# Manuals+

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**SHENZHEN HZ-PIR-01 Smart Motion Sensor User Manual** 📄

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# SHENZHEN HZ-PIR-01 Smart Motion Sensor

## Product Information

### Specifications

- **Product Name:** Smart Motion Sensor
- **Model Number:** HZ-PIR-01
- **Features:**
  - Motion detection with adjustable sensitivity
  - Easy installation and setup
  - Works with compatible smart home systems

## Product Usage Instructions

1. Mount the motion sensor in a suitable location within the recommended range for optimal performance.
2. Follow the provided instructions to pair the sensor with your smart home system or device.
3. Adjust the sensitivity settings as needed to customize the detection range.
4. Test the sensor by moving within its detection range to ensure proper functionality.
5. Monitor and configure alerts or automation tasks based on the sensor's triggers through your smart home system.
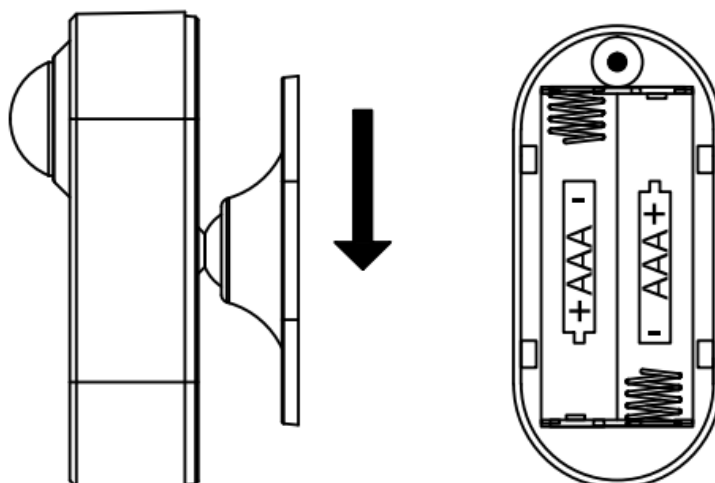
## Product parameter

| 1.Sensor X1 | 2.Manual X 1 |
|---|---|
| 3.Double-sided tape X1 | |

| Model | HZ-PIR-01 |
|---|---|
| Battery Type | LR03 AAA X2 |
| Operating Voltage | DC 3V |
| Quiescent Current | <65uA |
| Illuminance range | 0 - 3000Lux |
| Communication | Zigbee3.0/Wifi (Optional) |
| Operating temperature&humidity | -10°C ~ 55°C <95% RH |

## Operating instructions

### Installing the battery

Pull down the bracket, open the back cover, and install 2 AAA batteries



Please pay special attention! The positive and negative poles of the battery are in the correct direction!

After installing the battery, snap the back cover of the bracket into the main body and push it upwards to secure the back cover.

**Please read the manual carefully and use the product correctly**

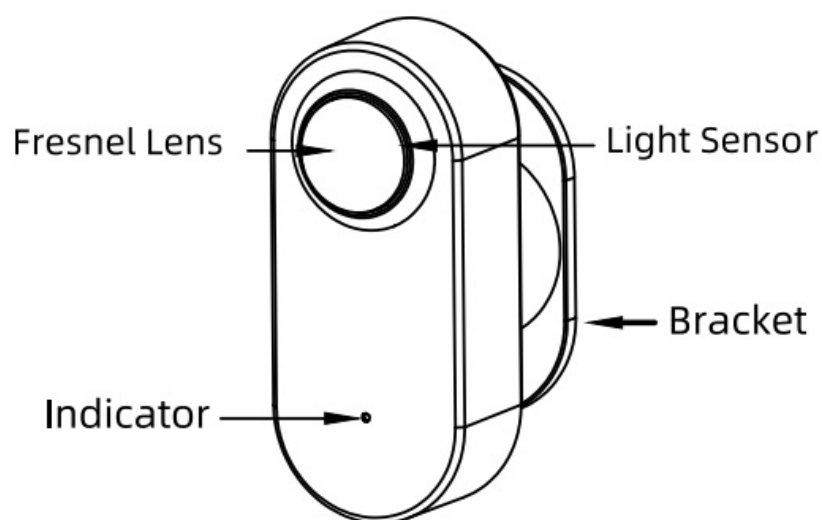Thank you for purchasing and using this product.

Before using the product, please read the manual carefully and use the product correctly. In order to avoid damage to the equipment, such as all consequences caused by abnormal operation,

The company will not bear any responsibility.

The pictures in this manual are used to guide the user's operation and are for reference only.

Please refer to the actual product for

## Product Description



**Download APP**

Scan the QR code on the below, or in the app store Search for "Smart Life", download and install it The APP.
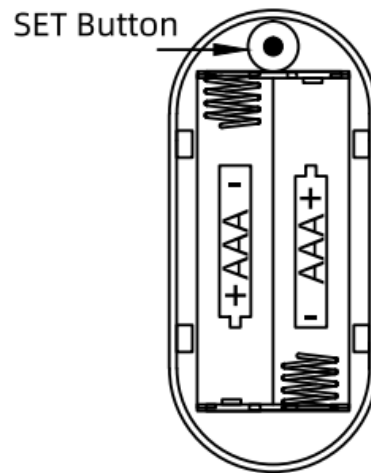


Must connect to the zigbee gateway to use it.

For details, see Zigbee Gateway Instruction manual, first bind Zigbee gateway to App.
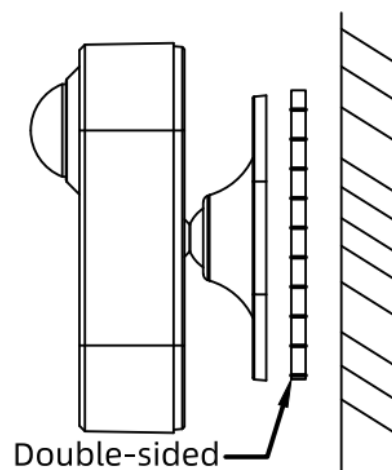
**Binding device description**

Long press and hold the SET button for 3 seconds, the indicator light quickly flashes,and the device has entered the configuration network mode.



If the device is Zigbee, it must have a Zigbee gateway. And select Zigbee gateway. When the APP finds the device, click the device icon and follow the APP prompts to complete the operation Bind.

## Installation instructions

You can use the matching double-sided adhesive to fix the device to the wall, or use screws to fix it to the wall



**Attention!** Please do not aim the device at objects with high air flow or moving motion to avoid false alarms.

Please face the radar to the area that needs to be detected

## Function and working logic descriptior

1. The red light flashes once, indicating that someone has been detected entering
2. The device collects light values every 1 minute, and if there is a change in the light value, it will automatically upload light data.
3. As it is a low-power device, after setting parameters, it needs to be triggered once or updated only when the device uploads data.

    Radar parameter setting instructions



Scan QR to view

## FCC Statement

This equipment has been tested and found to comply with the limits for a Class B digital device,pursuant to part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.

- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

To assure continued compliance, any changes or modifications not expressly approved by the party.

Responsible for compliance could void the user's authority to operate this equipment. (Example- use only shielded interface cables when connecting to computer or peripheral devices).

This equipment complies with Part 15 of the FCC

Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference, and
2. This device must accept any interference received, including interference that may cause undesired operation.

**FCC Radiation Exposure Statement**

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.

## Frequently Asked Questions

**Q: How do I change the battery in the motion sensor?**

**A:** To change the battery, locate the battery compartment on the sensor, remove the old battery, and insert a new one following the polarity markings.

**Q: Can the motion sensor be used outdoors?**

**A:** It is recommended to use the motion sensor indoors as it may not be designed to withstand outdoor elements.

**Q: How far can the motion sensor detect motion?**

**A:** The motion sensor's detection range typically varies, but it is designed to detect motion within a specific distance range as specified in the user manual.

# Documents / Resources

| | |
|---|---|
|  | [SHENZHEN HZ-PIR-01 Smart Motion Sensor](#) [[pdf](#)] User Manual 2BOUN-HZ-PIR-01, 2BOUNHZPIR01, HZ-PIR-01 Smart Motion Sensor, HZ-PIR-01, Smart Motion Sensor, Motion Sensor, Sensor |

## References

- [User Manual](#)

📁 Shenzhen

🏷 2BOUN-HZ-PIR-01, 2BOUNHZPIR01, HZ-PIR-01, HZ-PIR-01 Smart Motion Sensor, Motion Sensor, Sensor, Shenzhen, Smart Motion Sensor

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