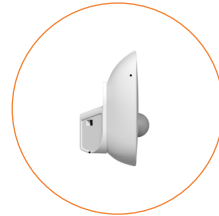
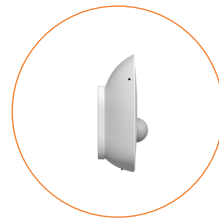


## Products

### – Security & Sensors

PIR313-Z-TY

ZigBee Multi-Sensor



## Description

The PIR313 Multi-sensor is used to measure the ambient temperature, humidity, motion and illuminance. It support Tuya scene and receive notifications from mobile app.

## Main Features

- ZigBee 3.0
- PIR motion detection
- Temperature and humidity measuring
- Illuminance measurement
- Long battery life
- Low battery alerts
- Anti-tamper
- Sleek design
- Support OTA

## Main Specifications

Connectivity	
ZigBee	<ul style="list-style-type: none"><li>• 2.4GHz IEEE 802.15.4</li></ul>
ZigBee Profile	<ul style="list-style-type: none"><li>• ZigBee 3.0</li></ul>
RF Characteristics	<ul style="list-style-type: none"><li>• Operating frequency: 2.4GHz</li><li>• Internal PCB Antenna</li><li>• Range outdoor: 100m (Open area)</li><li>• Anti-RF Interference: 10MHz - 1GHz 20V/m</li></ul>
Physical Specifications	
Battery	<ul style="list-style-type: none"><li>• DC 3V (Two AAA batteries)</li></ul>
Rated Current	<ul style="list-style-type: none"><li>• Standby Current: <math>\leq 40\mu\text{A}</math></li><li>• Alarm Current: <math>\leq 110\text{mA}</math></li></ul>
Illuminance (Photocell)	<ul style="list-style-type: none"><li>• Range: 0~128klx</li><li>• Resolution: 0.1lx</li></ul>
Temperature	<ul style="list-style-type: none"><li>• Range: <math>-10\sim 85^{\circ}</math></li><li>• Accuracy: <math>\pm 0.4^{\circ}</math></li></ul>
Humidity	<ul style="list-style-type: none"><li>• Range: 0~80%RH</li><li>• Accuracy: <math>\pm 4\%</math> RH</li></ul>
Reporting Cycle	<ul style="list-style-type: none"><li>• Temperature/Humidity: 1min</li></ul>
Detecting	<ul style="list-style-type: none"><li>• Distance: 6m</li><li>• Angle: <math>120^{\circ}</math></li></ul>
Operating environment	<ul style="list-style-type: none"><li>• Temperature: <math>-10^{\circ}\text{C}\sim +50^{\circ}\text{C}</math></li><li>• Humidity: <math>\leq 90\%</math> non-condensing</li></ul>
Dimension	<ul style="list-style-type: none"><li>• 83(L) x 83(W) x 28(H) mm</li></ul>
Weight	<ul style="list-style-type: none"><li>• 65g</li></ul>
Mounting Type	<ul style="list-style-type: none"><li>• Tabletop stand or Wall mount</li></ul>