



CHUANGO DWC-102 Wireless Door Window Contact User Manual

[Home](#) » [CHUANGO](#) » [CHUANGO DWC-102 Wireless Door Window Contact User Manual](#) 



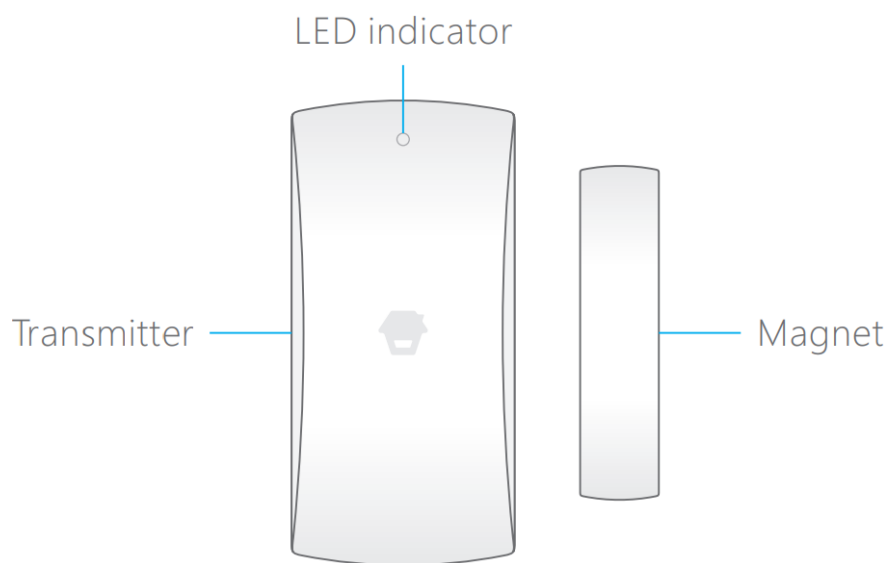
Contents

- [1 Introduction](#)
- [2 LED Indication](#)
- [3 Installation & Notice](#)
- [4 Documents / Resources](#)
- [5 Related Posts](#)

Introduction

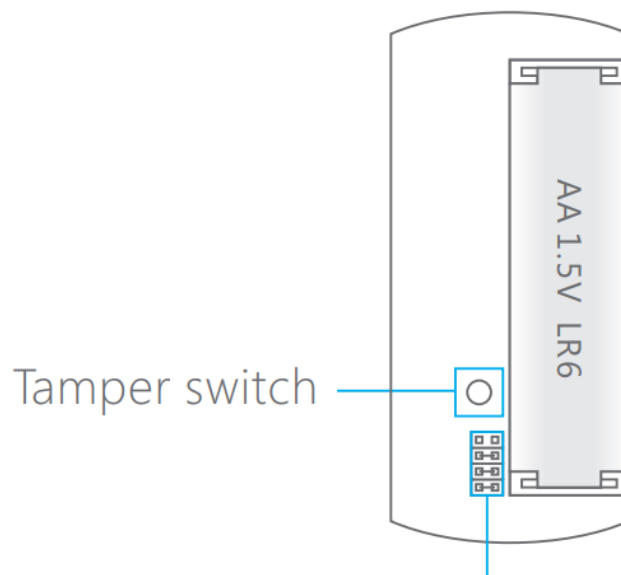
The DWC-102 is a Door/Window Contact that can be installed on doors, windows, and any other objects that open and close. The sensor transmits signals to the control panel when a magnet mounted near the sensor is moved away. It will also transmit an alert signal to the control panel in case of a low battery. External input for wired accessories is available at the N/C interface. The tamper protection ensures that sabotage attempts to move the contact will result in alarm activation.

Product Overview



Power supply		DC 3V (AAA 1.5V LR03 Battery x 2 pc)	
Static current	23uA	Alarm current	40mA
Transmitting distance		801–n (in open area)	
Radio frequency		433.92MHz	
Housing material		ABS plastic	
Operating temperature			0°C- +50°C
Relative humidity			80% (non-condensing)
Transmitter dimensions (LxWxH)			107 x 54 x 14.5mm
Magnet dimensions (LxWxH)			49 x 19.4 x 9.6mm

PCB Layout



Zone setup

NOTE: Tamper will be triggered no matter whether the door/window contact is armed or disarmed.

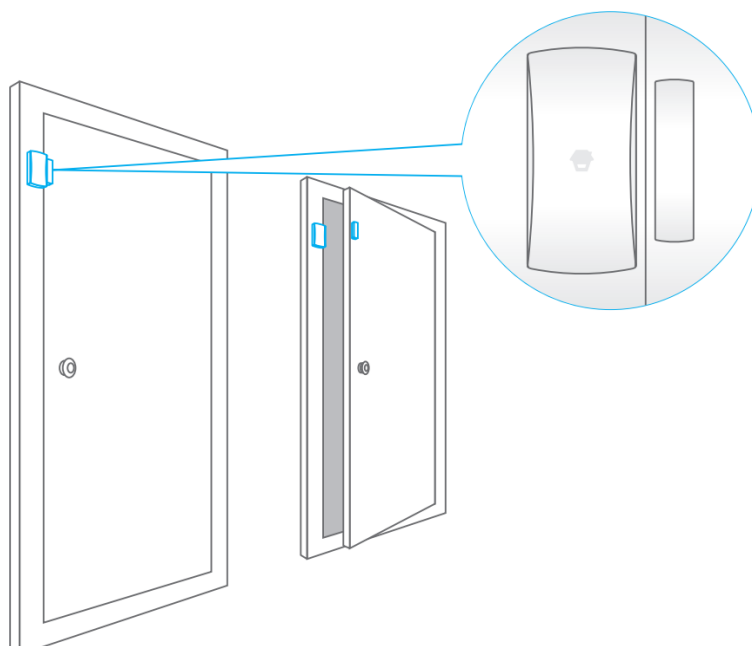
LED Indication

LED flashes once: The door/window is opened and the transmitter sends a signal to the control panel.

Flash once per 3 seconds: Low power indication, please change the battery as soon as possible. (User will get alert SMS about the low battery if the door contact is connected to the GSM alarm system.)

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 wirings, such as a furnace or utility room.



FCC STATEMENT

1. This device complies with Part 15 of the FCC Rules.

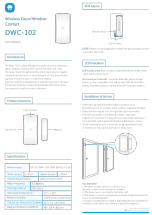
Operation is subject to the following two conditions:

- (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..

Ver: DWC-102-EN-1405-V5.0
© 2014 Chuango. All rights reserved.



Documents / Resources

	<p>CHUANGO DWC-102 Wireless Door Window Contact [pdf] User Manual DWC-102, Wireless Door Window Contact, Door Window Contact, Window Contact, DWC-102, Contact</p>
---	---