

4G Solar-powered Camera Series



Name		4G Solar-powered Security Camera (4MP)	4G Solar-powered ANPR Camera (4MP)
Image	Image Sensor	1/2.8" Progressive Scan CMOS	
	Min. Illumination	0.005Lux@F1.2 0.008Lux@F1.4	
	WDR	120dB Super WDR	
	Shutter Time	1/100000s~1s	
	Day/Night Mode	Day/Night/Auto/Customize/Schedule	
	IR Wave Length	850nm (Default), 740nm (Optional)	
	IR Distance	Up to 20m (2.8mm/6mm)	Up to 20m (16mm) Up to 30m (24mm)
	S/N	>55dB	
Lens	Lens	2.8mm/6mm	16mm/24mm
	Mount	M12	
	Field of View	H111°/D128°/V61° (2.8mm) H52.8°/D60.4°/V29.7° (6mm)	H19.4°/D22.2°/V11° (16mm) H13°/D14.9°/V7.4° (24mm)
Video	Max. Image Resolution	4MP	
	Primary Stream	60Hz: Max 4MP/5MP@15fps 50Hz: Max 4MP/5MP@12fps	60Hz/50Hz: Max 4MP/5MP@20fps
	Secondary Stream	60Hz: Max 1MP@15fps 50Hz: Max 1MP@12fps	60Hz/50Hz: Max 1MP@20fps
	Video Compression	H.265+/H.265(HEVC)/H.264+/H.264	
	Video Bit Rate	16Kbps~16Mbps(CBR/VBR Adjustable)	
	Privacy Masking	Up to 8 Areas (Mask Area and Mosaic Area are optional)	
	ROI	Up to 8 areas	
	Image Setting	Brightness/Contrast/Saturation/Sharpness	
	Web Access	WIFI/VPN/Milesight VMS&APP	
Interface	Alarm I/O	1/1	
Wireless Network	WLAN	802.11n/802.11b/802.11g	
	Cellular	4G LTE NA: B2/B4/B5/B12/B13/B25/B26 EU: B1/B3/B7/B8/B20/B28 AU: B1/B2/B3/B4/B5/B7/B8/B28/B66 JP: B1/B3/B8/B18/B19/B26	
	SIM Card	Nano SIM	

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Intelligent Analytics	Video Analysis (available on the 4G Solar-powered Security Camera)	Object Classes: Human, Vehicle (Bicycle/Car/Motorcycle/Bus/Truck) Features: Intrusion Detection, Line Crossing, Object Left, Advanced Motion Detection, Tamper Detection
	LPR (available on the 4G Solar-powered ANPR Camera)	Coverage: Up to 2 lanes (16mm) Up to 1 lane (24mm)
		Max. Vehicle Speed: Vehicles with a speed of ≤ 80 km/h (Daytime) Vehicles with a speed of ≤ 70 km/h (Nighttime)
		Recognition Accuracy: Target capture rate $\geq 95\%$; License plate recognition accuracy varies by region up to 90%~95%, nighttime up to 85%~90%
		Country Region Supported: More than 80 countries and regions
		No-plate Vehicle Capture
System	GPS	Built-in High-accuracy GPS Module
	Storage	Support microSD/SDHC/SDXC Card Local Storage, up to 1TB
	Advanced Function	BLC, HLC, 2D DNR, 3D DNR, Defog, AWB, IP Address Filtering, AGC, Anti-flicker, Corridor Mode, Deblur
	Event Trigger	Intelligent Analytics, Motion Detection, Network Disconnection, External Input, etc.
	Event Action	HTTP/MQTT Post, FTP Upload, SMTP Upload, SD Card Record, External Output, etc.
	System Compatibility	ONVIF Profile G & M & S & T, API
General	Working Temperature	Charging: -20 °C to 45 °C Discharging: -20 °C to 60 °C
	Working Humidity	0~95%(Non-condensing)
	Power Supply	DC 12V \pm 10%
	Solar Panel	Optional 1~2 solar panels, with multiple specifications available.
	Battery	Performance Mode: Up to 10 days of battery life in cloudy/rainy conditions (Optional up to 6 batteries, each battery with a capacity of 90Wh. 3 batteries provide 5 days of continuous use, and 6 batteries provide 10 days of continuous use).
	Surge Protection	TBD
	Weather Proof	Up to IP67-rated for Weather-resistant Performance

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General	Housing	Vandal-proof IK10-rated Metal Housing
	Dimensions	TBD
	Warranty	3/5 Years