封面

Contact Sensor User Manual

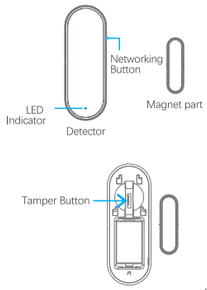
Product model：ZBXSDW-2

•Please read the user manual carefully before operation.
The guide picture is for reference only, please in kind prevail.

1 Production Introduction

The smart door sensor adopts ultra-low power Zigbee wireless technolgoy, with low power consumption, high security, interconnection and other characteristics. The door or window switch state is sensed by the proximity and separation of the sensor and the magnet. Dual sensor design makes installation more flexible and adaptable. When the gateway is in the armed state and the magnet is separated from the sensor, the sensor sends an alarm signal to the smart gateway. The smart gateway will send the alarm signal to mobile phone immediately through cloud server.

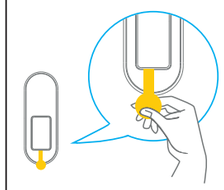
2 Illustrations



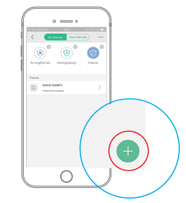
3 Technical Parameters

1.Operating Voltage：DC3V (CR2x1)
2.Detection Distance：≤15mm
3.Networking Mode：Zigbee
4.Wireless Networking Distance：≤100m (open area)
5.Working Environment：-10℃ ～ +50℃
6.Working Humidity：≤ 95% (no condensation)
7.Battery Life：2 years（According to actual use,battery life may be shortened）
8.Detector Dimension：72×21×26 mm
9.Magnet Dimension：35×11×13 mm

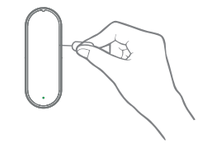
4 Networking



•Remove battery insulation film to power on。



• Open SmartZone APP and enter into gateway, then tap "+" to add door sensor according to the instructions.



• Add device: press and hold the networking button for 2 seconds, until the green LED flashes quickly, then the device will be shown in the APP.
• Delete device: press and hold the networking button for 5 seconds, until the green LED flashes slowly, indicating the device is deleted from gateway successfully.

5 LED Status Description

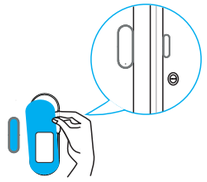
LED	Status
Green	1.Green LED flashes quickly(5 times per second) ,when the sensor is being added to gateway. 2.Green LED keeps on for 2-3 seconds, when adding is successful. 3.Green LED flashes slowly for 6 times (twice per second), when adding is failed.
	Green LED flashes slowly for 6 times, when device is deleted from gateway successfully.
Red	Red LED flashes once, when the door or window switch state is changed.

6 Installation Instructions

1. The LED indicator should face down during installation.
2. When installing, Align the alignment mark of the detector with the alignment mark of the magnet. The installation clearance is less than 15mm. (The magnet part can be installed on the left and right sides of the detector)
3. Avoid installing on the metal door. (Metal doors can affect the detection distance and wireless communication distance.)

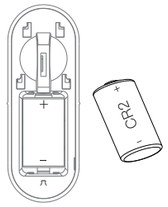
7 Functional Diagram

8 Product Installation



•Tear off double-side tape, fix detector's hang board and magnet part at suitable position. (As picture, detector should be installed on doorframe or fixed position. magnet part should be installed at movable part).

9 Battery Replacement



•To replace the battery, remove the detector from the mounting bracket, insert the battery into the battery compartment, and then install the detector on the bracket.

10 Warranty

1. From the date of product purchase, provide free warranty and lifetime maintenance service within one year. One year later, the repairs and replacements will be charged a certain amount of cost.
2. Within one week after the sale, due to product quality problems that seriously affect the use, return can be made, but the appearance of the product must be guaranteed without any damage and the package is complete.
3. The following product damages or other causes caused by non-company factors are not included in the company's free maintenance:
a. Incorrect installation.
b. Voltage mismatch.
c. Improper use due to failure to follow the instructions.
d. Repairs or changes not authorized by the company.
e. Did not provide proper working environment.
f. Damage to the product due to secondary transportation by the user.
g. Force majeure factors such as natural disasters (lightning strikes, earthquakes, tsunamis, etc.) and accidents.

Notes:
•The pictures shown are for reference only.
•As the technology is constantly updated, if actual operation is inconsistent with the user manual, the final interpretation rights is reserved to the manufacturer.

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尺寸：252*56mm 折后尺寸：36*56mm
材质：80g书纸，正反面彩色印刷

FCC Warning

This device 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.

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: 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.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.