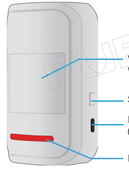
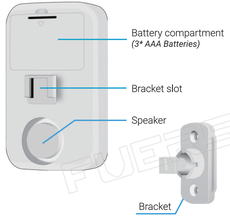
Infrared Sensor Alarm

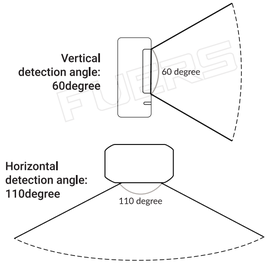
Instruction Manual

Product Description





Alarm Mode:
When armed, infrared triggers will activate the alarm. When disarmed, infrared triggers will not respond.



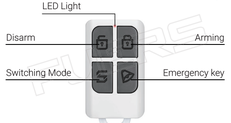
Description of Power Supply

USB Power Supply

Battery

Using 3 x AAA batteries

Remote Control Description



Disarm
Press this button to disarm.

Arming
Press this button to arming.
(The system has a fixed 10-second arming delay, allowing users to exit the area.)

Switching Mode
Switch alarm mode/ doorbell mode.

Emergency Alarm
No matter what state it is in, it immediately enters into alarm.

Working Mode Description

Arming and Disarming:
Press the "Setting" button once to toggle between arming and disarming.

1) **One beep** means entering armed status, with the red LED lighting up for 1 second, followed by a 10-second countdown during which the red LED flashes.

2) **Two beeps** mean exiting armed status (disarmed), with the green LED lighting up for 1 second.

Pairing Mode:
Press and hold the "Setting" button for 3 seconds to enter pairing mode. The **blue LED** will light up to indicate pairing mode is active. The LED will turn off automatically when pairing mode exits.

Alarm Mode:
When armed, the infrared trigger (PIR) will activate the alarm, sound the alarm, and the **red LED** will light up for 30 seconds. When disarmed, the infrared trigger (PIR) will not respond.

Doorbell Mode:
When armed, the infrared trigger (PIR) will activate the alarm, sound the alarm, and the red LED will light up for 30 seconds. When disarmed, after a trigger is detected, the alarm will sound a "dingdong" and the **Turquoise LED** will light up for 3 seconds.

How to add remote controllers

Step 1:
Press and hold the "Setting" button for 3 seconds to enter pairing mode.
The **blue LED** will light up.
(Note: The system will automatically exit pairing mode after 5 seconds.)

Step 2:
Press any button on the remote.
(When the remote control is successfully triggered, the LED light will illuminate for one second.)

Step 3:
The PIR sensor alarm will emit three beeps, and the **blue LED** will stop blinking, indicating successful pairing.
(If the blue light continues to blink, the remote control is already paired with the alarm.)

Step 4:
Press "Setting" button to switch to exit pairing mode.

Switching Modes

Mode Switching Steps:
Press the "S" button to switch the PIR Sensor alarm between **alarm mode** and **doorbell mode**.

Alarm Mode
If the alarm emits several alarm beeps, it means the system has switched to **Alarm Mode**.

When armed, the infrared trigger (PIR) will activate the alarm. When disarmed, the infrared trigger (PIR) will not respond.

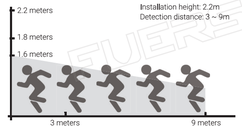
Doorbell Mode
If the alarm makes a 'Ding Dong' sound, it means the system has switched to **Doorbell Mode**.

When armed, the infrared trigger (PIR) will activate the alarm. When disarmed, the infrared trigger (PIR) will produce a "dingdong" sound.

Installation

Before Installation:
Once you confirm that the infrared sensor is functioning properly, you can proceed to the installation steps.

Step 1:
Find the appropriate installation location based on the reference image.



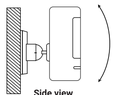
Step 2:

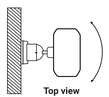
1) Use screws to secure the bracket to the wall.

2) Then, mount the PIR sensor onto the bracket.

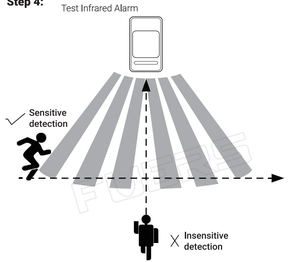
Step 3:

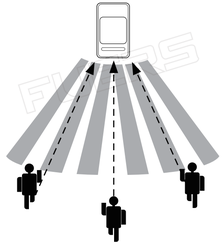
1) Adjust the detection angle.





Step 4:





For people moving in those directions.
Detection range may be shortened

Maintenance

Low Battery Warning:
When the PIR sensor alarm's battery is low, it will emit three warning beeps every 30 seconds as a reminder.

Repace the battery:
The user should replace the battery, once the sensor working under low battery. Otherwise the sensor will not work. Please follow the below steps for replace battery:

Open the back cover　　Install 3 x AAA batteries

Note:
Please note the positive & negative pole.

Factory reset:
When the PIR sensor alarm's battery is low, it will emit three warning beeps every 30 seconds as a reminder.

Step 1:
Press and hold the "Setting" button for 3 seconds to enter pairing mode. The **blue LED** will light up.
(Note: The system will automatically exit pairing mode after 5 seconds.)

Step 2:
Press and hold the "Setting" button for 3 seconds again. The PIR sensor alarm will beep 5 times, and the blue LED will flash 5 times, indicating a successful reset.
(All remote controls will be deleted, and the PIR sensor alarm will revert to Alarm Mode.)

Specification

USB power supply:	DC5V/1A type-C
Standby current:	≤100uA
Alarm current:	≤300mA
Alarm sound:	≤100dB(within 20cm)
Battery specification:	3pcs AAA battery
Battery Life:	4 to 6 months.
Detection Range:	60°H/110°V (0 ~ 9 meters)
Material:	ABS
Wireless frequency:	433MHz(1527 protocol)
Wireless transmission:	120 meter(open area)
Remote Pairing Capacity:	about 25 remote controls
Working Temperatuer:	-10 ~ 45
Working Humidity:	≤80%(No condensation)

Note:
The detection range is affected by the installation height, environment, adjustment of the detection window, and the cross-sectional angle.

FCC Warnning:

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 againstharmful interference in a residential installation. This equipment generates, uses and can radiateradio frequency energy and, if not installed and used in accordance with the instructions, maycause harmful interference to radio communications. However, there is no guarantee thatinterference will not occur in a particular installation. If this equipment does cause harmfulinterference to radio or television reception, which can be determined by turning the equipmentoff and on, the user is encouraged to try to correct the interference by one or more of thefollowing 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.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this 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.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 0cm between the radiator and your body.