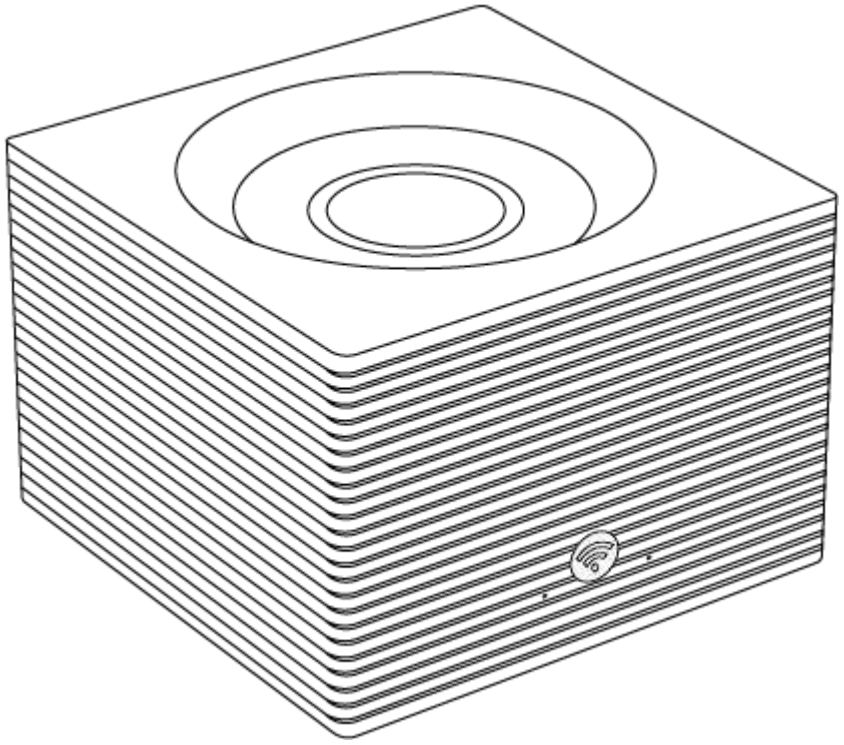
GSM+Wi-Fi dual-network alarm system

User Guide



Overview

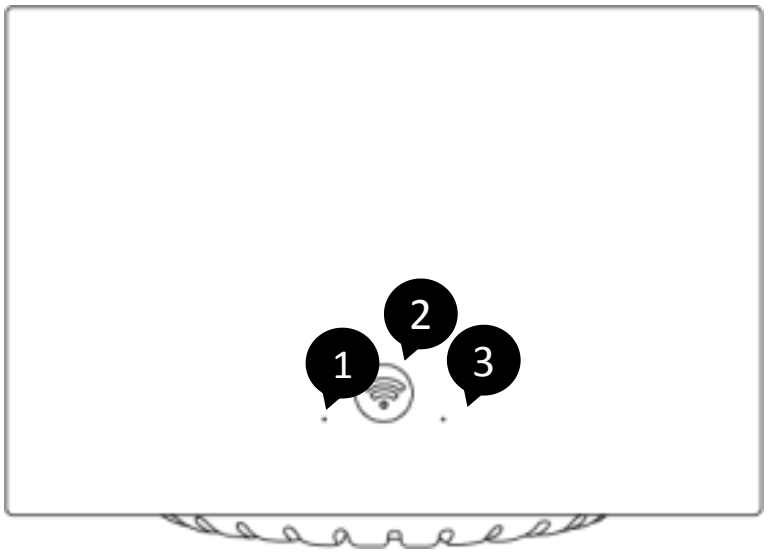
The hub cellular+Wi-Fi model is a dual network system that utilizes both Wi-Fi 802.11 b/g/n(2.4GHz) and cellular(GSM).
All sensors are wirelessly connected to the hub. In the event of alarm activation, for example, when a sensor is triggered, a push notification will be sent and an alarm call will be made automatically to all registered users.
The system can be controlled on-site by the remote tag supplied, or remotely from anywhere with our free dedicated mobile application.
The hub can connect with up to 100 wireless sensors, 10 remote tags, multiple wireless sirens and an external siren .
If the building has lost electrical power, the backup battery built-in the hub provides power operation up to 3 hours.

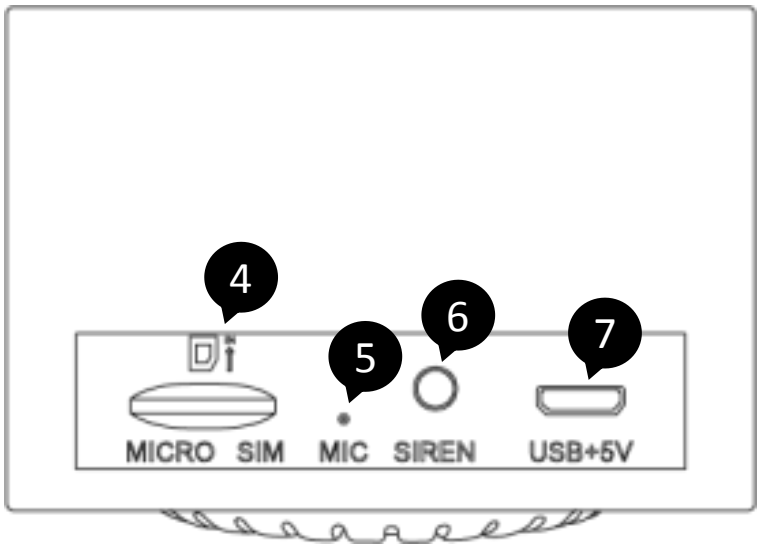
In The Box

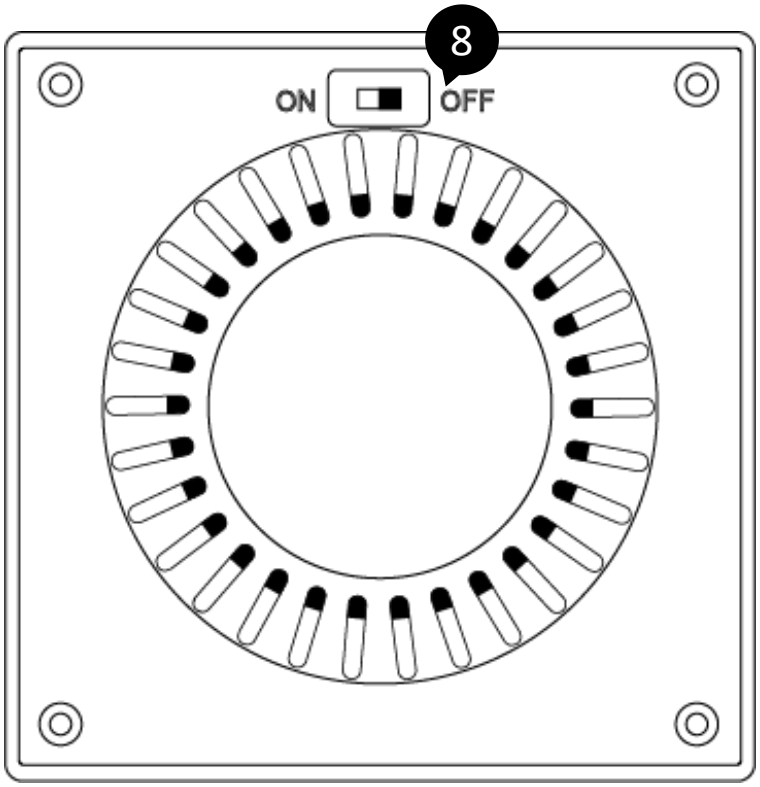
Alarm Panel/Hub x1
Power Adapter and Cord x1
Remote Tag x2
Door/Window Sensor x1
PIR Motion Detector x1
SIM eject tool x1
User Guide x1

At a Glance

Hub







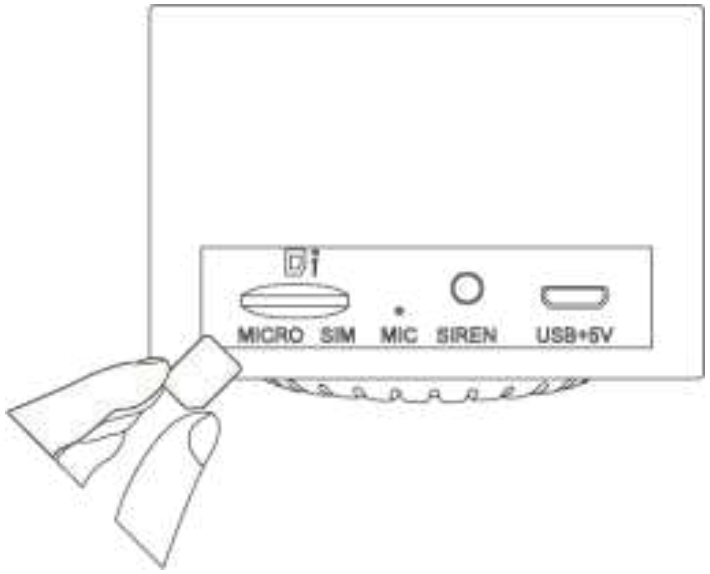
1. Green (GSM) indicator
2. Configuration button
3. Blue (Wi-Fi) indicator
4. SIM card slot
5. Microphone
6. Siren port
7. Power port (Micro USB)
8. Battery on/off switch

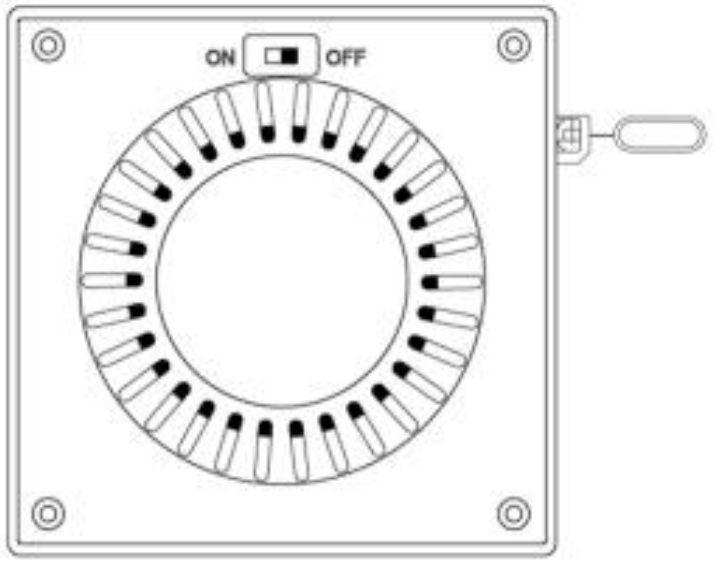
Green (GSM) indicator

What you see	What it means
Solid	Cellular network is available
Pulse per 4s	Searching network or no SIM card
Blinking	Calling or text message sending
Nothing	Cellular module failure

Blue (Wi-Fi) indicator

What you see	What it means
Blinking	Wi-Fi connection configuration in Smart Mode @ quickly (flashing 10 times per 1s), in AP Mode @ slowly (flashing once per 1s)
Solid	Connected to internet
Pulse per 4s	Connecting
Nothing	Wi-Fi module failure



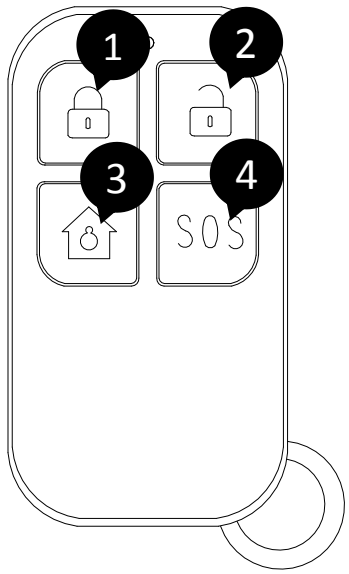


SIM card

A Micro-SIM card is required to use cellular services when connecting to GSM networks.

Install it using SIM eject tool before getting started.

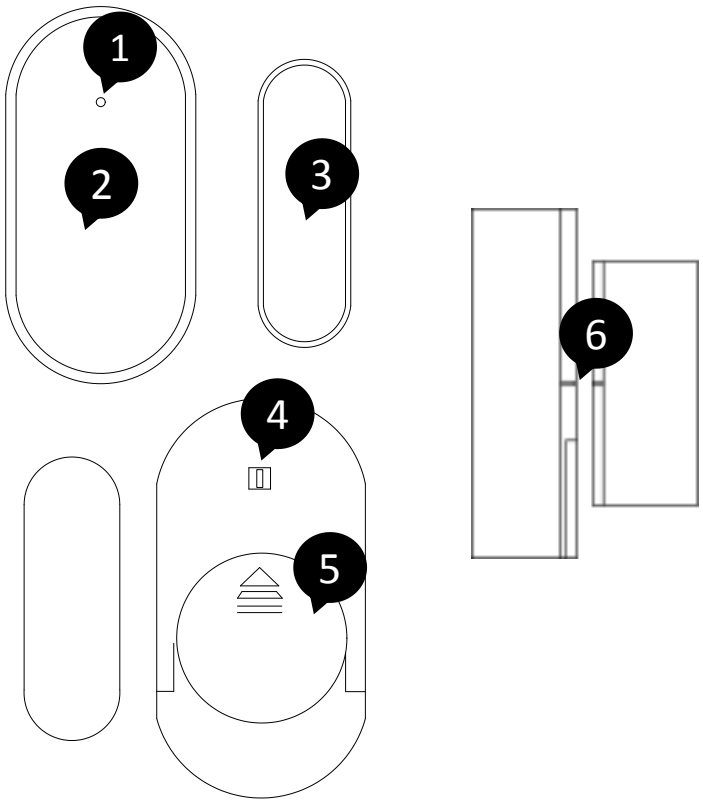
Remote tag



1. **Arm button**
2. **Disarm button**
3. **Home arm button**
4. **Panic button**

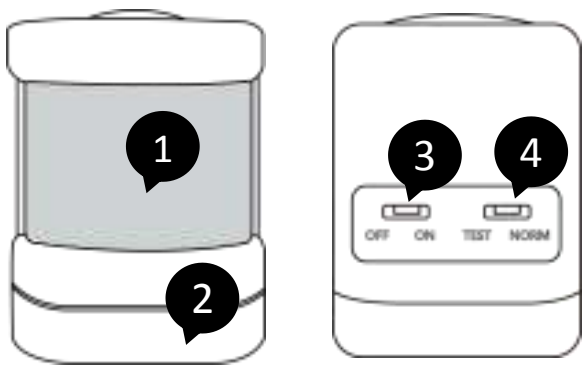
Door/window sensor

1. Indicator
2. Sensor
3. Magnet
4. Tamper switch
5. Battery cover
6. Alignment mark



PIR motion detector

1. Motion detect lens
2. Battery receptacle
3. Power on/off switch
4. TEST/NORMAL switch



Placement/Installation

Before installation, please test the wireless sensors range first.
It is not advised to mount the motion detector or door/window sensor onto metal surfaces as the material can block RF signals between the transmitter and the hub.
Please clean the flat area where you intend to install the sensors. Using double-sides adhesive tap to install the motion detector or door/window sensor.

Where to place hub

Find a spot with a good Wi-Fi and cellular signal that should be close to where you come and go so your hub is easy to access on your way in and out.
Choose an outlet that’s not controlled by a switch, so you don’t accidentally turn off the hub. Connect the power cord to the USB port and plug the power adapter into the outlet to power on your hub, then slide the battery switch to on .

Door/Window Sensor

Install the detector on the door case (window frame), and attach the magnet to the moving part of the door (window) to the alignment mark of the detector. The magnet should be aligned with the middle of detector and placed within 0.6 inches (1.5cm) away from the detector when the door or window is closed.

PIR Motion Detector

When selecting the detector installation location, take into account the lens direction and presence of any obstacles impairing the view and radio signal transmission. Motion detector must be mounted 79 to 87 inches(2 to 2.2m) above the floor.

For effective walk testing, slide **TEST/NORMAL switch** to TEST.When walk testing is done, slide it to **NORM** to save power. In **NORM** mode**,** if the detector 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.

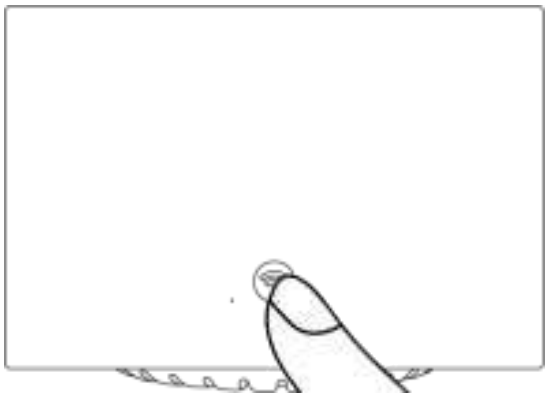
APP

Smart Life

Scan the QR code or find “Smart Life” from GooglePlay/APP Store to get the free application for Android or iOS. Upon installation of APP on your phone, the app will guide you through registering, connecting the hub to the internet.

Add your hub

Connecting your hub to Wi-Fi network via **SmartLink Mode.**
Tap ***Add Device*** or “**+**”, select ***Security & Sensors*** from ***Add Manually***, then tap ***Alarm(Wi-Fi)***.
On your hub, press and hold the configuration button until the blue light flashes quickly ***(ten times per 1s)***, then it is ready to be connected.
choose your local Wi-Fi and input password(Only 2.4GHz Wi-Fi network is supported).Tap ***Fast flashing***,
Wait the configuration finishes, tap ***Done***.



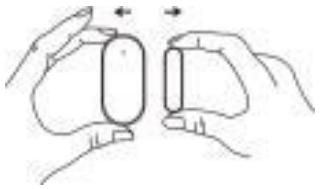
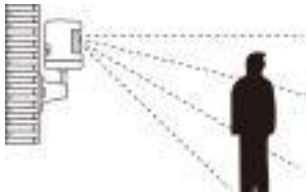
Please change to **Soft AP Mode** if the configuration fails in **SmartLink Mode.**
On your hub, press and hold the configuration button until the blue light flashes slowly ***(once per 1s)***.
Tap the top right icon in APP to select "***AP Mode***", then tap ***Slow flashing*.**
Tap ***Confirm > Go to Connect***, then choose the Wi-Fi hotspot named "Smartlife-XXXX" in your Wi-Fi list.
Go back to your app to wait the Wi-Fi configuration finishes, then tap ***Done***.

Pairing

The wireless accessories supplied with this kit are paired with hub. IF NOT or you want to pair more, you might easily pair wireless accessories with your hub as following.

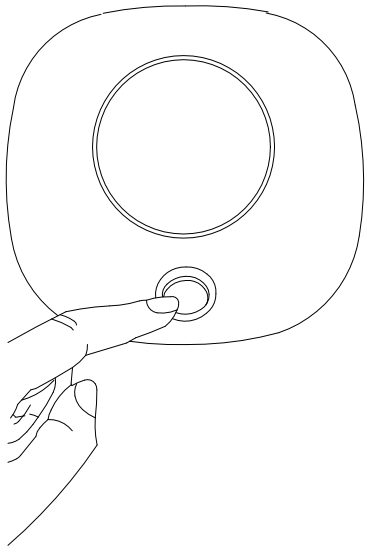
- At your device home page in APP tap ***Accessories* > +**, or click configuration button three times on your hub, then the hub goes into the pairing/sniffer mode with both green and blue indicators blinking.
- Trigger your wireless accessory that need to be added, then the hub sounds a tone.
- After the accessory is added,each of them will be classified to each corresponding column automatically in APP.

How to do in pairing mode

To	Do like this before the hub sniffer countdown expires	
Add a wireless sensor	Start with door sensor and magnet closely aligned, then separate until blue light comes on.(Don't active tamper switch)	
	Trigger PIR with an motion	
Add a remote tag	Press any button on your remote tag	

Tips: up to 100 wireless detectors and 10 remote tags can be added.

How to pair a wireless siren



- Press and hold the SET button of the siren until you hear one beep and the light is on , then the siren goes into the sniffer.
- Click configuration button five times on your hub, then the hub sounds a tone and sends a transmission signal to the siren.
- The siren gives a long beep of successful indication.

Tips:

When a alarm occurs, the wireless siren sound until the system is disarmed or alarm sounder timeout occurs.

If you want to disconnect the wireless siren with the hub, press and hold the SET button of the siren until you hear three beeps.

Getting Started

Set phone numbers

Up to 5 stored Phone Numbers will receive text messages (SMS) and phone calls in case of triggered alarms.
In APP, tap ***Setting > Alarm call number*** to add phone numbers and tap ***Alarm call*** to turn alarm call on.
Tap ***Alarm SMS number*** to add phone numbers for receiving SMS and tap ***Alarm SMS*** to turn alarm text message on.

Tips:
The hub will make phone calls to the stored phone numbers successively (up to 2 rounds in turn). If the phone call is answered and any Keypad Command has been operated by one of these users, it will stop calling the next phone number; otherwise it will continue to remind users until it is up to 2 rounds.
When the stored phone calls the hub, two-way talk is connected automatically.

Keypad Command:

WHICH BUTTON YOU PRESS ON PHONE	WHAT HAPPENS
1	Arm
2	Disarm or silence when the alarming is sounding
3 or 4	Two-way talk

Using Security System

Arm/Disarm

You can arm and disarm your home using the remote tag or APP.

No Rush

With No Rush, you can take the time you leave home or disarm before the alarm sounds. By default, you have 40 seconds.

To adjust the countdown timing in APP, tap ***Settings > Exit Delay and Entry Delay*** to change the delay you want.

Tap  to Away arm.

Tap  to Home/Partial arm.

Tap  to Disarm.

Tap  to trigger an emergency alarm.

Tips:

When you arm the system, the hub says "***Hello, the door or window is unclosed***" (or sounds an alarm) if you leave the door or window open.

In APP, tap ***Setting > Timer*** to edit the schedules for arming/disarming your system automatically at a daily time.

Change Settings via APP

Exit delay & Entry delay
Your security system has been programmed with delay times that allow you to exit your home after arming, and to disarm the system upon entry before an alarm occurs. If you leave home too late when exiting, or disarm too late when arriving home, it will cause a false alarm. If an false alarm occurs, you should disarm the system immediately.

Alarm duration
Adjust alarm sound duration from 1 to 59 minutes.

Alarm sound
Turn alarm sound on or off when an alarm occurs.

Sensor low battery alarm
Enable to receive notification when the wireless accessory is low battery.

Countdown with tick tone
Turn countdown tick tone on or off when the hub is during Exit Delay or Entry Delay.

Hub language
Choose local voice prompt and next message language from hub.

Change Zone Mode via APP

Each of sensors is specified a Zone mode, which defines the way in which the system responds to faults in that zone.
In APP, tap ***Accessories*** and pick the detector you want to set, then change Zone Mode from list described as followings.

Normal: Sensors set to Normal Zone are activated in Arm (full arm) or HOME Mode (home/stay/partial arm). We recommend setting door/window sensor to Normal Zone.
24 Hours: Sensors set to 24H Zone will activate the alarm and sounding when triggered, regardless of the alarm status (Armed or Disarmed).
Delay: If sensors set to Delay Zone are triggered, the Hub will sound the alarm after the delay time passed. We recommend setting door sensors with a delay if they are used as primary entryways.
Home: Sensors set to Home Zone are only activated in Arm (full arm). If Stay Arm Mode (partial/home arm) is used, these sensors are not armed and will not activate the alarm if triggered. We recommend setting PIR Motion Detectors to Home Zone.
24 Hours Silent: The mode is same as **24 Hours** but no sound.
Home with delay: It is same as **Home** but with Entry Delay in Arm.
To disable the sensor, select ***Off***.

Reset

This process resets your hub to factory settings and disconnects all wireless accessories.
Tap ***Settings > Factory reset*** in APP, or click configuration buttons more than 15 times until the bub sounds a tone , then the hub restarts. The factory reset is now completed.

Specifications

Hub

Power Supply: Micro USB 110/220VAC to 5V, 1000mA
Backup Battery: 3.7V, 500mAh Lithium Battery
Consumption: <150mA@normal
Siren Output: <500mA
Radio Frequency: 433Mhz
GSM: 850/900/1800/1900MHz
Wi-Fi: IEEE802.11b/g/n
Operation Temperature: -10~55℃

Remote

Power Supply: DC 3V (CR2025 Lithium Battery x1)
Standby Current: <5uA
Transmitting Distance: <80m (Without obstacles and no Interference)
Radio Frequency: 433Mhz
Operation Temperature: -10~55℃

Door/Window Sensor

Power Supply: DC 3V (CR2032 Lithium Battery x1)
Standby Current: <8uA
Transmitting Distance: <80m (Without obstacles and no Interference)
Radio Frequency: 433Mhz
Operation Temperature: -10~55℃

PIR Motion Detector

Power Supply: DC 3V (CR2450 Lithium Battery x1)
Standby Current: <15uA
Alarm Current: <25mA
Detection Scope: <12m/110°
Transmitting Distance: <100m (Without obstacles and no Interference)
Radio Frequency: 433Mhz
Operation Temperature: -10~55℃