, Firefox 52.0+ Mobile Communication Uplink and Downlink Data Rate Cat 4, uplink: 50 Mbps, downlink: 150 Mbps SIM Card Type Micro SIM EU:	Cheffe	· · · · · · · · · · · · · · · · · · ·
Local service: Chrome 57.0+, Firefox 52.0+ Mobile Communication	Web Provisor	
Mobile Communication Cat 4, uplink: 50 Mbps, downlink: 150 Mbps	Web blowsei	
Uplink and Downlink Data Rate SIM Card Type Micro SIM EU: LTE-TDD: 838/840/841 LTE-FDD: 81/83/85/788/820/828 WCDMA: 81/85/88 GSM: 83/85/88 LA: Frequency LTE-TDD: 838/840 LTE-FDD: 81/82/83/84/85/87/88/812/817/828/866 WCDMA: 81/82/83/84/85/88/840 LTE-FDD: 81/82/83/84/85/88/812/817/828/866 WCDMA: 81/82/83/84/85/88 GSM: 83/85/88 US: LTE-FDD: 81/82/83/84/85/88 GSM: 82/83/85/88 US: LTE-FDD: 82/84/85/812/813/817/866/871 WCDMA: 82/84/85 Standard ITE-TDD, LTE-FDD, WCDMA, GSM INTE-FDD: 82/84/85/812/813/817/866/871 WCDMA: 82/84/85 Wide Dynamic Range (WDR) Day/Night Switch Day/Night Switch Day, Night, Auto, Schedule Image Enhancement BLC, HLC, 3D DNR Image Settings Saturation, brightness, contrast, sharpness, gain, white balance, adjustable by client software or web browser Interface Interface Built-in eMMC storage, up to 64 GB, For eMMC storage, up to 64 GB, For eMMC storage, 50 GB is available for recording. Built-in Microphone Yes Built-in Microphone Yes Built-in Speaker Yes	Mahila Cammuniaatian	Local Service. Cili offie 37.0+, Filefox 32.0+
SIM Card Type EU: LTE-TDD: B38/B40/B41 LTE-FDD: B1/B3/B5/B7/B8/B20/B28 WCDMA: B1/B5/B8 GSM: B3/B5/B8 LA: LTE-TDD: B1/B2/B3/B4/B5/B7/B8/B12/B17/B28/B66 WCDMA:B1/B2/B3/B4/B5/B7/B8/B12/B17/B28/B66 WCDMA:B1/B2/B3/B4/B5/B8 GSM: B2/B3/B5/B8 US: LTE-FDD: B1/B2/B3/B4/B5/B8 GSM: B2/B3/B5/B8 US: LTE-FDD: B2/B4/B5/B12/B13/B17/B66/B71 WCDMA: B2/B4/B5 Standard LTE-TDD, LTE-FDD, WCDMA, GSM Image SNR ≥ 52 dB Wide Dynamic Range (WDR) Digital WDR Day/Night Switch Day, Night, Auto, Schedule Image Enhancement BLC, HLC, 3D DNR Image Settings Saturation, brightness, contrast, sharpness, gain, white balance, adjustable by client software or web browser Interface Interface Built-in eMMC storage, up to 64 GB, Built-in memory card slot, support microSD/microSDHC/microSDXC card, up to 256 GB, For eMMC storage, 50 GB is available for recording. Built-in Microphone Yes Built-in Speaker Yes Yes		0.44
EU: LTE-TDD: B38/B40/B41 LTE-FDD: B1/B3/B5/B8/B20/B28 WCDMA: B1/B5/B8 GSM: B3/B5/B8 LA: Frequency LTE-TDD: B1/B2/B3/B40 LTE-FDD: B1/B2/B3/B4/B5/B7/B8/B12/B17/B28/B66 WCDMA:B1/B2/B3/B4/B5/B8 GSM: B2/B3/B4/B5/B8 GSM: B2/B3/B5/B8 US: LTE-FDD: B2/B4/B5/B12/B13/B17/B66/B71 WCDMA: B2/B4/B5 Standard LTE-FDD: B2/B4/B5/B12/B13/B17/B66/B71 WCDMA: B2/B4/B5 STAN LTE-TDD, LTE-FDD, WCDMA, GSM Image SNR ≥ 52 dB Wide Dynamic Range (WDR) Digital WDR Day/Night Switch Day, Night, Auto, Schedule Image Enhancement BLC, HLC, 3D DNR Image Settings Saturation, brightness, contrast, sharpness, gain, white balance, adjustable by client software or web browser Interface Interface Built-in eMMC storage, up to 64 GB, For eMMC storage, 50 GB is available for recording. Built-in Microphone Yes Built-in Speaker Yes Reset Key Yes	•	
LTE-TDD: B3/B40/B41 LTE-FDD: B1/B3/B5/B7/B8/B20/B28 WCDMA: B1/B5/B8 GSM: B3/B5/B8 LA: Frequency LTE-TDD: B3/B3/B40B12/B17/B28/B66 WCDMA:B1/B2/B3/B4/B5/B8B12/B17/B28/B66 WCDMA:B1/B2/B3/B4/B5/B8 GSM: B2/B3/B4/B5/B8 GSM: B2/B3/B4/B5/B8 GSM: B2/B3/B4/B5/B8 GSM: B2/B3/B5/B8 US: LTE-FDD: B2/B4/B5/B12/B13/B17/B66/B71 WCDMA: B2/B4/B5 Standard LTE-FDD: B2/B4/B5/B12/B13/B17/B66/B71 WCDMA: B2/B4/B5 Standard LTE-FDD: B2/B4/B5/B12/B13/B17/B66/B71 WCDMA: B2/B4/B5 Standard LTE-FDD: B2/B4/B5/B12/B13/B17/B66/B71 WCDMA: B2/B4/B5 Standard LTE-FDD: B2/B4/B5/B12/B13/B17/B66/B71 WCDMA: B2/B4/B5 Standard LTE-FDD: B2/B4/B5/B12/B13/B17/B66/B71 WCDMA: B2/B4/B5 B2/B4/B5/B12/B13/B17/B66/B71 WCDMA: B2/B4/B5 B2/B13/B17/B66/B71 WCDMA: B2/B4/B5 B2/B4/B5/B12/B13/B17/B66/B71 WCDMA: B2/B4/B5/B12/B13/B17/B66/B71 WCDMA: B2/B4/B5/B12/B13/B17/B66/B71 WCDMA: B2/B4/B5/B12/B13/B17/B66/B71 WCDMA: B2/B4/B5/B12/B13/B17/B66/B71 WCDMA: B2/B4/B5/B12/B13/B17/B66/B71 WCDMA: B2/B4/B5/B12/B13/B17/B28/B66 WCDMA: B2/B4/B5/B12/B13/B17/B28/B66 WCDMA: B1/B2/B3/B4/B5/B12/B13/B17/B28/B66 WCDMA: B1/B2/B3/B4/B5/B12/B13/B17/B28/B66 WCDMA: B1/B2/B3/B4/B5/B12/B13/B12/B13/B12/B18/B66/B11/B12/B13/B13/B12/B13/B13/B12/B13/B12/B13/B13/B12/B13/B12/B13/B12/B13/B12/B13/B13/B12/B13/B12/B13/B13/B12/B13/B13/B12/B13/B13/B12/B13/B13/B12/B13/B13/B	SIM Card Type	
LTE-FDD: B1/B3/B5/B7/B8/B20/B28 WCDMA: B1/B5/B8 GSM: B3/B5/B8 LA: Frequency LTE-TDD: B38/B40 LTE-FDD: B1/B2/B3/B4/B5/B7/B8/B12/B17/B28/B66 WCDMA:B1/B2/B3/B4/B5/B8 GSM: B2/B3/B4/B5/B8 GSM: B2/B3/B4/B5/B8 GSM: B2/B3/B4/B5/B8 GSM: B2/B3/B4/B5/B8 GSM: B2/B3/B4/B5/B8 GSM: B2/B3/B4/B5/B8 GSM: B2/B3/B4/B5/B12/B13/B17/B66/B71 WCDMA: B2/B4/B5 Standard LTE-FDD: B2/B4/B5/B12/B13/B17/B66/B71 WCDMA: B2/B4/B5 STANDE S2 GB Wide Dynamic Range (WDR) Digital WDR Day/Night Switch Day, Night, Auto, Schedule Image Enhancement BLC, HLC, 3D DNR Image Settings Saturation, brightness, contrast, sharpness, gain, white balance, adjustable by client software or web browser Interface Built-in emmory card slot, support microSD/microSDMC card, up to 256 GB, For eMMC storage, up to 64 GB, Built-in memory card slot, support microSD/microSDMC card, up to 256 GB, For eMMC storage, 50 GB is available for recording. Built-in Speaker Yes Reset Key Yes		EU:
WCDMA: B1/B5/B8 GSM: B3/B5/B8 LA: Frequency LTE-TDD: B38/B40 LTE-FDD: B1/B2/B3/B4/B5/B7/B8/B12/B17/B28/B66 WCDMA:B1/B2/B3/B4/B5/B8 US: LTE-FDD: B2/B4/B5/B12/B13/B17/B66/B71 WCDMA: B2/B4/B5/B12/B13/B17/B66/B71 WCDMA: B2/B4/B5/B12/B13/B17/B66/B71 WCDMA: B2/B4/B5/B12/B13/B17/B66/B71 WCDMA: B2/B4/B5 Standard LTE-TDD, LTE-FDD, WCDMA, GSM ITE-TDD, LTE-FDD, WCDMA, GSM Wide Dynamic Range (WDR) Digital WDR Day/Night Switch Day, Night, Auto, Schedule Image Enhancement BLC, HLC, 3D DNR Image Settings Saturation, brightness, contrast, sharpness, gain, white balance, adjustable by client as oftware or web browser Interface Built-in eMMC storage, up to 64 GB, Dn-Board Storage Built-in memory card slot, support microSD/microSDHC/microSDXC card, up to 256 GB, For eMMC storage, 50 GB is available for recording. Built-in Microphone Yes Built-in Speaker Yes Reset Key Yes		LTE-TDD: B38/B40/B41
GSM: B3/B5/B8 LA: Frequency LTE-TDD: B38/B40 LTE-FDD: B1/B2/B3/B4/B5/B7/B8/B12/B17/B28/B66 WCDMA:B1/B2/B3/B4/B5/B8 GSM: B2/B3/B5/B8 US: LTE-FDD: B2/B4/B5/B12/B13/B17/B66/B71 WCDMA: B2/B4/B5 Standard LTE-TDD: LTE-FDD, WCDMA, GSM Image SNR ≥ 52 dB Wide Dynamic Range (WDR) Day/Night Switch Day, Night, Auto, Schedule Image Enhancement BLC, HLC, 3D DNR Saturation, brightness, contrast, sharpness, gain, white balance, adjustable by client software or web browser Interface Interface Built-in eMMC storage, up to 64 GB, Bror eMMC storage, up to 64 GB, For eMMC storage, 50 GB is available for recording. Built-in Microphone Yes Built-in Speaker Yes Reset Key Yes		LTE-FDD: B1/B3/B5/B7/B8/B20/B28
LA: LTE-TDD: B38/B40 LTE-FDD: B1/B2/B3/B4/B5/B7/B28/B66 WCDMA:B1/B2/B3/B4/B5/B8 GSM: B2/B3/B4/B5/B8 US: LTE-FDD: B2/B4/B5/B12/B13/B17/B66/B71 WCDMA: B2/B4/B5 Standard LTE-FDD: B2/B4/B5/B12/B13/B17/B66/B71 WCDMA: B2/B4/B5 Standard LTE-TDD, LTE-FDD, WCDMA, GSM Image SNR ≥ 52 dB Wide Dynamic Range (WDR) Digital WDR Day/Night Switch Day, Night, Auto, Schedule Image Enhancement BLC, HLC, 3D DNR lmage Settings Saturation, brightness, contrast, sharpness, gain, white balance, adjustable by client software or web browser Interface Built-in eMMC storage, up to 64 GB, Built-in memory card slot, support microSD/microSDMC card, up to 256 GB, For eMMC storage, 50 GB is available for recording. Built-in Speaker Reset Key Yes		WCDMA: B1/B5/B8
Frequency LTE-TDD: B38/B40 LTE-FDD: B1/B2/B3/B4/B5/B8/B12/B17/B28/B66 WCDMA:B1/B2/B3/B4/B5/B8 GSM: B2/B3/B5/B8 US: LTE-FDD: B2/B4/B5/B12/B13/B17/B66/B71 WCDMA: B2/B4/B5 Standard LTE-TDD, LTE-FDD, WCDMA, GSM IMage SNR ≥ 52 dB Wide Dynamic Range (WDR) Digital WDR Day/Night Switch Day, Night, Auto, Schedule Image Enhancement BLC, HLC, 3D DNR Image Settings Saturation, brightness, contrast, sharpness, gain, white balance, adjustable by client software or web browser Interface Built-in eMMC storage, up to 64 GB, Built-in memory card slot, support microSDHC/microSDXC card, up to 256 GB, For eMMC storage, 50 GB is available for recording. Built-in Microphone Yes Reset Key Yes		GSM: B3/B5/B8
LTE-FDD: B1/B2/B3/B4/B5/B8/B12/B17/B28/B66 WCDMA:B1/B2/B3/B4/B5/B8 GSM: B2/B3/B5/B8 US: LTE-FDD: B2/B4/B5/B12/B13/B17/B66/B71 WCDMA: B2/B4/B5 Standard LTE-TDD, LTE-FDD, WCDMA, GSM Image SNR ≥ 52 dB Wide Dynamic Range (WDR) Digital WDR Day/Night Switch Day, Night, Auto, Schedule Image Enhancement BLC, HLC, 3D DNR Image Settings Saturation, brightness, contrast, sharpness, gain, white balance, adjustable by client software or web browser Interface Built-in eMMC storage, up to 64 GB, Built-in memory card slot, support microSD/microSDHC/microSDXC card, up to 256 GB, For eMMC storage, 50 GB is available for recording. Built-in Speaker Reset Key Yes		LA:
WCDMA:B1/B2/B3/B4/B5/B8 GSM: B2/B3/B5/B8 US: LTE-FDD: B2/B4/B5/B12/B13/B17/B66/B71 WCDMA: B2/B4/B5 Standard LTE-TDD, LTE-FDD, WCDMA, GSM Image SNR ≥ 52 dB Wide Dynamic Range (WDR) Digital WDR Day/Night Switch Day, Night, Auto, Schedule Image Enhancement BLC, HLC, 3D DNR Image Settings Saturation, brightness, contrast, sharpness, gain, white balance, adjustable by client software or web browser Interface Built-in eMMC storage, up to 64 GB, Built-in memory card slot, support microSD/microSDHC/microSDXC card, up to 256 GB, For eMMC storage, 50 GB is available for recording. Built-in Speaker Yes Reset Key Yes	Frequency	LTE-TDD: B38/B40
GSM: B2/B3/B5/B8 US: LTE-FDD: B2/B4/B5/B12/B13/B17/B66/B71 WCDMA: B2/B4/B5 Standard LTE-TDD, LTE-FDD, WCDMA, GSM		LTE-FDD: B1/B2/B3/B4/B5/B7/B8/B12/B17/B28/B66
US: LTE-FDD: B2/B4/B5/B12/B13/B17/B66/B71 WCDMA: B2/B4/B5 Standard LTE-TDD, LTE-FDD, WCDMA, GSM Image SNR ≥ 52 dB Wide Dynamic Range (WDR) Digital WDR Day/Night Switch Day, Night, Auto, Schedule Image Enhancement BLC, HLC, 3D DNR Image Settings Saturation, brightness, contrast, sharpness, gain, white balance, adjustable by client software or web browser Interface Built-in eMMC storage, up to 64 GB, Built-in memory card slot, support microSD/microSDHC/microSDXC card, up to 256 GB, For eMMC storage, 50 GB is available for recording. Built-in Microphone Yes Built-in Speaker Yes Reset Key Yes		WCDMA:B1/B2/B3/B4/B5/B8
US: LTE-FDD: B2/B4/B5/B12/B13/B17/B66/B71 WCDMA: B2/B4/B5 Standard LTE-TDD, LTE-FDD, WCDMA, GSM Image SNR ≥ 52 dB Wide Dynamic Range (WDR) Digital WDR Day/Night Switch Day, Night, Auto, Schedule Image Enhancement BLC, HLC, 3D DNR Image Settings Saturation, brightness, contrast, sharpness, gain, white balance, adjustable by client software or web browser Interface Built-in eMMC storage, up to 64 GB, Built-in memory card slot, support microSD/microSDHC/microSDXC card, up to 256 GB, For eMMC storage, 50 GB is available for recording. Built-in Microphone Yes Built-in Speaker Yes Reset Key Yes		GSM: B2/B3/B5/B8
Standard LTE-TDD, LTE-FDD, WCDMA, GSM Image SNR ≥ 52 dB Wide Dynamic Range (WDR) Digital WDR Day/Night Switch Day, Night, Auto, Schedule Image Enhancement BLC, HLC, 3D DNR Image Settings Saturation, brightness, contrast, sharpness, gain, white balance, adjustable by client software or web browser Interface On-Board Storage Built-in eMMC storage, up to 64 GB, Built-in memory card slot, support microSD/microSDHC/microSDXC card, up to 256 GB, For eMMC storage, 50 GB is available for recording. Built-in Microphone Yes Built-in Speaker Yes Reset Key Yes		
Standard LTE-TDD, LTE-FDD, WCDMA, GSM Image SNR ≥ 52 dB Wide Dynamic Range (WDR) Digital WDR Day/Night Switch Day, Night, Auto, Schedule Image Enhancement BLC, HLC, 3D DNR Image Settings Saturation, brightness, contrast, sharpness, gain, white balance, adjustable by client software or web browser Interface On-Board Storage Built-in eMMC storage, up to 64 GB, Built-in memory card slot, support microSD/microSDHC/microSDXC card, up to 256 GB, For eMMC storage, 50 GB is available for recording. Built-in Microphone Yes Built-in Speaker Yes Reset Key Yes		LTE-FDD: B2/B4/B5/B12/B13/B17/B66/B71
Standard LTE-TDD, LTE-FDD, WCDMA, GSM Image SNR ≥ 52 dB Wide Dynamic Range (WDR) Digital WDR Day/Night Switch Day, Night, Auto, Schedule Image Enhancement BLC, HLC, 3D DNR Image Settings Saturation, brightness, contrast, sharpness, gain, white balance, adjustable by client software or web browser Interface Built-in eMMC storage, up to 64 GB, Built-in memory card slot, support microSD/microSDHC/microSDXC card, up to 256 GB, For eMMC storage, 50 GB is available for recording. Built-in Microphone Yes Built-in Speaker Yes Reset Key Yes		
Image SNR ≥ 52 dB Wide Dynamic Range (WDR) Digital WDR Day/Night Switch Day, Night, Auto, Schedule Image Enhancement BLC, HLC, 3D DNR Image Settings Saturation, brightness, contrast, sharpness, gain, white balance, adjustable by client software or web browser Interface Built-in eMMC storage, up to 64 GB, Built-in memory card slot, support microSD/microSDHC/microSDXC card, up to 256 GB, For eMMC storage, 50 GB is available for recording. Built-in Microphone Yes Built-in Speaker Yes Reset Key Yes	Standard	· · ·
SNR ≥ 52 dB Wide Dynamic Range (WDR) Digital WDR Day/Night Switch Day, Night, Auto, Schedule Image Enhancement BLC, HLC, 3D DNR Image Settings Saturation, brightness, contrast, sharpness, gain, white balance, adjustable by client software or web browser Interface Built-in eMMC storage, up to 64 GB, Built-in memory card slot, support microSD/microSDHC/microSDXC card, up to 256 GB, For eMMC storage, 50 GB is available for recording. Built-in Speaker Yes Reset Key Yes		
Wide Dynamic Range (WDR)Digital WDRDay/Night SwitchDay, Night, Auto, ScheduleImage EnhancementBLC, HLC, 3D DNRImage SettingsSaturation, brightness, contrast, sharpness, gain, white balance, adjustable by client software or web browserInterfaceBuilt-in eMMC storage, up to 64 GB, Built-in memory card slot, support microSD/microSDHC/microSDXC card, up to 256 GB, For eMMC storage, 50 GB is available for recording.Built-in MicrophoneYesBuilt-in SpeakerYesReset KeyYes		> 52 dB
Day/Night Switch Image Enhancement BLC, HLC, 3D DNR Image Settings Saturation, brightness, contrast, sharpness, gain, white balance, adjustable by client software or web browser Interface Built-in eMMC storage, up to 64 GB, Built-in memory card slot, support microSD/microSDHC/microSDXC card, up to 256 GB, For eMMC storage, 50 GB is available for recording. Built-in Speaker Yes Reset Key Yes		
Image EnhancementBLC, HLC, 3D DNRImage SettingsSaturation, brightness, contrast, sharpness, gain, white balance, adjustable by client software or web browserInterfaceBuilt-in eMMC storage, up to 64 GB, Built-in memory card slot, support microSD/microSDHC/microSDXC card, up to 256 GB, For eMMC storage, 50 GB is available for recording.Built-in MicrophoneYesBuilt-in SpeakerYesReset KeyYes		
Image Settings Saturation, brightness, contrast, sharpness, gain, white balance, adjustable by client software or web browser Interface Built-in eMMC storage, up to 64 GB, Built-in memory card slot, support microSD/microSDHC/microSDXC card, up to 256 GB, For eMMC storage, 50 GB is available for recording. Built-in Microphone Yes Built-in Speaker Yes Reset Key Yes	· -	
Interface Built-in eMMC storage, up to 64 GB, Built-in memory card slot, support microSD/microSDHC/microSDXC card, up to 256 GB, For eMMC storage, 50 GB is available for recording. Built-in Microphone Yes Built-in Speaker Yes Reset Key Yes	illiage cilliancement	
Built-in eMMC storage, up to 64 GB, On-Board Storage Built-in memory card slot, support microSD/microSDHC/microSDXC card, up to 256 GB, For eMMC storage, 50 GB is available for recording. Built-in Microphone Yes Built-in Speaker Yes Reset Key Yes	Image Settings	
Built-in eMMC storage, up to 64 GB, Built-in memory card slot, support microSD/microSDHC/microSDXC card, up to 256 GB, For eMMC storage, 50 GB is available for recording. Built-in Microphone Yes Built-in Speaker Yes Reset Key Yes		software or web browser
On-Board Storage Built-in memory card slot, support microSD/microSDXC card, up to 256 GB, For eMMC storage, 50 GB is available for recording. Built-in Microphone Yes Built-in Speaker Yes Reset Key Yes	Interface	
For eMMC storage, 50 GB is available for recording. Built-in Microphone Yes Built-in Speaker Yes Reset Key Yes	_	
Built-in Microphone Yes Built-in Speaker Yes Reset Key Yes		
Built-in Speaker Yes Reset Key Yes		-
Reset Key Yes		Yes
·	Built-in Speaker	Yes
Ethernet Interface 1, RJ-45 10/100Mbps self-adaptive Ethernet interface	Reset Key	Yes
	Ethernet Interface	1, RJ-45 10/100Mbps self-adaptive Ethernet interface



Event	
Basic Event Linkage	Motion detection, video tampering alarm, network disconnected, IP address conflict,
	illegal login, HDD full, HDD error
	Upload to NAS/memory card, notify surveillance center, audible warning, trigger
Canamal	recording, trigger capture
General	
	Power Consumption and Current:
	Typical power scenarios: 1.85 W (4G working)
	Standby scenarios: 40 mW
	Max. power consumption: 6 W
	Power Supply:
Power	12 VDC ± 25%
	*For debugging only
	40 W (deviation: ± 2 W) Solar panels
	Power Interface:
	Power supply interface: Ø5.5 mm coaxial power plug
	Extened solar panel: four-core aviation connector
Material	ADC12
Storage Conditions	-20 °C to 50 °C (-4 °F to 122 °F). Humidity 95% or less (non-condensing)
	33 languages: English, Russian, Estonian, Bulgarian, Hungarian, Greek, German, Italian,
Language	Czech, Slovak, French, Polish, Dutch, Portuguese, Spanish, Romanian, Danish, Swedish,
Language	Norwegian, Finnish, Croatian, Slovenian, Serbian, Turkish, Korean, Traditional Chinese,
	Thai, Vietnamese, Japanese, Latvian, Lithuanian, Portuguese (Brazil), Ukrainian
General Function	Heartbeat, mirror, flash log
Startup and Operating	20 °C to F0 °C / 4 °F to 422 °F \ 11 model to 0F0 / colored / colored and colored
Conditions	-20 °C to 50 °C (-4 °F to 122 °F). Humidity 95% or less (non-condensing)
Dimension	679 mm × 443 mm × 760 mm (26.7" × 17.4" × 29.9")
Package Dimension	910 mm × 350 mm × 450 mm (35.8" × 13.8" × 17.7")
Weight	Approx. 11.570 kg (25.5 lb.)
With Package Weight	Approx. 16.21 kg (35.7 lb.)
Battery	
Battery Type	Ternary Lithium
Capacity	8.4 Ah × 2 packs
Max. Charging Voltage	12.6 V
Operating Temperature	Charging: -20°C to 45 °C (-4 °F to 113 °F)
	Discharging: -20 °C to 55 °C (-4 °F to 131 °F)
Battery Voltage	9 V to 12.6 V
Cycle Lifetime	Performance mode: 3.6 days,
	Proactive mode: 6 days,
	Standby mode: 30 days
Battery Life	More than 500 cycles
Battery Weight	Approx. 1400 g (3.1 lb.)



Approval	
RF	FCC ID: FCC Part 15.247 (BT or 2.4G), IC ID (RSS-247(BT or 2.4G)),
	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) *FCC certification is only for the device sold in the North American region and the Latin
	American region. IC certification is only for the device sold in the North American region. CE certification is only for the device sold in the European region.
	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,
EMC	RCM: AS/NZS CISPR 32: 2015,
LIVIC	IC: ICES-003: Issue 7,
	*FCC certification is only for the device sold in the North American region and the Latin
	American region. IC certification is only for the device sold in the North American
	region. CE and RCM certifications are only for the device sold in the European region.
Safety	CB: IEC 62368-1: 2014+A11,
	CE-LVD: EN 62368-1: 2014/A11: 2017,
	LOA: IEC/EN 60950-1,
	*CE and LOA certifications are only for the device sold in the European region.
Environment	CE-RoHS: 2011/65/EU,
	WEEE: 2012/19/EU,
	Reach: Regulation (EC) No 1907/2006,
	*CE certification is only for the device sold in the European region.
Protection	IP67: IEC 60529-2013

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.

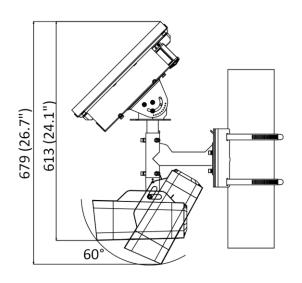
Level	Description
Top-level protection	Hikvision products at this level are equipped for use in areas where professional anti- corrosion protection is a must. Typical application scenarios include coastlines, docks, chemical plants, and more.
Moderate protection	Hikvision products at this level are equipped 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.

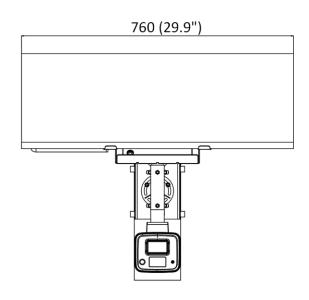


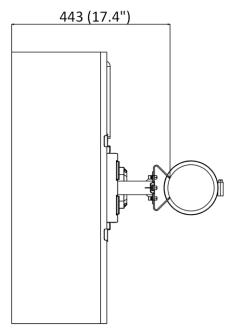
Available Model

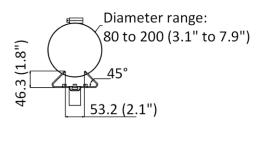
DS-2XS2T47G1-LDH/4G/C18S40 (4/6 mm)

Dimension









Camera Direction

Unit: mm (inch)

Headquarters

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

Follow us on social media to get the latest product and solution information.



in Hikvision



HikvisionHQ



HikvisionHQ





