

**MIBOXER**<sup>®</sup> | **Mi·Light**  
Subordinate New Brand

## **PIR Sensor instruction manual**

Model No.: PIR1-ZB

## 1. Feature



Need to pair with Miboxer or Tuya zigbee 3.0 gateway



Motion detection support smart scene automation and intrusion warning



Support to set "hold time" function when motion is detected



Warning notice is sent automatically while sensor is low battery percentage



Strong magnetic mounting method



Flexible 360°angle

## 2. Parameter

Model No.: PIR1-ZB

Battery: CR123A 3V

Standby Power Consumption: 12 $\mu$ A

Detection Angle: 120°

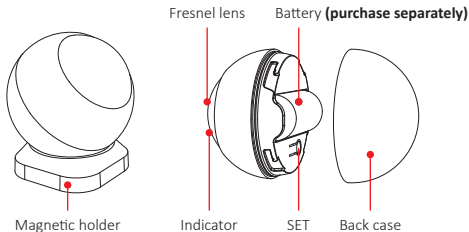
Detection Distance: 7m

Wireless Standard: Zigbee 802.15.4

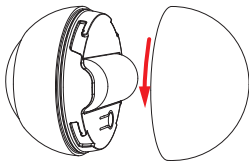
Zigbee Communication Distance:100m(open area)

Working Temp.: -10~40°C

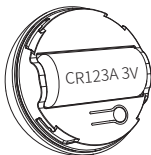
### 3. Description



### 4. Battery Installation



Open the back case anticlockwise

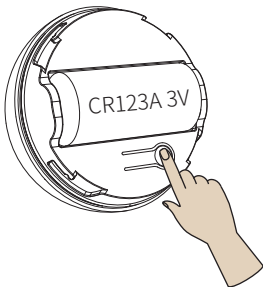


Install CR123A 3V battery  
**(purchase separately)**

## 5. App Connection

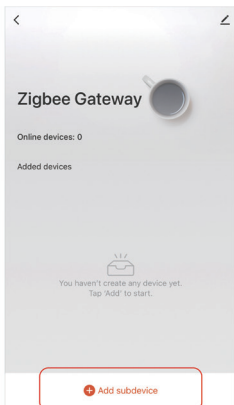
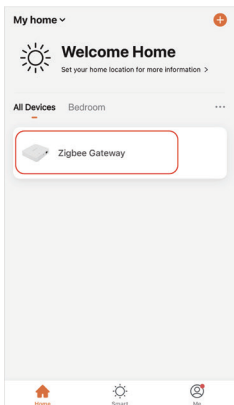
First, you need to have a Zigbee 3.0 gateway and add it to the Tuya Smart APP (see the gateway manual for the method of adding a gateway to the App)

- 1). Install battery (**purchase separately**)
- 2). Long press "SET" button about 5 seconds until indicator flashes quickly



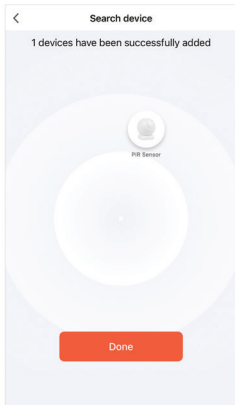
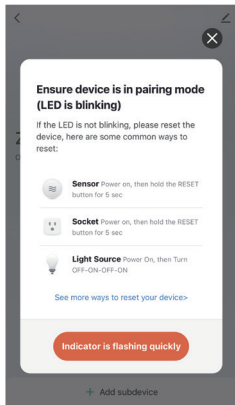
3). Open “Tuya Smart” APP, click connected Zigbee Gateway

4). Click “Add subdevice”



5). Click “Indicator is flashing quickly”

6). Searching device and added successfully

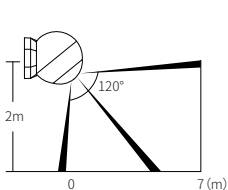


Scan QR code or enter into following link to know more about PIR sensor

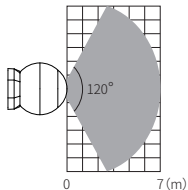
[https://miboxer.com/light/video/pir\\_2.html](https://miboxer.com/light/video/pir_2.html)

## 6. Installation Direction

- 1). Location: install it in the area where people usually cross over and distance must be 2m over the ground. As shown below.

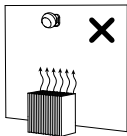
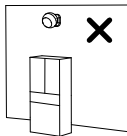


Useful detecting area (vertical view)

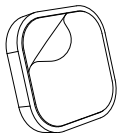


Useful detecting area (overhead view)

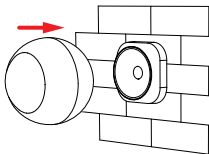
- 2). Stay away from air conditioner, fridge, oven..etc which is easy to affect temperature, don't display it under sunshine directly.



- 3). Remove sticker on the back base, fix base holder on suitable position.



Remove sticker



Put it on magnetic base

## 7. Attention

- 1). Indicator flashes one time and send signal once sensor activates motion detection when nobody crossed. Indicator not light up if sensor detect motion continuously.
- 2). Remove battery if don't often use it, save it in dry and static free condition.
- 3). Don't use it near metal or strong hertz area, it will affect communication distace.



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