

Mini 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 and low battery status. 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 alarm panel and alarm panel will perform appropriate action.

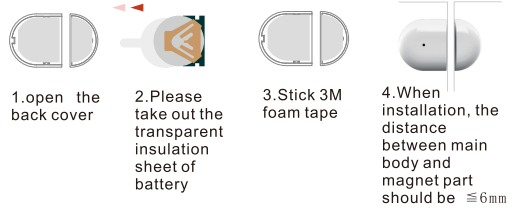
II. Features

- 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's failure.
- Battery level monitoring, low battery report.
- Ultra-low power consumption and extra-long standby time, up to 3 years battery working life.

III. Installation

1.Instruction

Shown as below picture (stick with 3M foam tape)

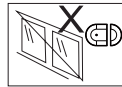


2.LED Indicator

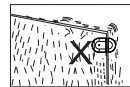
Led indicator flashes when alarm is triggered

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		RF 315	RF 433	RF 868	BLE	Z-Wave	ZIGBEE
Different parameters	Static current(MAX)	9uA	9uA	9uA	9uA		
	Transmit current(MAX)	15mA	15mA	30mA	30mA		
	Transmit power	10dBm	10dBm	10dBm	4dBm		
	Receive sensitivity	NA	NA	NA	-96d Bm		
	Communication protocol	ASK	ASK	2FSK	BLE4.1		
	Frequency band	315MHz	433MHz	868MHz	2.4GHz		
	Max communication distance	$\leq 50\text{m}$	$\leq 50\text{m}$	$\leq 100\text{m}$	$\leq 100\text{m}$		
Same parameters	Working voltage	DC3V (1pc CR2032 button battery)					
	Induction distance	$\geq 6\text{MM}$					
	Alarm indicator	LED status indicator					
	Output signal type	Alarm report, low battery report, heartbeat report					
	Working humidity & temperature	$-10^{\circ}\text{C} \sim 50^{\circ}\text{C}; \leq 95\%\text{RH}$ no condensation					
	Dimension	53*32*13mm (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.

English: "

This device complies with Industry Canada licence-exempt RSS standard(

s). Operation is subject to the following two conditions:

- (1) this device may not cause interference, and
- (2) this device must accept any interference, including interference that may cause undesired operation of the device."

- French:"

Le pr é sent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autoris é e aux deux conditions suivantes :

- (1) l'appareil nedomit pas produire de brouillage, et
- (2) l'utilisateur de l'appareil doit accepter tout brouillage radio é lectrique subi, m é me si le brouillage est susceptible d'en compromettre le fonctionnement."

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 IC 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:

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