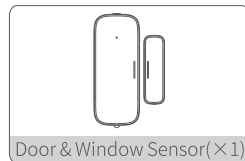


# HO-031ZB Door & Window Sensor Manual

Please read this manual carefully before use, iHORN reserves the final interpretation right of this manual

## Packing List

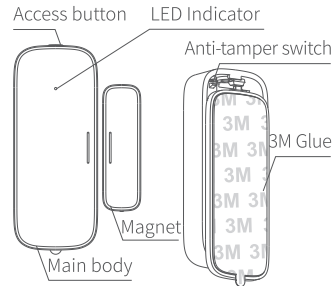
Make sure the device & accessories complete after unpack as below.



Batteries (battery pack or batteries installed) shall not be exposed to excessive heat such as sunshine, fire or the like.

## Appearance & Feature

### Appearance



### Feature

This product uses the principle of magnetic control, when the magnet is separated from the main body by more than a certain distance (about 20mm),

the sensor automatically emits a wireless signal, and the App reminds the doors and windows are opened. With the gateway can achieve different intelligent linkage.

## Product usage

### Install iHORN Smart Life App

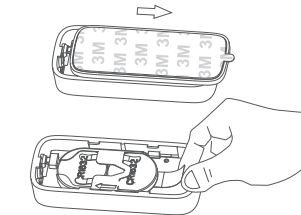
Scan the QR code below to download the " iHORN Smart Life " App.

Or search for " iHORN Smart Life " in App Store or Google Play to download and install.

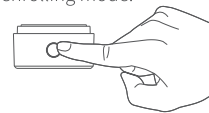


### Add Device

1. Connect your mobile to your home Wi-Fi.
2. Open the "iHORN Smart Life" App.
3. Add the gateway to the App according to the gateway user guide.
4. After the gateway is successfully added, go to the gateway interface and select "Add sub-device> Door & Window sensor" and follow the instructions.
5. Slide open the back cover in the direction shown. Remove the battery insulation strip, the blue LED will flash, and the door and window sensors will be automatically connected to the gateway within 30 seconds.



6. If adding sub devices fails, please move the sensor close to the gateway and press the network access button for 5 seconds, the blue LED will flash and enter into the enrolling mode.



7. Click "Confirm indicator rapidly blink" in the App, the gateway voice prompts to enter into the add sub-device mode.

### Reset the device first.

Power on the device and confirm that indicator light rapidly blinks



Resetting Devices >

Confirm indicator rapidly blink

Hereby, China Security & Fire IoT Sensing Co., Ltd. declares that the radio equipment type is in compliance with Directive 2014/53 /EU. The full text of the EU declaration of conformity is available at the following internet address: <http://www.ihorntech.com/Service/Download.html>

Special instructions:

- (1)The product comply with RF specifications and technical standards, which can be used in a small communication range;
- (2)The product comply with the DOC statement.

Manufacturer:

China Security & Fire IoT Sensing Co., Ltd.  
Address: The 4th Building, 1st floor of the 5th Building, New and High Technology Industrial Park, Guangming, Wandaiheng, Baoan, Shenzhen, China

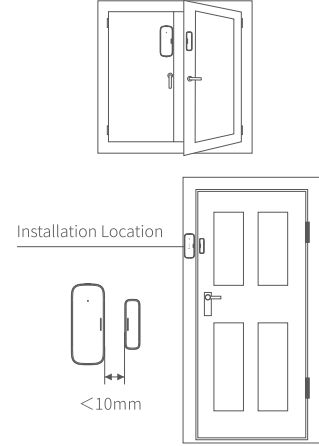
8. Wait for the door & window sensor to be added successfully.

Installation Instruction

1. Remove the protective film of 3M glue and fix sensor to selected position.



2. You can install product in main gate, window.etc, for example as shown below.



Notice

- 1. This product is for indoor use only. Do not install it outside or in locations with weak foundations or rain.
- 2. Do not place magnetic objects near it to avoid disturbing the sensor operation.
- 3. The magnet part should be installed on the movable door (window) as much as possible, and the main part should be installed on unmoved part of door (window) frame.
- 4. The magnet and main body must be installed on the same level. It's better to be closer, the distance must be shorter than 10mm, otherwise it has no effect.

5. This product should be installed in a place where animals are not easily accessible, and away from magnetic fields. Don't install to metal door or window.

Function Instruction

- 1. It needs to be used with a gateway. When using the product for the first time or replacing the gateway, it needs to be enrolled with the gateway.
- 2. It is in standby mode under normal status. When the door (window) is opened or closed, it will send status switching information of door (window) to gateway.

- 3. This product is in standby mode under normal conditions. When the tamper switch is triggered or restored, the product sends the tamper status switch information to the gateway.
- 4. It has a low voltage reminder function. When its battery power is low, it will send a low power reminder to gateway.

Technical Parameter

Wireless protocol	ZigBee3.0
Transmit frequency	2.4000~2.4835GHz
Transmit power	<10dBm
Battery type	CR1632
Quiescent current	<5μA
Working temperature	-10°C~+55°C
Working humidity	≤95%RH
Main body size	54.0×22.2×12.5mm
Magnet body size	33.3×10.2×12.5mm

Restore Factory Setting

When the device is powered on, the blue LED will flash quickly after pressing the button for 5 seconds, and the sensor will automatically enter into enrolling state after restoring factory setting.

Guarantee

Dear users, thank you for choosing our products. Please read the following content carefully before installing and using this product:

- 1. The warranty period is one year from the purchase date, and we will provide free repair for any failure caused by the quality of the product itself under normal use. If you have quality problems within 7 days from the purchase date, you can enjoy free replacement.
- 2. The following conditions are not covered by the warranty:
  - Failure or defect caused by improper use environment or conditions;
  - Failure or damage caused by other issues than the design, technology, production, product quality;

- Malfunctions or defects caused by the use of third-party products, software or components;
  - Malfunction or defect caused by improper installation, incorrect use, unauthorized repair, modification, accident, force majeure or other external reasons;
  - The product has exceeded the warranty period.
- The final interpretation right belongs to China Security & Fire IoT Sensing Co., Ltd.