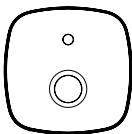PIR313-Z-TY
Tuya ZigBee PIR Multi-Sensor
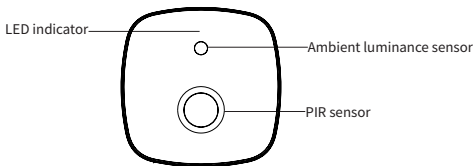
Quick Start Guide

1 Introduction

The PIR313-Z-TY is a Tuya ZigBee version multi-sensor which is used to detect movement, temperature & humidity and illuminance in your property. It allows you to receive notification from the mobile app When the human body movement is detected, you can receive the alert notification from the mobile phone application software and linkage with other devices to control their status.

This guide will provide you with an overview of the product and help you get through the initial setup.
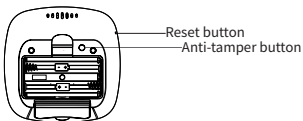
2 Get to know your device

LED indicator

Ambient luminance sensor

PIR sensor

LED indicator

The LED status gives the following information:

LED status	What it means
Green LED keeps flashing rapidly	Device is ready to join a ZigBee network
Green LED from flashing to off	Joined a ZigBee network or network timeout
Red LED flashes once	Motion detected
Red LED flashed twice	Knock-down detected

Reset button
Anti-tamper button

Reset button

· Join network. Press the reset button and release to view the device status on the network. When the device is in the network, the green light flashes three times; When not in the net, the red light flash three times.

· Reset. Press and hold the device reset button for five seconds until the device blinks green at a short time and enters the networking mode for one minute. After the networking succeeds, the device indicator turns off.
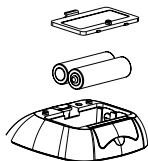
Anti-tamper button

When the rear cover of the device is installed, the anti-disassembly button is pressed, and it belongs to the normal state. When the rear cover of the device is removed, the anti-disassembly button is not pressed, and the anti-disassembly alarm is triggered.

3 **Get started**

3.1 To get started, you will need:
1. A TUYA Gateway
2. A mobile installed Tuya Smart APP
3. A Tuya Zigbee Multi snesor
4. Two D cell batteries

3.3 Connect to the gateway's network

1.Install batteries for the device.

2.Reset the device. For details, refer to Chapter 2 > Reset button > Reset instruction content to operate;

3.Open Tuya Smart APP to add devices. When the device is being added to the network, the green indicator blinks continuously. After the device is successfully added to the network or network add timeout(one minute later), the green indicator will turn off.

Method 1: Click the "+" icon in the upper right corner and choose Add Device > Add Manually > Sensors > Motion Detector > Motion Detector (ZigBee) for device addition.

Method 2: Click one of your gateway and then tap the "+ Add subdevice" to add device.

Note: If failed, please repeat the above step and try again.
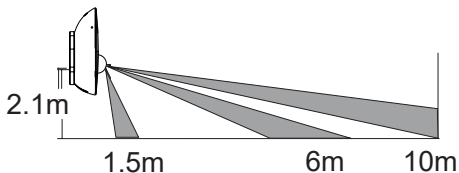
3.4 Installation
You can mount the multi-sensor on the wall as a traditional motion sensor, or you can choose to keep your multi-sensor on a bookshelf or table.

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 multi-sensor in place where people are most likely to enter.
3. Avoid mounting the multi-sensor close to pets, air conditioners, heaters, sunshine and places where the temperature varies.

Mount Example

2.1m

1.5m   6m   10m

Avoid Mounting:

4 Q&A

Question 1: How do I restore the sensor to its factory settings?
Answer 1: Press and hold the reset button for 5 seconds. When the indicator turns green, the reset succeeds.

Question 2: How do I judge whether the sensor has been added to the gateway?
Answer 2: Press the reset button of the sensor once. If the red light blinks three times, it means that the sensor has not successfully joined the gateway; otherwise, the green light blinks three times, it means that the sensor has successfully joined the gateway

5 Technical Specifications

Wireless Connectivity	
ZigBee	• ZigBee 2.4GHz IEEE 802.15.4
ZigBee profile	• ZigBee 3.0
RF Characterristics	• Operating frequency:2.4GHz • Range outdoor/indoor : 30m/100m

Physical Specifications	
Battery	• DC 3V(3 pcs AAA batteries)
Indicator	• Two color LED (Green/ Red)
Temp/Humid Measurement	• Temperature Range: -20°C ~ 125°C • Humidity Range: 0~100% RH
Illuminance Mesurement	• Range: 0~10k Lux
Operating Ambient	• Temperature: -10°C ~ 55°C • Humidity: ≤ 85% no condensing
Detecting	• Distance: 5m • Angle: up/down 100° , left/right 120°
Dimensions	• 83(L) x 83(W) x 28(H) mm
Weight	• 65g
Mounting Type	• Tabletop stand or wall mounting

6 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.