Milesight

Datasheet

All Software & files can be downloaded from
https://www.milesight.com/resources/download-center

Make Sensing Matter

Milesight | www.milesight.com

Milesight

# QUICK START GUIDE

4G Solar-powered Camera Kit (SP111)



Designed for Off-grid
& Remote Security

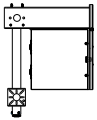
# Table of Content

1. Package Contents ..... 2
2. Hardware Overview ..... 5
3. Dimensions ..... 7
4. Installation ..... 8
5. Configuration ..... 18
6. FCC Statement ..... 20

## 1. Package Contents



4G Solar-powered Camera x 1



Main Bracket x 1



Battery x 4



12V 3.3A Adapter x 1



DC Adapter Cable



Power Cable x 1



DC 12V Output Cable x 1



Solar Panel Connection Cables x 1



Camera Fixing Screws x 3



Battery Fixing Screws x 16



Expansion Bolts x 6



Washer x 6



Hexagonal Nuts x 6



Spring Plate x 6







Dust Cover x 2



Screwdriver x 1



Safety Latch x 1



Kit Safety Latch x 1




Warranty Card x 1



Quick Start Guide x 1

**Pole Mount Bracket**



x 2



x 1



x 6



x 4



x 8



x 4

**Solar Panel**



x 1



x 2



x 1



x 8



x 4

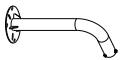
**Optional**



Battery



Waterproof Power Supply Adapter

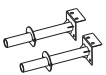


SA02 Bracket



A02 V2

**Solar Expansion Kit**



x 2



x 4



x 4



x 4



x 4



x 1



x 2



x 1



x 4



x 4



x 4



x 8



x 4

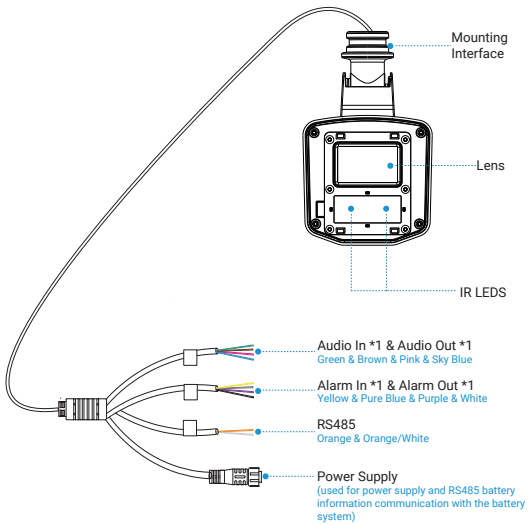


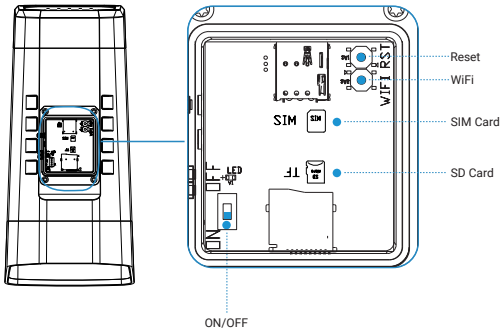
x 4

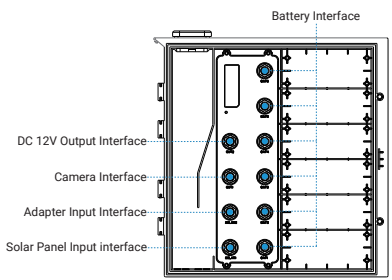




## 2. Hardware Overview





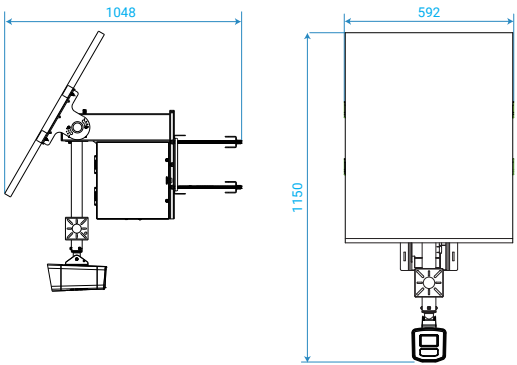





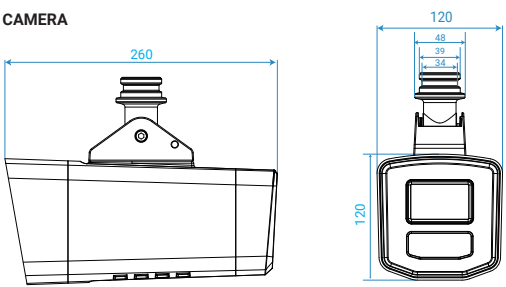



## 3.Dimensions

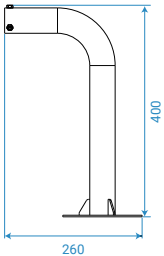
**KIT**

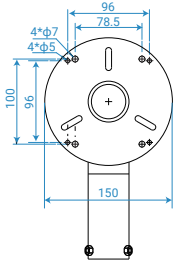



**CAMERA**



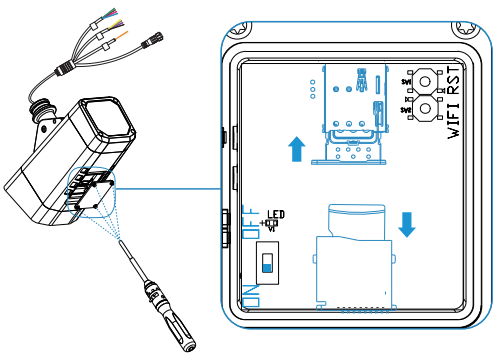
**SA02**




## 4. Installation:

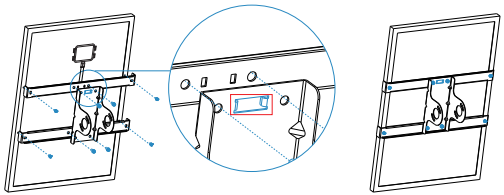
**Step1:** Use a screwdriver to open the back cover at the bottom of the camera. Insert the SD card and SIM card.



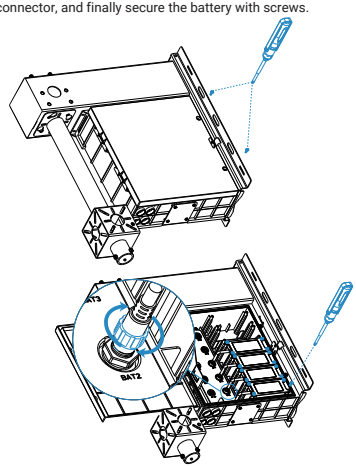




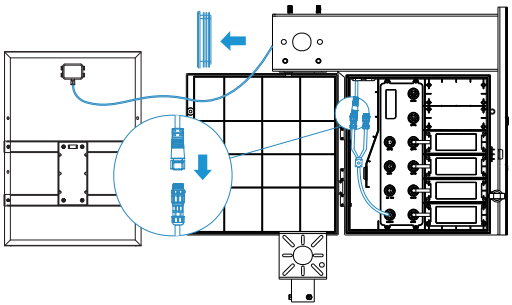

**Step2:** Assemble the solar panel.



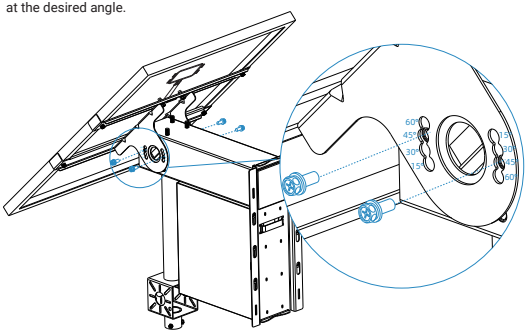
**Step3:** Use a screwdriver to remove the screws from the battery box and open it. Unscrew the protective cover of the battery connector, connect the battery to the power system, tighten the connector, and finally secure the battery with screws.



**Step4:** Take out the previously assembled solar panel. Run the solar cables through the bracket and connect them to the battery system.



**Step5:** Attach the solar panel to the bracket. Tighten the screws to secure the solar panel at the desired angle.

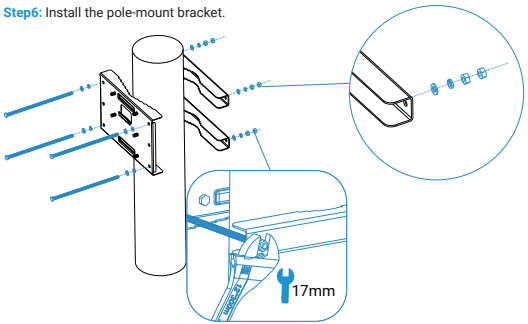



**Note:** Adjust the panel to the desired angle and secure it by tightening the screws in the corresponding holes on the bracket.



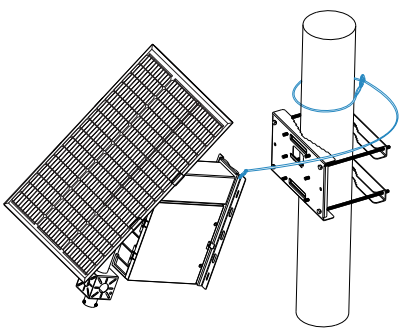


**Step6:** Install the pole-mount bracket.

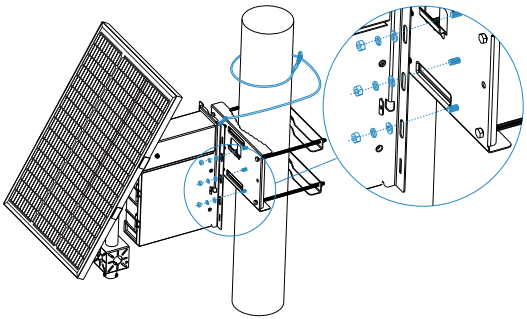



**Note:** The recommended diameter for the support columns is 150mm to 210mm.

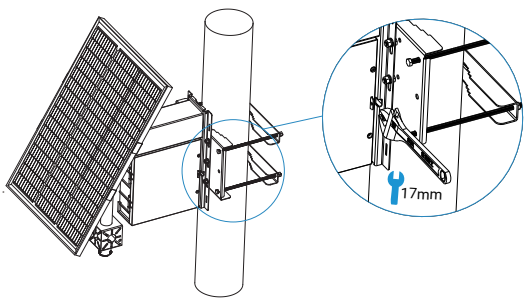
**Step7:** Use a safety latch to connect the fully assembled bracket to the pole.



**Step8:** Hook the bracket onto the mounting hook on the pole.



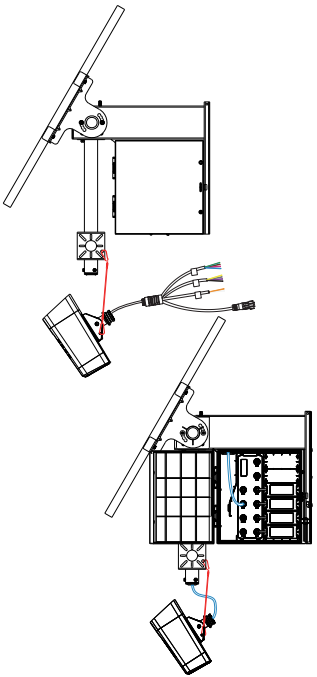
**Step9:** Secure the bracket using hex nuts.



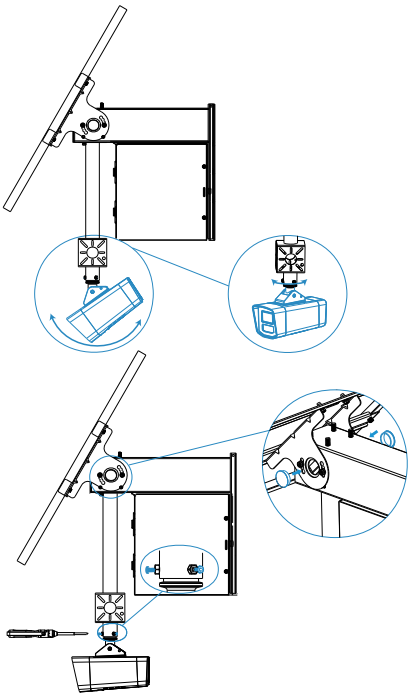





**Step10:** Use a safety latch to securely attach the camera to the bracket interface. Opening the front cover of the bracket allows for easier threading of the camera's tail cable through the interface to the battery system.



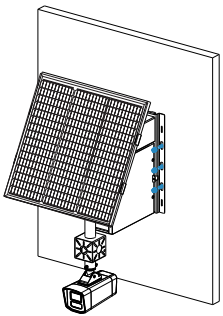
**Step11:** The camera can be freely rotated to adjust the angle. Once the desired angle is set, tighten the screws between the camera and the bracket.





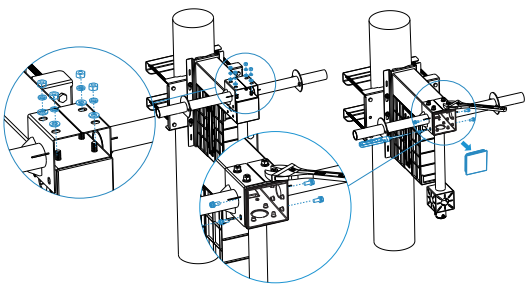


**Note:** You can also use expansion screws to mount the entire assembled bracket directly onto the wall.

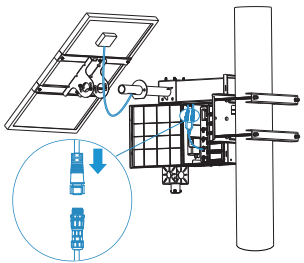


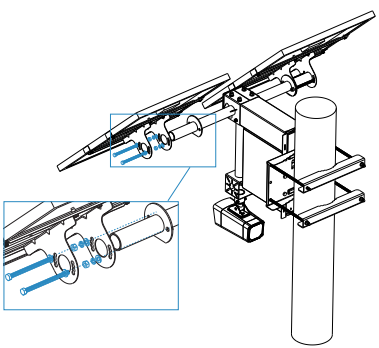
## Solar Expansion Kit Installation

**Step1:** If you have purchased the Solar Expansion Kit, attach the additional bracket to the main bracket and secure it with screws.



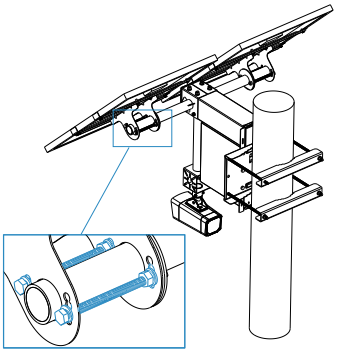
**Step2:** Secure the assembled solar panel to the additional bracket.



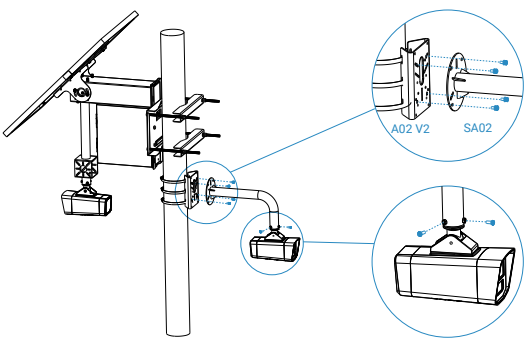








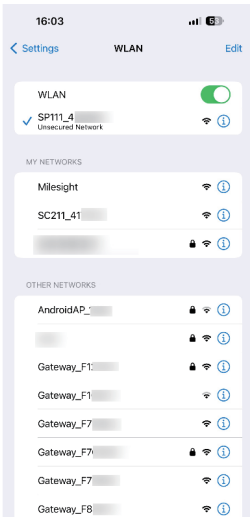
**SA02 Installation**



## 5. Configuration

**Step 1:** Press the camera's WiFi button to turn on the WiFi.

**Step 2:** Use mobile devices or laptop to connect to the device's Wi-Fi.
The Wi-Fi name is SP111_xxxxxx (xxxxxx is the last six bits of the MAC address).



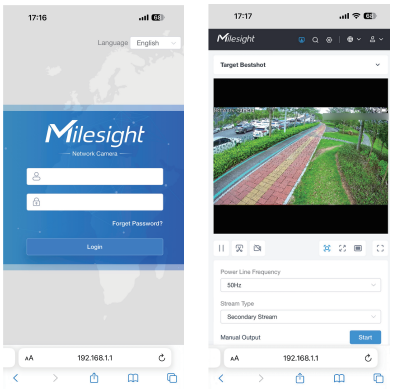

**Note:**
When the device is powered on, the indicator light will slowly flash green until the device is fully booted, at which point it will remain solid green. The Wi-Fi of device is automatically enabled when the device is powered on.





**Step 3:** 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.

**Note:**
1. First-time login requires activating the camera and setting a password.
2. The IP address of the device cannot be modified.
3. For more information about how to configure the device, please refer to the User Manual.




**Step 4:** After completing the device configuration, lock the camera cover to ensure data security.

**Note:**
Press and hold the reset button (for about 5 seconds) until the green light flashes quickly five times. At this point, the device has been reset, and you can release the button.

## 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.