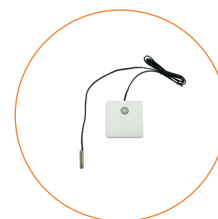
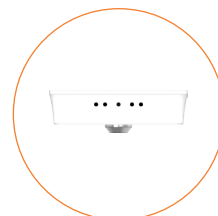


Products

– 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, water Leakage and receive notifications from mobile app. You can customize the above function list, but you can only choose one of two for water leak detection and external temperature measurement.

Main Features

- ZigBee 3.0
- PIR motion detection
- Vibration detection
- Environmental temperature & humidity measuring
- Remote probe (water leakage or 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
WLS316	Water leak

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/indoor: 100m / 30m• 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: -30~100°C Sensing Accuracy: ±1°C
Reporting Cycle	<ul style="list-style-type: none">• Temperature/Humidity: 1~5min• Water leakage, 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: Water leakage: 1m External temperature: 2.5m
Mounting Type	<ul style="list-style-type: none">• Tabletop stand or Wall mounting