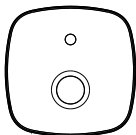


PIR313-P PIR Sensor

Quick Start Guide

1 Introduction

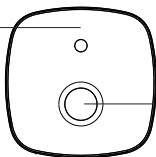


The PIR313-P PIR Sensor is used to detect movement. It allows you to receive notification from the mobile app when any movement is detected.

This guide will provide you with an overview of the product and help you get through the initial setup.

2 Get to know your device

LED indicator

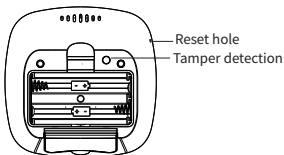


PIR sensor

LED indicator

The LED status gives the following information:

LED status	What it means
Red LED flashing three times	Device has not joined a network or is ready to join a ZigBee network
Green LED flashing three times	Joined a ZigBee network
Red LED flashes once	Motion detected



Reset button

- **Join network.** Poke the reset hole once, the indicator flashes red three times indicating the sensor is ready to join a ZigBee network (if not, please return the device to default factory setting)
- **Reset.** Poke and hold the reset hole for 10 seconds. The indicator will flash three times in green at third second, then flash three times in green again at tenth second.

Anti-tamper button

When the rear cover of the device is installed, the anti-disassembly button is pressed, and it belongs to the normal state. When the rear cover of the device is removed, the anti-disassembly button is not pressed, and the anti-disassembly alarm is triggered.

3 Get started

3.1 To get started, you will need:

A Gateway

A mobile app

2 AA batteries

3.2 PIR Sensor setup

1. Power on the PIR Sensor.



3.3 Connect to the gateway's network

1. Set your gateway to permit joining.
2. Press the reset button once and the LED indicator will flash red for three times quickly indicating the sensor is ready to join the gateway (reset the PIR Sensor if not).
3. The sensor will join the gateway automatically. The LED indicator will flash green for three times when it has successfully joined. Please wait for 30 seconds for the device to sync its data.
4. Now you can see the PIR Sensor in the mobile App.

3.4 Installation

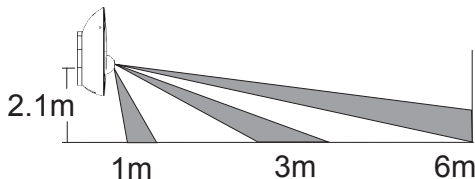
You can mount the PIR Sensor to the wall as a traditional motion sensor, or you can choose to keep your PIR Sensor on a bookshelf or table.

Wall mounting

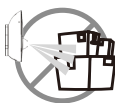
Please peel off the liner on the double-sided tape and mount the sensor on the surface of the wall.

1. Please ensure that the surface is clean and secure.
2. Install the PIR Sensor in places where intruders are most likely to enter.

Mount example



Avoid mounting



4 Technical Specifications

Wireless connectivity	• ZigBee 2.4GHz IEEE 802.15.4
ZigBee profile	• Home Automation Profile
Range outdoor	• 100m (Open area)
Operating Voltage	• DC 3V (2*AA battery)
Current	• Standby Current: $\leq 40\mu\text{A}$ • Alarm Current: $\leq 110\text{mA}$
Operating Ambient	• Temperature: $-10 \sim 55^{\circ}\text{C}$ • Humidity: maximum 85%RH (no congelation)
Installation Height	• 2.1 m
Detecting	• Distance: 6m • Angle: 120°
Dimensions	• 83(L) x 83(W) x 28(H) mm
Weight	• 65g

5 Safety Notice

WARNING: Failure to follow these safety notices could result in fire, electric shock, other injuries, or damage to the multi sensor and other property. Read all the safety notices below before using the PIR Sensor.

- Avoid high humidity or extreme temperatures.
- Avoid long exposure to direct sunlight or strong ultraviolet light.
- Do not drop or expose the unit to intense vibration.
- Do not disassemble or try to repair the unit on yourself.
- Do not expose the unit or its accessories to flammable liquids, gases or other explosives.