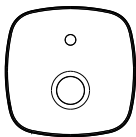


PIR313 PIR Multi-Sensor

Quick Start Guide

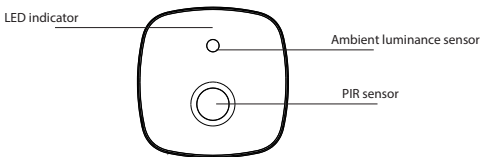
1 Introduction



The PIR313 Multi-sensor is used to detect movement, temperature & humidity, illuminance in your property. It allows you to receive notification from the mobile app when any movement is detected. You may also use the multisensor to monitor temperature & humidity, as well as illuminance.

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

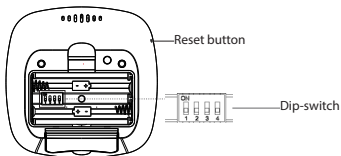
2 Get to know your device



LED indicator

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.** Press the Reset button 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.** Press and hold the Reset button for ten seconds until the LED indicator flashes three times to restore the smart plug to default factory settings.

Dip switch

| Dip switch \ Status | ON | OFF |
|---------------------|---|--|
| 1 | Disable notifications when device is tampered. | Enable notifications when device is tampered. |
| 2 | Alarm will be shown in the mobile app for 1 minutes. | Alarm will be shown in the mobile app for 30 seconds. |
| 3 | Reserved. | Reserved. |
| 4 | Device function: Temperature and humidity, motion detector. | Device function: Temperature and humidity, motion detector, illuminance detector. |

Note: Changes made to the dip switch will become effective after you remove and rejoin the sensor to your system.

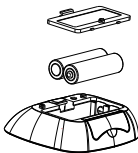
3 Get started

3.1 To get started, you will need:

- A Gateway
- A mobile app
- 2 AA batteries

3.2 Multi-sensor setup

1. Switch the Dip-switch to a proper side. Power on the Multi-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 Multi-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 multi sensor in the mobile App.

3.4 Installation

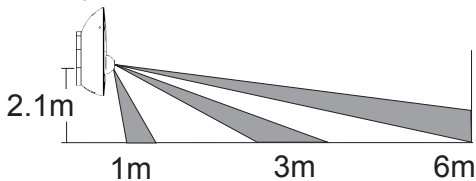
You can mount the multi-sensor to the wall as a traditional motion sensor, or you can choose to keep your multi-sensor on a bookshelf or table.

Wall mounting

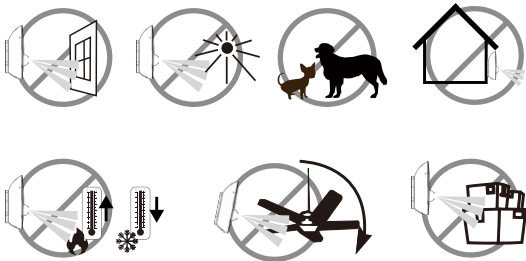
Please peel off the liner on the double-sided tape and mount the sensor on the surface of the wall.

1. Please ensure that the surface is clean and secure.
2. Install the Multi-sensor in places where intruders are most likely to enter.
3. Avoid mounting the Multi-sensor close to pets, air conditioners, heaters, sunshine and places where the temperature varies.

Mount example



Avoid mounting



4 Technical Specifications

| | |
|--------------------------------|--|
| Wireless connectivity | <ul style="list-style-type: none">• ZigBee 2.4GHz IEEE 802.15.4 |
| ZigBee profile | <ul style="list-style-type: none">• Home Automation Profile |
| Range outdoor/indoor | <ul style="list-style-type: none">• 100m/30m |
| Operating Voltage | <ul style="list-style-type: none">• DC 3V (2*AA battery) |
| Current | <ul style="list-style-type: none">• Standby Current: $\leq 40\mu\text{A}$• Alarm Current: $\leq 110\text{mA}$ |
| Temperature Measurement | <ul style="list-style-type: none">• Range: $-10\sim 85^{\circ}\text{C}$ |
| Humidity Measurement | <ul style="list-style-type: none">• Range: $\leq 80\%\text{RH}$ |
| Illuminance Measurement | <ul style="list-style-type: none">• Range: $0\sim 128\text{klx}$• Resolution: 0.1lx |
| Operating Ambient | <ul style="list-style-type: none">• Temperature: $-10\sim 55^{\circ}\text{C}$• Humidity: maximum $85\%\text{RH}$• (no congelation) |
| Installation Height | <ul style="list-style-type: none">• 2.1 m |
| Detecting | <ul style="list-style-type: none">• Distance: 6m• Angle: 120° |
| Dimensions | <ul style="list-style-type: none">• 83(L) x 83(W) x 28(H) mm |
| Weight | <ul style="list-style-type: none">• 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 multi-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.