

PIR Detector

User Manual

Thank you for choosing us. please carefully read this user manual before operation and installation.

Cautions:

- Please read user manual carefully before using this product.
- Please start the product in environment which is marked in this user manual, in case of damage.
- Non-professional staff please do not dismantle the product by yourself

I . Product Introduction
This product is a wireless PIR motion sensor(hereby short name as sensor), it is able to detect infrared ray from human body, and make accurate analysis according to the environment, precisely and stably alarm to the motion of human body. This product can work together with our Alarm Hosts.

Suitable Place



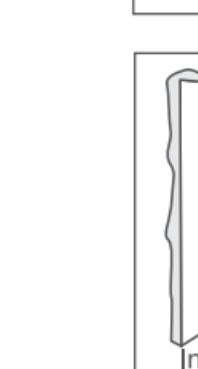
II . Details



Fig(1)



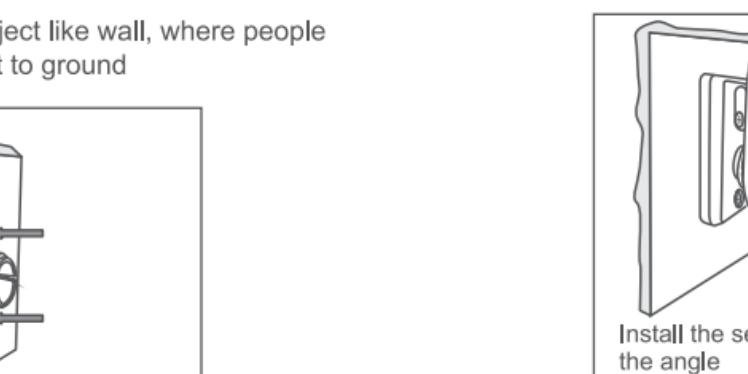
Fig(2)



Fig(3)

III . Installation

Tip: Better install on the solid object like wall where people pass by, and with 1.7-2.2M height to ground



Fig(4)

Cautions
Below tips are helpful to eliminate external effect on its detection function



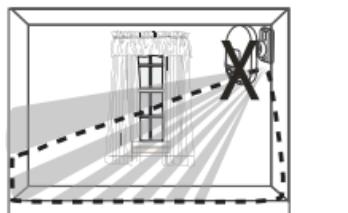
Fig(5)



Fig(6)

Avoid installation facing heating source

5



Avoid swing object like curtain

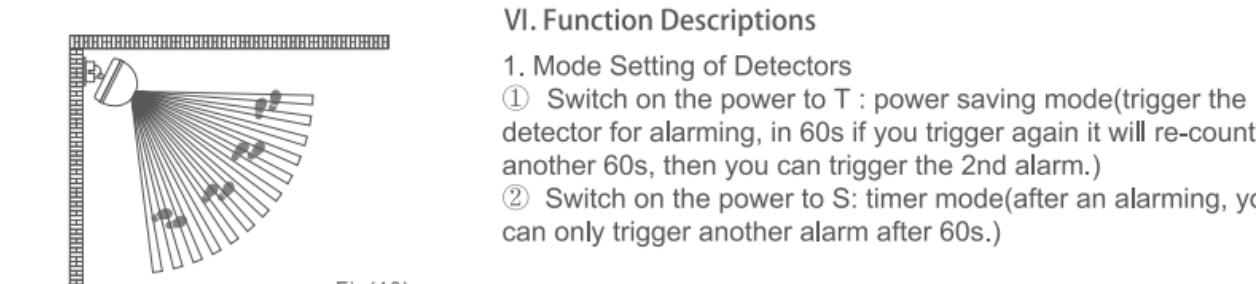
Suggestion: Install it to places where intruder may break
Note: The detection area is 7m/90° sector.



Fig(9)

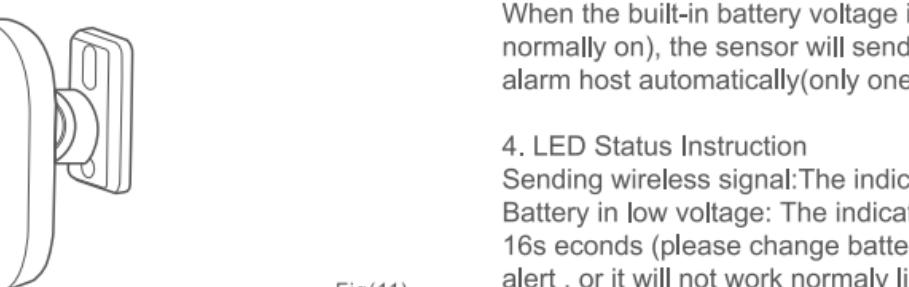
IV. Test:(Suggest to test it per 3 months)

Please test by yourself after installation to make sure it covers all areas you want to protect.



Fig(10)

V. Coding



Fig(11)

Make the alarm host into coding status, trigger the sensor, it will send signal to alarm host(Indicator flashes in red color), alarm host receives signal and coding successfully.

VI. Function Descriptions

1. Mode Setting of Detectors

- ① Switch on the power to T : power saving mode(trigger the detector for alarming, in 60s if you trigger again it will re-count another 60s, then you can trigger the 2nd alarm.)
- ② Switch on the power to S: timer mode(after an alarming, you can only trigger another alarm after 60s.)

2. Heartbeat function:

The detector will send a signal of heartbeat in every 4 hours.

3. Battery low voltage inspection:

When the built-in battery voltage is lower than 2.55v (Indicator normally on), the sensor will send a low-voltage alarm signal to alarm host automatically(only one time).

4. LED Status Instruction

Sending wireless signal: The indicator flash once.

Battery in low voltage: The indicator always flash twice every 16s econds (please change battery , when it shows low voltage alert , or it will not work normaly like usual).

FCC Warning:

1. Power supply: 3VDC, 2 pcs AAA batteries

2. Standby current: ≤ 20uA

3. Alarm current: ≤ 20mA

4. Operating humidity: ≤ 75%

5. Operating temperature:-20°C~+55°C

6. 1527/2262 encoding modes (Optional)

7. Wireless wide open distance : 70m

8. Wireless frequency: ASK 315MHZ/433.92MHZ/

868MHZ can be customized

9. Detection distance/angle: 7m/90°

10. Dimension: 94x54x41 mm (without mounting bracket)

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.

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.