

DS-2XS2T41G1-ID/4G 4 MP Solar-powered Security Camera Setup











- High quality imaging with 4 MP resolution
- Standalone with solar panel and built-in battery
- Support human and vehicle detection
- Provide real-time security via built-in two-way audio
- Water and dust resistant (IP67)
- Support 4G (LTE-TDD/LTE-FDD/TD-SCDMA) communication



Specification

Image Sensor 1/3* Progressive Scan CMOS Max. Resolution 2560 × 1440 Min. Illumination B/W: 0.0 Lux @ (F1.6, AGC ON), B/W: 0 Lux with IR Shutter Time 1/3 s to 1/100,000 s Day & Night IR cut filter Angle Adjustment Solar panel: tilt: -45* to 45*, rotate-30* to 30* Lens Treat focal lens, 4 and 6 mm optional It'is Type Fixed focal lens, 4 and 6 mm optional It'is Type Fixed focal lens, 4 and 6 mm optional It'is Type Fixed Aperture 4 mm: F1.28, 6mm: F1.6 Aperture 4 mm: 5.7 m to ∞ 6 mm: 5.9 m to ∞ 6 mm: 5.9 m to ∞ 6 mm: 5.9 m to ∞ 6 mm: 5.9 m to ∞ 6 mm: 5.9 m to ∞ 6 mm: 5.9 m to ∞ 6 mm, Horizontal FOV: 49*, Vertical FOV: 26*, Diagonal FOV: 57* Lens Mount M12 DORI DORI 4 mm, D: 77 m, O: 30 m, R: 15 m, I: 7 m 6 mm, D: 128 m, O: 50 m, R: 25 m, I: 12 m Illuminator Supplement Light Type IR Wavelength 850 nm Sumat Supplement Light Yes </th <th>Camera</th> <th></th>	Camera	
Min. Illumination B/W: 0.01 Lux @ (F1.6, AGC ON), B/W: 0 Lux with IR July 13 s to 1/100,000 s Day & Night IR cut filter Solar panel: tilt: -45° to 45°, rotate:-30° to 30° Lens Type Fixed focal lens, 4 and 6 mm optional Fixis Type Fixed	Image Sensor	1/3" Progressive Scan CMOS
Shutter Time 1/3 s to 1/100,000 s Day & Night IR cut filter Angle Adjustment Solar panel: tilt: -45" to 45", rotate: -30" to 30" Lens Viver Lens Type Fixed focal lens, 4 and 6 mm optional Iris Type Fixed Aperture 4 mm: F1.28, 6 mm: F1.6 Aperture 4 mm: 27 m to ∞ 6 mm: 5.9 m to ∞ 6 mm: 5.9 m to ∞ Focal Length & FOV 4 mm, Horizontal FOV: 79", Vertical FOV: 26", Diagonal FOV: 93" 6 mm, Horizontal FOV: 49", Vertical FOV: 26", Diagonal FOV: 57" Lens Mount M12 ORI Box III 4 mm, D: 77 m, O: 30 m, R: 15 m, I: 7 m 6 mm, D: 128 m, O: 50 m, R: 25 m, I: 12 m Illuminator Supplement Light Type IR Supplement Light Range Performance mode: up to 30 m, proactive mode: up to 10 m 8 Wavelength 850 mm Smart Supplement Light Yes Video Video Main Stream 50 Hz: 12.5 fps (2560 × 1440, 1920 × 1080, 1280 × 720) 60 Hz: 15 fps (1280 × 720, 640 × 480, 640 × 360) 60 Hz: 1	Max. Resolution	2560 × 1440
Day & Night	Min. Illumination	B/W: 0.01 Lux @ (F1.6, AGC ON), B/W: 0 Lux with IR
Angle Adjustment Solar panel: tilit: -45" to 45", rotate:-30" to 30" Lens Type Fixed focal lens, 4 and 6 mm optional lifs Type Fixed Aperture 4 mm: F1.28, 6mm: F1.6 Depth of Field 4 mm: 2.7 m to ∞ 6 mm: 5.9 m to ∞ 6 mm: 5.9 m to ∞ 6 mm: 5.9 m to ∞ 6 mm: 4 mm, Horizontal FOV: 79", Vertical FOV: 26", Diagonal FOV: 57" Lens Mount M12 DORI 4 mm, Horizontal FOV: 49", Vertical FOV: 26", Diagonal FOV: 57" Lens Mount MID A mm, D: 77 m, O: 30 m, R: 15 m, 1: 7 m 6 mm, D: 128 m, O: 50 m, R: 25 m, 1: 12 m Illuminator Supplement Light Type IR Supplement Light Range Performance mode: up to 30 m, proactive mode: up to 10 m R Wavelength 850 nm Smart Supplement Light Yes Video Main Stream 50 Hz: 12.5 fps (2560 × 1440, 1920 × 1080, 1280 × 720) Sol Hz: 12.5 fps (1280 × 720, 640 × 480, 640 × 360) 60 Hz: 15 fps (1280 × 720, 640 × 480, 640 × 360) 60 Hz: 15 fps (1280 × 720, 640 × 480, 640 × 360) Main stream: H. 265/H. 264/MJPEG, H. 264 and H. 265 er ma	Shutter Time	1/3 s to 1/100,000 s
Lens Type Fixed focal lens, 4 and 6 mm optional Iris Type Fixed Fixed Aperture Amm: F1.28, 6mm: F1.6 Amm: 2.7 m to ∞ 6 mm: 5.9 m to ∞ 6 mm: 5.9 m to ∞ 6 mm, Horizontal FOV: 79°, Vertical FOV: 43°, Diagonal FOV: 93° 6 mm, Horizontal FOV: 49°, Vertical FOV: 26°, Diagonal FOV: 57° Amm, D: 77 m, O: 30 m, R: 15 m, 1: 7 m 6 mm, D: 128 m, O: 50 m, R: 25 m, 1: 12 m Illuminator Supplement Light Type IR Supplement Light Type IR Supplement Light Range Performance mode: up to 30 m, proactive mode: up to 10 m IR Wavelength S50 m Substream S0 Hz: 12.5 fps (2560 × 1440, 1920 × 1080, 1280 × 720) 60 Hz: 15 fps (2560 × 1440, 1920 × 1080, 1280 × 720) 60 Hz: 15 fps (2560 × 1440, 1920 × 1080, 1280 × 720) 60 Hz: 15 fps (1280 × 720, 640 × 480, 640 × 360) 80 Hz	Day & Night	IR cut filter
Lens Type Fixed focal lens, 4 and 6 mm optional Iris Type Fixed Aperture 4mm: F1.28, 6mm: F1.6 Aperture 4mm: F1.28, 6mm: F1.6 Aperture 4mm: 2.7 m to ∞ 6 mm: 2.9 m to ∞ 6 mm: 2.9 m to ∞ Focal Length & FOV 4 mm, Horizontal FOV: 79°, Vertical FOV: 43°, Diagonal FOV: 93° 6 mm, Horizontal FOV: 49°, Vertical FOV: 26°, Diagonal FOV: 57° Lens Mount M12 DORI 4 mm, D: 77 m, O: 30 m, R: 15 m, I: 7 m 6 mm, D: 728 m, O: 50 m, R: 25 m, I: 12 m Illuminator Supplement Light Type IR Supplement Light Range Performance mode: up to 30 m, proactive mode: up to 10 m IR Wavelength 850 mm Smart Supplement Light Yes Video Main Stream 50 Hz: 12.5 fps (2560 × 1440, 1920 × 1080, 1280 × 720) 60 Hz: 15 fps (2560 × 1440, 1920 × 1080, 1280 × 720) 60 Hz: 15 fps (1280 × 720, 640 × 480, 640 × 360) 60 Hz: 15 fps (1280 × 720, 640 × 480, 640 × 360) 60 Hz: 15 fps (1280 × 720, 640 × 480, 640 × 360) Main stream: H.265 H.264, Video Compression Main Profile 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 Region of Interest (ROI) Class (ROI) Scalable Video Coding (SVC) H.264 and H.265 encoding Audio Campression G.711ulaw/G.711alaw/J.6.715alaw/J.16 kbps (G.722.1/J.6 kbps (G.726)/32 to 192 kbps Audio Sampling Rate 64 kbps (G.711ulaw/G.711alaw/J.16 kbps (G.722.1/J.16 kbps (G.726)/32 to 192 kbps Audio Compression G.711ulaw/G.711alaw/J.6.711alaw/J.16 kbps (G.722.1/J.16 kbps (G.726)/32 to 192 kbps Audio Compression G.711ulaw/G.711alaw/J.6.711alaw/J.16 kbps (G.722.1/J.16 kbps (G.726)/32 to 192 kbps Audio Compression G.711ulaw/G.711alaw/G.711alaw/J.16 kbps (G.722.1/J.16 kbps (G.726)/32 to 192 kbps Audio Compression G.711ulaw/G.711alaw/J.16 kbps (G.722.1/J.16 kbps (G.726)/32 to 192 kbps Audio Compression G.711ulaw/G.711alaw/G.711alaw/J.16 kbps (G.722.1/J.16 kbps (G.726)/32 to 192 kb	Angle Adjustment	Solar panel: tilt: -45° to 45°, rotate:-30° to 30°
Iris Type	Lens	
Aperture 4mm: F1.28, 6mm: F1.6 Depth of Field 4mm: 2.7 m to ∞ 6 mm: 5.9 m to ∞ 6 mm: 5.9 m to ∞ 6 mm, Horizontal FOV: 49°, Vertical FOV: 43°, Diagonal FOV: 93° 6 mm, Horizontal FOV: 49°, Vertical FOV: 26°, Diagonal FOV: 57° Lens Mount M12 DORI DORI 4mm, D: 77 m, D: 30 m, R: 15 m, I: 7 m 6 mm, D: 128 m, O: 50 m, R: 25 m, I: 12 m Illuminator Supplement Light Type IR 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 (2560 × 1440, 1920 × 1080, 1280 × 720) 60 Hz: 15 fps (2560 × 1440, 1920 × 1080, 1280 × 720) 60 Hz: 15 fps (1280 × 720, 640 × 480, 640 × 360) 60 Hz: 15 fps (1280 × 720, 640 × 480, 640 × 360) 60 Hz: 15 fps (1280 × 720, 640 × 480, 640 × 360) Wideo Compression Main stream: H.265/H.264/MJPEG, H.264 + and H.265+: main stream supports under performance mode Video Bit Rate 3z 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 Region of Interest (ROI) 1 fixed region for main stream Audio Sampling Rate 8 kHz/16 kHz Environment Noise Filtering Yes Audio Compression G.711ulaw/G.711alaw/G.722.1/G.726/MPL2/PCM/AAC-LC Environment Noise Filtering Yes Audio Compression G.711ulaw/G.711alaw/G.712alaw)/16 Kbps (G.722.1/16 Kbps (G.726)/32 to 192 Kbps	Lens Type	Fixed focal lens, 4 and 6 mm optional
Depth of Field 4 mm: 2.7 m to ∞ 6 mm: 5.9 m to ∞ 4 mm, Horizontal FOV: 79*, Vertical FOV: 26*, Diagonal FOV: 93* 6 mm, Horizontal FOV: 49*, Vertical FOV: 26*, Diagonal FOV: 57* Lens Mount M12 DORI 4 mm, D: 77 m, O: 30 m, R: 15 m, I: 7 m 6 mm, D: 128 m, O: 50 m, R: 25 m, I: 12 m Illuminator Supplement Light Type IR Wavelength 850 nm Smart Supplement Light Yes Video Main Stream 50 Hz: 12.5 fps (2560 × 1440, 1920 × 1080, 1280 × 720) 60 Hz: 15 fps (2560 × 1440, 1920 × 1080, 1280 × 720) 60 Hz: 15 fps (1280 × 720, 640 × 480, 640 × 360) 60 Hz: 15 fps (1280 × 720, 640 × 480, 640 × 360) 60 Hz: 15 fps (1280 × 720, 640 × 480, 640 × 360) Main stream: H.265/H.264/MJPEG, H.264 and H.265+: main stream supports under performance mode Video Compression Sub-stream: H.265/H.264/MJPEG, H.264 Type Baseline Profile, Main Profile, High Profile H.265 Type Main Profile Bit Rate Control C8R, VBR Region of Interest (ROI) 1 fixed region for m	Iris Type	Fixed
Depth of Field 6 mm: 5.9 m to ∞ Focal Length & FOV 4 mm, Horizontal FOV: 79°, Vertical FOV: 43°, Diagonal FOV: 93° 6 mm, Horizontal FOV: 49°, Vertical FOV: 26°, Diagonal FOV: 57° Lens Mount M12 DORI 4 mm, D: 77 m, O: 30 m, R: 15 m, I: 7 m 6 mm, D: 128 m, O: 50 m, R: 25 m, I: 12 m Illuminator Supplement Light Type IR Supplement Light Range Performance mode: up to 30 m, proactive mode: up to 10 m IR Wavelength 850 nm Smart Supplement Light Yes Video Video Main Stream 50 Hz: 12.5 fps (2560 × 1440, 1920 × 1080, 1280 × 720) 60 Hz: 15 fps (1280 × 720, 640 × 480, 640 × 360) 60 Hz: 15 fps (1280 × 720, 640 × 480, 640 × 360) Main stream: H.265/ H.264, Video Compression Main stream: H.265/ H.264/MJPEG, H.264 + and H.265+: main stream supports under performance mode Video Sit Rate 32 Kbps to 8 Mbps H.264 Type H.264 Type Main Profile H.264 Type Main Profile H.265 Type Main Profile Bit Rate Control CBR, VBR Region of Interest (ROI) 1 fixed region	Aperture	4mm: F1.28, 6mm: F1.6
Focal Length & FOV	Double of Field	4 mm: 2.7 m to ∞
Focal Length & FOV	Depth of Field	6 mm: 5.9 m to ∞
Lens Mount M12	Facel Langth & FOV	4 mm, Horizontal FOV: 79°, Vertical FOV: 43°, Diagonal FOV: 93°
DORI 4 mm, D: 77 m, O: 30 m, R: 15 m, I: 7 m Illuminator Supplement Light Type IR Supplement Light Range Performance mode: up to 30 m, proactive mode: up to 10 m IR Wavelength 850 nm Smart Supplement Light Yes Video Video Main Stream 50 Hz: 12.5 fps (2560 × 1440, 1920 × 1080, 1280 × 720) 60 Hz: 15 fps (2560 × 1440, 1920 × 1080, 1280 × 720) 60 Hz: 15 fps (1280 × 720, 640 × 480, 640 × 360) Sub-Stream 50 Hz: 12.5 fps (1280 × 720, 640 × 480, 640 × 360) Wideo Compression Main stream: H.265/ H.264, Video Bit Rate 32 Kbps to 8 Mbps H.264 rand 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 Region of Interest (ROI) 1 fixed region for main stream Scalable Video Coding (SVC) H.264 and H.265 encoding Audio Audio Audio Sampling Rate 8 kHz/16 kHz Environment Noise Filtering	Focal Length & FOV	6 mm, Horizontal FOV: 49°, Vertical FOV: 26°, Diagonal FOV: 57°
DORI	Lens Mount	M12
Supplement Light Type	DORI	
Illuminator	DODI	4 mm, D: 77 m, O: 30 m, R: 15 m, I: 7 m
Supplement Light Type 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 (2560 × 1440, 1920 × 1080, 1280 × 720) 60 Hz: 15 fps (2560 × 1440, 1920 × 1080, 1280 × 720) 50 Hz: 12.5 fps (1280 × 720, 640 × 480, 640 × 360) 60 Hz: 15 fps (1280 × 720, 640 × 480, 640 × 360) 60 Hz: 15 fps (1280 × 720, 640 × 480, 640 × 360) Wain stream: H.265/ H.264, Video Compression Video Bit Rate 32 Kbps to 8 Mbps H.264 + and H.265+: main stream supports under performance mode Video Type Baseline Profile, Main Profile H.265 Type Main Profile Bit Rate Control CBR, VBR Region of Interest (ROI) 1 fixed region for main stream Scalable Video Coding (SVC) H.264 and H.265 encoding 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 64 Kbps (G.711ulaw/G.711alaw)/16 Kbps (G.722.1)/16 Kbps (G.722.1)/	DORI	6 mm, D: 128 m, O: 50 m, R: 25 m, I: 12 m
Supplement Light Range Performance mode: up to 30 m, proactive mode: up to 10 m IR Wavelength 850 nm Smart Supplement Light Yes Video Sub-Stream 50 Hz: 12.5 fps (2560 × 1440, 1920 × 1080, 1280 × 720) 60 Hz: 15 fps (2560 × 1440, 1920 × 1080, 1280 × 720) 60 Hz: 15 fps (1280 × 720, 640 × 480, 640 × 360) 60 Hz: 15 fps (1280 × 720, 640 × 480, 640 × 360) 60 Hz: 15 fps (1280 × 720, 640 × 480, 640 × 360) Wain 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 Region of Interest (ROI) 1 fixed region for main stream Scalable Video Coding (SVC) H.264 and H.265 encoding 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.711ulaw/G.711alaw)/16 Kbps (G.722.1)/16 Kbps (G.726)/32 to 192 Kbps Audio Bit Rate 64 Kbps (G.711ulaw/G.711alaw)/16 Kbps (G.722.1)/16 Kbps (G.726)/32 to 192 Kbps Audio Bit Rate Canada	Illuminator	
IR Wavelength 850 nm Smart Supplement Light Yes Video 50 Hz: 12.5 fps (2560 × 1440, 1920 × 1080, 1280 × 720) Main Stream 50 Hz: 15 fps (2560 × 1440, 1920 × 1080, 1280 × 720) Sub-Stream 50 Hz: 12.5 fps (1280 × 720, 640 × 480, 640 × 360) 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 Region of Interest (ROI) 1 fixed region for main stream Scalable Video Coding (SVC) H.264 and H.265 encoding 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.7211ulaw/G.711alaw)/16 Kbps (G.722.1)/16 Kbps (G.726)/32 to 192 Kbps	Supplement Light Type	IR
Smart Supplement Light Yes Video Video Main Stream 50 Hz: 12.5 fps (2560 × 1440, 1920 × 1080, 1280 × 720) Sub-Stream 50 Hz: 12.5 fps (1280 × 720, 640 × 480, 640 × 360) 60 Hz: 15 fps (1280 × 720, 640 × 480, 640 × 360) Main stream: H.265/ H.264, Video Compression Main 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 Region of Interest (ROI) 1 fixed region for main stream Scalable Video Coding (SVC) H.264 and H.265 encoding Audio Audio Sampling Rate 8 kHz/16 kHz Environment Noise Filtering Yes Audio Compression G.711ulaw/G.711alaw/G.721.1/G.726/MP2L2/PCM/AAC-LC Audio Bit Rate 64 Kbps (G.711ulaw/G.711alaw)/16 Kbps (G.722.1)/16 Kbps (G.726)/32 to 192 Kbps	Supplement Light Range	Performance mode: up to 30 m, proactive mode: up to 10 m
Video Main Stream 50 Hz: 12.5 fps (2560 × 1440, 1920 × 1080, 1280 × 720) 60 Hz: 15 fps (2560 × 1440, 1920 × 1080, 1280 × 720) Sub-Stream 50 Hz: 12.5 fps (1280 × 720, 640 × 480, 640 × 360) 60 Hz: 15 fps (1280 × 720, 640 × 480, 640 × 360) Main 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 Region of Interest (ROI) 1 fixed region for main stream Scalable Video Coding (SVC) H.264 and H.265 encoding Audio Audio Sampling Rate 8 kHz/16 kHz Environment Noise Filtering Yes Audio Rit Rate 64 Kbps (G.711ulaw/G.711alaw)/G.712alaw)/16 kbps (G.722.1)/16 kbps (G.726)/32 to 192 kbps	IR Wavelength	850 nm
Main Stream 50 Hz: 12.5 fps (2560 × 1440, 1920 × 1080, 1280 × 720) Sub-Stream 50 Hz: 12.5 fps (1280 × 720, 640 × 480, 640 × 360) Sub-Stream 50 Hz: 12.5 fps (1280 × 720, 640 × 480, 640 × 360) Wideo Compression Main stream: H.265/ H.264, 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 Scalable Video Coding (SVC) H.264 and H.265 encoding 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.711ulaw/G.711alaw)/16 Kbps (G.722.1)/16 Kbps (G.726)/32 to 192 Kbps	Smart Supplement Light	Yes
Main Stream 60 Hz: 15 fps (2560 × 1440, 1920 × 1080, 1280 × 720) Sub-Stream 50 Hz: 12.5 fps (1280 × 720, 640 × 480, 640 × 360) 60 Hz: 15 fps (1280 × 720, 640 × 480, 640 × 360) Wideo Compression Main stream: H.265/ H.264, 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 Scalable Video Coding (SVC) H.264 and H.265 encoding Audio Audio Sampling Rate 8 kHz/16 kHz Environment Noise Filtering Yes Audio Compression G.711ulaw/G.711alaw/G.721.1/G.726/MP2L2/PCM/AAC-LC Audio Bit Rate 64 Kbps (G.711ulaw/G.711alaw)/16 Kbps (G.722.1)/16 Kbps (G.726)/32 to 192 Kbps	Video	
60 Hz: 15 fps (2560 × 1440, 1920 × 1080, 1280 × 720) Sub-Stream 50 Hz: 12.5 fps (1280 × 720, 640 × 480, 640 × 360) 60 Hz: 15 fps (1280 × 720, 640 × 480, 640 × 360) Main stream: H.265/ H.264, 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 H.265 Type Main Profile Bit Rate Control CBR, VBR Region of Interest (ROI) 1 fixed region for main stream Scalable Video Coding (SVC) H.264 and H.265 encoding Audio Audio Sampling Rate 8 kHz/16 kHz Environment Noise Filtering Yes Audio Gompression G.711ulaw/G.711alaw/G.722.1/G.726/MP2L2/PCM/AAC-LC 64 Kbps (G.711ulaw/G.711alaw)/16 Kbps (G.722.1)/16 Kbps (G.726)/32 to 192 Kbps	Main Star and	50 Hz: 12.5 fps (2560 × 1440, 1920 × 1080, 1280 × 720)
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 Region of Interest (ROI) 1 fixed region for main stream Scalable Video Coding (SVC) H.264 and H.265 encoding Audio 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.711ulaw/G.711alaw)/16 Kbps (G.722.1)/16 Kbps (G.726)/32 to 192 Kbps	iviain Stream	60 Hz: 15 fps (2560 × 1440, 1920 × 1080, 1280 × 720)
60 Hz: 15 fps (1280 × 720, 640 × 480, 640 × 360) Main stream: H.265/ H.264, 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 Region of Interest (ROI) 1 fixed region for main stream Scalable Video Coding (SVC) H.264 and H.265 encoding 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 64 Kbps (G.711ulaw/G.711alaw)/16 Kbps (G.722.1)/16 Kbps (G.726)/32 to 192 Kbps	Sulp Street	50 Hz: 12.5 fps (1280 × 720, 640 × 480, 640 × 360)
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 Region of Interest (ROI) 1 fixed region for main stream Scalable Video Coding (SVC) H.264 and H.265 encoding Audio 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 64 Kbps (G.711ulaw/G.711alaw)/16 Kbps (G.722.1)/16 Kbps (G.726)/32 to 192 Kbps	Sub-Stream	60 Hz: 15 fps (1280 × 720, 640 × 480, 640 × 360)
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 Region of Interest (ROI) 1 fixed region for main stream Scalable Video Coding (SVC) H.264 and H.265 encoding 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.711ulaw/G.711alaw)/16 Kbps (G.722.1)/16 Kbps (G.726)/32 to 192 Kbps		Main stream: H.265/ H.264,
Video Bit Rate 32 Kbps to 8 Mbps H.264 Type Baseline Profile, Main Profile H.265 Type Main Profile Bit Rate Control CBR, VBR Region of Interest (ROI) 1 fixed region for main stream Scalable Video Coding (SVC) H.264 and H.265 encoding Audio Audio Sampling Rate 8 kHz/16 kHz Environment Noise Filtering Audio Compression G.711ulaw/G.711alaw/G.722.1/G.726/MP2L2/PCM/AAC-LC Audio Bit Rate 64 Kbps (G.711ulaw/G.711alaw)/16 Kbps (G.722.1)/16 Kbps (G.726)/32 to 192 Kbps	Video Compression	Sub-stream: H.265/H.264/MJPEG,
H.264 Type Baseline Profile, Main Profile H.265 Type Main Profile Bit Rate Control CBR, VBR Region of Interest (ROI) 1 fixed region for main stream Scalable Video Coding (SVC) H.264 and H.265 encoding Audio 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.711ulaw/G.711alaw)/16 Kbps (G.722.1)/16 Kbps (G.726)/32 to 192 Kbps		H.264+ and H.265+: main stream supports under performance mode
H.265 Type Main Profile Bit Rate Control CBR, VBR Region of Interest (ROI) 1 fixed region for main stream Scalable Video Coding (SVC) H.264 and H.265 encoding 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.711ulaw/G.711alaw)/16 Kbps (G.722.1)/16 Kbps (G.726)/32 to 192 Kbps	Video Bit Rate	32 Kbps to 8 Mbps
Bit Rate Control Region of Interest (ROI) 1 fixed region for main stream Scalable Video Coding (SVC) H.264 and H.265 encoding 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.711ulaw/G.711alaw)/16 Kbps (G.722.1)/16 Kbps (G.726)/32 to 192 Kbps	H.264 Type	Baseline Profile, Main Profile, High Profile
Region of Interest (ROI) 1 fixed region for main stream Scalable Video Coding (SVC) H.264 and H.265 encoding 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.711ulaw/G.711alaw)/16 Kbps (G.722.1)/16 Kbps (G.726)/32 to 192 Kbps	H.265 Type	Main Profile
Scalable Video Coding (SVC) Audio Audio Audio Sampling Rate Environment Noise Filtering Audio Compression G.711ulaw/G.711alaw/G.722.1/G.726/MP2L2/PCM/AAC-LC Audio Bit Rate 64 Kbps (G.711ulaw/G.711alaw)/16 Kbps (G.722.1)/16 Kbps (G.726)/32 to 192 Kbps	Bit Rate Control	CBR, VBR
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.711ulaw/G.711alaw)/16 Kbps (G.722.1)/16 Kbps (G.726)/32 to 192 Kbps	Region of Interest (ROI)	1 fixed region for main stream
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 64 Kbps (G.711ulaw/G.711alaw)/16 Kbps (G.722.1)/16 Kbps (G.726)/32 to 192 Kbps	Scalable Video Coding (SVC)	H.264 and H.265 encoding
Environment Noise Filtering Audio Compression G.711ulaw/G.711alaw/G.722.1/G.726/MP2L2/PCM/AAC-LC Audio Bit Rate 64 Kbps (G.711ulaw/G.711alaw)/16 Kbps (G.722.1)/16 Kbps (G.726)/32 to 192 Kbps	Audio	
Audio Compression G.711ulaw/G.711alaw/G.722.1/G.726/MP2L2/PCM/AAC-LC 64 Kbps (G.711ulaw/G.711alaw)/16 Kbps (G.722.1)/16 Kbps (G.726)/32 to 192 Kbps	Audio Sampling Rate	8 kHz/16 kHz
64 Kbps (G.711ulaw/G.711alaw)/16 Kbps (G.722.1)/16 Kbps (G.726)/32 to 192 Kbps	Environment Noise Filtering	Yes
Audio Bit Rate	Audio Compression	G.711ulaw/G.711alaw/G.722.1/G.726/MP2L2/PCM/AAC-LC
(MP2L2)/8 to 320 Kbps (MP3)/16 to 64 Kbps (AAC-LC)	Audio Rit Pate	64 Kbps (G.711ulaw/G.711alaw)/16 Kbps (G.722.1)/16 Kbps (G.726)/32 to 192 Kbps
	המנוט טוג וומנכ	(MP2L2)/8 to 320 Kbps (MP3)/16 to 64 Kbps (AAC-LC)



Network	
Casuritu	Password protection, complicated password, basic and digest authentication for HTTP,
Security	TLS 1.1/1.2/1.3, WSSE and digest authentication for Open Network Video Interface
Simultaneous Live View	Up to 6 channels
API	ISAPI, SDK
Protocols	TCP/IP, ICMP, HTTP, DHCP, DNS, RTP, RTSP, RTCP, NTP, IGMP, QoS, UDP
	Up to 32 users
User/Host	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, IE 11,
Web Browser	Plug-in free live view: Chrome 57.0+, Firefox 52.0+,
	Local service: Chrome 57.0+, Firefox 52.0+
Mobile Communication	
SIM Card Type	Micro SIM
Uplink and Downlink Data Rate	Cat 4, uplink: 50 Mbps, downlink: 150 Mbps
	EU:
	LTE-TDD: B38/B40/B41
	LTE-FDD: B1/B3/B5/B7/B8/B20/B28
	WCDMA: B1/B5/B8
Frequency	GSM: B3/B5/B8
	LA:
	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
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
Transducer	
Transducer Type	PIR + Radar
Detection Angle	4 mm : Horizontal: 80°, vertical: 42°, 6 mm : Horizontal: 50°, vertical: 22°
Detection Range	Up to 12 m
Interface	
Ethernet Interface	1 RJ45 10 M/100 M self-adaptive Ethernet port
On-Board Storage	Built-in eMMC storage, up to 8 GB,
	Built-in memory card slot, support microSD/microSDHC/microSDXC card, up to 256 GB,
	For eMMC storage, 5 GB is available for recording.
Built-in Microphone	Yes
Built-in Speaker	Yes



Reset Key	Yes
Event	
Basic Event	Motion detection, video tampering alarm, network disconnected, IP address conflict, illegal login, HDD full, HDD error
Linkage	Upload to NAS/memory card, notify surveillance center, trigger recording, trigger capture, audible warning
General	
Power	Power Consumption and Current: Typical power scenarios: 1.85 W (4G working) Standby scenarios: 80 mW Max. power consumption: 7 W Power Supply: 12 VDC *For debugging only 6.5 W (deviation: ± 1 W) Solar panels Power Interface: Power supply interface: Ø5.5 mm coaxial power plug Extened solar panel: Ø5.5 mm coaxial power plug
Material	Plastic
Storage Conditions	0 °C to 50 °C (32 °F to 122 °F). Humidity 95% or less (non-condensing)
Language	33 languages: English, Russian, Estonian, Bulgarian, Hungarian, Greek, German, Italian, Czech, Slovak, French, Polish, Dutch, Portuguese, Spanish, Romanian, Danish, Swedish, 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 Conditions	0 °C to 50 °C (32 °F to 122 °F). Humidity 95% or less (non-condensing)
Dimension	213.7 mm × 292.4 mm × 188.7 mm (8.4" × 11.5" × 7.3")
Package Dimension	345 mm × 240 mm × 292 mm (13.6" × 9.4" × 11.5")
Weight	Approx. 1.42 kg (3.1 lb.)
With Package Weight	Approx. 2.07 kg (4.6 lb.)
Battery	
Battery Type	Ternary Lithium
Max. Charging Voltage	12.6 V
Capacity	51.46 Wh
Operating Temperature	Charging: 0 °C to 45 °C (32 °F to 113 °F) Discharging: -20 °C to 50 °C (-4 °F to 122 °F)
Battery Voltage	8.1 V to 12.6 V
Cycle Lifetime	Proactive mode: 1.5 days, Standby mode: 11 days
Battery Life	More than 800 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) *CE certification is only for the device sold in the European region.



EMC	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,
	*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.

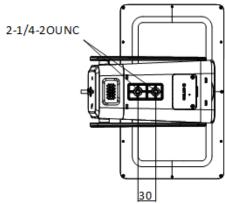
Level	Description
Top-level protection	Hikvision products at this level are equipped for use in areas where professional anti-corrosion protection is a must. Typical application scenarios include coastlines, docks, chemical plants, and more.
Moderate protection	Hikvision products at this level are equipped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

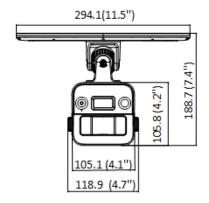
Available Model

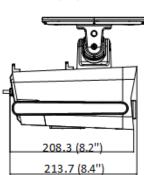
DS-2XS2T41G1-ID/4G/C05S07 (4/6 mm)



Dimension







Unit: mm (inch)

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