

## Wireless Door/Window Contact

# DWC-100

## Operation Manual



### Features

The DWC-100 is a Door/Window Contact that can be installed on doors, windows, and any other objects that open and close. The sensor transmits signals to the control panel when a magnet mounted near the sensor is moved away. External input for wired accessory is available at the N/C interface. The tamper protection ensures that sabotage attempts to move the contact will result in an alarm activation.

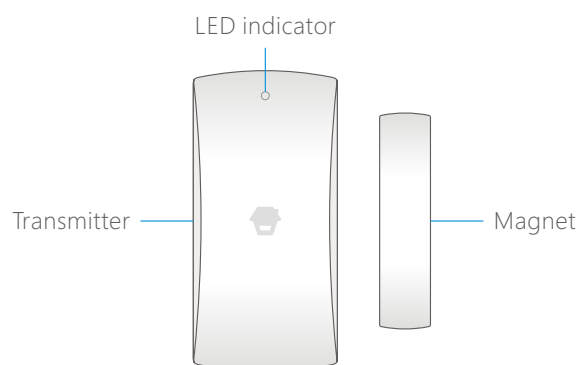
### FCC Statement

1. 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.
2. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

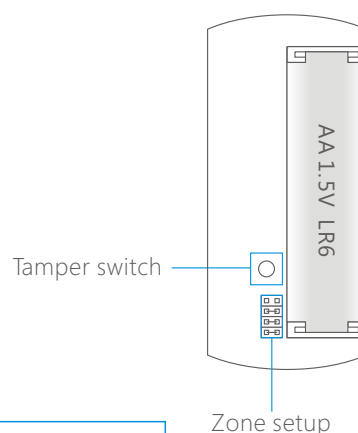
### Specifications

Power supply	DC 1.5V (AA 1.5V LR6 Battery x 1pc)		
Static current	≤ 30uA	Alarm current	≤ 40mA
Transmitting distance	≤80m (in open area)		
Radio frequency	315.8599MHz		
Housing material	ABS plastic		
Operating temperature	-10°C~55°C		
Relative humidity	≤80% (non-condensing)		
Transmitter dimensions (LxWxH)	71 x 34 x 17.5mm		
Magnet dimensions (LxWxH)	51 x 12 x 13.5mm		

### Appearance



### PCB Layout



### LED Indication

**LED flashes once:** Door/window is opened and transmitter sends signal to the control panel.

### Installation & Notice

- Open the case and remove the battery activation strip.
- Mount the sensor on the door frame and the magnet on the door.
- Make sure the magnet is on the right side of the transmitter
- Place the transmitter in the desired location, mount the magnet no more than 1cm away from the transmitter and secure the transmitter and magnet with double-sided tapes or screws.
- Avoid mounting sensors in areas with a large quantity of metal or electrical wiring, such as a furnace or utility room.

