SONOFF PIR3-RF 433MHZ Motion Sensor with Alarm Notification Instruction Manual

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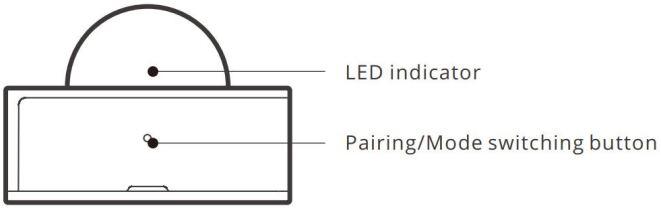
Product Information

The device is a motion sensor called PIR3-RF, manufactured by SONOFF TECHNOLOGIES CO., LTD. It operates at a frequency of 433MHz and can be used intelligently by working with the SONOFF 433MHz RF Bridge to communicate with other devices. It is also compatible with other gateways that support the 433MHz wireless protocol. The device comes in two versions, one with a battery (CR2450 model) and one without.

Product Introduction



LED indicator status instruction

LED indicator status	Status instruction
Red LED is stays on for 1s	A movement is detected
Red LED is stays on for 5s	Switched to the“home”mode
Red LED flashes twice	Low-battery notification
Green LED is stays on for 5s	Switched to the “away”mode

Specifications

Model	PIR3-RF
RF	433.92MHz
Power supply	3V button cell(Battery model: CR2450)
Detection Distance	≤8m (Indoor space)
Detection angle	100°
Working temperature	-10℃~40℃
Working humidity	10-90%RH (non-condensing)
Material	PC
Dimension	40x35x28mm

Features

- Low-energy design
- Movement detection in real-time
- Alarm push notification for detected movement
- Application modes including share control
- smart scene

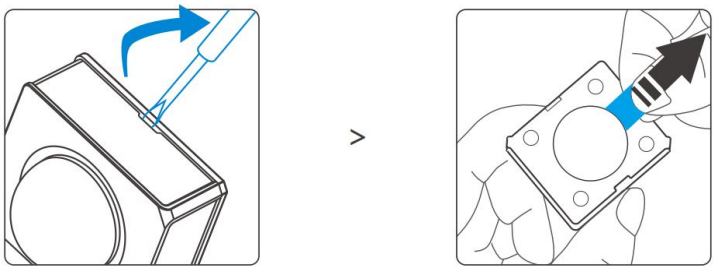
Operation instruction

- **Download APP**

  To use the device, download the eWeLink app on your Android or iOS device.

- **Pull out the battery insulation sheet**

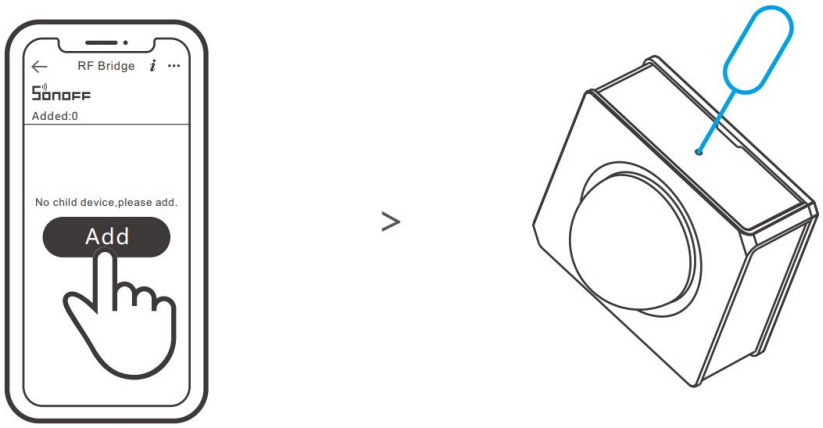
  If you have the battery version of the device, remove the insulation sheet from the battery.



- **Add sub-devices**

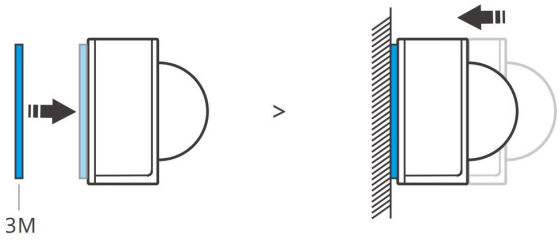
  Connect the Bridge before adding the sub-device. Before adding sub-devices, make sure to connect the SONOFF 433MHz RF Bridge. Launch the eWeLink app, select the Bridge to be paired, tap “Add”, and select “Alarm”. You will hear a beep indicating that the Bridge has entered pairing mode. Next, short press the pairing button on the device (or make the device detect movement) to complete the pairing process. The red LED on

the device should stay on for 1 second and the Bridge will make a beep-beep sound to confirm successful pairing. If the addition fails, try moving the sub-device closer to the Bridge and try again.

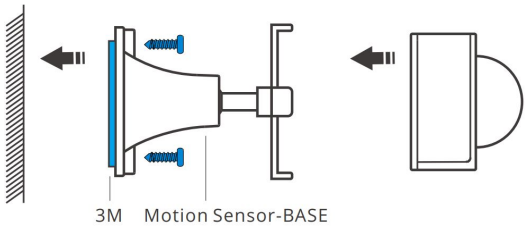


Installation methods

- **Method 1**
  Install using 3M method.



- **Method 2**
  Install using 3M Motion Sensor-BASE. Please note that the motion sensor-base is not included and needs to be purchased separately. Avoid installing on a metal surface as it may affect wireless communication distance. It is recommended to install the device at a height of less than 2 meters.



Application Mode

- The device has two modes: home and away. The away mode is set as the factory default.
- In-home mode, long press the mode switching button for 5 seconds until the LED indicator flashes red and holds for 5 seconds. This indicates that the device has entered home mode.
- In away mode, long press the mode switching button for 5 seconds until the LED indicator flashes green and holds for 5 seconds. This indicates that the device has entered away mode.
- In the away mode, a message will be triggered and pushed to the app every 5 seconds. In the home mode, a message will be triggered and pushed to the app once when no movement is detected for 60 seconds.

Documents / Resources

SONOFF PIR3-RF 433MHZ Motion Sensor with Alarm Notification [pdf] Instruction Manual
PIR3-RF, PIR3-RF 433MHZ Motion Sensor with Alarm Notification, 433MHZ Motion Sensor with Alarm Notification, PIR3-RF 433MHZ Motion Sensor, 433MHZ Motion Sensor, Motion Sensor, Sensor