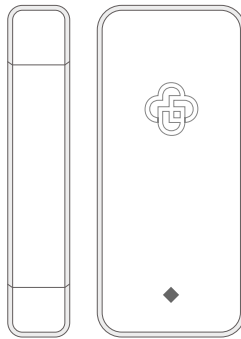

Specification of DMC010 Wireless Contact Sensor



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Features

The DMC010 wireless contact sensor is an accessory of MatiGard® series smart alarm system.

It's fashion design, energy saving, and low battery warning supported. The main panel will send a SMS to user for battery replacement when needed.

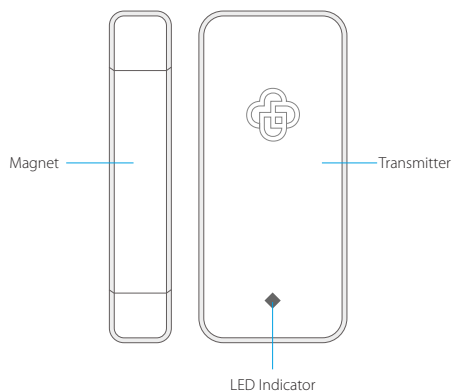
It's easy to setup and works well with most doors and windows. When transmitter and magnet are apart, the sensor triggers alarm. Two great features:

- Transmitter can be put on either of magnet's left or right side.
- When "Ready to Arm" feature turned on, DMC010 will ask the system to inform user for checking the door or window if closed well or not when it received Arm command with its transmitter and magnet are apart.

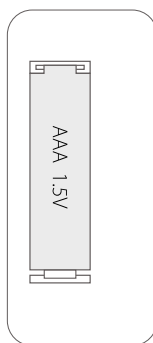
Parameters

• Working Voltage	DC 1.5V
• Battery	1 × AAA battery(1.5V)
• Working Current	55~65mA
• Standby Current	9.5μA~11μA
• Transmission Distance	Without obstacle 100m
• Transmission Frequency	433.29MHz
• Working Temperature	-10°C~40°C
• Humidity	≤90%rh (non-condensing)
• Weight	35.5g(battery not included) 46.7g(battery included)
• Dimension	Transmitter: 80.0mm*38.2mm*13.3mm Magnet: 80.0mm*14.8*12.9mm (L*W*H)

Appearance



PCB Layout



LED Indication

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

LED lights stays on: Low battery, please replace the battery immediately.

Operating Instructions

1. Working principle

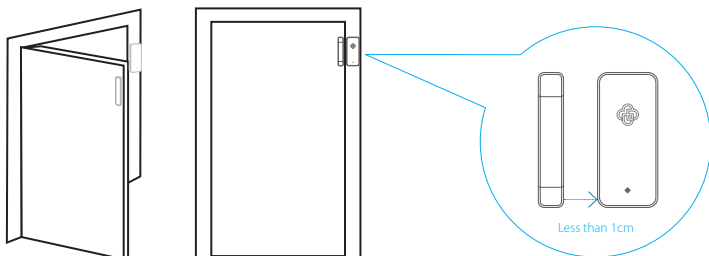
The transmitter sends trigger signal to main panel paired when the magnet mounted near is moved apart.

2. Pairing with main panel

- ① Scan the QR code printed on the sensor and follow the guideline in App to continue.
- ② It is successfully paired when an informing SMS received indicating.

Installation & Notice

- Open the case and remove the battery insulative strip.
- Pairing to main panel by App before installing.
- Attach the transmitter and magnet separately on door/window and its frame with double-side sticky tape or fix with screws. Transmitter can be put on either of magnet's left or right side.
- Make sure the distance between transmitter and magnet is less than 1cm and at the same level.
- Avoid installing the sensors in area with a large amount of metal or electric wire.



Trigger Mode Clarification

Trigger Mode	Clarification
<i>Close</i>	Deactivated when triggered
<i>Instant</i>	Activated when ARM/HOME ARM
<i>24 Hours</i>	Activated even when DISARM
<i>Home</i>	Deactivated when DISARM/HOME ARM
<i>Door Chime</i>	No alarm but clanking
<i>Delay</i>	Wait few seconds before alarm

Battery replacement instructions



① Insert the flat blade of a small screwdriver into the pry-off slot of transmitter, twist the blade to remove the cover.

② Replace with 1xAAA battery.