

**PIR Motion Sensor**  
**USER GUIDE**

## In The Box



### **PIR Motion Sensor**

Senses when someone walks nearby



### **PIR Motion Sensor Bracket**

For PIR motion sensor installation



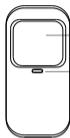
## **Screws x 2**

For PIR motion sensor  
installation



## **User Guide**

## At a Glance

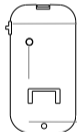


Top view

### Detection window

### LED Indicator

Blinks for 30 seconds after sensor powers on. Lights up when there's motion in the room. And blinks in case of low battery, please replace the battery soon.



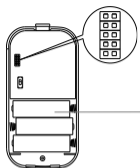
Bottom view

### Power on/off

Slide it up to ON to power up the sensor.

### Pairing button

Press it to send a transmission signal for pairing with your hub.



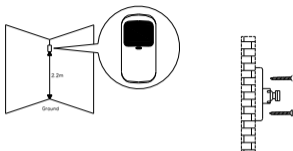
**Setting jumpers**

**Battery receptacle**

Contains three AA 1.5V battery.

**Inside view**

## How to Install

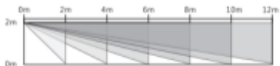


### Mounting height

Motion sensor must be mounted 79 to 87 inches (2 to 2.2m) above the floor.

Mount the bracket with the included screws as shown above. Then place the motion sensor in the bracket. Specify the right direction of the detection range of the motion sensor. Test the operation of the motion sensor by putting it into testing mode which has been described at the former page.

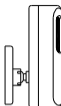
### Detection Area



Side view



Top view



Side view



## Special considerations

- Don't install PIR Motion sensor outdoors, in a garage and on the glass.
- PIR Motion Sensor can't detect motion through glass, like if someone's moving outside a window.
- Don't install in places where PIR Motion Sensor could get wet, like swing-out windows that could be rained on.
- Don't install PIR Motion Sensor within 3 feet (1 meter) of a heat source like an electric heater, heat vent or fireplace or another source that may produce turbulent air.
- Don't install PIR Motion Sensor behind large appliances or furniture that may obstruct its motion sensors.

## Walking Test

### Setting Jumpers



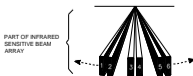
OPEN



CLOSED

### Setting the Pulse Counter (PULSE2 & PULSE1 jumpers)



The motion sensor is equipped with a programmable pulse counter which can be set to count 1,3 or 5 pulses.



Place the pulse count jumpers at the desired setting as shown below.

## Working mode (TEST & NORMAL jumpers)

To save battery power in normal use, if the sensor is triggered twice within 3 minutes, it enters sleeping state immediately. During this period, any movement detected does not generate an alarm. After no movement within the next 3 minutes, it goes back to working state again.

- For effective walk testing, set jumpers as shown on the right. 
- When walk testing is done, set jumpers to save power as shown on the right. 

## LED jumper

CLOSED enables LED on.

## Specifications

Power Supply:	1.5V AA Battery x3
Standby Current:	<15uA
Alarm Current:	<25mA
Pet Immunity:	<15kg
Detection Scope:	<12m/110°

Transmitting Distance: <80m (Open Area and No Interference)

Radio Frequency: 433Mhz

Operation Temperature: 0~55°C