

User's Manual

PIR People Counter

FP102

Table of Contents

1. Product Structure	3
1.1 Packing List	3
1.2 Product Size	4
1.3 Product Power Supply	4
2. Equipment Configuration	5
2.1 Configuration Notes	5
2.2 Web-based Network Configuration	5
2.3 Equipment Configuration	7
3. Installation Instructions	12
3.1 Installation Instructions	12
3.2 Factors Affecting Accuracy	12
3.3 Installation Steps	13

1. Product Structure

1.1 Packing List

- Product Images



- Product Accessories



Charger*1



Hex Key*1



Screw Pack*1



3M Adhesive *1



Quick Guide*1



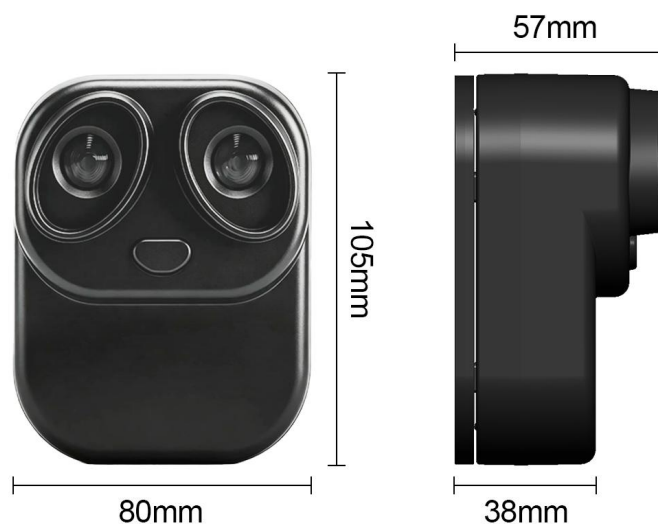
Mounting Bracket*1 (Optional)

⚠ The device contains 2 18650 batteries.

⚠ If any of the above items are damaged or lost, please contact your supplier in a timely manner.

1.2 Product Size

Unit: mm



1.3 Product Power Supply

Product power supply: Only supports 18650 batteries.

⚠ The device only supports 18650 batteries; a light will illuminate to indicate if the battery is connected in reverse.

2. Equipment Configuration

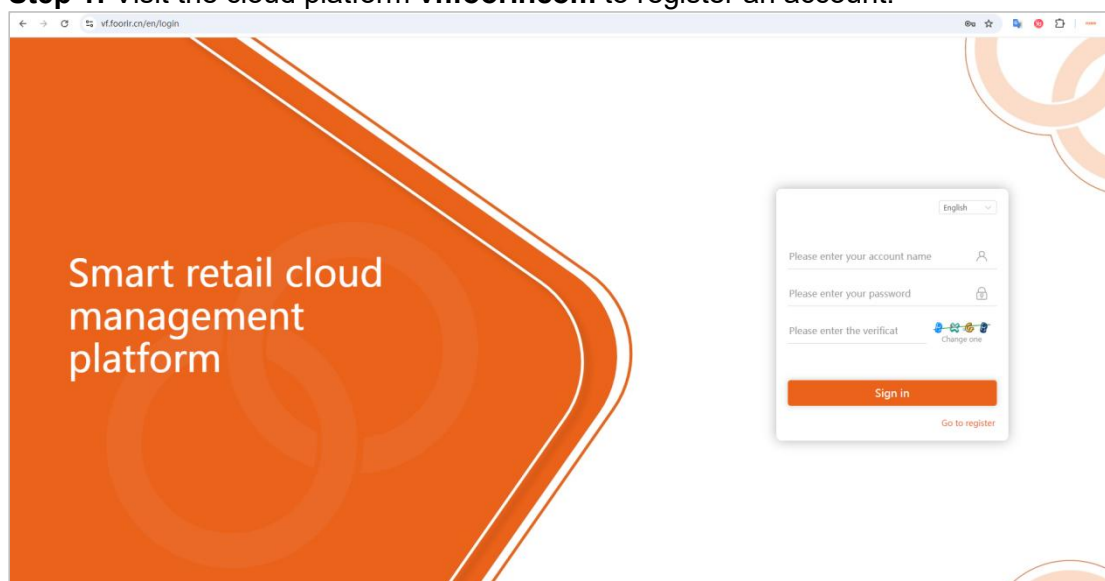
2.1 Configuration Notes

- ❖ **Device Configuration:** Consists of web platform configuration and mobile app configuration.
- ❖ Complete the configuration before installing the device.
- ❖ Before configuration, you must bind the device via the web interface. **Refer to the web platform configuration for specific steps.**
- ❖ When configuring via the mobile app, you must enter the accurate server address and port.
- ❖ If the device is pushed to a third-party server, please skip the platform configuration steps.

⚠ If there are any rules, restrictions, or DNS-related settings on the network , the device may not be able to successfully connect to the server.

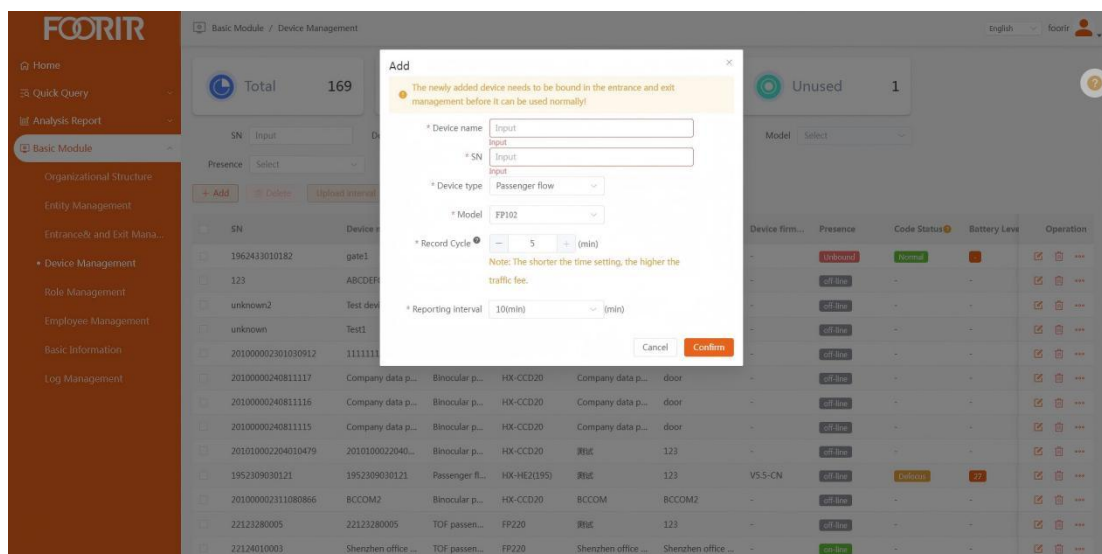
2.2 Web-based Network Configuration

Step 1: Visit the cloud platform vf.foorir.com to register an account.



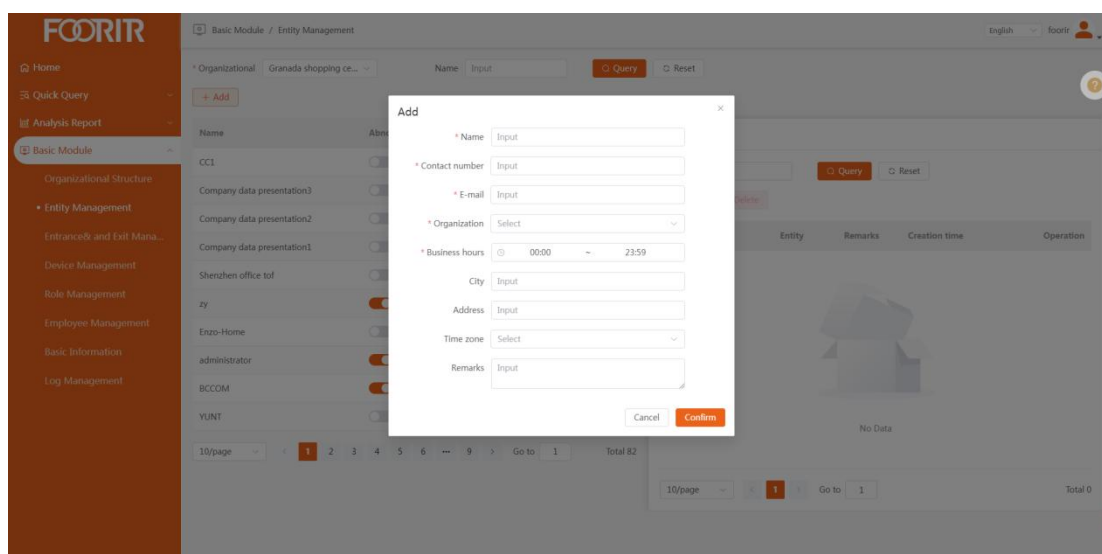
Step 2: Add a device, select "Basic Module- > Device Management- > Add Device"

- ⚠ The device name is recommended to fill in the device installation location
- ⚠ The serial number is the unique identification code of the device and must be filled in strictly according to the serial number displayed on the device
- ⚠ Serial Number Check: View the label on the back of the device (after opening the back cover).



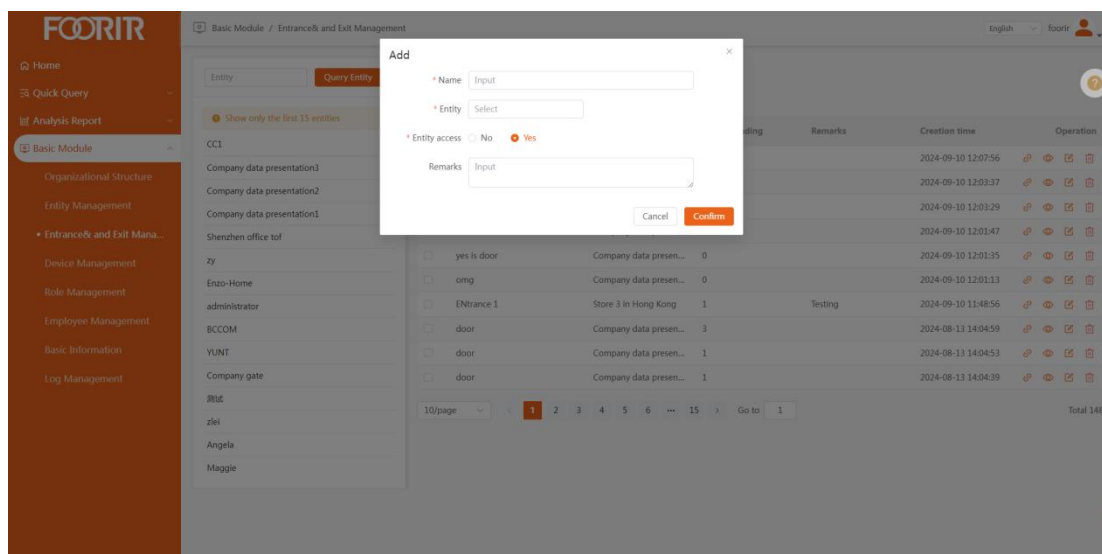
Step 3: Create an entity , select "Basic Module- > Entity Management- > Add Entity"

- ⚠ **Email:** used to push abnormal status of the device
- ⚠ **Organizational structure:** Select the default structure
- ⚠ **Business Hours:** Used to synchronize device working hours, counted during business hours and not counted outside business hours.
- ⚠ **Time zone:** used to synchronize device time. It is selected according to the local time zone.



Step 4.1: Create an entrance and exit, select "Basic Module- > Entrance and Exit Management- > Add Entrance and Exit".

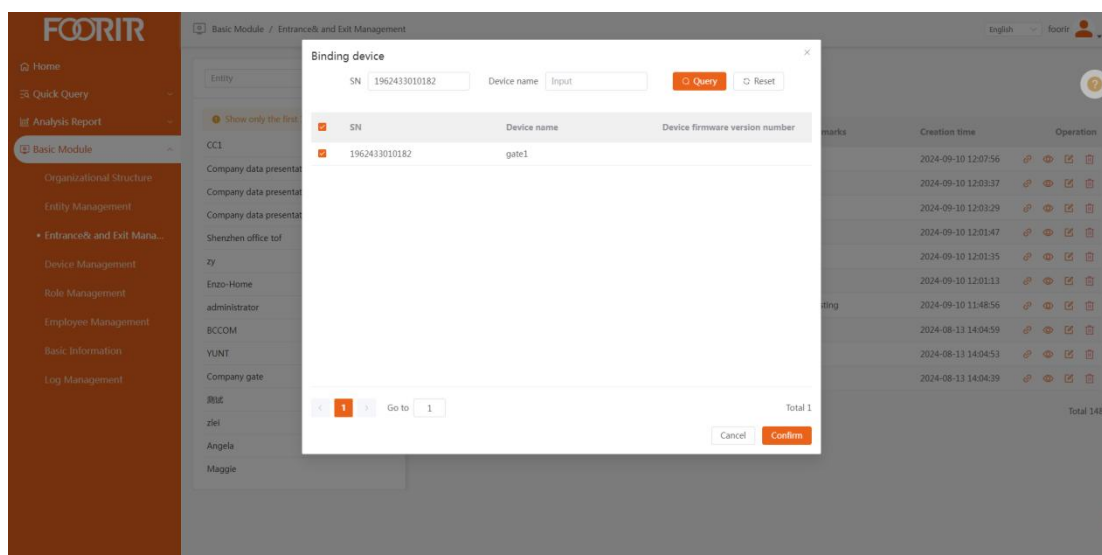
- ⚠ **Belonging entity:** Select the created entity.
- ⚠ **Physical entrance and exit:** Select "Yes".



Step 4.2: Bind the device , select the entrance and exit to be bound, click the binding icon at the back, enter the binding page, check the device to be bound, and click " Confirm " ; the web networking configuration is completed.

! Only after completing this step can you proceed with equipment configuration.

☐	Name	Entity	Device binding	Remarks	Creation time	Operation
☐	A	CC1	1		2024-09-10 12:07:56	   



2.3 Equipment Configuration

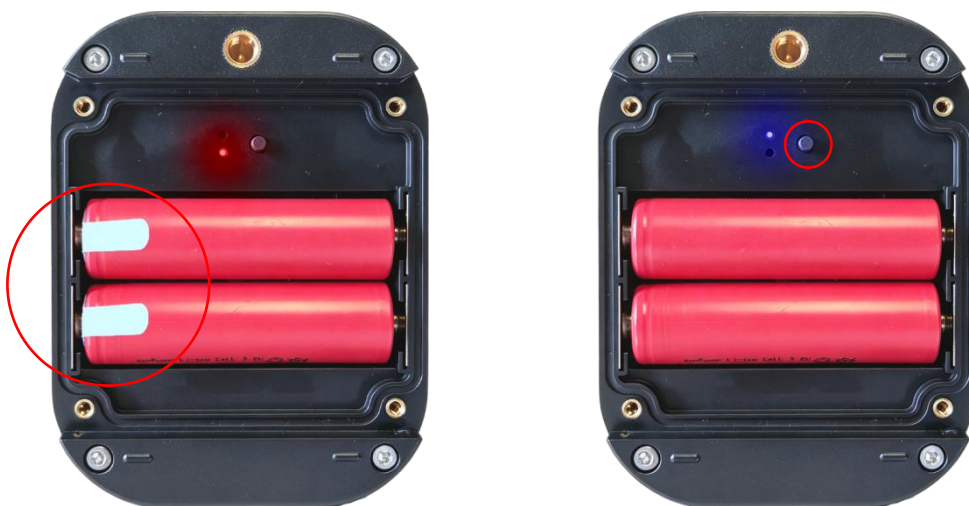
- ❖ Configure the equipment before installing it.
- ❖ Please use your browser to scan the QR code to download the "FOORIR" app.
- ❖ IOS users can search for "FOORIR" in the App Store to download it.



1.Power on the device

Open the package and remove the PIR people counter. Use the hex key to unscrew and remove the rear cover, then take out the battery insulation tab; the red indicator light will flash, indicating the device is powered on. Press and hold the button for 3 seconds; the blue indicator light will flash, indicating that Bluetooth has been activated.

(*The battery comes with approximately 30% charge; please fully charge the device before use.).

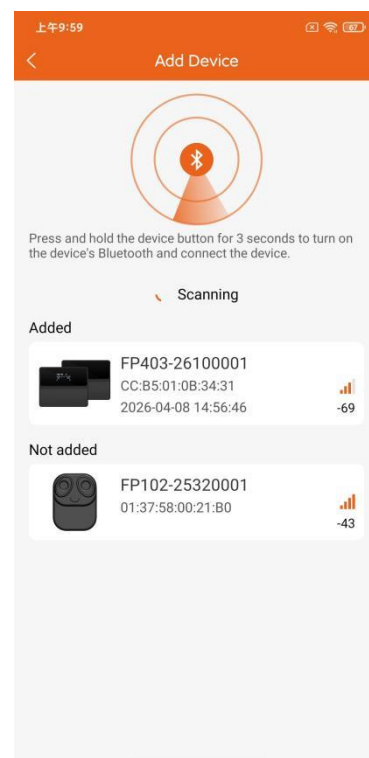
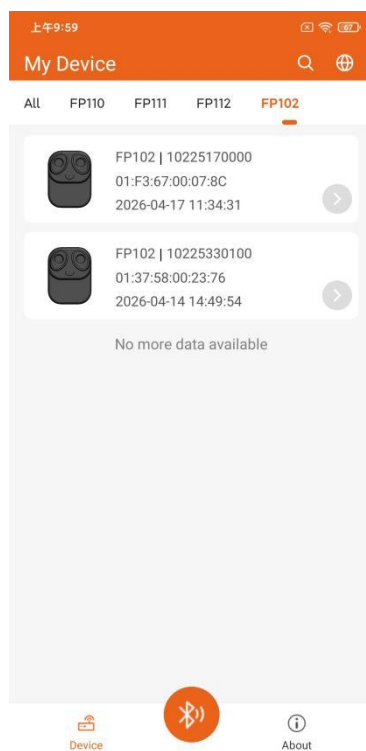


2.Search and add a device

Scan for Bluetooth devices and find your device in the list.

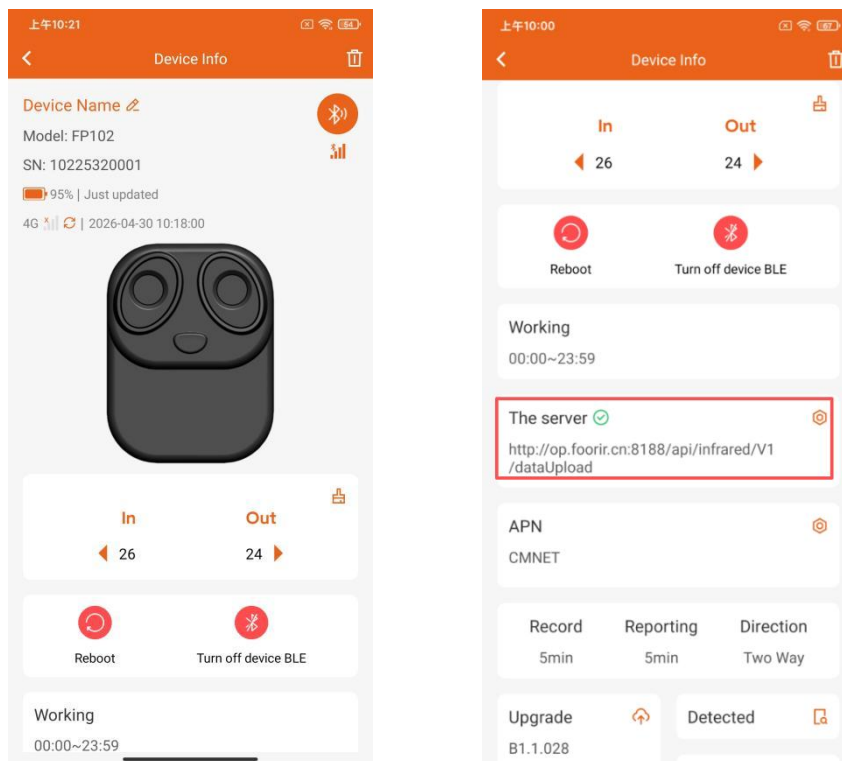
The device name format is: Model number + last 8 digits of SN (see label on the back of the device (after opening the back cover)).

Select the device to add it.(A flashing blue indicator light means Bluetooth is connected).



3. Server Configuration

Navigate to the device configuration page and scroll down to the "Server Configuration" section.

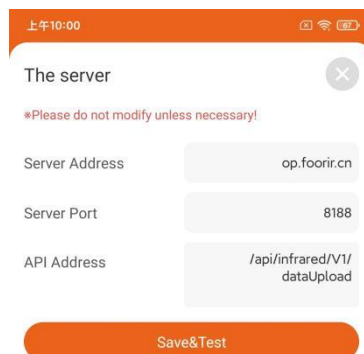


Default server address: op.foorir.com

Port: 8188

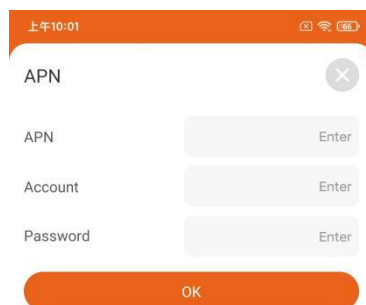
Path: /api/infrared/v1/dataUpload

The default server address points to the vf.foorir.com cloud platform. No modification is needed if you do not need to connect to your own server.



4.APN Configuration

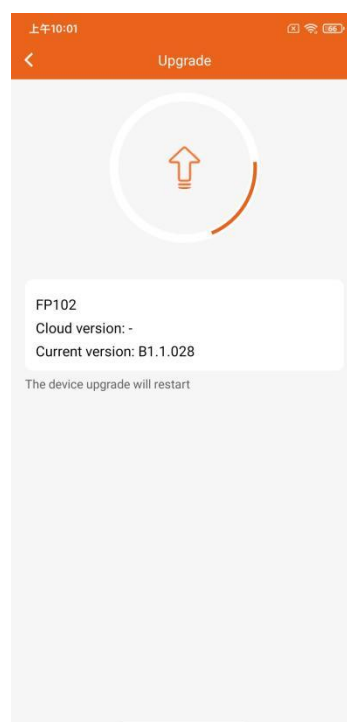
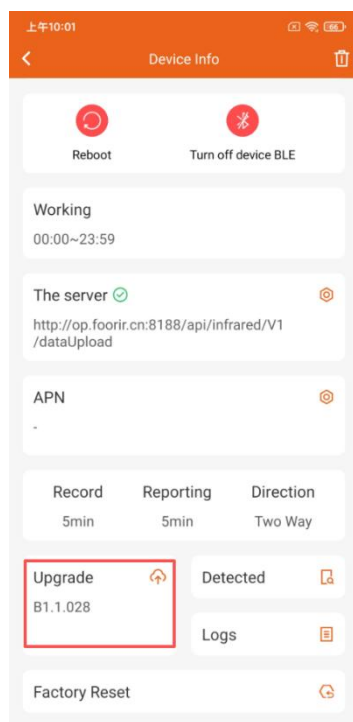
For domestic use, APN settings are not required; please do not set them. For overseas customers, please fill in the APN information according to your SIM card provider.



5.Equipment Maintenance

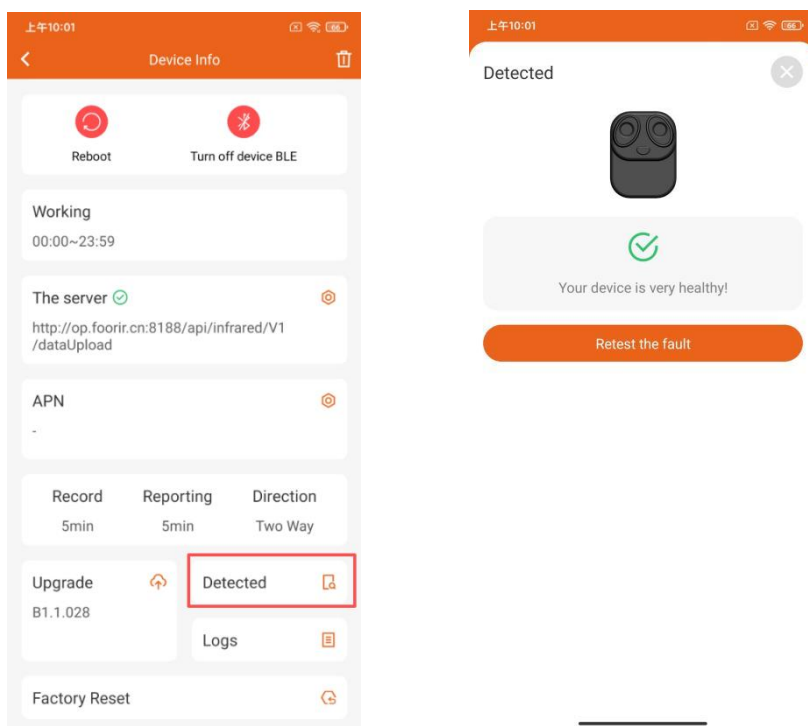
Maintenance 1: Device Upgrade.

The system will check for a new version. If a new version is available, the firmware can be downloaded directly from the cloud to upgrade the device.



Maintenance 2: Fault Detection.

If the device malfunctions or data issues after setup, you can click on Fault Detection here to help you identify the problem.



3. Installation Instructions

3.1 Installation Instructions

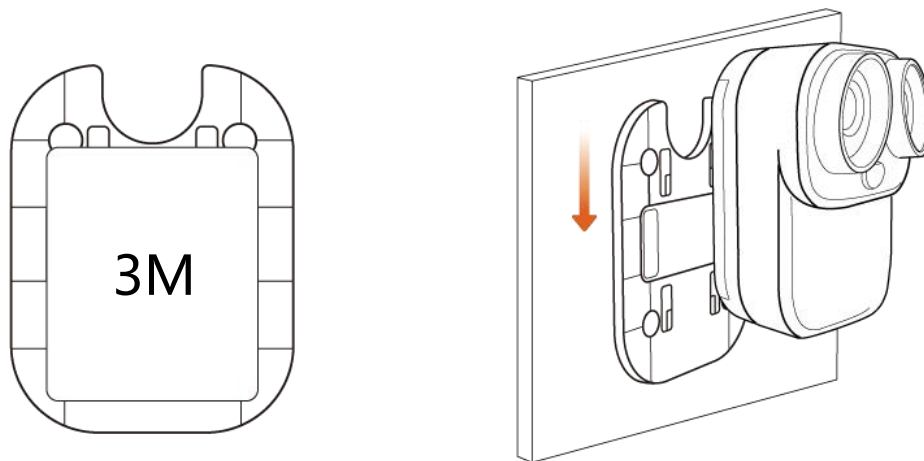
- ❖ Configure the equipment at the installation location before installing it;
- ❖ The equipment is very sensitive to heat changes, so it needs to be kept away from heat sources and low-temperature equipment, and direct sunlight should be avoided;
- ❖ **The recommended installation height is 1.3m.**

3.2 Factors Affecting Accuracy

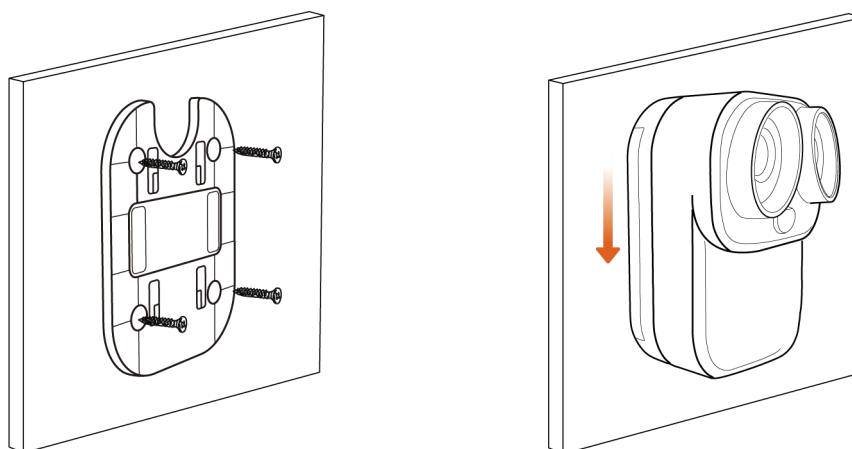
- ❖ Temperature Change Sources: Keep away from air conditioners, heaters, refrigerators, stoves, and other hot or cold air vents or equipment, as these can cause false alarms;
- ❖ Strong Light Interference: Avoid direct sunlight and do not place the device directly in front of glass doors or windows to prevent white light interference and the influence of complex external environments;
- ❖ Airflow Disturbances: Keep away from areas with strong air convection, such as those near electric fans or doors and windows;
- ❖ Physical Obstructions: Ensure there are no large furniture, potted plants, trees, shrubs, partitions, or other obstructions within the detection range;
- ❖ Specific Outdoor Interferences: Outdoor installations should avoid air conditioner outdoor units, vehicle engines, and reflective metal surfaces..

3.3 Installation Steps

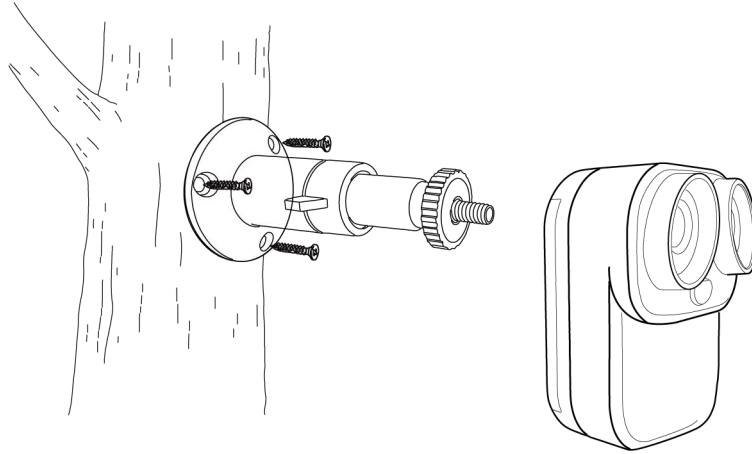
Installation Method 1 (3M Adhesive): Apply the 3M adhesive to the back of the mounting backplate, attach the backplate to the door, and then slide the device body downward to interlock it with the backplate.



Installation Method 2 (Screw Mounting): Secure the rear mounting housing to the wall with screws, then slide the device body downward to interlock with the housing.



Installation Method 3 (Bracket Mounting): Secure the bracket to the tree trunk using screws, connect it to the device, and adjust the angle.



Statement

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Notice

- The parameters used in the screenshots shown in this manual are only used as setting examples for reference and may not be completely consistent with the actual situation. Please set the parameters according to your actual needs.
- The housing is prohibited from being disassembled during operation. Anti-disassembly reminder: Be careful when manually disassembling the housing of the device to avoid damage to the device. This is a Class A product. In a living environment, this product may cause radio interference. In this case, the user may need to take practical measures to deal with the interference.
- Due to different software versions, the screenshots shown in this manual may not be exactly the same as the web interface of the product you purchased. Please configure your product according to the actual web interface.
- If you find that there is a shortage or damage to any accessories, please contact your local dealer in time. The product pictures/screenshots in this manual are for reference only and are intended to help users install and configure the product. Please refer to the actual product/actual interface for details.



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