Milesight

4G Solar-powered Traffic Sensing Camera

4G | Solar-Powered | Vehicle Capture | Weather Proof | Radar | For Web GUI Configuration

4G | Solar-powered | Vehicle Capture | IP66 | Radar Trigger | For Web GUI Configuration

KEY FEATURES

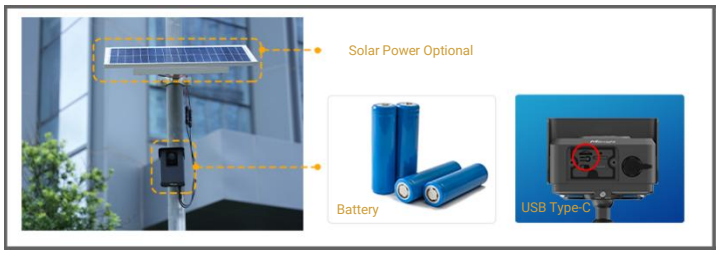
- NDAA Compliance (The fully NDAA-compliant products are well suited for government, defense and a range of projects subject to the NDAA.)
- Radar Trigger and Quick Start Capture (Camera can capture high-accuracy images by Radar Trigger technology and intelligent algorithm confirmation.
- And Quick Start Capture technology ensures timely capture.)
- Wi-Fi Supported (Equipped with Wi-Fi for web GUI configuration.)
- High Compatibility (Snapshots and information captured by the camera can be pushed to the back-end software using MQTT/HTTP.)

Intelligent AI-powered LPR Algorithm

The cost of installing network cables can be reduced thanks to 4G technology, which also allows convenient mobility. Additionally, the backing of Verizon, T-Mobile, and AT&T offers customers a range of carrier options to suit their demands.

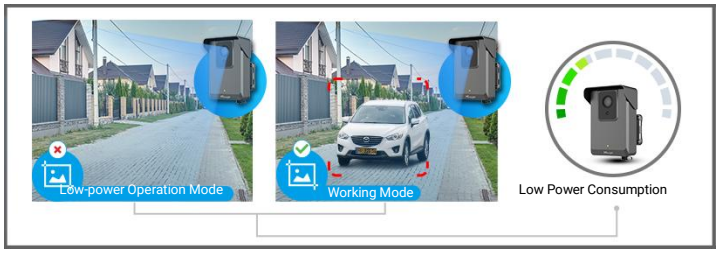
Black and White List and No-plate Event

The camera can not only eliminate the tedious wiring process, but also get uninterrupted power outdoors by pairing the cameras with solar panels. In addition, it is equipped with battery and USB Type-C charging port to provide abundant power support, ensuring the uninterrupted operation of the camera



Low Power Consumption

The camera can automatically switch between the low-power operation mode and the working mode according to the environmental conditions, which ensures that the device can be used for a long time and meet diverse environments such as continuous rainy days.



Excellent Structural Design

The camera is independently developed and designed by engineers and has excellent structural performance. Differentiated appearance design has better concealment. The anti-theft mounting design ensures the security of the camera. And it is also equipped with brackets to adapt to a variety of installation conditions.

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Model			SC211-NA/EU/AU (2MP)
Capture Performance	Capture Rate		≥95%
	Optimal Capture Distance		6m (With 6mm lens) 15m~20m (With 16mm lens)
	Capture Range		3~15m (With 6mm lens) 10~25m (With 16mm lens)
	Nighttime Illumination Distance		Up to 15m (With 6mm lens) Up to 25m (With 16mm lens)
	Capture Speed		Be recommended to use when the vehicle speed <30km/h (With 6mm lens); Be recommended to use when the vehicle speed <70km/h (With 16mm lens)
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
	SIM Card		Nano SIM
Camera	Image Sensor		1/2.8” Progressive Scan CMOS
	Day/Night Mode		Day/Night/Auto
	IR Wave Length		850nm (Default); 740nm (Optional)
Lens	Lens		16mm/6mm
	Field of View		H19.4° /D22.2° /V11° (16mm) H52.8°/D60.4°/V29.7° (6mm)
Image	Max. Resolution		1920×1080
	Image Setting		Brightness/Contrast/Saturation/Sharpness
General	GPS		Built-in High-accuracy GPS Module
	Radar Working Frequency		24GHz
	Protocol		MQTT/HTTP
	Storage		Support microSD/SDHC/SDXC Card Local Storage, up to 256G
	Solar Power	Power	≥35W
		OCV	<22V
		Connector	MC4
	Direct & Battery Power	Power Supply	USB Type-C
		Battery	Single Cell Battery: 3.2V, 3200mAh, 10.24Wh Total: 7.2V, 6400mAh, 46.08Wh
		Operational Temperature	Charge: -20℃ ~-45℃; Discharge: -20℃ ~60℃
		Battery Life	The power is 70% after 500 times of accumulative charging and discharging
	Power Consumption		0.33W Normal (Detection Status); 1.35W Normal (Capture Status) 11W MAX (Night Capture Status)
	Weather Proof		IP66
	Weight		1040g 212g (Battery Weight)
	Rain Cover Movement Distance		10mm
	Dimensions		175mmX111mmX63.2mm(Without Rain Cover)
	Warranty		2 Years

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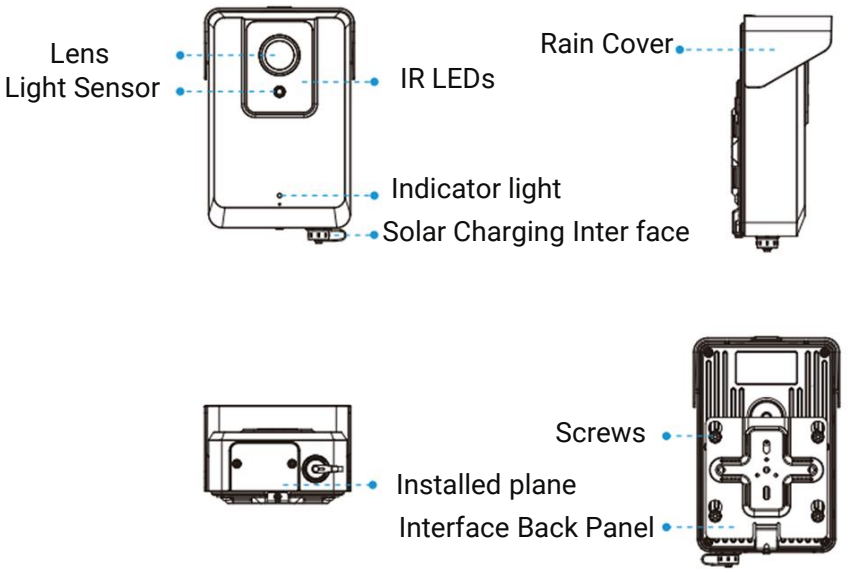
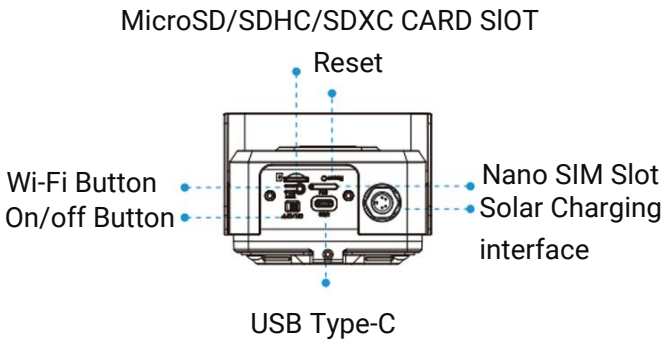
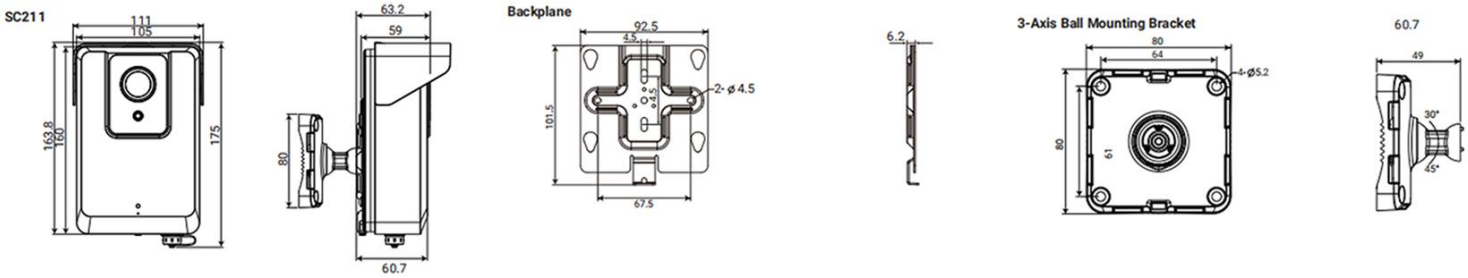
Structure Diagrams







Units: mm

Accessories Support

S45 Solar Power Modules (Optional)

Weight: 510g

Dimensions: 580*385*25mm

3-Axis Ball Mounting Bracket

Weight: 186g

Dimensions: 80*80*49mm

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