

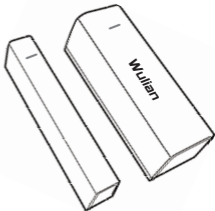
Wulian[®]

ISO9001:2008 Certified

Smart Contact Sensor

WL-ZSPDBPW-MT-03

User Manual



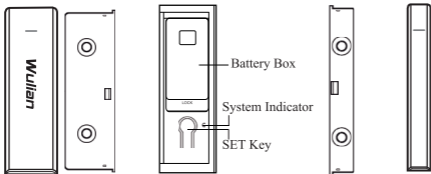
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Welcome to Use Wulian Smart Contact Sensor

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- Please read this manual carefully to ensure proper and safe use.
- Wulian Smart Contact Sensor (Hereinafter referred to as "this product") is a smart home security product issued by Nanjing IOT Sensor Technology Co., Ltd. (Hereinafter referred to as "Wulian"). This product shall be used with supplied accessories. Wulian is not responsible for any loss due to improper installation or usage of this product.
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Product Illustration



Main Body Main Body Base

Magnetic Part Base Magnetic Part Body

Features

- Remote monitor the situation of windows and doors in real time.
- When in protecting state, alarm messages will be sent out once door/window is opened through detecting.
- Can work through group linkage with other related security devices for multi-defense.
- Alarm in a wireless way, quick response, strong anti-interference, low false alarm rate.
- Low power consumption, energy saving and environmental protection, create a comfortable living environment for users.
- Delicate structure and high invisibility; Wireless setting and easily merge into the home environment.

Installation Guide

1. Separate the [Main Body Base] and [Main Body], [Magnetic Part Base] and [Magnetic Part] as shown in the picture below.



Main Body



Main Body Base

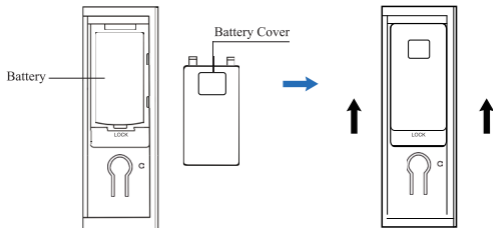


Magnetic Part Base

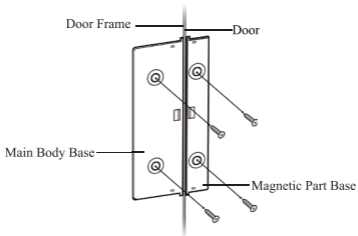


Magnetic Part Body

2. Open the Battery Cover and put in a CR2 battery.

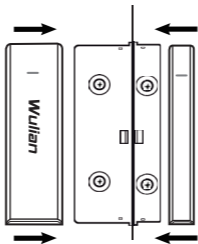


3. Fix the [Main Body Base] at appropriate place on the door or window frame with two screws. Similarly, fix the [Magnetic Part Base] at appropriate place on the door or window with two screws.

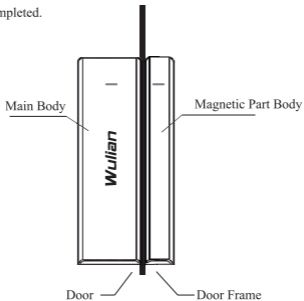


4. Fix the [Main Body] and [Magnetic Part Body] with the their bases respectively.

Note: Please set the network before fixing this product.



5. Installation is completed.



Network Setting

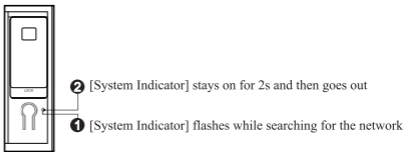
1. Before setting, please make sure the gateway (needs to be purchased) works normally and the ZigBee network indicator flashes, also the product is in a power-on state and within valid communication scope of the wireless gateway.
2. Before operating, please make sure the product is not connected to any other gateway; or exit the connecting ZigBee network before networking again (new product can be connected to the network directly).

Note: This product applies to HA1.2 gateway only.

3. Networking

3-1. First time to join the network

- Allow the gateway for networking (refer to the gateway manual for details);
- When use the product for the first time, power it on and it will apply to join the ZigBee network automatically;
- Then the [System Indicator] flashes while searching for the network;
- When successfully joins the ZigBee network, the [System Indicator] stays on for 2 seconds and then goes out.



3-2. Join the network manually

- Quick click [Multi-Functional Key] once, then the [System Indicator] flashes while searching for the network;
- When successfully joins the ZigBee network, the [System Indicator] stays on for 2 seconds and then goes out.



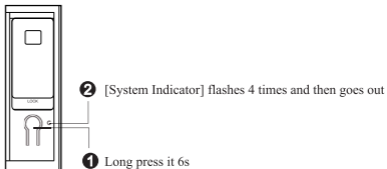
② [System Indicator] stays on for 2s and then goes out

① Quick click [Multi-Functional Key] once

Note: Quick click the [Multi-Functional Key] once and [System Indicator] flashes once to indicate successful networking.

4. Exiting Setting

- Long press the [Multi-Functional Key] 6s and loose it;
- Then the [System Indicator] flashes 4 times regularly and goes out to exit the current ZigBee network.



Note: If the device cannot join the ZigBee network after the operations above, please follow the following steps (please make sure the gateway is allowed for networking): ①exit the network (refer to Exit Setting for details); ②wait for 2s and quick click [Multi-Functional Key] once to join the network.

User Guide

Users could get monitoring feedback on App Terminal after finishing settings. Once the door or window is opened illegally, users could take corresponding measures upon receiving alarm notification on mobile terminals.

Cautions

- To ensure network coverage and product performance, do not install this product in all-metal covering or enclosed devices.
- This product shall be inspected regularly for malfunction to ensure timely alarm.
- Do not drop this product high in the air or smash it in case of destroying the internal components.
- When the product surface is stained with dust, please clean it by dry cloth; it is forbidden to clean it by corrosive cleaning fluid or chemical solvent.
- This product should be installed in dry and clean place to prevent inner component from dampness or other debris.
- If this switch breaks down, non-professional staff shall not handle it. Send it to local service center for repair, or contact our customer service staff.
- If the product breaks down, please send it to local service center for repair or contact our customer service staff. Non-professionals cannot handle it personally.

Electrical Parameter

Communication Mode	IEEE 802.15.4 (ZigBee/HA1.2)
Antenna Type	Internal Antenna
Power Parameter	DC 3V
Standby Current	$\leq 4\mu\text{A}$
Battery Type	CR2*1
Opening and Closing Current	$\leq 2\mu\text{A}$ at Opening、 $\leq 4\mu\text{A}$ at Closing
Alarm Distance	20 (mm)

Structure Parameter

Panel Size (Length ×Width × Height, mm)	Main Body 63x23x21mm Magnetic Part Body 63x10x15mm
Material & Color	PC, White
Flame Resistance Rating	UL94 V-2
Working Temperature	-10 °C ~+45 °C
Working Humidity	≤95%RH (Noncondensing)
Installation Method	Door and Window Type
Net Weight (g)	37g
Storage Temperature	-20 °C ~+60 °C

Purchasing Information

Name	Smart Contact Sensor
Model	WL-ZSPDBPW-MT-03

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