

# Wireless Door Sensor User Guide

## I Introduction

It is a mini wireless door sensor regarded as an important part of wireless alarm panel. It can realtime detect open/close of door/window, tamper and low battery status. Also, you can register the door sensor to Control Panel by triggering the door sensor or scanning its QR code. With exquisite design, it will perfectly match up with your home decoration and integrate into installation environment. As it is a separation triggered door sensor, when the magnet part and main body are separate, it will send alarm signal to Control Panel, then Control Panel's buzzer rings and will call or send message to Alarm Central Station or user phones.

## II. Features

- Adopt imported high sensitivity magnetic sensor, with stable and reliable performance.
- Special magnet position design, assure its high induction property toward metal door/window.
- With heartbeat codes mechanism, can monitor sensor failure.
- Battery level monitoring, low battery&tamper reports.
- Ultra-low power consumption and extra-long standby time, battery life is 2- 3 years.

## III. Installation

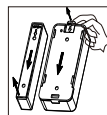
### 1.Instruction

2pcs AAA 1.5v alkaline battery or 1pc CR2450 button battery, please equipped with batteries before using.

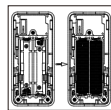
### 2.As shown in picture



Accessories



Take down bottom covers



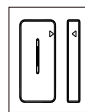
Insert batteries



3M glue



Insert screws



Finish installation

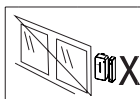
Can be installed by screws or 3M glue. Please pay attention to the distance between main body and magnet part  $\leq 10\text{mm}$

### 3.LED Indicator

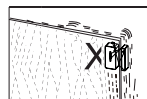
Led indicator flashes when alarm is triggered

## IV. Notice

1. Please replace the battery in time when receive the low battery report.
2. When installation, Please note the following situations to ensure it can work normally.



Easily damaged place



Unstable or rainy place



Roadside or nearby magnetic objects

Communication Protocol	BLE
Static current(MAX)	9uA
Transmit current(MAX)	30mA
Transmit power	4dBm
Receive sensitivity	-96dBm
Communication protocol	BLE
Frequency band	2.4GHz
Max communication distance	100m
Working voltage	DC3V 2pcs AAA alkaline battery or 1pc CR2450 button battery
Induction distance	$\geq 10\text{MM}$
Alarm indicator	LED status indicator
Output signal type	Alarm report, tamper report, low battery report, heartbeat report
Working humidity & temperature	-10°C ~ 50°C; $\leq 95\%RH$ no condensation
Dimension	80*50*20mm (L*W*H)

**FCC STATEMENT :**

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.

**Warning:** 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.

**FCC Radiation Exposure Statement:**

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.