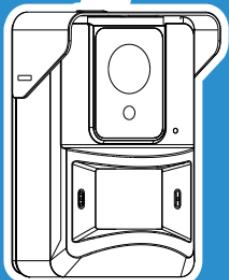




# QUICK START GUIDE

4G Solar-powered Perimeter Sensing Camera



User Manual



Datasheet

**Milesight** / Make Sensing Matter

✉ Milesight IoT Co., Ltd.

🌐 [www.milesight.com](http://www.milesight.com)

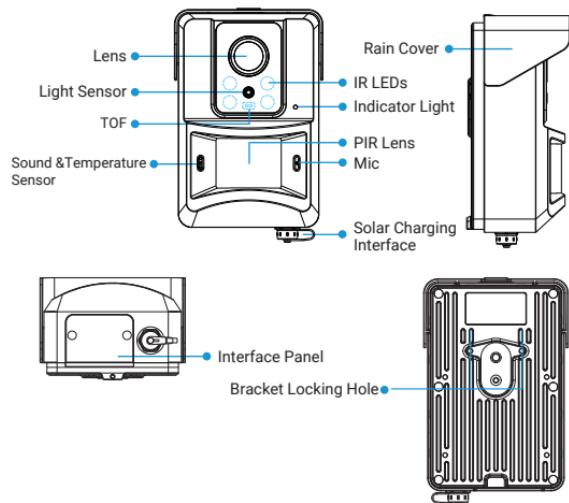
## Table of Content

1. Package Contents .....	2
2. Hardware Overview .....	3
3. Interfaces .....	3
4. Dimensions .....	4
5. Installation .....	5
6. FCC Statement.....	13

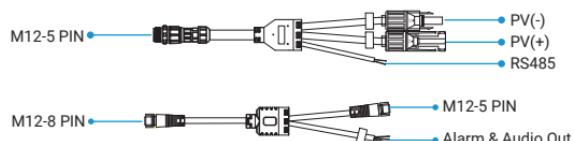
## 1. Package Contents //



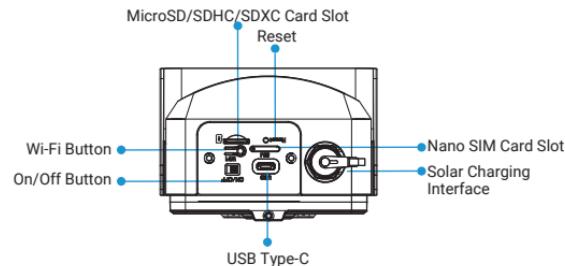
## 2. Hardware Overview //



## 3. Interfaces //

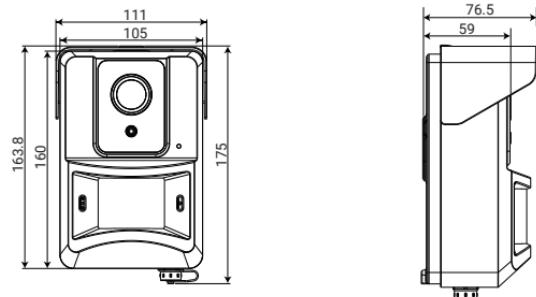


Yellow	AUDIO OUT	Green	ALARM OUT1A
Purple	AUDIO OUT GND	Black	ALARM OUT1B

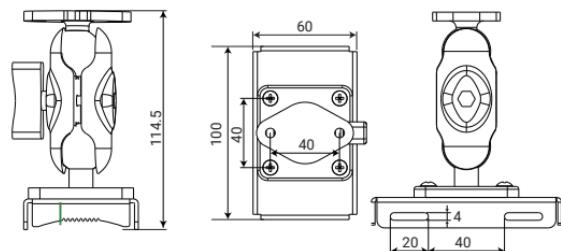


#### 4. Dimensions

SC411



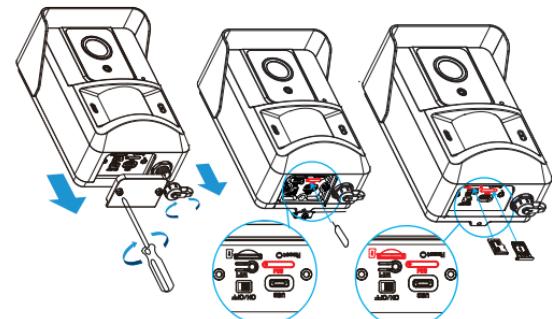
#### Adjustable Pole Mount Bracket



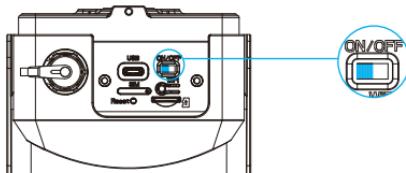
#### 5. Installation

**Step 1:** Loosen the screws of Interface Panel and remove the cover. And remove the Solar Charging Interface cover.

**Step 2:** Use the SIM Card Ejector Tool to remove the SIM card tray, and then install the SIM Card and SD Card.



**Step 3:** Switch the power to ON.



**Note:**

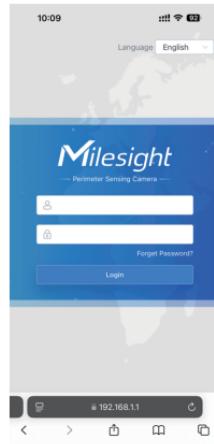
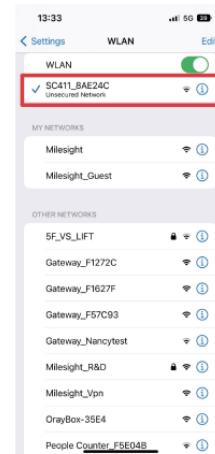
- 1- During device startup, the green indicator blinks slowly (1s intervals). Once SOC and Wi-Fi are initialized, the indicator turns solid green to enter configuration mode. The AP will turn off automatically after 5 minutes of no page interaction, and the indicator will turn off.
- 2- To reset the device, press and hold the reset button for 5 seconds; the green indicator blinks quickly (0.5s intervals) while holding. After release, slow blinking indicates resetting, and solid green means reset completed.
- 3- To enable Wi-Fi manually:
  - If the device is in sleep mode, press the Wi-Fi button; the green indicator blinks (1s intervals) until SOC and Wi-Fi start, then turns solid green.
  - If the device is already awake, press the Wi-Fi button; the indicator turns solid green when Wi-Fi starts. If a Wi-Fi error occurs, the indicator turns off.
  - The AP will turn off automatically after 5 minutes of no interaction, or manually by pressing the Wi-Fi button again, which turns off the indicator.
- 4- During normal sleep or operation, the indicator remains off for stealth and low power consumption.

**Step 4:** Use mobile devices or laptop to connect to the device's Wi-Fi.

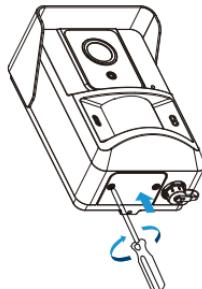
**Note:**

The Wi-Fi name is SC411\_xxxxxx (xxxxxx is the last six bits of the MAC address).

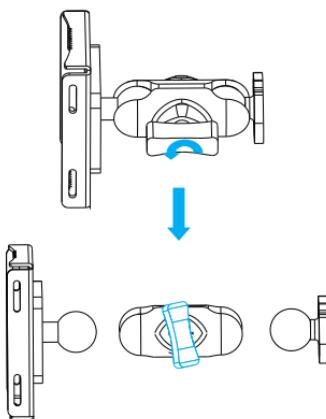
**Step 5:** Enter the IP address 192.168.1.1 in the browser to log in to the web page of the device and configure the device.



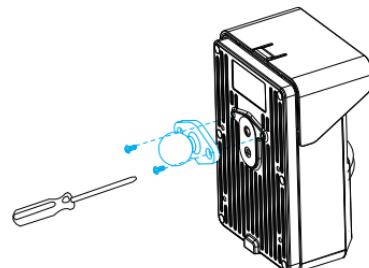
**Step 6:** Cover back the Interface Panel and fix the screws.



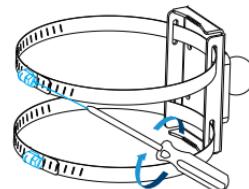
**Step 7:** Loosen the locking knob on the bracket, and remove the ball head and the base of the bracket.



**Step 8:** Use the bracket screws to secure the ball head to the camera.



**Step 9:** Fix the base of the bracket in the position where the device is intended to be installed.



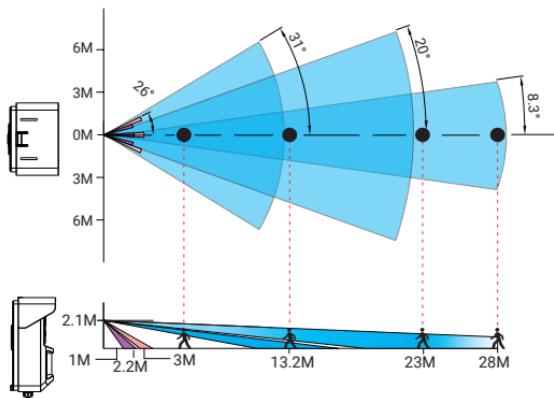
**Note:**

The recommended installation height is **2.1 m to 4 m**.

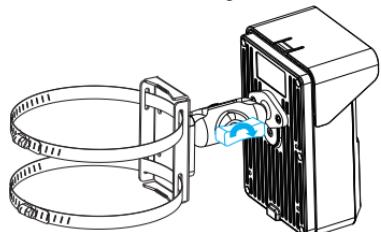
The optimal installation height is **2.1 m** with a tilt angle of **12°**.

At this height and angle, the best performance can be achieved, as shown in the figure below.

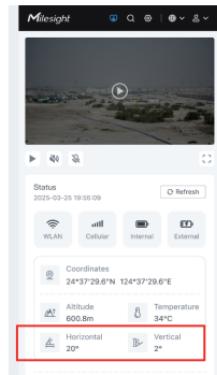
## PIR Trigger Range



**Step10:** After confirming the approximate direction, use the locking knob to connect the bracket base and the camera together.

**Note:**

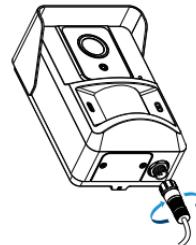
You can check the device's horizontal and tilt angles via Live Video. It is recommended to keep the horizontal angle at 0°, and estimate the tilt angle according to the image in Step 9.



**Step 11:** Connect the solar panel to the Solar Charging Interface.

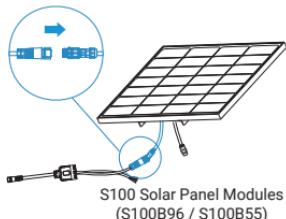
**Note:**

1. The Solar Panel Modules are optional.
2. The device has battery inside, when the solar power supply is insufficient, it can be powered by battery; When the battery is low, it can be charged using USB Type-C.

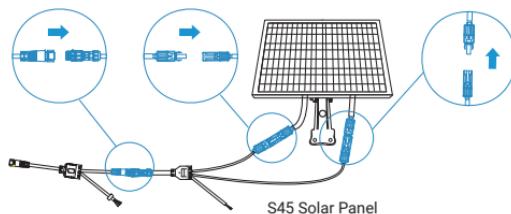


## 3. Cable Connection

- Solar Power System Cable



- Solar Power System Cable + Solar Panel Cable



## 6. FCC Statement

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference.
2. This device must accept any interference received, including interference that may cause undesired operation.

**Note:** This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

1. Reorient or relocate the receiving antenna.
2. Increase the separation between the equipment and receiver.
3. Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
4. Consult the dealer or an experienced radio/TV technician for help.

**FCC Radiation Exposure Statement:**

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator& your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.