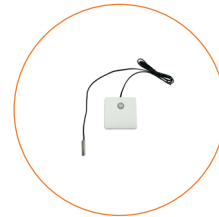
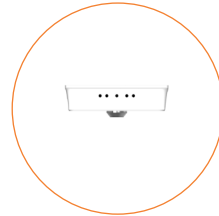


Products

– Security & Sensors

PIR323

ZigBee Multi-Sensor



Description

The PIR323 Multi-sensor is used to measure the ambient temperature & humidity with built-in sensor and external temperature with remote probe. It is available to detect motion, vibration and receive notifications from mobile app.

Main Features

- ZigBee 3.0
- PIR motion detection
- Vibration detection
- Environmental temperature & humidity measuring
- Remote probe (external temperature)
- Low power consumption

Standard models

Model	Include Sensor
PIR323-PTH	PIR, Built-in temperature & humidity
PIR323-A	PIR, Built-in temperature & humidity, Vibration
PIR323-P	PIR
THS317	Built-in temperature & humidity
THS317-ET	External temperature probe
VBS308	Vibration

Main Specifications

Connectivity	
ZigBee	• 2.4GHz IEEE 802.15.4
ZigBee Profile	• ZigBee 3.0
RF Characteristics	• Operating frequency: 2.4GHz • Internal PCB Antenna • Range outdoor: 100m (Open area)
Physical Specifications	
Battery	• DC 3V (2*AAA batteries), Alkaline battery
LED	• 1-color LED (Green)
Temperature	• Internal Sensing Range: -10~85°C Sensing Accuracy: ±0.3°C • Remote probe Sensing Range: -40~200°C Sensing Accuracy: ±0.5°C

Humidity	• Internal Sensing Range: 0~100% Sensing Accuracy: ±3% • Remote probe Sensing Range: 0~100% Sensing Accuracy: ±3%
Reporting Cycle	• Temperature/Humidity: 1~5min • PIR & Vibration When triggered: report immediately Untriggered: report once an hour
Operating environment	• Temperature: -10 °C ~ +55 °C • Humidity: ≤ 85% non-condensing
Detecting range	• Distance: 4m • Angle: 120°
Dimension	• 62(L) × 62 (W)× 15.5(H) mm • Standard line length of remote probe: 2.5m
Mounting Type	• Tabletop stand/Wall mounting/Ceiling