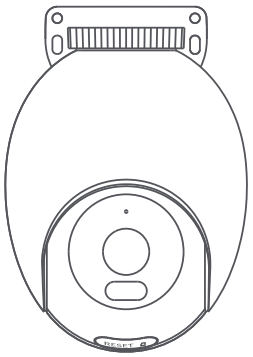
IMILAB EC6
Outdoor Security Camera
User Manual

Scan the QR code for the tutorial
on how to use the camera.

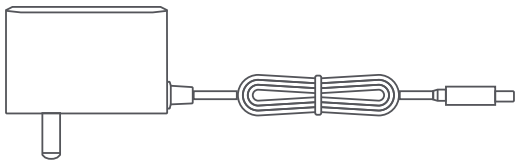
Please read this manual carefully before using the device
and retain it for future reference.

Product Introduction

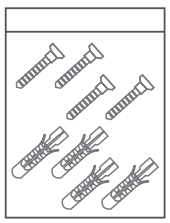
- Package List



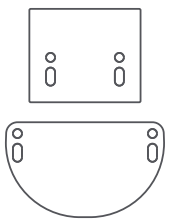
IMILAB EC6
Outdoor Security Camera



Power adapter



Wall mounting pack

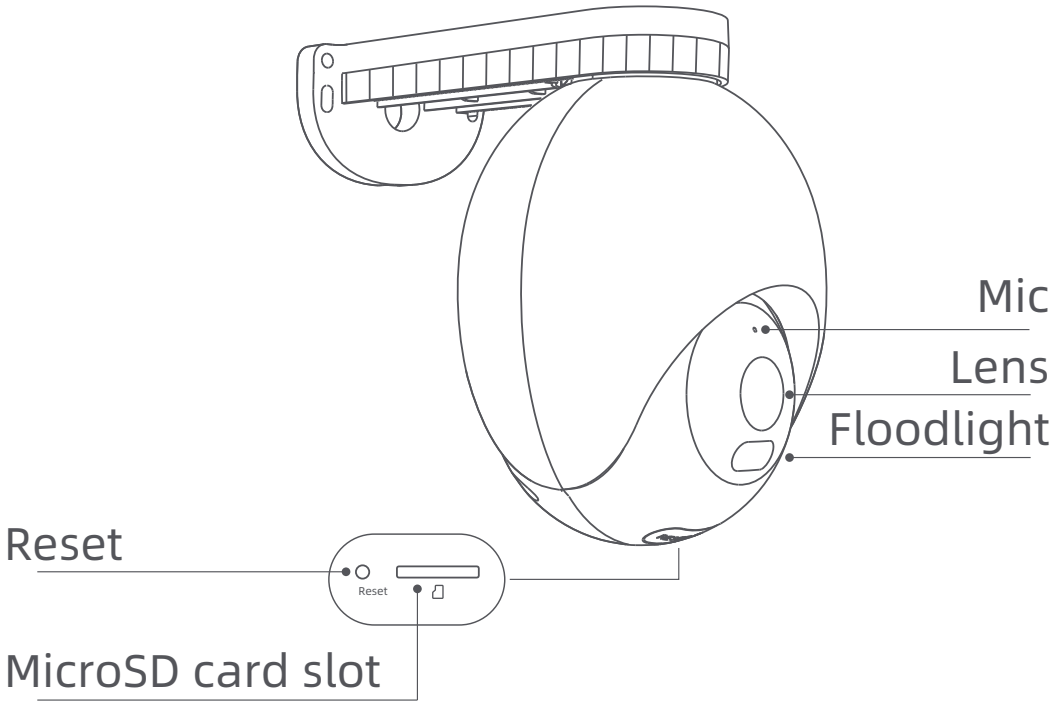


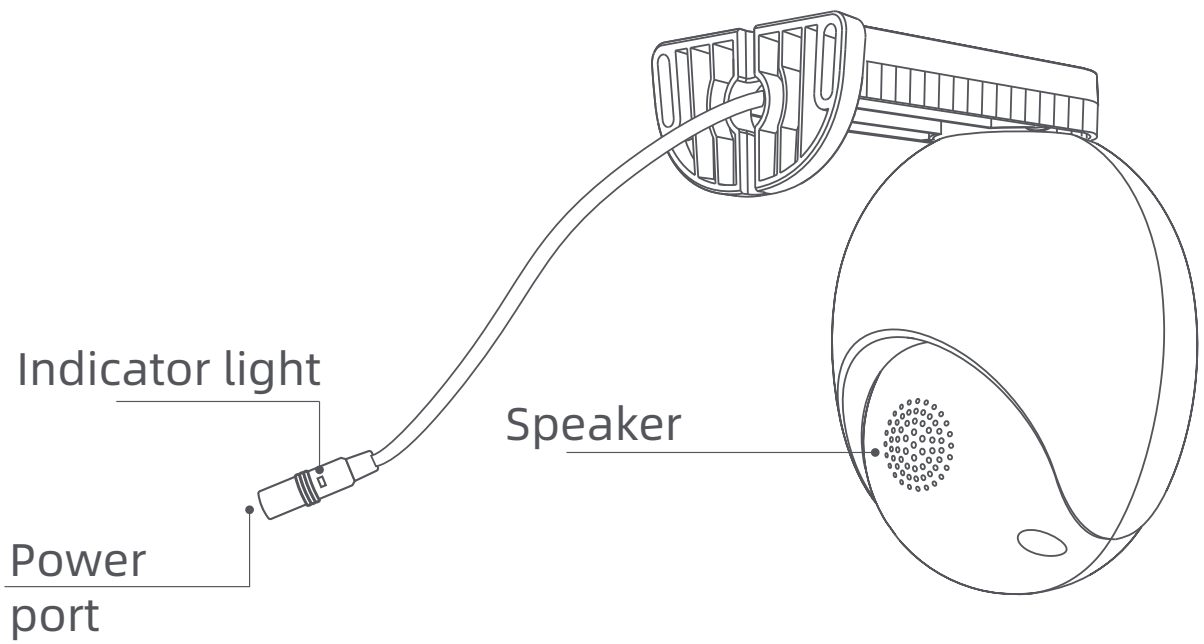
Mounting sticker



User manual

• Product Appearance





Connect to Power Source

- Power On

Insert the power supply cable into the camera's power supply port.



Note: Do not twist the camera’s dome to force it to rotate after it is turned on. If the lens positioning is inaccurate, calibrate it with the app.

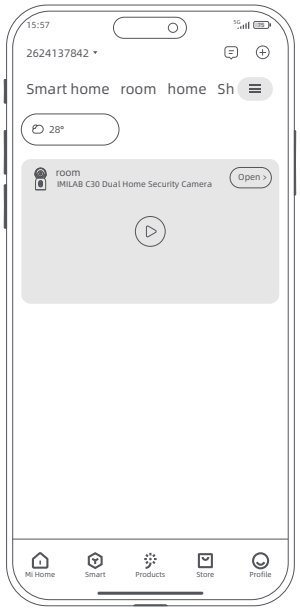
- Indicator Light

Solid green: Successful connection/normal status
Flashing green: Waiting for connection/network exception

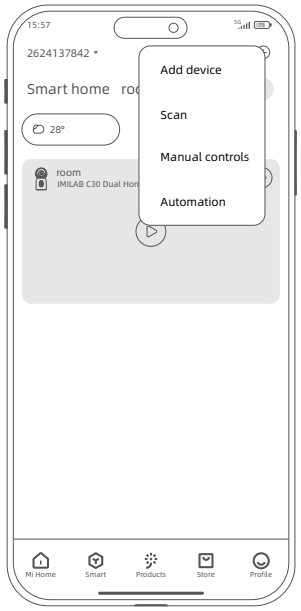
Connecting to Xiaomi/Mi Home App

1. Scan the QR code to download and install the app, sign up and log in.
2. Connect the camera to the app. Make sure the network is smooth when connecting, and the camera is turned on normally, the indicator light flashes quickly in green. When connection is successful, the indicator light turns to solid green.

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Open the app and tap the “+” at the top right corner.



Select “Scan” and scan the QR code on the camera body. Follow the step-by-step instructions to add the device.

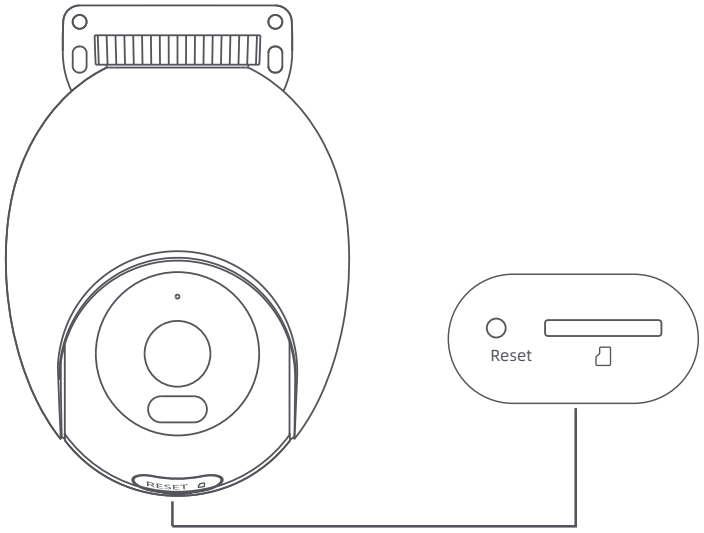
- Reset the Device if Required

Use a pin to press and hold the reset pinhole for about 7 seconds until the indicator light flashes green and the camera restores factory settings successfully. Then, reconnect to the app.
Note: Restoring the factory settings will not delete the contents of the MicroSD card.

Installing the Device

- Installing the MicroSD card

Ensure that the camera is disconnected from the power supply. Remove the protective case and expose the MicroSD card slot. Insert the microSD card into the card slot in the direction as illustrated.



Note:
1.The MicroSD card needs to be purchased separately. The camera can be used without a MicroSD card.
2.When inserting or removing the MicroSD card, please disconnect the camera from the power supply. Use a MicroSD card from a reputable manufacturer (up to 256GB). The recommended read and write speed of the MicroSD card is at least U1/Class 10.
3.After installing the MicroSD card or resetting the device, close the waterproof cover tightly before using it.

• FAQ

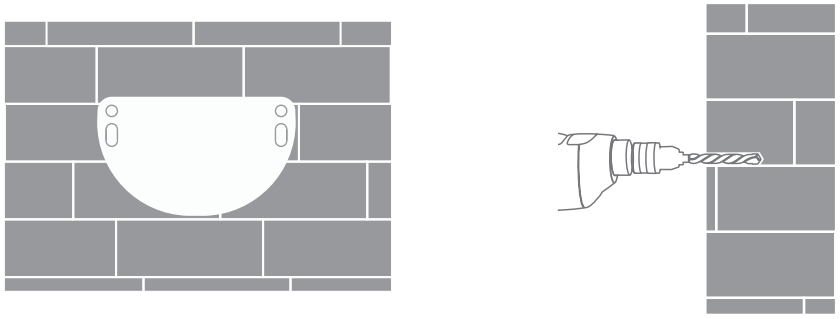
Scan the QR code for Frequently Asked Questions.

• Installing the Device

The device can be mounted on walls, ceilings, or poles.

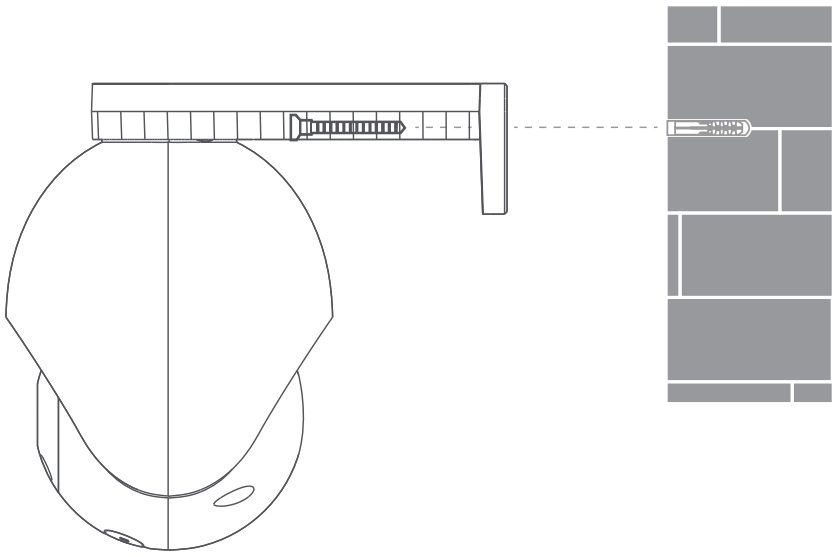
• Wall mounting

1. Attach the wall mounting positioning sticker on the desired installation location on a wall. Drill two holes at the positions indicated on the sticker. The drilling diameter should be around 6.0 mm with a depth of around 30 mm.



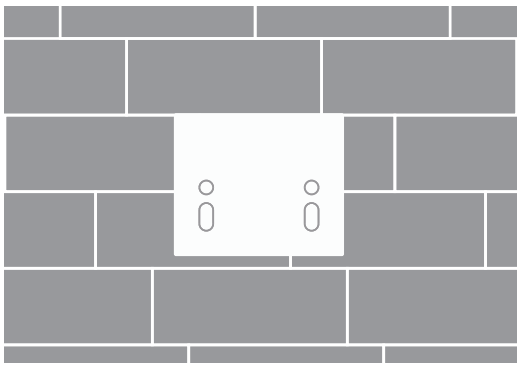
2. Insert two plastic expansion nuts into the wall. Put the base plate on the wall. Secure the base plate by inserting the screws into the expansion nuts.

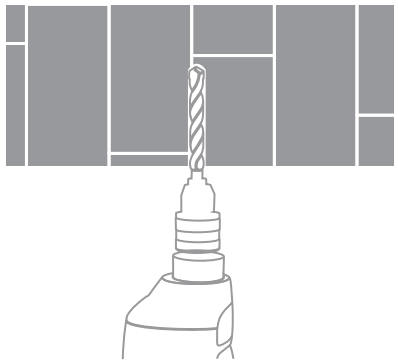
Note: The product must be hung horizontally after installation (see below).



• Ceiling mounting

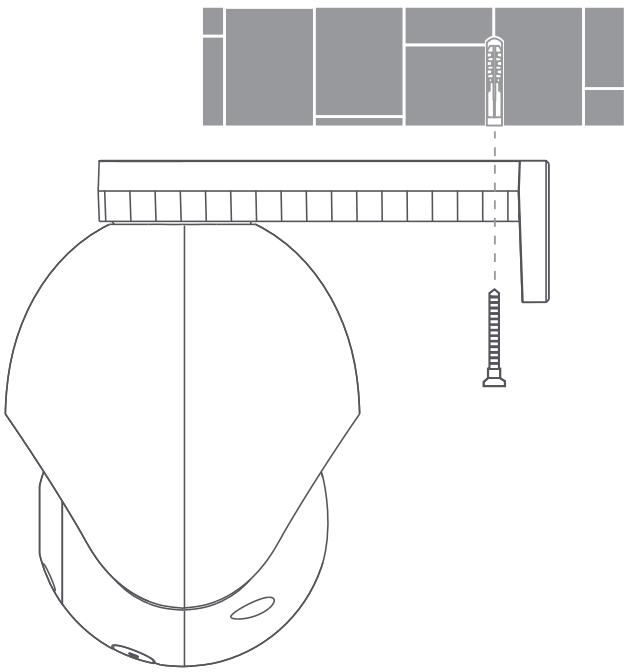
1. Attach the ceiling mounting positioning sticker on the desired installa- tion location on the ceiling. Drill two holes at the positions indicated on the sticker. The drilling diameter should be around 6.0 mm with a depth of around 30 mm.





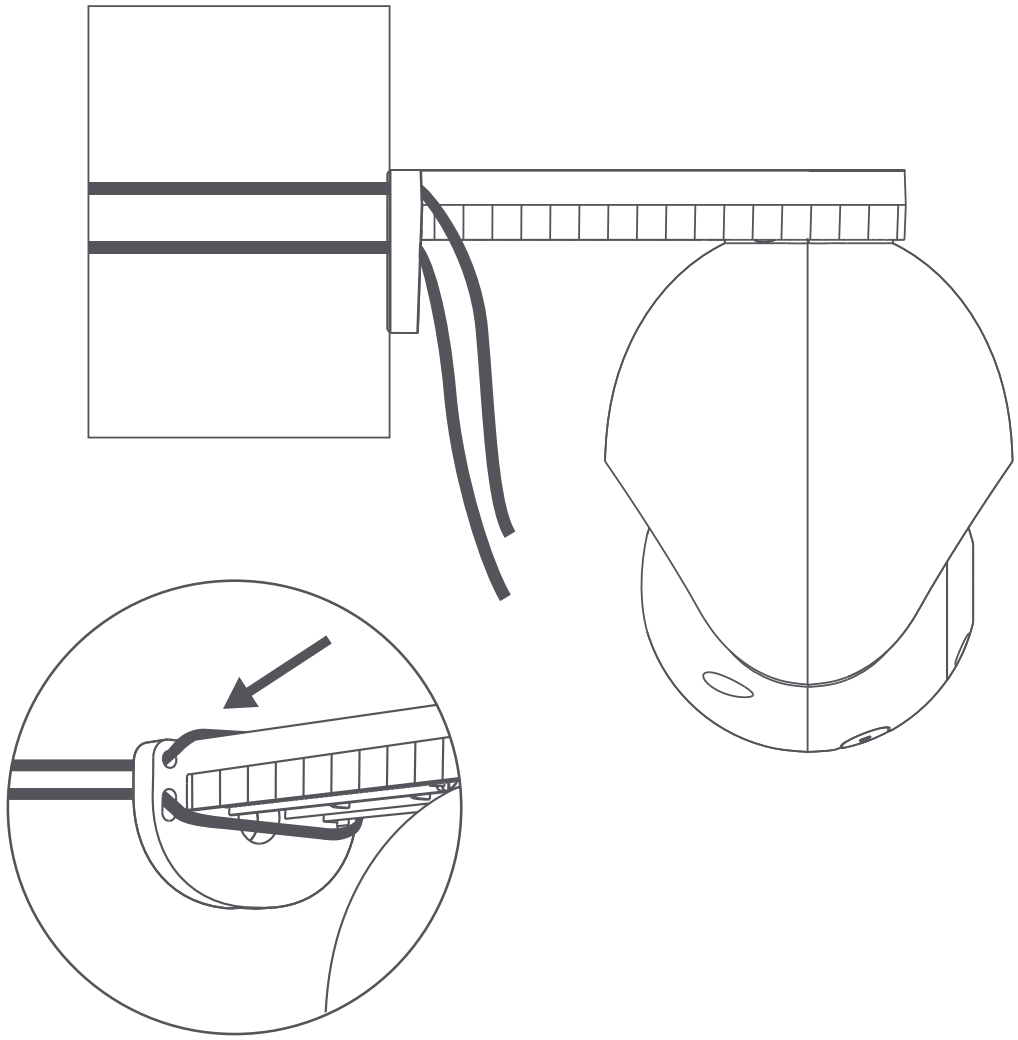
2. Insert two plastic expansion nuts into the wall. Put the base plate on the ceiling. Secure the base plate by inserting the screws into the expansion nuts.

Note: The product must be hung horizontally after installation (see below).



• Pole mounting

Note: The product must be hung horizontally after installation (see below).



⚠ **Notes on wall mounting:**

1. The wall on which the device is mounted must have a loading capacity of at least 3 times the weight of the device.
2. To avoid any damages or injuries, the device must be securely fastened to the floor/wall as specified in the installation instructions.

Basic Parameters

Product name: IMILAB EC6 Outdoor Security Camera
Dimensions: 161 × 105 × 150 mm
Model: CMSXJ65A
Net Weight: 469 g
Power input: 12V⎓1A
Video code: H.265
Resolution: 2880*1620
Storage: MicroSD card (up to 256GB)
Operating Temperature: -30℃~ 60℃
Wireless Connectivity: Wi-Fi IEEE 802.11 b/g/n/ax 2.4GHz
Operating Frequency Range: 2400-2483.5 MHZ
Max Output Power: ≤20 dbm
FCC ID:2APA9-CMSXJ65A

Precautions

• The working temperature of the device is -30℃ to 60℃. Do not use the device when the temperature is too high or too low.
• For better results, avoid placing the camera in front of or next to a glass surface, a white-colored wall or other reflective surfaces as this may cause the recording to have uneven lighting between the foreground and background or be overexposed.
• Please ensure that the device is within Wi-Fi signal coverage. Place it at a location with good Wi-Fi signal strength.
• Try to avoid placing the device near a metallic object, a microwave oven or other objects that may cause signal interference.
• Under normal use of condition, this equipment should be kept a separation distance of at least 20 cm between the antenna and the body of the user.

FCC Statement

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, and
(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. Thise quipment generates, uses, and canradiate 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.
FCC 20cm Statement: This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20cm between the radiator & your body. This transmi er must not be co-located or operating in conjunction with any other antenna or transmier.

WEEE Information



All products bearing this symbol are waste electrical and electronic equipment (WEEE as in directive 2012/19/EU) which should not be mixed with unsorted household waste. Instead, you should protect human health and the environment by handing over your waste equipment to a designated collection point for the recycling of waste electrical and electronic equipment, appointed by the government or local authorities. Correct disposal and recycling will help prevent potential negative consequences to the environment and human health. Please contact the installer or local authorities for more information about the location as well as terms and conditions of such collection points.

EU Declaration of Conformity

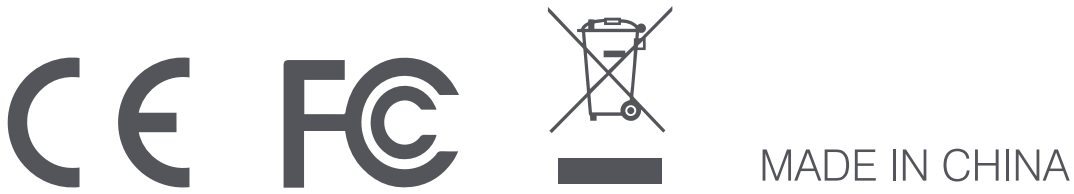
CE

Hereby, Shanghai Imilab Technology Co., Ltd. declares that the radio equipment type IMILAB EC6 Outdoor Security Camera is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address:
https://www.imilabglobal.com/pages/eu-declaration-of-conformity

The product complies with UK PSTI regulations, and we are committed to providing security updates and support for our products and applications for at least three years from their initial market release.

The full Declaration of Conformity can be found at https://www.imilab-global.com/pages/psti-declaration. For any issues, please contact us at help@imilab.com or submit the Issue Feedback Form via the link above.

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For further information, please go to www.imilabglobal.com.
Support: help@imilab.com
Warranty: https://www.imilabglobal.com/pages/warranty



MADE IN CHINA