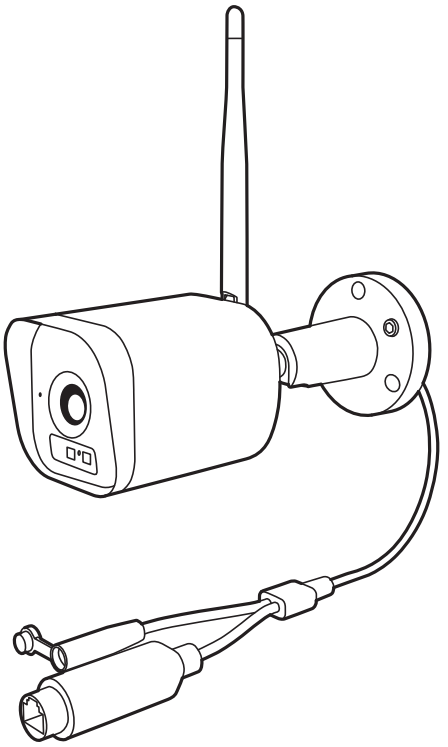
MEARI

Outdoor Fixed Smart Wi-Fi Camera

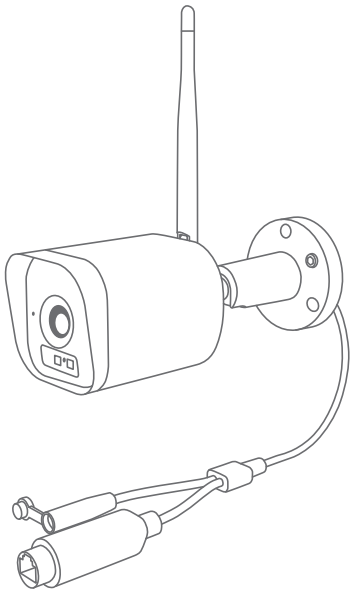
L1 Plus



Quick Start Guide

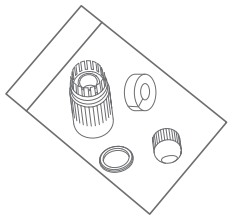
What’s in the Box

Please consult this checklist for all parts.



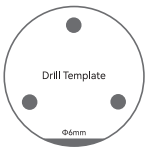
Camera X1

Screw package X1

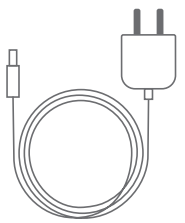


Waterproof terminal X1

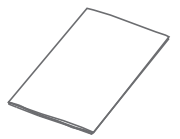
Screwdriver X1



Drill template X1

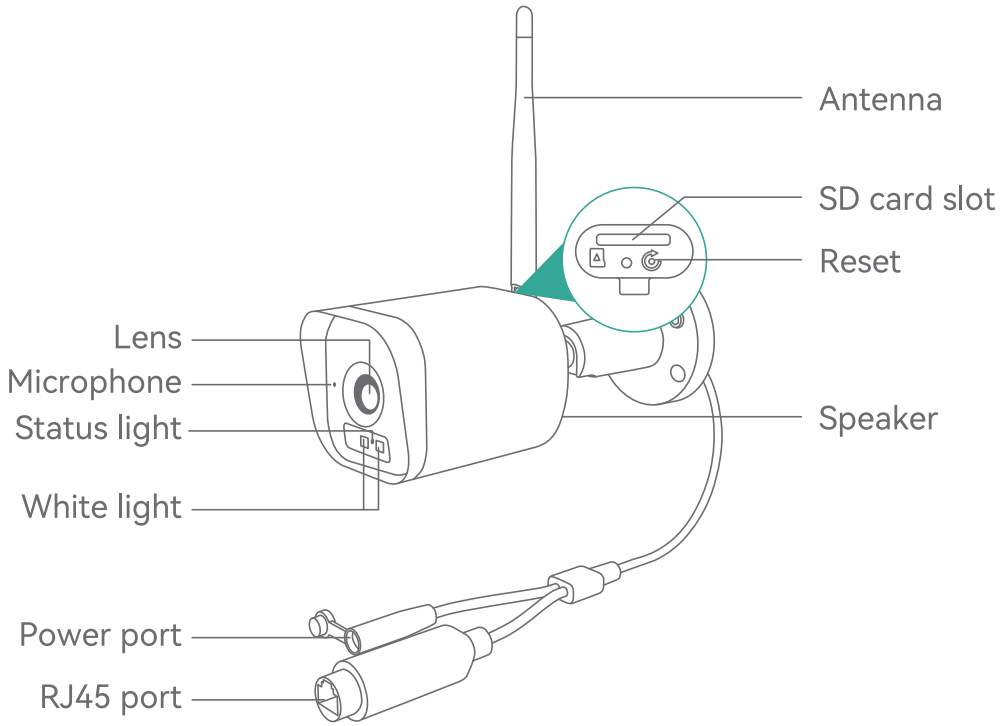


Power adapter X1



Quick guide X1

Description



Name	Description
Power supply	DC 12V/1A
Status light	Solid red: Network malfunction Blinking red slowly: Waiting for network connection Blinking red fast: Connecting the network Solid blue: Functioning properly
SD card slot	SD card storage (up to 256GB)
Reset	Press and hold for 5 seconds to reset the device (all settings will be restored to factory defaults)
RJ45 port	Interface for wired network. Support to connect the camera to the network through a network cable, if the camera is installed in a place where wireless network is not available, such as a basement. Make sure that the network cable is directly connected to a router.

Get the App

1 Download 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

2 Set up router

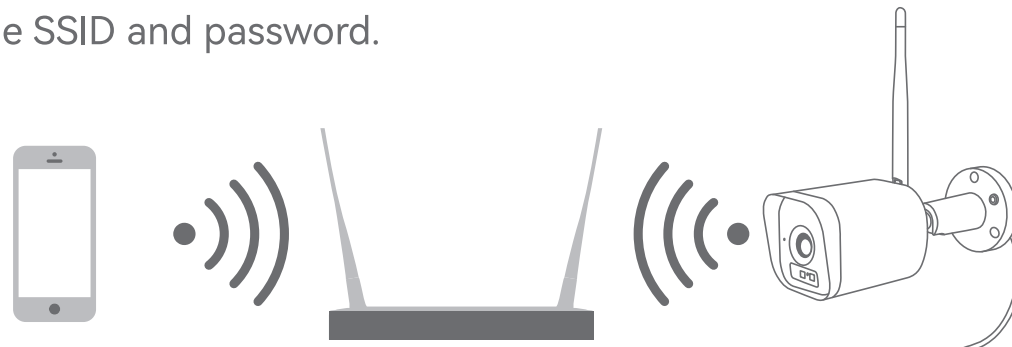
Note: If your device has trouble connecting to the network, or if you wish to switch networks, press and hold the RESET button for 5 seconds to reset the device.

For Wi-Fi network, the length of the SSID and password should not exceed 24 characters.

For wired network, the length of the network cable should be long enough to connected to the router or repeater.

Pairing method 1: Wi-Fi network

The device supports 2.4GHz & 5GHz Wi-Fi. Ensure you have the SSID and password.

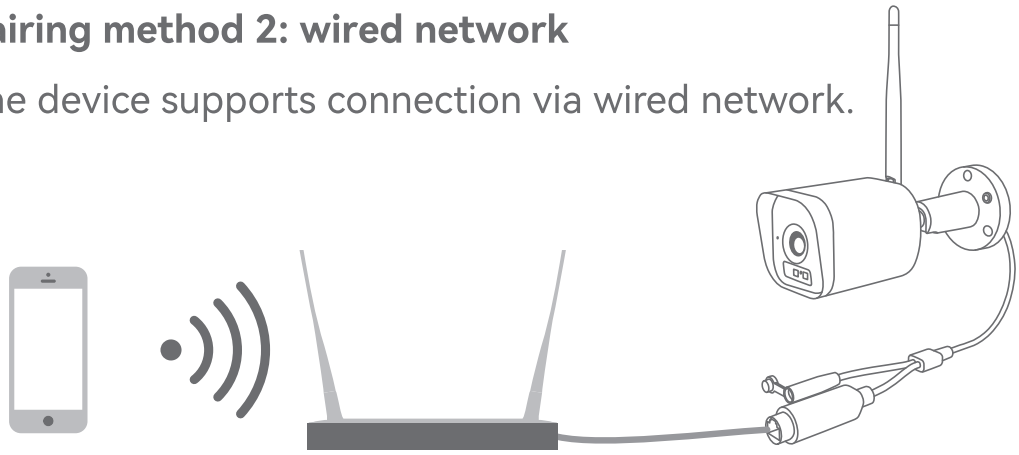


Please keep network available

2.4GHz ✓ 5GHz ✓

Pairing method 2: wired network

The device supports connection via wired network.



Please keep network available

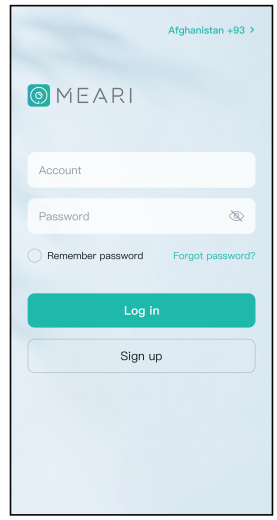
Registration

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

1 Sign up

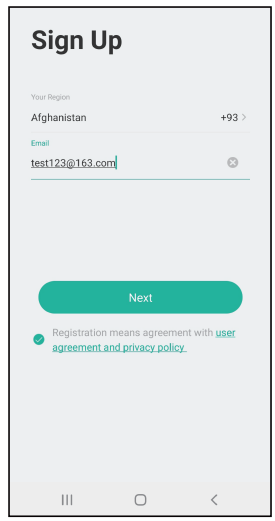
Open the App, and tap **Sign up** to register.

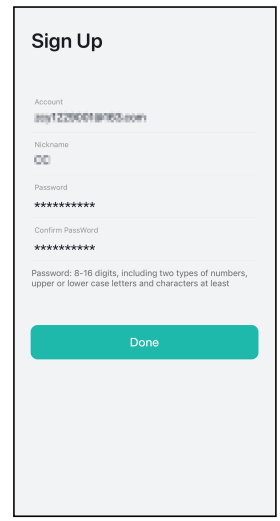
If you already have an account, tap **Log In** to access it.



2 Complete registration

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



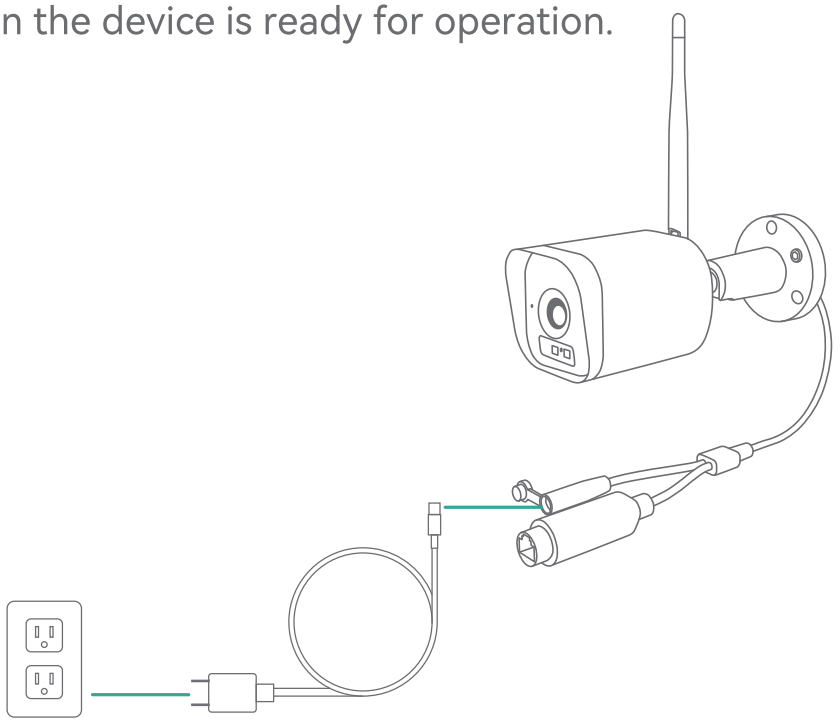


Note: Before creating a new account, please read the Privacy Policy and Terms of Use carefully.

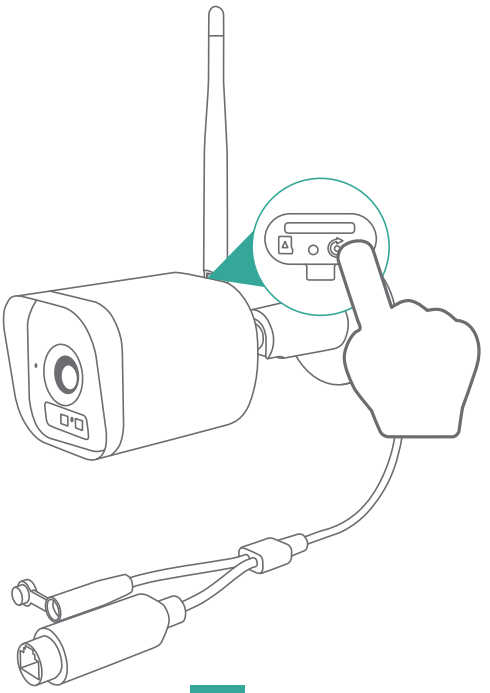
Add Device

1 Power on the device

Plug the device into an outlet. An audible sound will play when the device is ready for operation.



Note: If the device is not in the red slow flashing after 30 seconds of turning on, press and hold the reset button for 5 seconds to reset, and then restart to pair the device with the App.



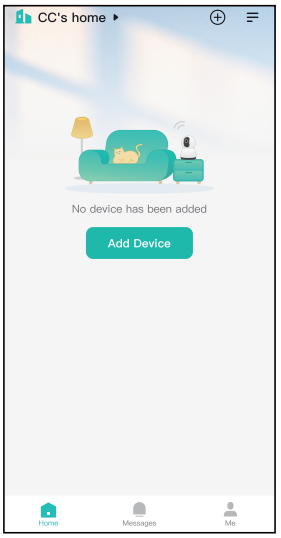
2 Enable Bluetooth on your phone

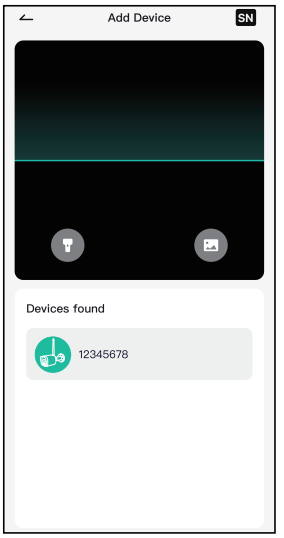
3 Pair device to the App

Note: There are 4 pairing methods: via Wi-Fi network (Bluetooth; QR code on device; QR code on App) and via wired network (network cable). Please choose the method according to actual needs.

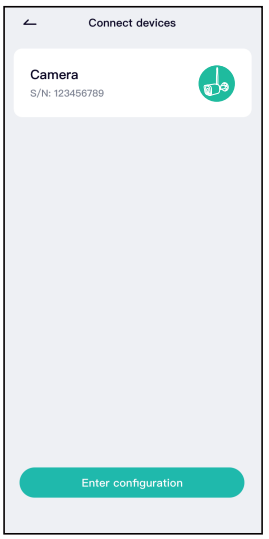
Pairing method 1: pairing via Bluetooth

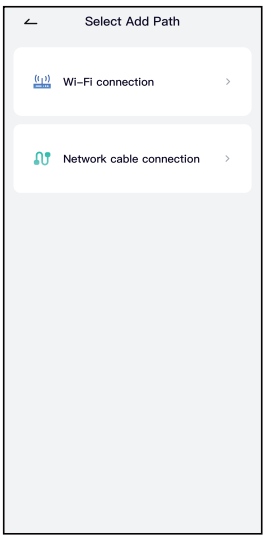
a. In the App, tap **Add Device** or **+**. The device will be searched for via Bluetooth and appear on the screen.





b. Tap **Wi-Fi connection** as the method to add.

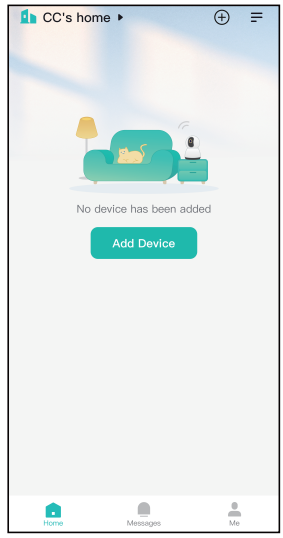


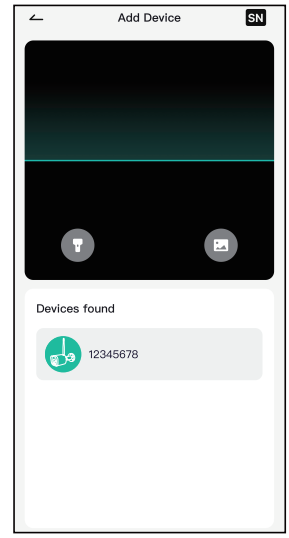


c. Complete the network configuration.

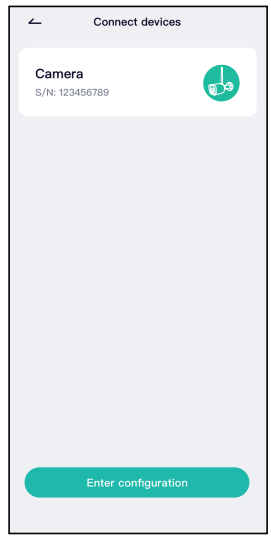
Pairing method 2: pairing via QR code on device

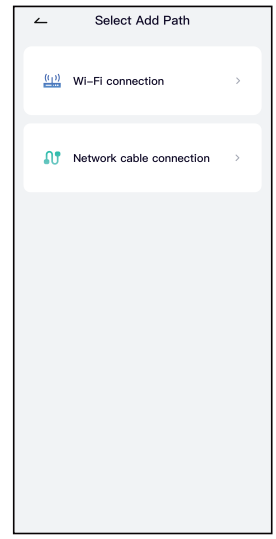
a. In the App, tap **Add Device** or **+**. Scan the QR code located on the device casing.





b. Tap **Wi-Fi connection** as the method to add.

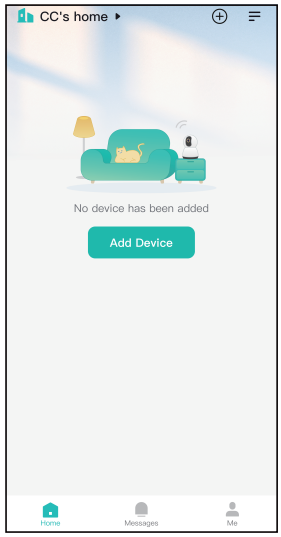


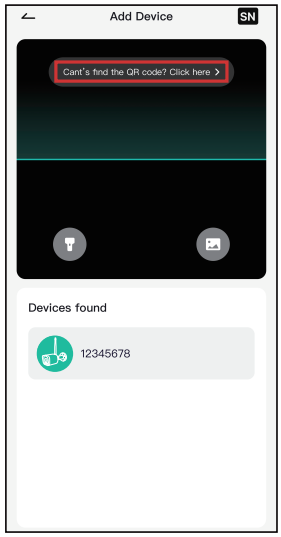


c. Complete the network configuration.

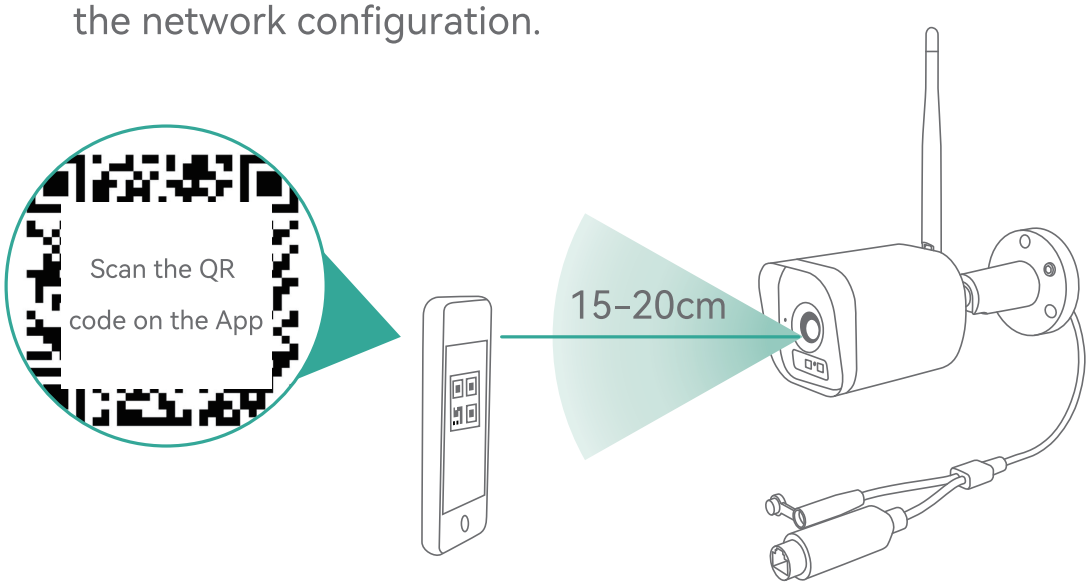
Pairing method 3: pairing via QR code on App

a. In the App, tap **Add Device** or **+**.





b. Select the icon according to actual device and complete the network configuration.

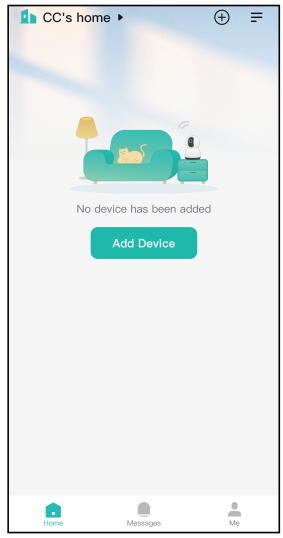


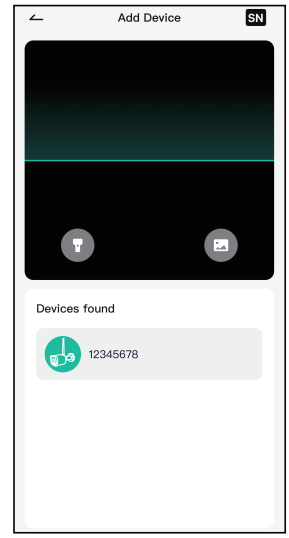
Pairing method 4: pairing via network cable

a. Set up the parameters of router. For more details, see page 4.

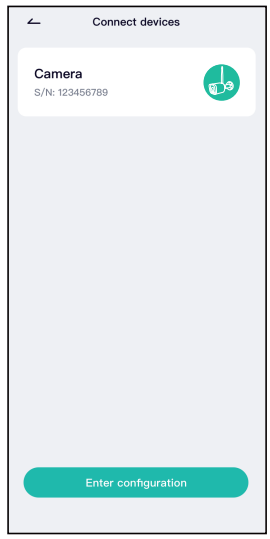
b. Connect one end of the network cable to the device and the other end to the router that provides Wi-Fi for the mobile phone.

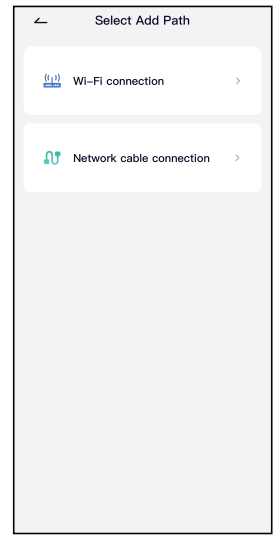
c. In the App, tap **Add Device** or **+**. Scan the QR code located on the device casing, or tap the needed device in the list of **Devices found**.





d. Tap **Network cable connection** as the method to add.



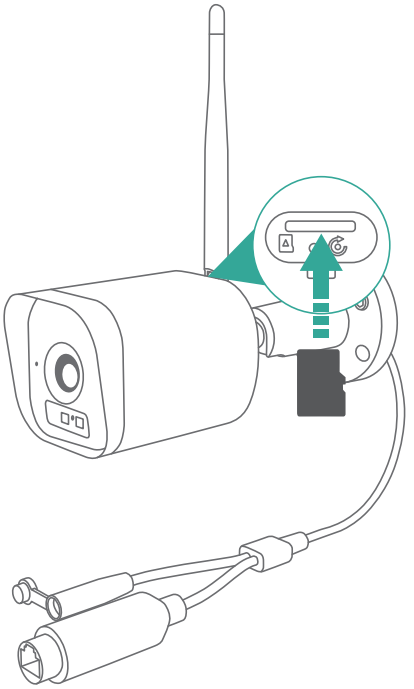


e. Complete the network configuration.

Installation

1 SD card installation (optional)

Insert the TF card (sold separately) into the TF card slot.



2 Find a position

Find a position where the field of view meets your need.

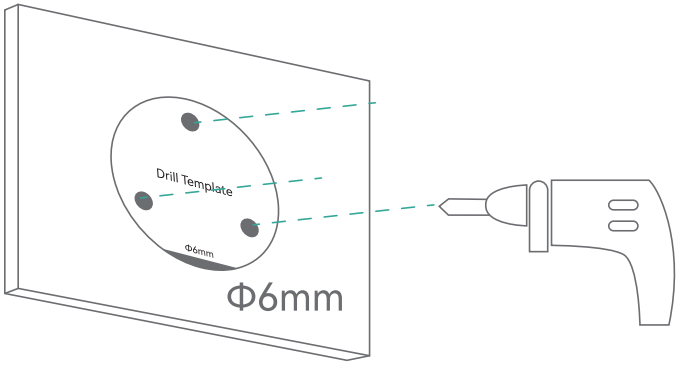
Consider the below factors:

- Avoid direct sunlight.
- Avoid the front of the lens facing the plant or porch light.
- Avoid facing a busy road.

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

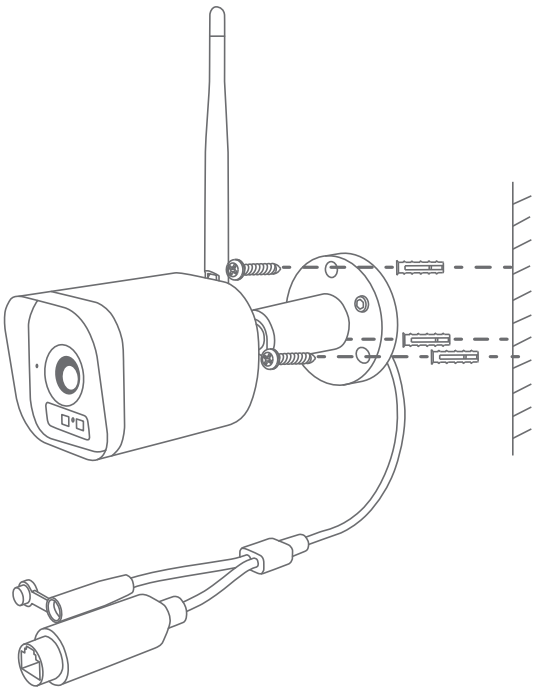
3 Drill

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



4 Install the camera

Use screws and bracket to install the camera.

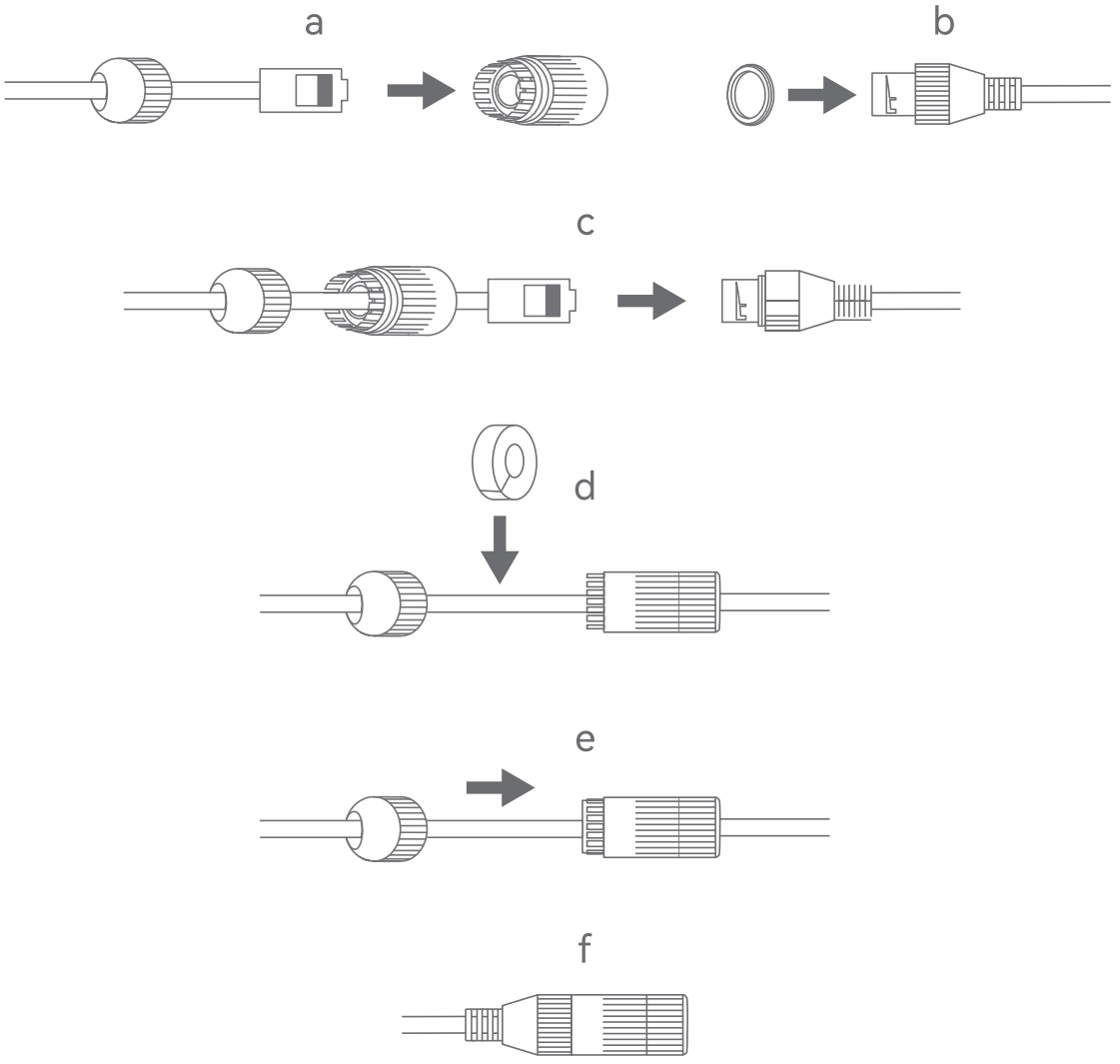


5 Adjust the angle (optional)

You can loosen the screw to adjust the angle horizontally or vertically by manual. After adjusting, please tighten the screw.

6 Waterproof terminal installation (optional)

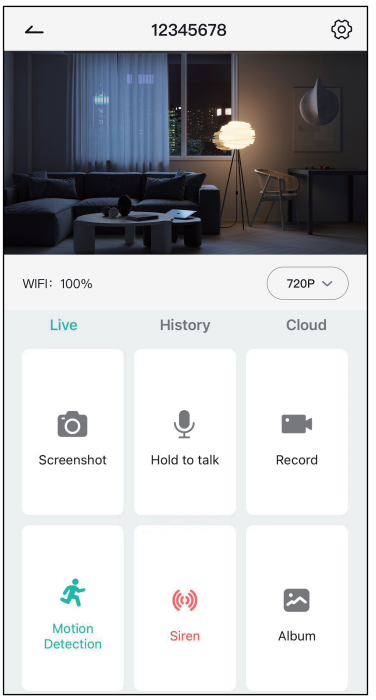
If you choose to use the network cable and the installation location is humid or easily splashed by rain, it is highly recommended to use waterproof terminal to prevent the line from short-circuiting when exposed to water.



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 view live feed, take snapshots, talk, record videos, and use other functions as needed.



FAQs

Q: The device cannot be previewed properly?

A: Check if the Wi-Fi network signal is strong.

If not, it is recommended to place the device closer to the router or reset the device and add it to the App again.

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: How to switch the Wi-Fi network to another one?

A: First, remove the device from the list and reset the device. Then, connect your phone to the target Wi-Fi network and then add the device to the App again.

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.

Tech Specs

Model: L1	
Resolution	2304(H) x 1296(V)
Field of view	85°/45°/95°
Night visibility	Up to 30m (98.4ft)
Working temp	-20°C to 50°C
Local storage	SD card (up to 256GB)
Input power	DC 12V / 1A
Consumption	Up to 4.5W
Supported phone OS	iOS 9 / Android 5.0 or later
Bluetooth	2400-2483.5MHz (Max. power<20dBm)
2.4GHz Wi-Fi	2412-2472MHz (Max. power<20dBm) (For CE) 2412-2462MHz (Max. power<30dBm) (For FCC)
5GHz Wi-Fi SRD	5150-5725MHz (Max. power<23dBm) (For CE) 5725-5850MHz (Max. power<14dBm)
5GHz Wi-Fi	5150-5850MHz (Max. power<23dBm) (For FCC)
Network interface	RJ45

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 **L1** 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.

Restrictions declaration in the 5 GHz band

The device for operation in the band 5150-5250 MHz is only for indoor use to reduce the potential for harmful interference to co-channel mobile satellite systems.

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.

Restrictions declaration in the 5 GHz band

The device for operation in the band 5150-5250 MHz is only for indoor use to reduce the potential for harmful interference to co-channel mobile satellite systems.

Les dispositifs fonctionnant dans la bande 5150-5250 MHz sont réservés uniquement pour uneutilisation à l'intérieur afin de réduire les risques de brouillage préjudiciable aux systèmes de satellites mobiles utilisant les mêmes canaux.

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