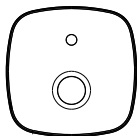


PIR313 PIR Multi-Sensor

Quick Start Guide

1 Introduction

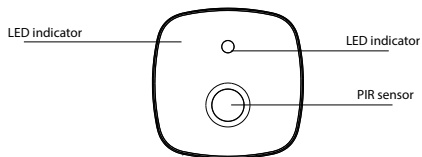


The PIR313 PIR Multi-Sensor allows you to switch your devices on and off and allows you to measure power and record total used power in kilowatt hours (kWh) wirelessly via your mobile App.

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

Note: Do not use the load controller for more than its rated current.

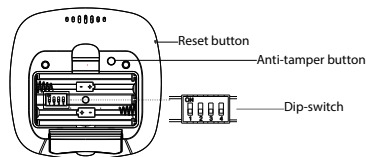
2 Get to know your device



LED indicator

The LED status gives the following information:

LED status	What it means
Red LED flashing three times quickly	Device has not joined a network or returned to factory settings.
Green LED flashing three times	Joined a ZigBee network
Green LED flashing three times quickly	Returning to factory settings.



Reset button

- **Reset.** Press and hold the Reset button for ten seconds until the Green LED flashing three times quickly to restore the smart plug to default factory settings, the LED indicator will flash red three times quickly when reset successfully.

Dip switch

1. Turn on/off anti-tamper function. If the function is turned off, you won't receive notifications when the device is tampered.
2. Alarm cool down time (2 minutes/30 seconds), that determines how long an alarm will show in the mobile app before it returns to normal status.
3. Reserved.
4. Device type (motion sensor/temperature and humidity sensor), if the

switch is on motion sensor side, the multi sensor will show as two devices in the mobile app: a motion sensor under "Security" interface and a temperature/humidity sensor under "Comfort" interface.

If the switch is on temperature and humidity sensor side, there will be only a temperature and humidity sensor under "Comfort" interface.

3 Get started

3.1 To get started, you will need:

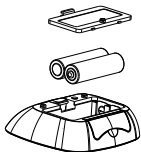
A SEG-X3 Gateway.

The SmartOWON mobile app.

2 AA batteries.

3.2 PIR multi sensor setup

1. Install the batteries:



3.3 Connect to the gateway's network

1. Set your gateway to permit joining.

2. Power on the PIR multi sensor. Press the reset button and the LED indicator will flash red for three times quickly indicating the sensor is ready to join the gateway's network (reset the PIR multi sensor if not).

3. The sensor will join the gateway's network automatically. The LED

indicator will flash green for three times when it has successfully joined.

4. Now you can see the PIR multi sensor in the mobile App.

3.4 Installation

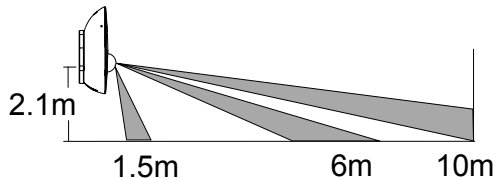
You can mount the multi sensor to the wall as a traditional motion sensor, or you can choose to keep your multi sensor on a bookshelf or table, without limitation.

Wall mounting.

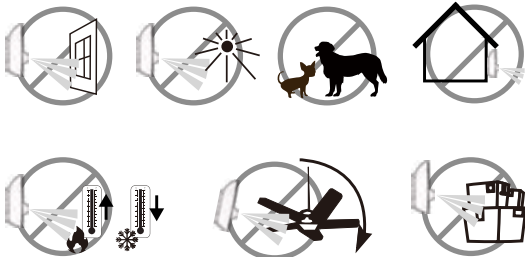
Please peel off the liner on the double-sided tape and mount the sensor on the surface of the wall.

1. Please ensure that the surface is clean and secure.
2. Install the motion sensor in places where intruders are most likely to enter.
3. Avoid mounting the motion 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• Smart Energy Profile (optional)
Range outdoor/indoor	<ul style="list-style-type: none">• 100m/30m
Anti-RF Interference	<ul style="list-style-type: none">• 10MHz – 1GHz 20 V/m
Operating Voltage	<ul style="list-style-type: none">• DC 3V (2*AA battery)
Battery Life	<ul style="list-style-type: none">• 2 years
Current	<ul style="list-style-type: none">• Standby Current: $\leq 40\mu\text{A}$• Alarm Current: $\leq 30\text{mA}$
Temperature	<ul style="list-style-type: none">• Range: $-10\text{--}50^\circ\text{C}$• Accuracy: $\pm 0.4^\circ$
Humidity	<ul style="list-style-type: none">• Range: 0–80% RH• Accuracy: $\pm 4\%$ RH
Illuminance	<ul style="list-style-type: none">• Range: 0 ~128 klx• Resolution: 0.1 lx• Temperature: $-10\text{--}50\text{C}$
Operating Ambient	<ul style="list-style-type: none">• Humidity: maximum 95%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.