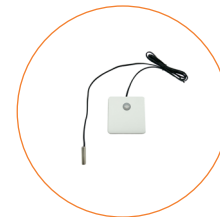
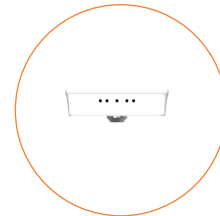


Products

– Security & Sensors

PIR323

ZigBee Multi-Sensor - Motion/Temp/Humi/Vibration



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

The following are the standard models:

Model	Included Sensors
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

Wireless Connectivity	
ZigBee	<ul style="list-style-type: none"> • 2.4GHz IEEE 802.15.4
ZigBee Profile	<ul style="list-style-type: none"> • ZigBee 3.0
RF Characteristics	<ul style="list-style-type: none"> • Operating frequency: 2.4GHz • Range outdoor: 100m (open area) • Internal PCB Antenna
Physical Specifications	
Battery	<ul style="list-style-type: none"> • DC 3V (Two AAA batteries)
LED	<ul style="list-style-type: none"> • 2-color LED (Red,Green)
Temperature	<ul style="list-style-type: none"> • Internal Sensing Range: -10~85°C Sensing Accuracy: ±0.5°C • Remote probe Sensing Range: -20~100°C Sensing Accuracy: ±1°C
Reporting Cycle	<ul style="list-style-type: none"> • Temperature/Humidity: 1~5min • PIR & Vibration: When triggered: report immediately Untriggered: report once an hour
Operating environment	<ul style="list-style-type: none"> • Temperature: -10 °C ~ +55 °C • Humidity: ≤ 85% non-condensing
Detecting range	<ul style="list-style-type: none"> • Distance: 5m • Angle: up/down 100°, left/right 120°

Dimension	<ul style="list-style-type: none">• 62(L) × 62 (W)× 15.5(H) mm• Standard line length of remote probe: External temperature: 2.5m
Mounting Type	<ul style="list-style-type: none">• Tabletop stand or Wall mounting