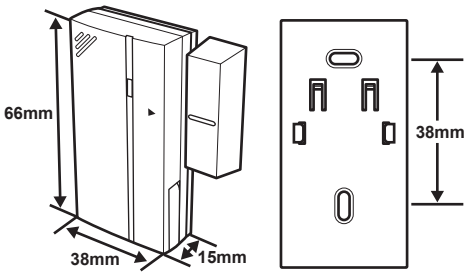




Overview

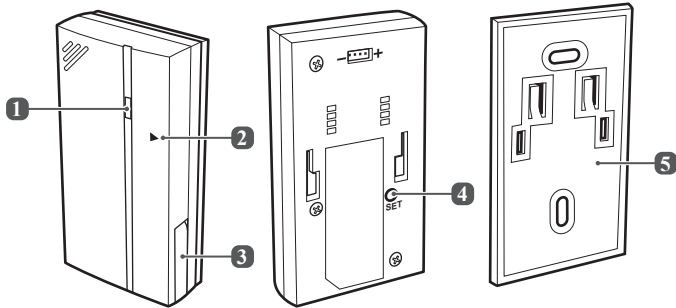
Name: Wireless Contact Sensor
Battery Type: CR2032 x 1
Dimension: 34 x 65 x 13 mm (w/o bracket)
34 x 65 x 15 mm (w/ bracket)
Magnet: 12 x 39 x 10 mm



CAUTION
RISK OF EXPLOSION IF BATTERY IS REPLACED BY AN INCORRECT TYPE. DISPOSE OF USED BATTERIES ACCORDING TO THE INSTRUCTIONS.

Names of Parts

1. Status LED
2. Reed Switch Indicator
3. Battery Holder
4. SET Button
5. Bracket



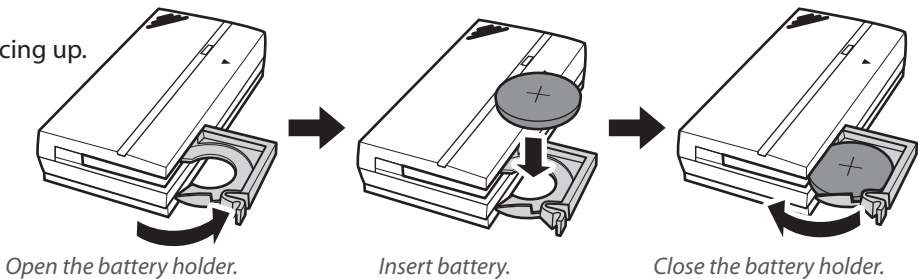
Features

- ❖ Burglar-Proof – once the device is triggered, the device will automatically send the signal wirelessly to the Gateway for monitoring the door/window status.
- ❖ Power Saving – one coin cell battery can be used for more than 1 year. It is also equipped with the low battery alert function.
- ❖ Easy Setup – simply press the **SET** button on the device to join the system.
- ❖ RSSI Functionality – the signal strength is indicated by its LED indicator and behavior.
- ❖ Tamper-Proof Functionality – the function will be enabled when the device joins to the system. If the device is moved, it will automatically send a signal to the Gateway.

Installation

Device Installation and Binding

1. Install the battery into the battery holder.
Attention: Make sure the positive (+) pole is facing up.
2. Short press the **SET** button at the back of the Gateway or Router (Power Switching). Then short press the **SET** button on the device.
The Gateway/Router and the device are joining as both LED indicators blink (around 15 seconds). Wait for few seconds until both LED indicators are turned off, indicating the device binding process is successful.



Note: If the device binding process is failed, both LED indicators on those joined devices will light red once after blinking.

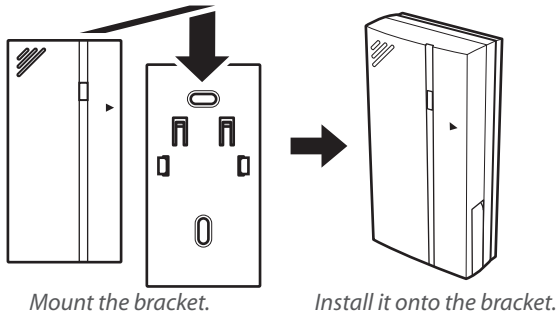
3. Mount the bracket and magnet on the door/window.

Device Deletion

To remove the device binding, press the **SET** button for 5 seconds. The LED indicator blinks green and then turns off. After few seconds, the LED indicator blinks red and then turns off again, indicating the deletion process is complete.

Checking Device Received Signal Strength Indication (RSSI)

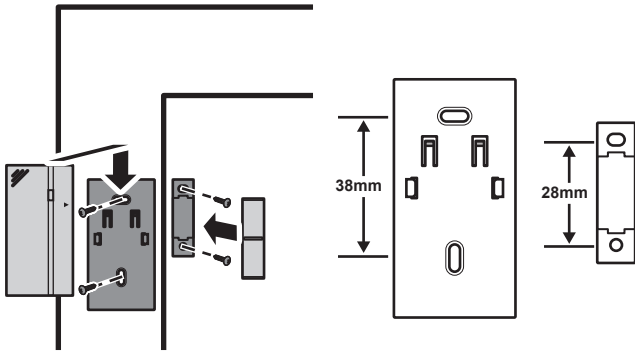
Short press the **SET** button on the device twice.
The signal strength is indicated by its LED indicator.



Status	LED Color and Behavior
Good	Blinks green (very quickly) for 15 seconds.
Normal	Blinks green (quickly) for 15 seconds.
Poor	Blinks green (slowly) for 15 seconds. (not recommended)
No Signal	Blinks red for 3 seconds and then turns off. (not recommended)

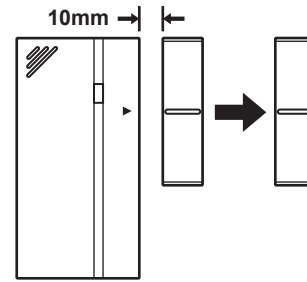
Notice

- ❖ Mount the bracket on the frame side of the door or window, and then put the reed on the bracket.



- ❖ Place the magnet on the door or window side. Align the arrow point of the reed by less than 10mm distance. Then stick on it.

Note: Due to tamper-proof design, please make sure the installation is stable to avoid any false alarm.



Troubleshooting

Problem	Solution
The LED indicator lights red when linking to the system.	- Make sure the battery has been properly installed and its power is adequate. - Reset to factory default, and re-join to the system. - If the problem persists, please contact your local distributor.
Cannot link to the system.	Check the wireless signal via RSSI and the distance between device and Gateway/Router (line of sight) is 50 meters (max.). If there is any obstructions (i.e. walls or metal objects) between the devices, the distance will be shorter. Users can move the device closer or add a Router, then try again.

Specifications

Wireless Contact Sensor	
Electrical Specifications	
Transmit Frequency	2.4GHz ISM band, IEEE802.15.4: 2405 ~ 2480MHz
Operation Range	Up to 50 meters (LOS)
Operation Voltage	3.0 VDC
Battery Type	CR2032 x 1
Battery Life	Up to 1 year
LED Indicator	Red/Green
Environmental Requirement	
Operating Temperature	0°C to 50°C
Storage Temperature	-10°C to 55°C
Humidity	90% RH Max., Non-Condensing
Mechanical Specifications	
Dimension (W x H x D)	34 x 65 x 13 mm (without bracket) 34 x 65 x 15 mm (with bracket) Magnet: 12 x 39 x 10 mm
Weight (without battery)	24g / Magnet: 6g
Weight (with battery)	27g

