DP-2

Wireless Contact Sensor
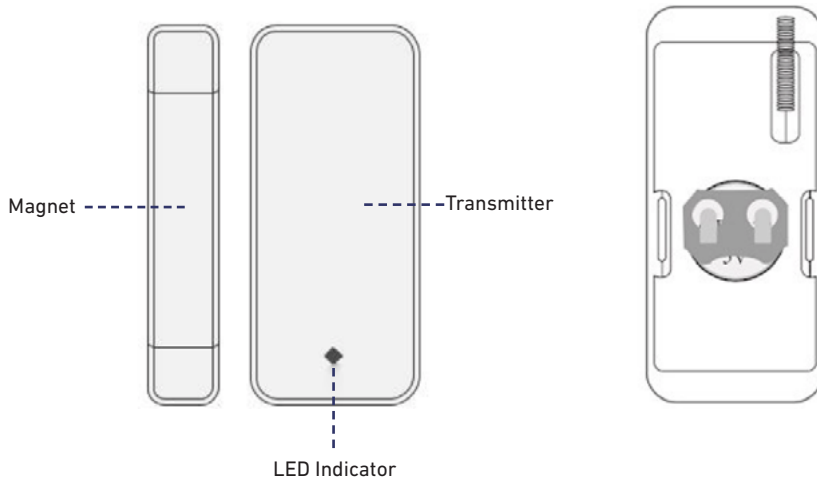
User manual

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Features

The wireless contact sensor is an accessory of smart alarm system. It's fashion design, energy saving, and low battery warning supported. The system would inform users to replace the battery by App 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. Transmitter can be put on either of magnet's left or right side.

Parameters

Working Voltage	CC 3 V
Battery	1 × CR2032 button battery (3V)
Working Current	20 mA
Standby Current	2 μA
Transmission distance	Without obstacle 200m
Transmission frequency	433,92 MHz
Working Temperature	-10°C~40°C
Humidity	< 90% (non-condensing)
Dimension	35.5g(battery not included) 40g(battery included)
Weight	Transmitter: 80.0mm*38.2mm*13.3mm Magnet: 80.0mm*14.8*12.9mm (L*W*H) Magnet: 80.0mm*14.8*12.9mm (L*W*H)

Appearance / PCB Layout

Magnet - - - - - - - - -   - - - - -Transmitter

LED Indicator

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 ismoved apart.

2. Pairing with main panel Scanning the QR Code for Pairing.

• Scan the QR code printed on this accessory by App.

• The pairing result would be confirmed in App.

Learn Mode

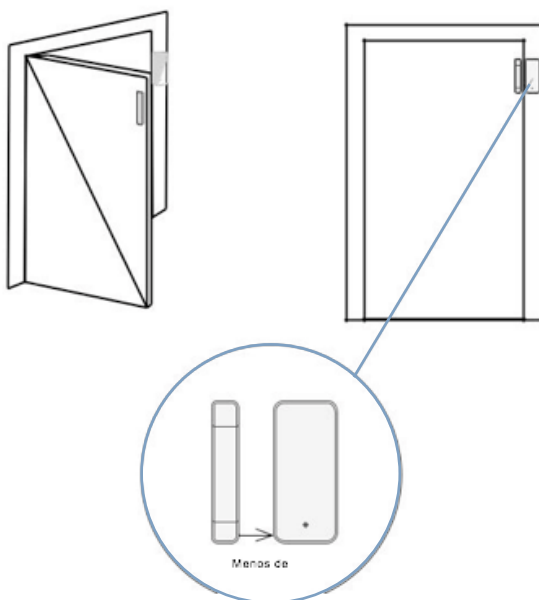• Launch the App/PC client for turn on Learn Mode.

- Follow the guideline in App/PC client to trigger the accessory for the system to learn.
- The pairing result would be confirmed in App/PC client. Hint:

How to trigger
- Remove the battery insulating sheet.
- Move the magnet around transmitter until the red LED indicator lights up.

Installation & Notice

- Open the case and remove the battery insulative strip.
- Pairing to main panel by App before installing.
- Attach the transmitter and magnet seperately 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.

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Entry Delay & Home Arm Settings

This sensor supports Entry Delay and Home Arm features. Which can be adjusted in App/PC client.

Entry Delay feature : when the sensor is triggered while the system is in Arm/Home Arm status, the

system will wait for preset time until the alarm goes off.

Home Arm feature : when the sensor with this feature enabled is triggered while the system is in Home

Arm status, the alarm will go off.

- For networking alarm system, this sensor could be checked in Entry Delay and Home Arm list of the

App to turn on/off each feature.

- For other alarm system, this sensor could enable/disable with Entry Delay or Home Arm feature in

Accessory Management function of App/PC client.

Battery replacement instructions

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

2 Remove the used battery and replace with 1× CR2032 battery with the plus (+) symbol facing up.