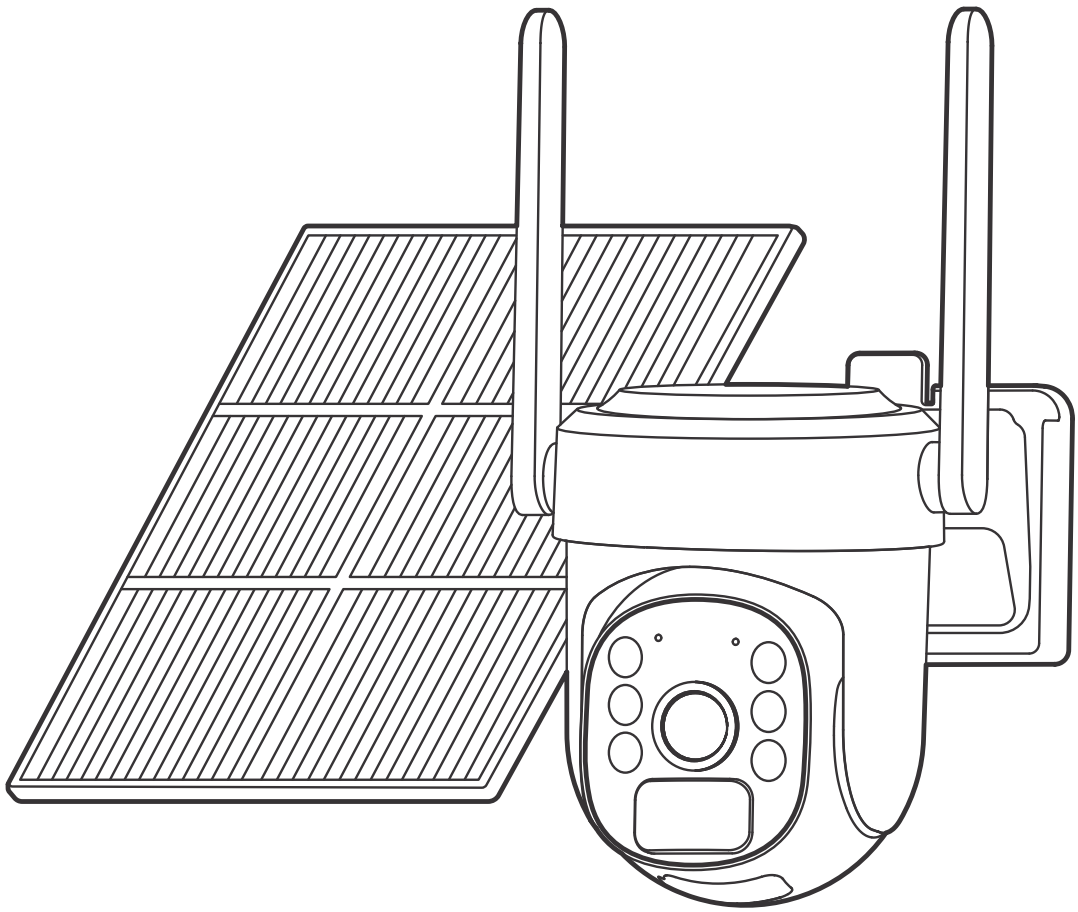
Smart PTZ Camera

S1

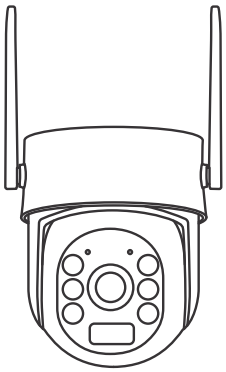


Quick Start Guide

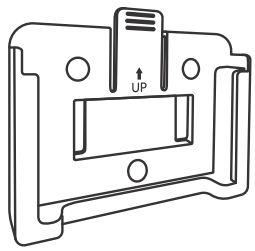
* Please scan the QR code to download the instruction manuals in German, Italian, French, Spanish and Japanese.

Contents

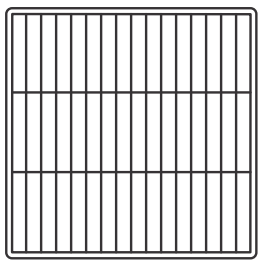
What's in the box



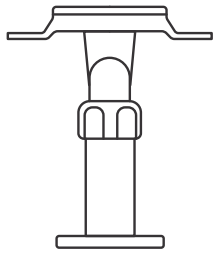
Smart PTZ camera *1



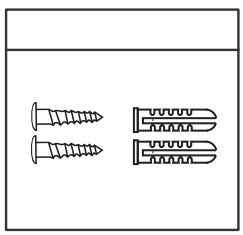
Mounting bracket *1
(For Smart PTZ camera)



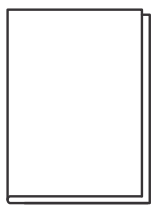
Solar panel *1



Mounting bracket *1
(For Solar panel)

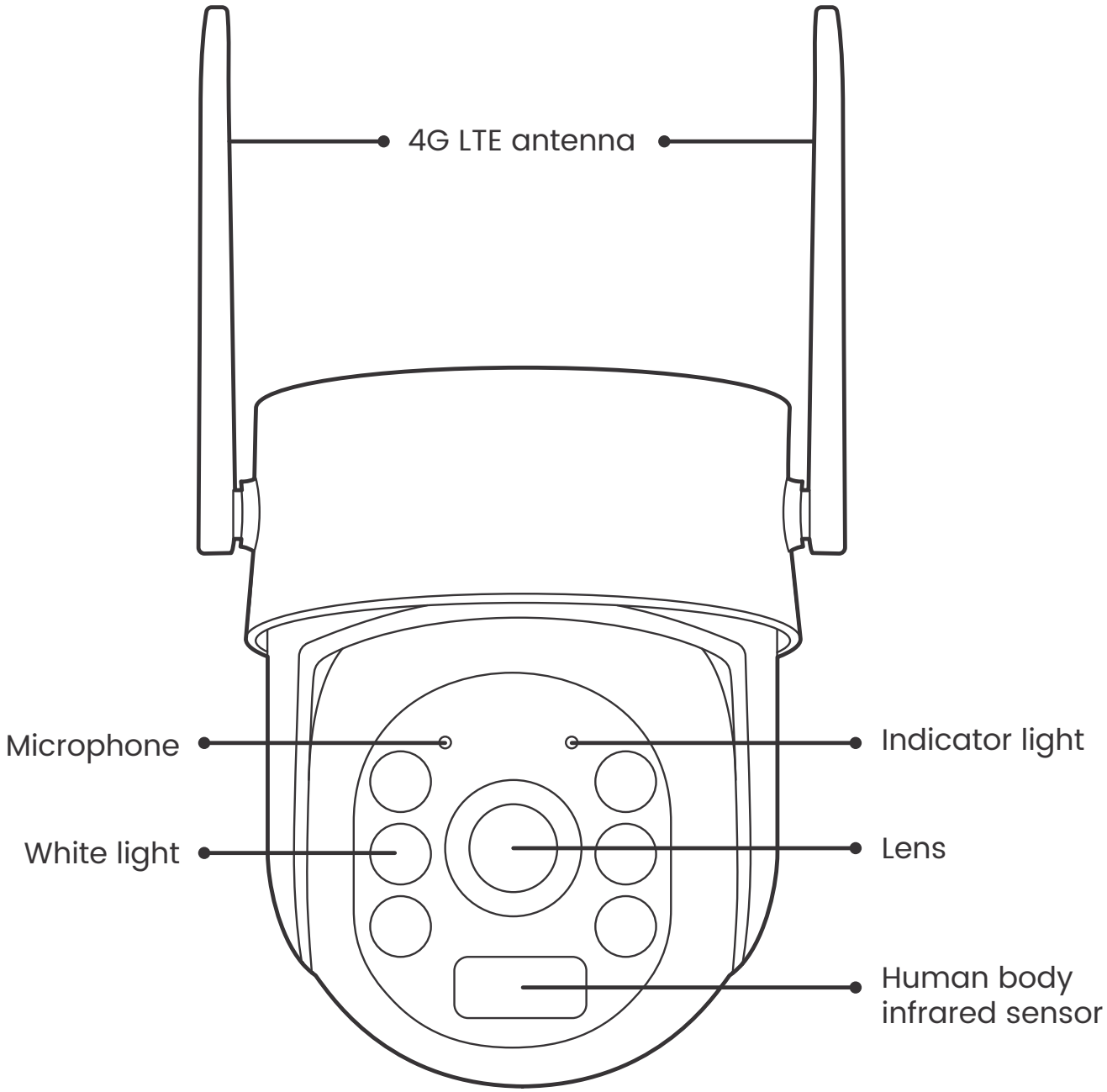


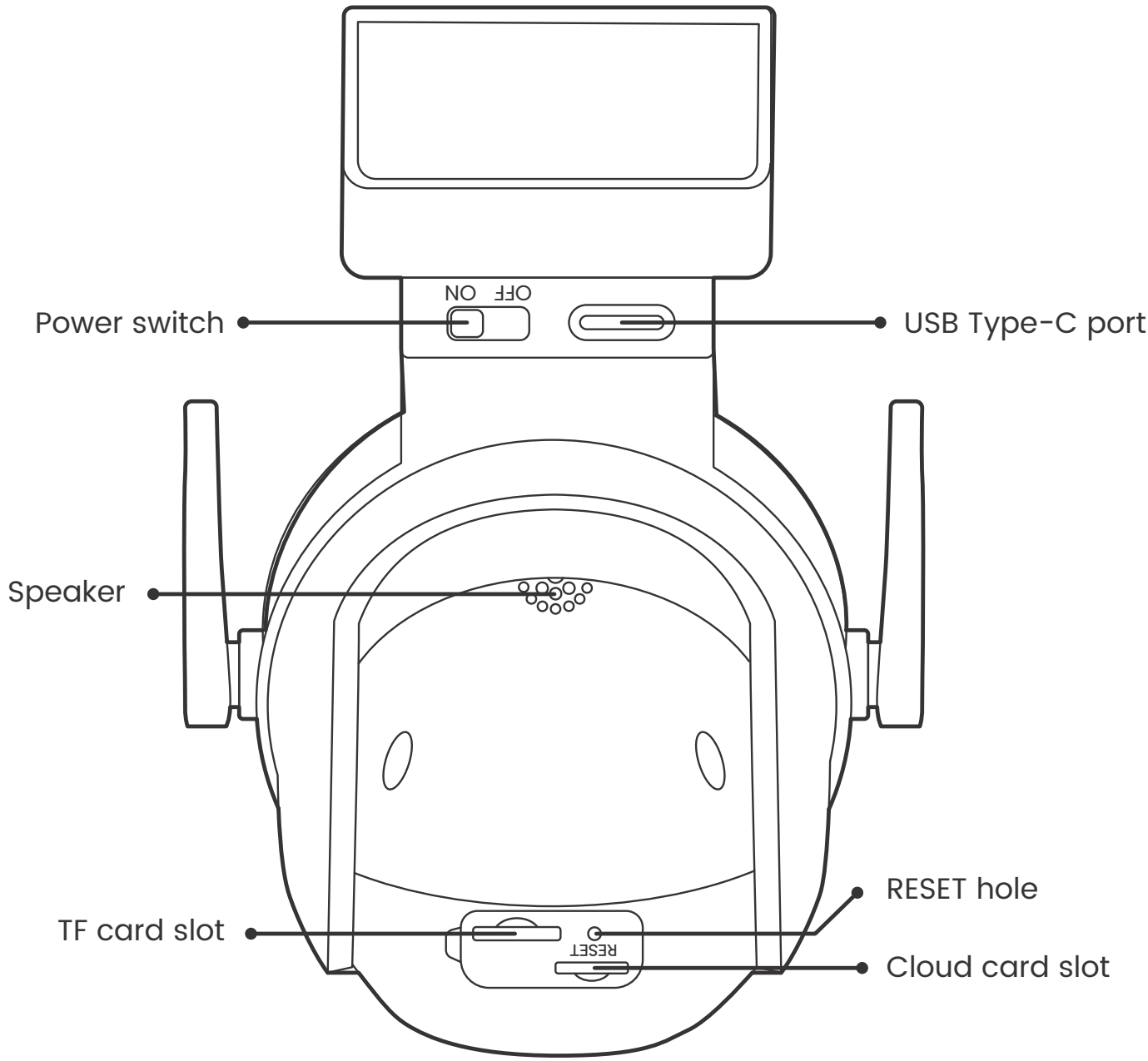
Screw *1



Quick start guide *1

Product appearance




Power switch
USB Type-C port
Speaker
RESET hole
TF card slot
Cloud card slot
ON OFF
RESET

Quick start

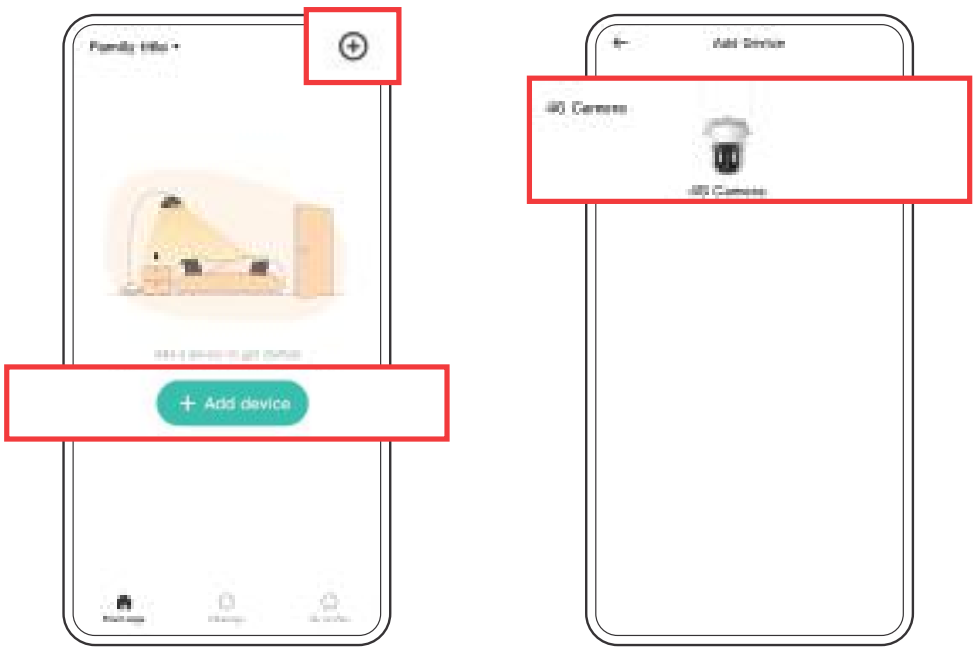
1. You can search **CamVigil APP** in the app store, and complete the user registration process in the app.

GET IT ON Google Play

Download on the App Store

Bind The Camera

Step 1: Open the app, tap the "+ Add device" on the front page or the " ⊕ " button in the top-right corner and select your device type.



Step 2: Turn the power switch to the "ON" position, then press and hold the "RESET" button for 5 seconds until the voice prompt is given and the blue indicator light flashes. Tap "Next step".

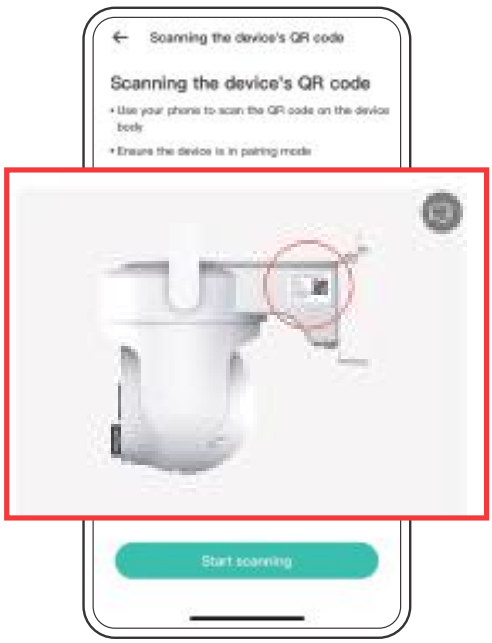
Step 3: Choose your preferred way to add the camera.

① Add via Bluetooth

This allows automatic searching for nearby enabled devices

② Add by scanning the device's QR code

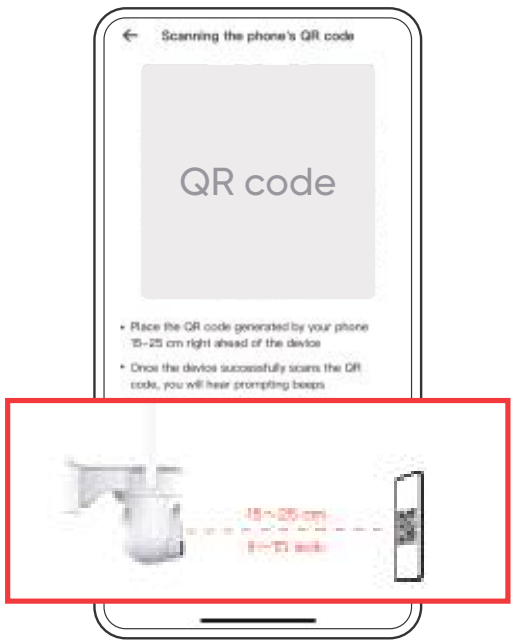
Use your phone to scan the QR code on the device body
Ensure the device is in pairing mode



③ Add by scanning the phone's QR code

Place the QR code generated by your phone 15–25 cm right ahead of the device

Once the device successfully scans the QR code, you'll hear prompting beeps



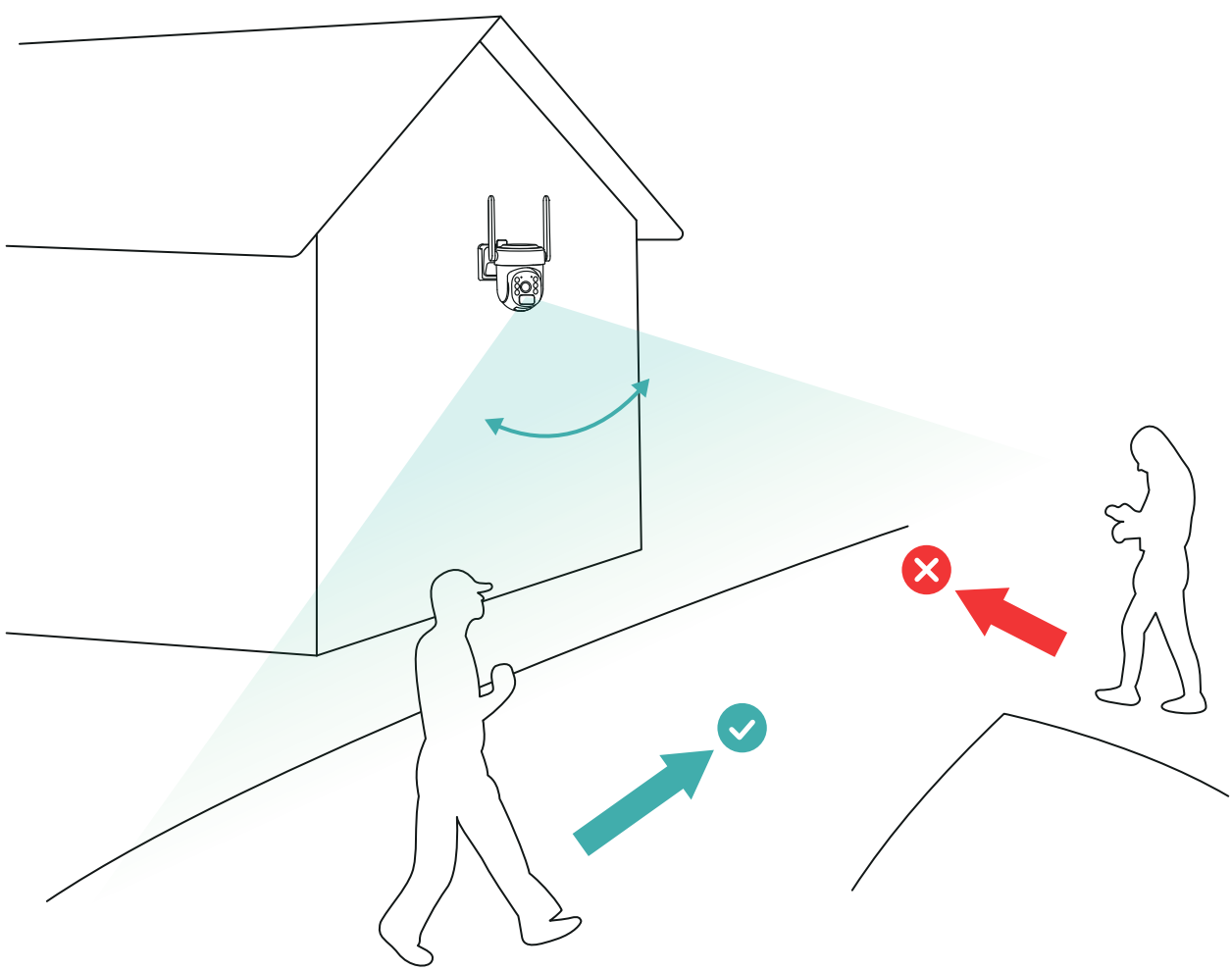
Install the camera

It's highly recommended to fully charge the device before installation.

1. Choose the installation location

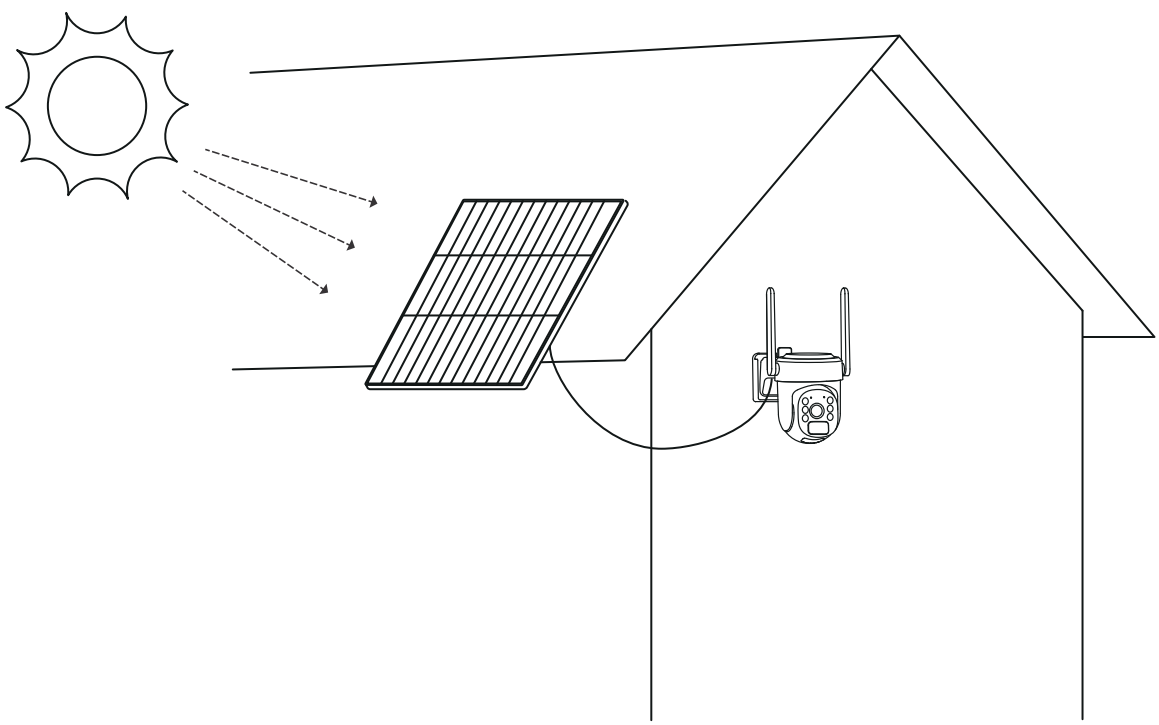
Install the camera in a location with a clear line of sight and a robust 4G signal.

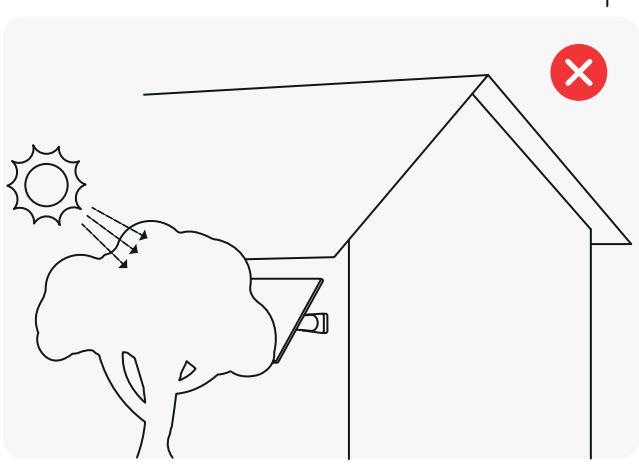
a) For outdoor use, mount the camera at a higher location to maximize its waterproofing and the effectiveness of the PIR motion sensor.

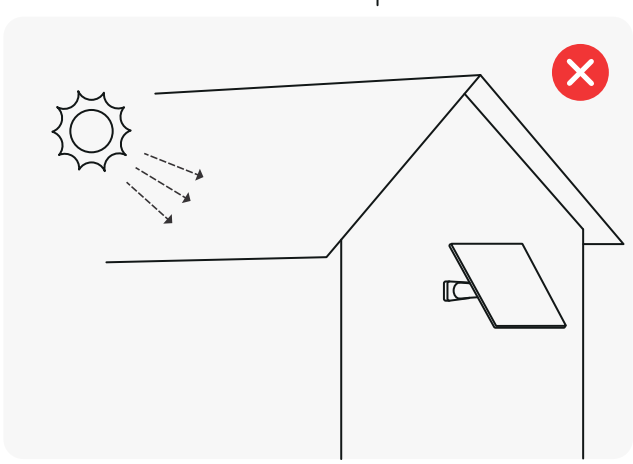


The PIR sensor is more sensitive to motion within the camera's field of view than to movement toward or away from the camera.

b) When the device is powered by a solar panel, choose a location free from obstructions to enhance charging efficiency.







2. Install the mounting bracket

Note: A screwdriver or drill is required.

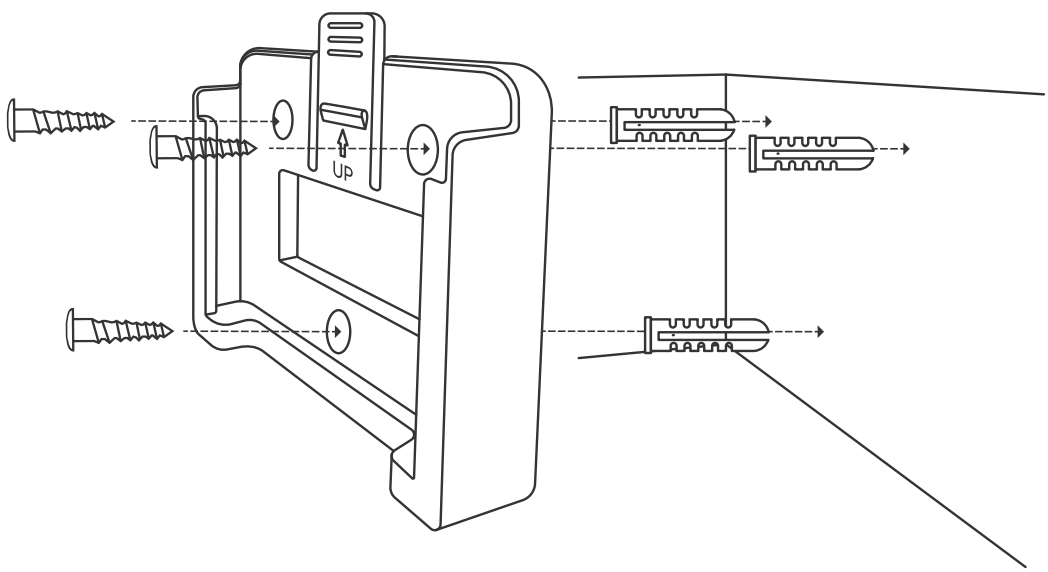
a) Wall mounting

Drill holes with a drill bit at the desired location for the bracket.

If your wall is made of concrete, brick, or plaster, hammer expansion tubes into the wall and then insert screws.

If your wall is made of wood or vinyl, you can directly insert the screws without the tubes.

Mount the bracket securely on the wall.

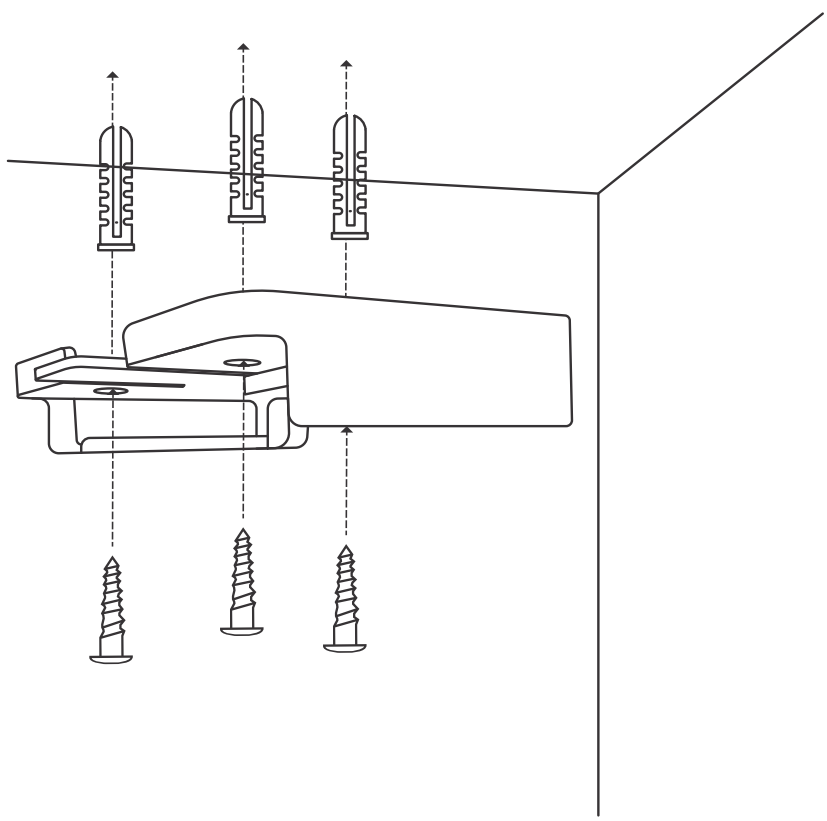


b) Ceiling mounting

Drill holes with a drill bit at the desired location for the bracket.

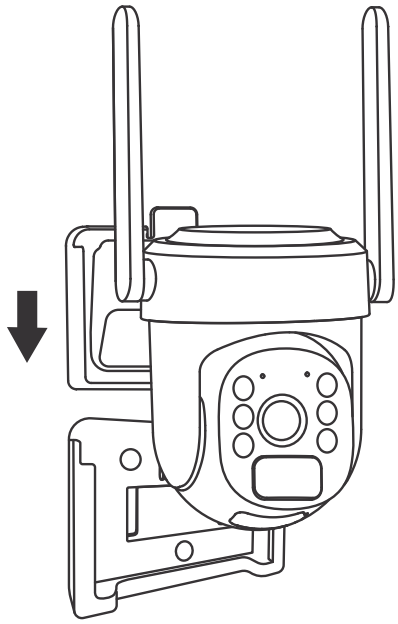
If your wall is made of concrete, brick, or plaster, hammer expansion tubes into the wall and then insert screws. If your wall is made of wood or vinyl, you can directly insert the screws without the tubes.

Mount the bracket securely on the ceiling.



3.Mount the camera

Attach the camera to the installed bracket and push it in place.



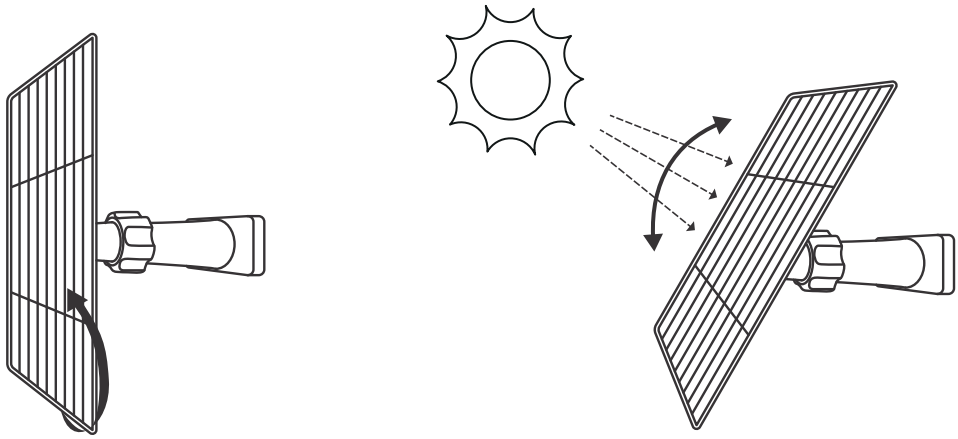
4.Install the solar panel

Select an appropriate location for the solar panel. Secure the mounting bracket and attach the solar panel to the bracket. Adjust the angle of the solar panel to ensure it receives adequate sunlight, and tighten the adjustment knob to lock the panel in place.
(For solar panel installation methods, pliease refer to the solar panel manual.)

Note

a. Choose a location that receives the most direct sunlight throughout the day. If in the Northern Hemisphere, tilt the solar panel upwards at a 30-degree angle. Keep it facing south if in the Northern Hemisphere, or facing north if in the Southern Hemisphere.

b. Clean the surface of the solar panel with a soft, damp cloth regularly to remove dust or debris.

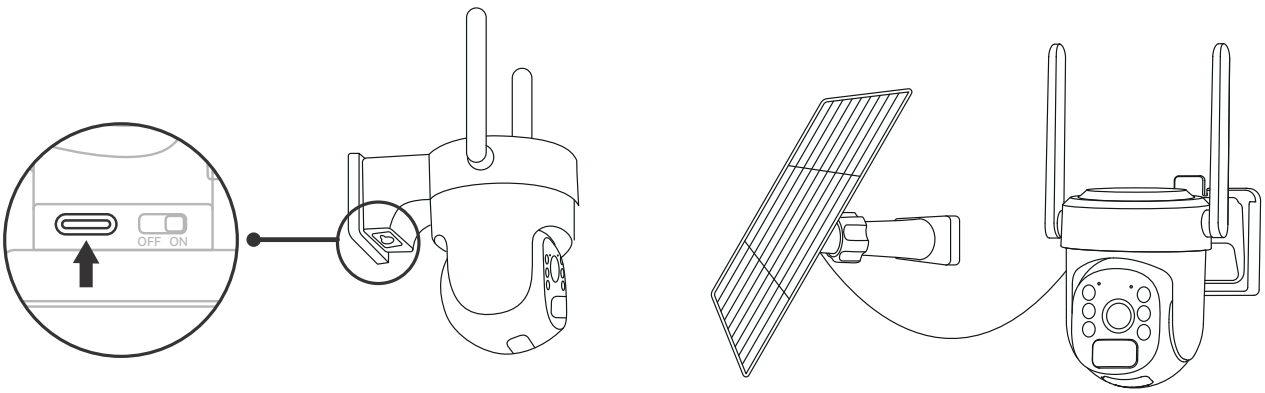


Note

The solar panel works within a temperature range from 0°C (32°F) to 45°C (113°F). It will not charge the camera in temperatures below 0°C (32°F) or above 45°C (113°F). In such cases, place the camera indoors and charge it using a 5V 2A power adapter.

5. Connect the solar panel to the camera

Open the rubber cover on the camera and connect the solar panel's cable to the camera's Type-C USB port.

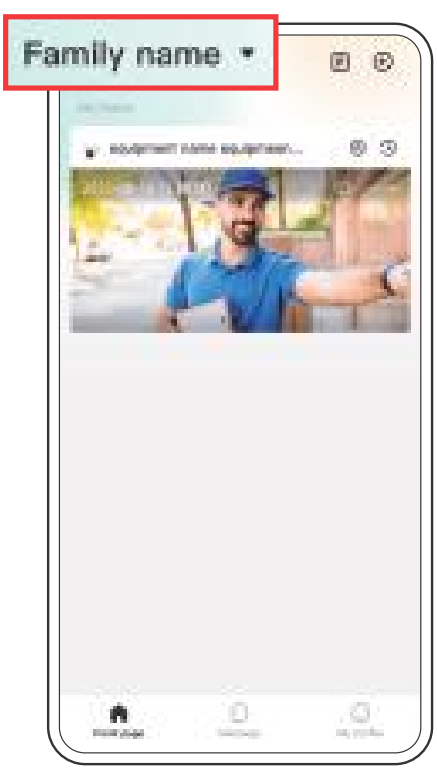


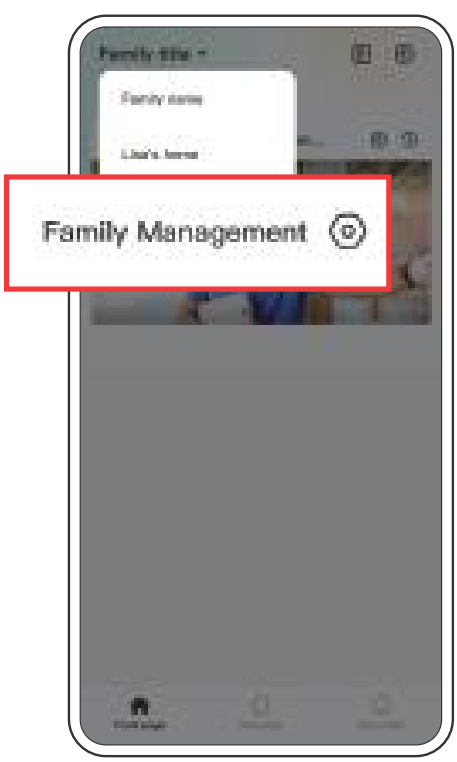
Share the camera

With this feature, you can share the camera with other family members or your friends when needed. Only the administrator who initially binds the camera can share and configure the camera, while other members can only access the real time videos or video playback.

1) For the camera administrator, navigate in the top-right corner of the app's front page to "Family Name → Family Management → Create New Family → Add Member".

2) The invited users will receive a family invitation notification. They can tap "Agree" to complete the camera sharing process.





Indicator light status

Blue light always on	Works properly
Blue light flashes quickly	Connecting to network
Blue light flashes slowly	Device bound
Red light always on	Charging completed
Red light flashes quickly	Charging error
Red light flashes slowly	Charging in progress
No Light	Sleeping/Powered off

Product specification

Image resolution	MaX. 2304X1296
Video bit rate	Adaptive
Storage media	TF card (Up to 256GB)
Rotation Angle	320° pan, 90° tilt
Battery capacity	9200mAh
Adapter requirement	5V/2A
Size (without bracket)	146×130×108mm (in)

FAQ

Q: 1. How to use PIR human detection function, why is there alarm when there is no one?

A: PIR is a far-release infrared sensor, which is based on the human body's far-release infrared to determine whether people are active. There are other objects in nature that have the same wavelength of infrared, such as sunlight, mammals, and cars and heat sources.
Serious electromagnetic interference can also cause false triggers to the equipment. The interference of the PIR sensor can be reduced by the following means.
a, Try to avoid direct sunlight, solar cameras and other outdoor products. Radar technology has been added, therefore, there is no need to avoid direct sunlight.
b, Where there are more people, it is recommended to turn off the PIR or turn down the sensitivity to reduce false alarms.

Q: 2. How does the battery run out of power for a few days?

A: Low-power products use a combination of extremely low-power dormancy and fast remote wake-up, which significantly extent battery life and if the battery consumes electricity faster, check the following points:
a, For safe transport, the battery is usually in a state of about 50% electricity, therefore, it needs to be charged before use.
b, Frequent PIR triggers could quickly consume battery power, and it is recommended to set PIR for low sensitivity or shutdown in complex environments.

c, Battery life is typically calculated by watching 20 times a day. Frequent or prolonged viewing of the device can also lead to rapid electricity consumption.
d, In the case of network instability, the device needs to restart and maintain normal communication with the server. The environment of network instability is related to the number of system wake-up, and the networks which is highly unstable can also lead to faster battery power consumption.

Q: 3. What are the requirements for memory card for this product?

A: This product is frequently started video product. which is need memory card requirements are relatively high, it is recommended to use genuine 256GB TF card, please format TF card before use. Because this product is not a full-time video product, the general 16GTF card can meet 30 days of video storage.

Q: 4. What if the memory card is full?

A: This product supports video recording function, and the carliest video files are automatically overwritten when the memory card is full. In addition, our video is in standard MKV format and can be played barrier-free on the computer.

Q: 5. Will this product be attacked or compromised?

A: This product uses triple security authentication, anti-counterfeiting identity, end-to-end data encryption, anti-stealing, and the network side also cannot read equipment

and user data. The device end adopts the strictest firewall and security audit strategy, and the third party cloud shield is used to prevent the intrusion network side, and the maximum 300GDOS attack is protected. Therefore, please feel free to use. This product will neither disclose privacy nor be mobilized by malicious code as a "broiler" attack on other Internet devices.

Q: 6. How often do solar camera products need to be recharged?

A: Solar panels typically designed by solar cameras can support a continuous month of wet weather when the sun can shine. If it's rainy for more than a month or frequently wakes up the device, it should take it off and use the USB power to recharge it. When USB charging or solar charging, the battery status can be seen in the app preview interface.

Safety

Do not use the device in extreme temperatures, and never expose the device to strong sunlight or a humid, wet environment.

The suitable temperature and its accessories is -10°C/14°F to 45°C/113°F (The temperature for charging is 0°C/32°F to 45°C/113°F).

The optimal environment is a temperature range between 5°C/41°F and 25°C/77°F.

When charging, please place the device(s) at room temperature in a place with good ventilation.

Warning

Replacing the battery with an incorrect version can damage the safety mechanisms within the device.

Improper battery disposal, for example, into a fire or a hot oven, or mechanically crushing or cutting the battery, can result in an explosion.

Leaving a battery in a very high-temperature environment can result in an explosion or the leakage of flammable liquid or gas.

A battery subjected to extremely low air pressure may result in an explosion or the leakage of flammable liquid or gas.

FCC WARNING

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.

FCC warning:

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

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:

-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.

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.

Contact Us

For any inquiries, feel free to contact us. We will respond as soon as possible.

E-mail: After-saleservice011@outlook. com

Tel: 1-888-258-1230

Manufacturer: Shenzhen Efercro Electronic Technology Co.,Ltd.

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