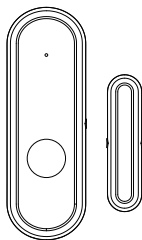


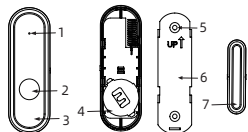
## Wireless Door/Window Contact Sensor User Manual



### 1. Product Introduction

This smart door/window contact sensor is equipped with high-sensitivity Hall switch and reliable 433.92 MHz wireless RF communication technology. It is designed to monitor the open and closed status of doors and windows, and is an essential part of smart home security, property monitoring and automatic control systems. When the status of a monitored door or window changes, the sensor will instantly transmit signals to the receiving host wirelessly for immediate alarm and immediate linkage.

### 2. Product Appearance



- Indicator Light
- Test Button
- Sensor
- Battery Compartment
- Screw Hole
- Mounting Bracket
- Magnetic Strip

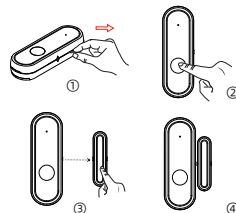
### 3. Technical Parameters

Power Supply: DC 3V (CR2032 Lithium Battery)  
Detection Distance: ≤ 50 mm (gap between sensor and magnetic strip)  
Wireless Frequency: 433.92 MHz  
Transmission Range: ≥ 100m (in open areas)  
Operating Temperature: -10°C ~ 55°C  
Operating Humidity: Less than 95% (non-condensing)

### 4. Operation Instructions

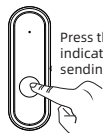
(1) Test the sensor as follows before initial use: Pull out the insulating tab vertically.

- Press the test button. A single flash of the indicator means the sensor functions normally. If the indicator does not light up, open the rear cover and replace the battery.
- Separate the magnetic strip from the sensor to simulate opening the door or window. One flash of the indicator indicates the open signal is triggered.
- Reunite the magnetic strip with the sensor. One flash of the indicator confirms the door or window is closed.



### 5. Pairing with Alarm Host

- Follow the alarm host manual to activate the sensor learning mode on the host.
- Place the sensor near the host and press the test button to send a pairing signal.
- Pairing is completed successfully.



Press the test button. The indicator flashes once when sending the pairing signal

#### Notes:

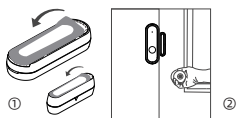
- The host will exit pairing mode automatically if pairing fails within 20 seconds.
- Repeat the above steps if pairing is unsuccessful.

### 6. Installation Guide

(1) Position Selection: Install the main sensor on the fixed frame of doors or windows, and the magnetic strip on the movable edge. Keep the two parts aligned with a gap within 20 mm. Do not install on metal surfaces or near strong magnetic fields to prevent signal interference.

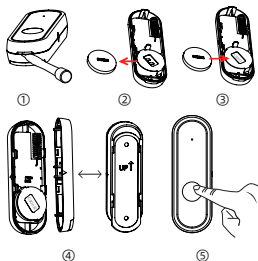
(2) Installation Steps:

- Peel off one side of the release liner from the two 3M adhesive tapes, and attach the tapes to the sensor and magnetic strip respectively.
- Remove the other side of the release liner, then attach the sensor and magnetic strip to the preset positions.



### 7. Battery Replacement

- Remove the rear cover to open the battery compartment.
- Take out the old battery.
- Install a new CR2032 battery of the same specification.
- Secure the rear cover back in place.
- Test the sensor to verify normal operation.



### 8. Troubleshooting

- Failed to trigger alarm: Check alignment of the magnetic strip; replace the battery; re-pair the device.
- Frequent false alarms: Adjust the installation position; check for loose magnetic strip.
- Signal delay: Reduce the transmission distance; replace the battery.

### 9. Safety & Maintenance

- Safety Warnings
  - Do not immerse the device in water or expose it to corrosive environments. Do not use the device in flammable and explosive areas.
- Maintenance
  - Check magnetic attraction and battery contacts every six months.
  - Remove the battery if the device will not be used for a long time.

#### § 15.19 Labelling requirements.

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.

#### § 15.21 Information to user.

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

#### § 15.105 Information to the user.

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.

#### \* RF warning for Portable device:

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