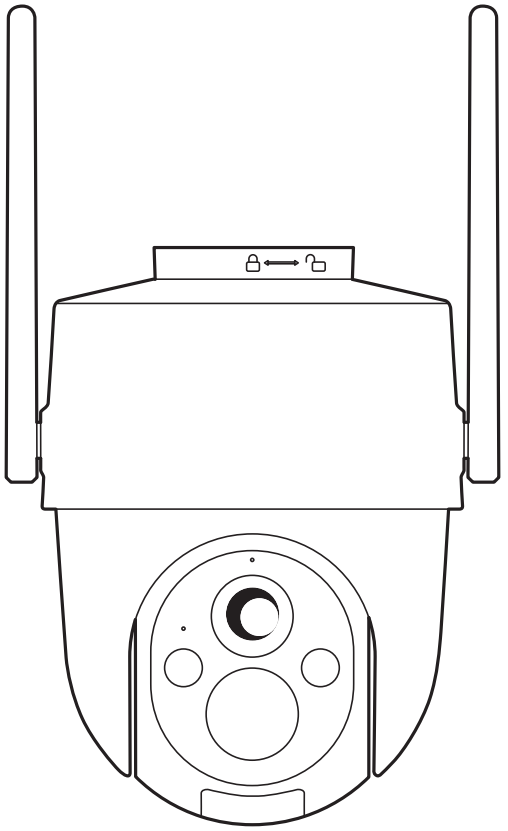
MEARI

# Smart 4G AOV Battery Camera

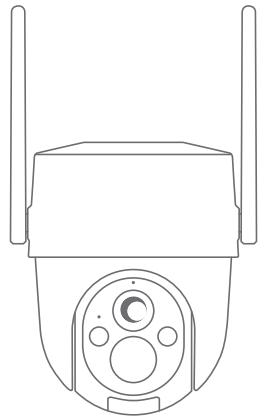
# V1



## Quick Start Guide

# What’s in the Box

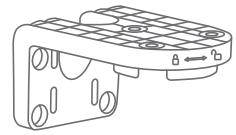
Please consult this checklist for all parts.



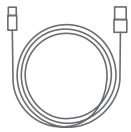
Camera X1



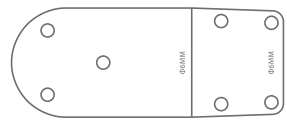
Screw package X1



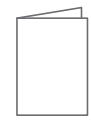
Bracket X1



Power cable X1

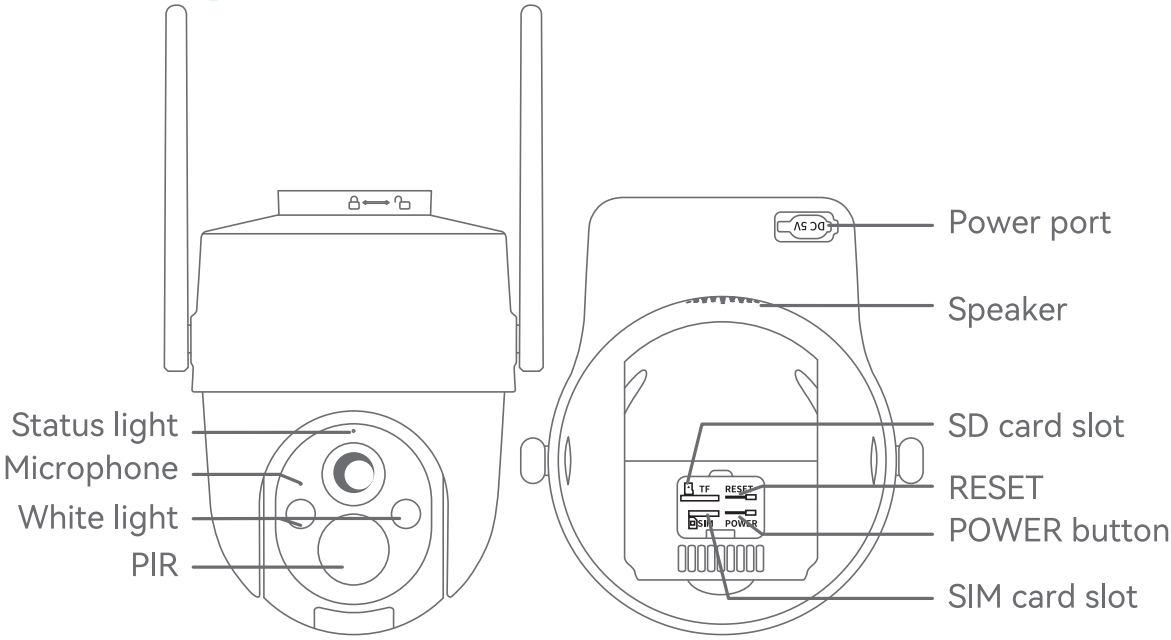


Drilling template X1



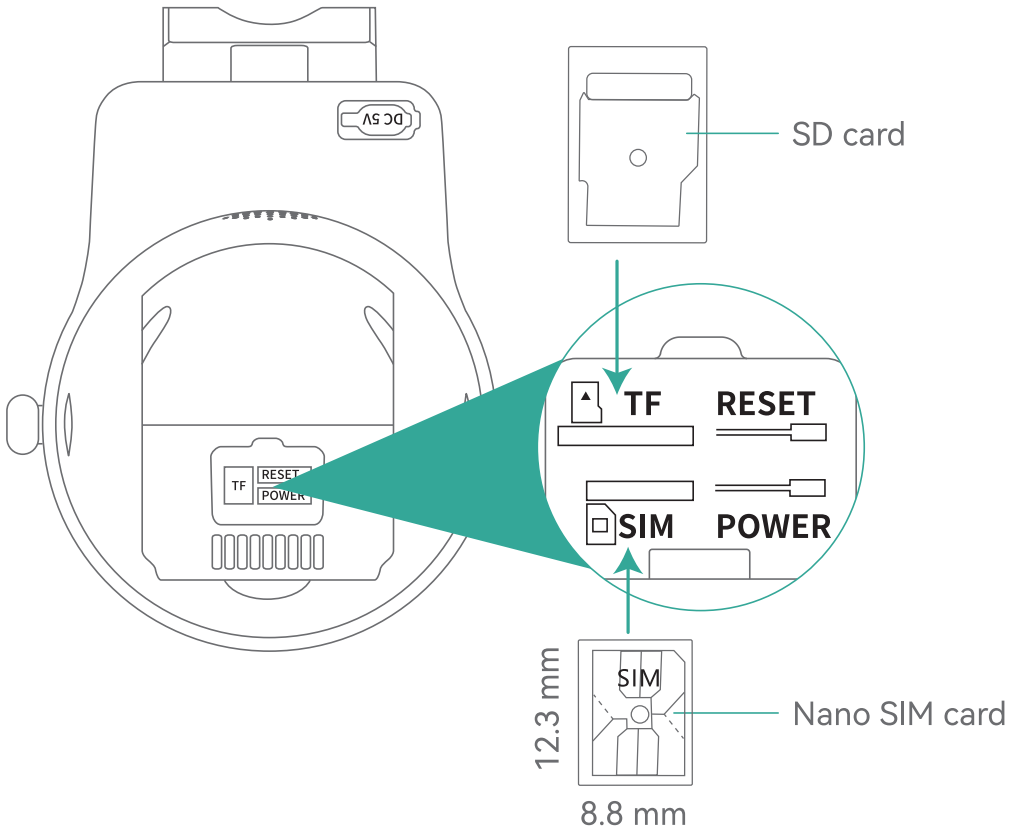
Quick start guide X1

# Description




| Name | Description |
|---|---|
| Power supply | DC 5V/2A |
| POWER button | Press the button for 3 seconds to turn on/off the camera |
| Status light | Blinking red slowly:<br>Starting up; waiting for 4G connection<br>Blinking red fast:<br>Connecting to 4G network. If the red light flashes fast for a long time, try to reinsert the Nano SIM card or reset the camera<br>Blinking blue:<br>Waiting for adding to the App<br>Solid blue:<br>Camera has been successfully added to the App; in preview<br>Blinking red and blue alternately:<br>Unable to connect to the network. Please check whether the SIM card is installed correctly, and confirm whether the SIM card has 4G mobile data |
| SD card slot | SD card storage (up to 512GB) |
| RESET | Press and hold for 5 seconds to reset the device (all settings will be restored to factory defaults) |

# SIM/SD Card Installation




a. Insert the Nano SIM card so that the camera can connect to 4G Internet (If the device already has an inbuilt Nano SIM card, you can skip this step);

b. Insert SD card (sold separately) for data storage.

Note: Please check the insertion direction and up-down side of the SD card and Nano SIM card.

The device only supports the Nano SIM card, which is 12.3mm x 8.8mm in size.

# Get the App

- **If you are new to Meari**

  Meari is available for both iOS and Android. Search for **Meari** in App Store or Google Play, or scan the QR Code to download the App.

  You can select the App according to needs.

Download App (iOS & Android)

- **If you have already an account**

  Skip this section.

Note: Support

iOS

Android

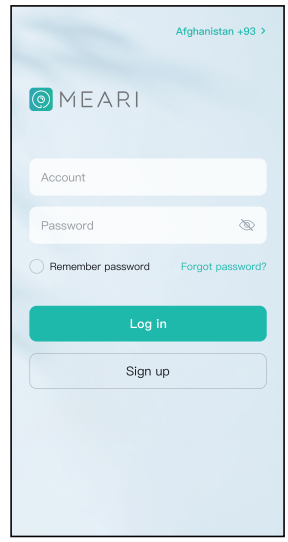
# Registration

Note: The app interface may vary due to version updates. Please check the App Store for the latest updates.

## 1 Sign up

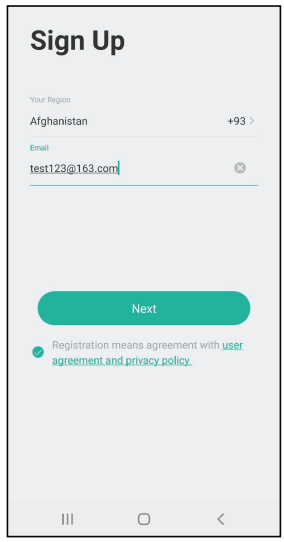
Open the App, and tap **Sign up** to register.

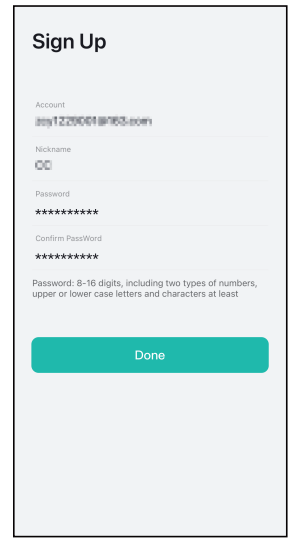
If you already have an account, tap **Log In** to access it.




## 2 Complete registration

Enter a valid email address, agree to the privacy agreement, then set your nickname and password.



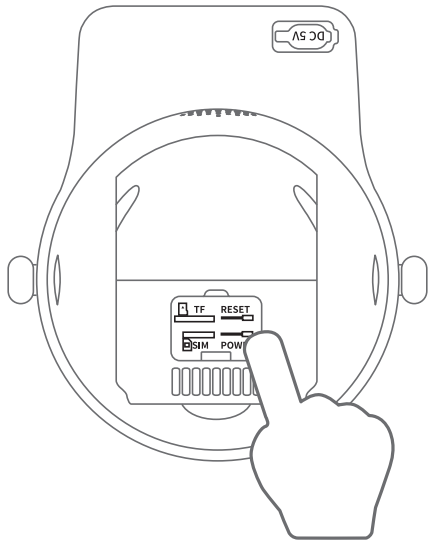




Note: Before creating a new account, please read the Privacy Policy and Terms of Use carefully.

# Add Device

## 1 Power on device

Press the POWER button for 3 seconds to turn on the camera. Status light flashing blue indicates that the camera is ready for pairing.



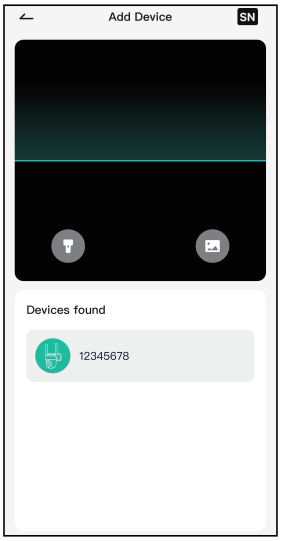

Note: If camera is not in the blue flashing after 30 seconds of powering on, press and hold the RESET button for 5 seconds to reset, and then restart to pair the camera with the App.

## 2 Enable Bluetooth on your phone

## 3 Pair device to the App

### Pairing method 1

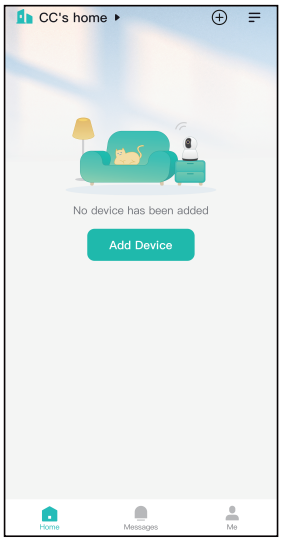
a. In the App, tap **Add Device** or **+**. The device will be searched for via Bluetooth and appear on the screen. Follow the on-screen instructions to complete pairing.

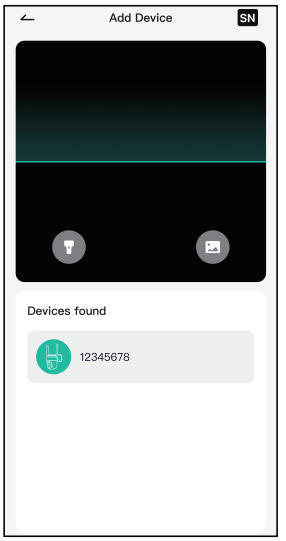


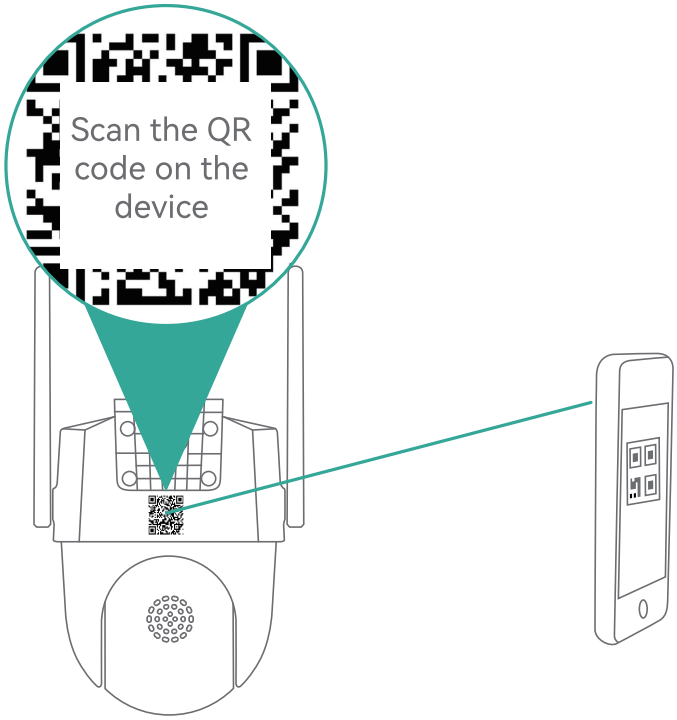

b. Complete the configuration.

### Pairing method 2

a. In the App, tap **Add Device** or **+**. Scan the QR code located on the device casing.



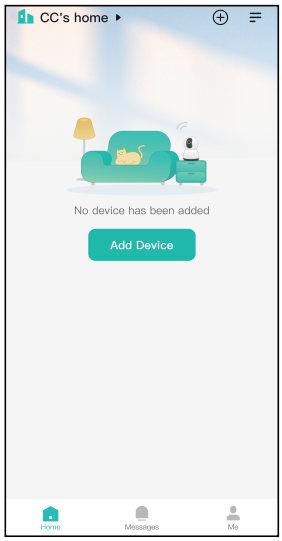



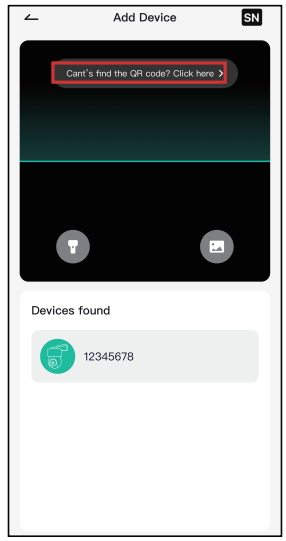


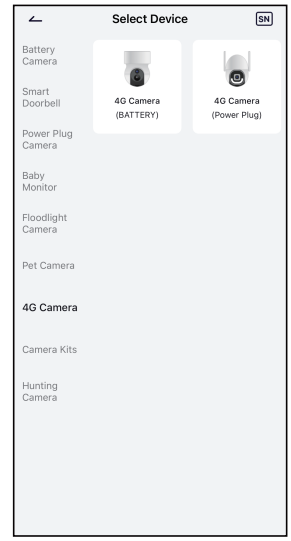

b. Complete the configuration.

## Pairing method 3

a. In the App, tap **Add Device** or **+**. Select the icon according to actual camera.

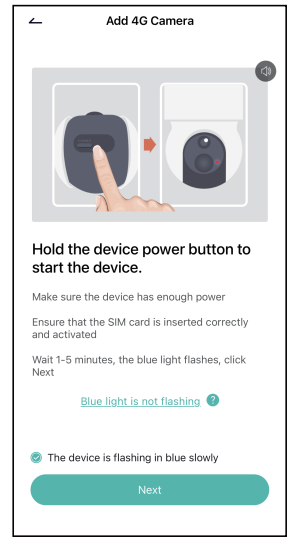


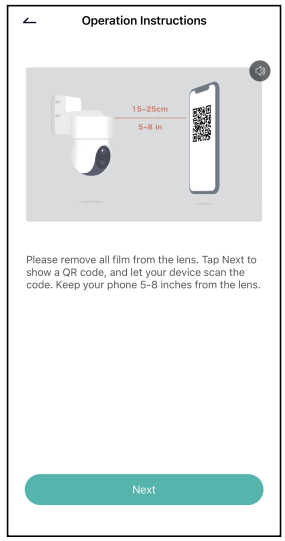



b. Check if Nano SIM card is inserted; if not, please insert the cards in time. Reset the camera.

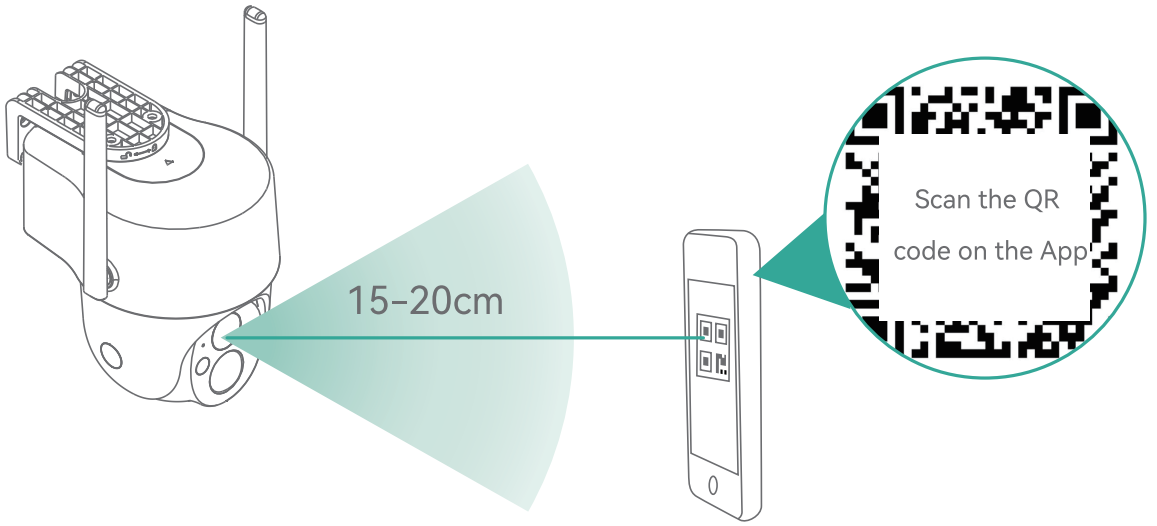



c. Use the device to scan the QR code displayed in the App on your phone. Place your phone, and device close together for best connectivity.



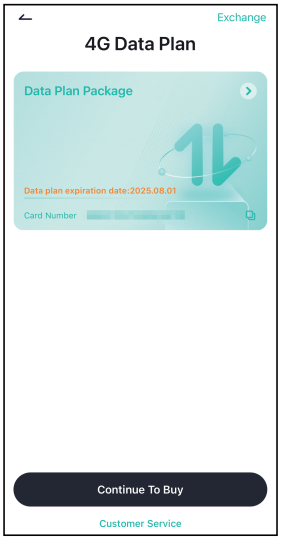



d. Complete the configuration.

## 4 Buy 4G data plan (optional)

It is recommended to purchase 4G Data Plan on the Meari App. (This function is limited to Nano SIM card sold by Meari)



# Installation

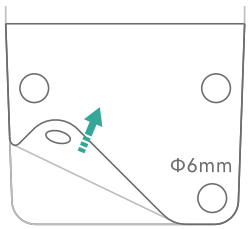
Note: Make sure the wall is strong enough to withstand 3 times the weight of the device.

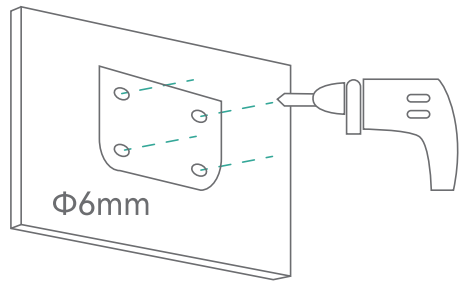
Before installation, please check the installation positions that will not affect the connection and usage, especially to ensure that the solar panel can be fully illuminated.

## 1 Installation

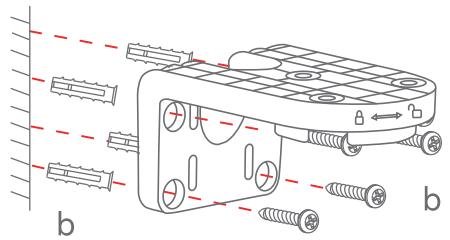
### Installation method 1: wall mounting

a. Tear off the needed drilling template. Apply the drilling template to the selected wall and make holes with a drill (Φ6mm).



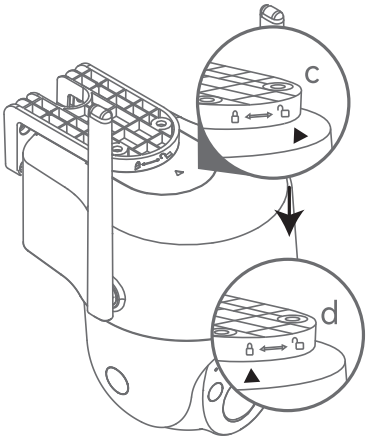




b. Install the expansion screws and the mounting screws.



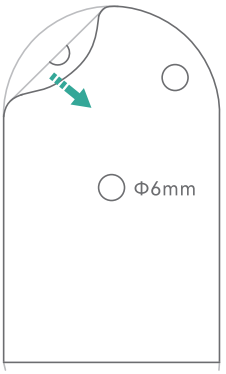
c. Insert the camera into the bracket and point the camera arrow at the bracket Unlock logo.

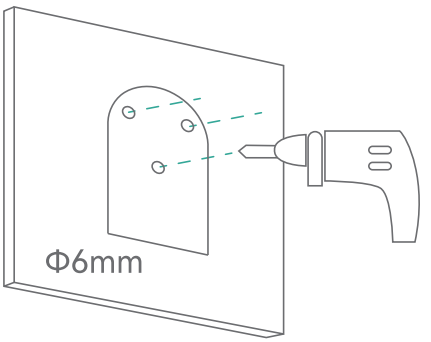
d. Rotate the camera until it snaps into the bracket with the arrow pointing at the Lock logo.



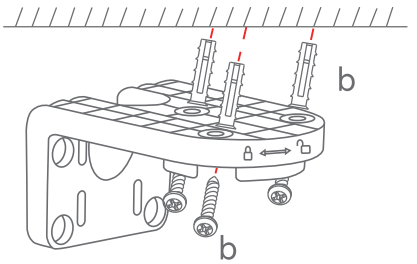

**Installation method 2: ceiling mounting**

a. Tear off the needed drilling template. Apply the drilling template to the selected wall and make holes with a drill (Φ6mm).



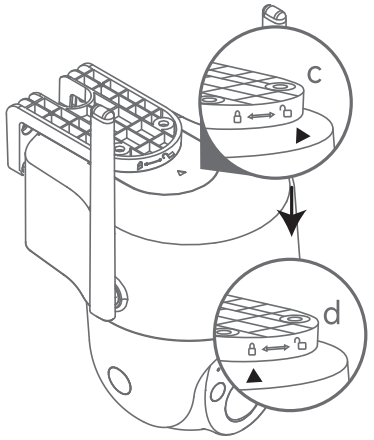




b. Install the expansion screws and the mounting screws.



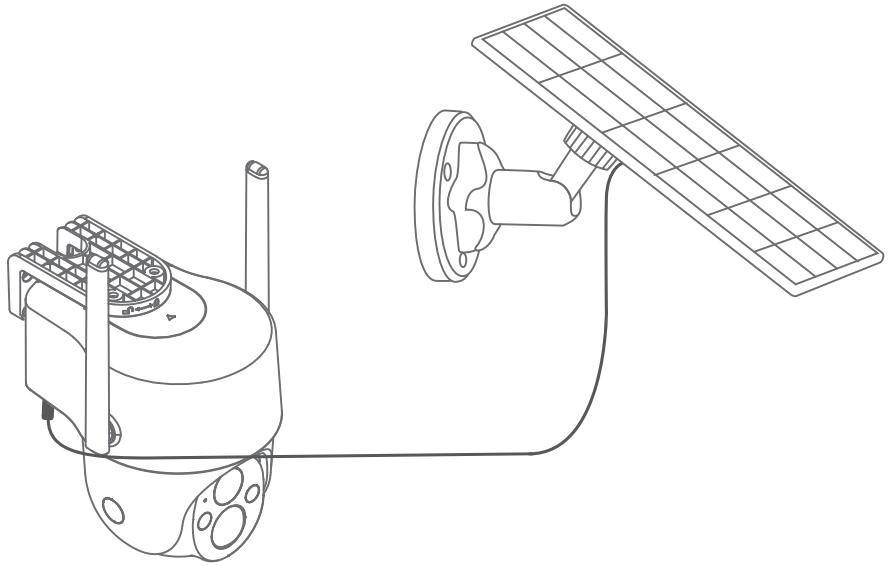
c. Insert the camera into the bracket and point the camera arrow at the bracket Unlock logo.

d. Rotate the camera until it snaps into the bracket with the arrow pointing at the Lock logo.




## 2 Camera and solar panel connection (optional)

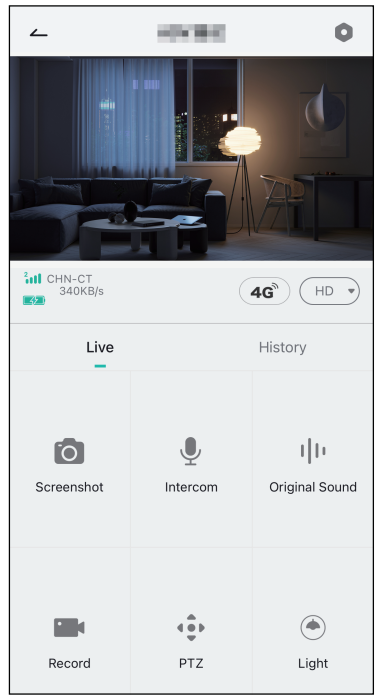
Connect the solar panel to the power port of camera.



# Live View

Note: The app interface may vary due to version updates. Please check the App Store for the latest updates.

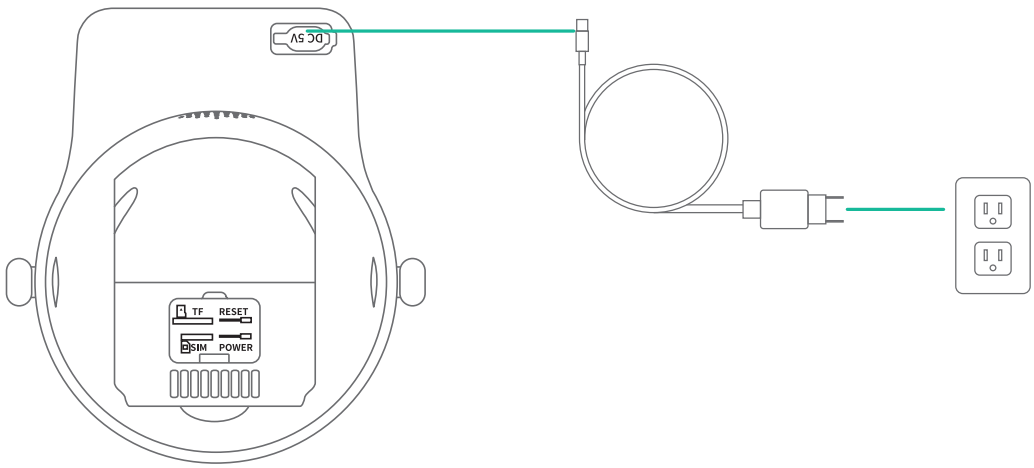
Open the App to watch live videos, take photos, talk through audio, record videos, and use other functions as needed.



# Charging

If you are not using a solar panel for power, the charging indicator will show red when the battery is low.

Connect the device to an outlet (DC 5V/2A) using the power cable. When the charging indicator turns blue, the battery is fully charged.



# Functions

AOV (Always on Video)

By utilizing the latest AOV tech, the battery camera allows for 24-hour recording and event recognition up to 30 meters, addressing the limitations of traditional low-power devices that do not record when there is no triggering event.

When no one is detected, the device captures video at a user-set frame rate, eliminating invalid frames to save up to 90% of power and storage space. When a person is detected, the device immediately switches to live recording.

# FAQs

Q: The device cannot be previewed properly?

A: Ensure that the Nano SIM card has not run out of data.

Check for network activity on the Nano SIM card.

Q: Why is the device still in the list of devices after reseting?

A: What the device resets are the network settings only. To completely remove the device, please launch the App and delete your device.

Q: Why doesn't the device recognize the SD card?

A: It is recommended to insert the SD card after power is cut. Confirm whether the SD card is normally available and the format is FAT32. The SD card can't be recognized when the Internet environment is not good.

Q: Why I can't get the notifications with App?

A: Please confirm that the App has been running on the phone, and the relevant reminder function has been enabled. Also, please confirm the message notification and authority confirmation of the phone system have been enabled.

Q: How to unlock the SIM PIN for my Nano SIM card not purchased from Meari?

A: Most SIM PINs can be set up to unlock on your phone:
For IOS system:
1. Insert your Nano SIM card.
2. On your phone, go to Settings > Cellular > SIM PIN.
3. Under SIM PIN, touch to disable the **SIM PIN** by entering PIN code.
For Android system:
1. Insert your Nano SIM card.
2. On your phone, go to Settings > Security > More settings > Set up SIM lock.
3. Under Set up SIM lock, touch to disable the **Lock SIM card** by entering PIN code.
If the SIM PIN cannot be unlocked or is invalid, please contact your carrier.

# Tech Specs

| Model: V1 | |
|---|---|
| Resolution | 2304(H) x 1296(V) |
| Field of view | 90°/50°/110° |
| Pan/Tilt | Pan:0°~350°, Tilt:0~90° |
| Night visibility | Up to 30 m (98.4 ft) |
| Working temp | -20°C to 50°C |
| Local storage | SD card (up to 512GB) |
| Input power | DC 5V / 2A |
| Consumption | Up to 4.5W |
| Capacity | 10400mAh rechargeable Li battery |
| Supported phone OS | iOS 9 / Android 5.0 or later |
| Bluetooth | 2400-2483.5MHz (Max. power<20dBm) |
| LTE-FDD | LTE Band 1/3/7/8/20/28 (Max. power<25dBm) (For CE)<br>LTE Band 2/4/5/12/13/66 (Max. power<25dBm) (For FCC) |

# Certifications



Don’t throw batteries or out of order products with the household waste (garbage). The dangerous substances that they are likely to include may harm health or the environment. Make your retailer take back these products or use the selective collect of garbage proposed by your city.

CE

Hereby, we declare that the radio equipment type **V1** is in compliance with the Directive 2014/53/EU.
The full test of the EU declaration of conformity is available at the following Internet address:
http:// www.meari.com

**Specific precautions for EMC**

This is a Class B product, in a domestic environment, this product may cause radio interference, in which case the user may be required to take adequate measures.

**RF EXPOSURE INFORMATION**

This device meets the EU requirements (2014/53/EU) on the limitation of exposure of the general public to electromagnetic fields by way of health protection.

**Power Adapter Safety**

1. The power plug is intended to serve as a disconnect device. Do not drop or cause an impact to the power adapter.
2. If the power cable is damaged (for example, the cord is exposed or broken), or the plug loosens, stop using it at once. Continued use may lead to electric shocks, short circuits, or fire.
3. Do not touch the device or the power adapter with wet hands. Doing so may lead to short circuits, malfunctions, or electric shocks.

**Child's Safety**

1. Comply with all precautions with regard to child's safety. Letting children play with the device or its accessories may be dangerous.
2. The device and its accessories are not intended for use by children. Children should only use the device with adult supervision.

**Operation Requirements**

1. Use the device under allowed humidity and temperature conditions.
2. Do not aim the device at strong light sources (such as lamplight, and sunlight) when focusing it, to avoid reducing the lifespan of the CMOS sensor, and causing overbrightness and flickering.
3. Observe local laws and regulations, and respect the privacy and legal rights of others.

**Industry Canada (ISED) Compliance Statement**

This device complies with Industry Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:
(1) This device may not cause interference; and
(2) This device must accept any interference, including interference that may cause undesired operation of the device.
Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence.L'exploitation est autorisée aux deux conditions suivantes :
(1) l'appareil ne doit pas produire de brouillage;
(2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptibled'en compromettre le fonctionnement.

The device meets the exemption from the routine evaluation limits in section 2.5 of RSS 102 and compliance with RSS-102 RF exposure, users can obtain Canadian information on RF exposure and compliance.
Le dispositif rencontre l'exemption des limites courantes d'évaluation dans la section 2.5 de RSS 102 et la conformité à l'exposition de RSS-102 rf, utilisateurs peut obtenir l'information canadienne sur l'exposition et la conformité de rf.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter. This equipment should be installed and operated with a minimum distance of 20 centimeters between the radiator and your body.
Cet émetteur ne doit pas être Co-placé ou ne fonctionnant en même temps qu'aucune autre antenne ou émetteur. Cet équipement devrait être ins tallé et actionné avec une distance minimum de 20 centimètres entre le radiateur et votre corps.

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

**RF EXPOSURE WARNING**
FCC Radiation Exposure Statement: This device complies with FCC radiation exposure limits set forth for an uncontrolled environment and it also complies with Part 15 of the FCC RF Rules. This equipment must be installed and operated in accordance with provided instructions and the antenna(s) used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter. End-users and installers must be provide with antenna installation instructions and consider removing the no-collocation statement.

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, and (2) this device must accept any interference received, including interference that may cause undesired operation.

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

**BATTERY SAFETY**
1. Your device contains a rechargeable lithium-ion battery and should be replaced only by a qualified service provider. Do not disassemble, open, crush, bend, deform, puncture, shred or attempt to access the battery in your device.
2. Do not modify or remanufacture the battery, attempt to insert foreign objects into the battery, or immerse or expose it to water or other liquids, expose to fire, explosion or other hazard.
3. DO NOT use a battery if its case appears damaged, swollen, or compromised. Examples include, but are not limited to, leaking, odors, dents, corrosion, rust, cracks, swelling, melting, and scratches.
4. Do not put the battery in trash that is disposed of in landfills. When disposing of the battery, comply with local ordinances or regulations.

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V1.3 202506

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