



**1. Product introduction**

Mr.J Doorsensor is a monitoring system that tracks the switch state of doors and windows, and sends alarm signals to the cloud center via wireless communication. It features a low-frequency CPU, a single lithium-manganese button battery, and a built-in siren. The app supports 433MHz frequency, 10dBm transmission power, and 100m transmission range. It also includes a panic button and emergency call functionality.

**2. Installation**

(1) Firstly, pry the doorsensor back cover when installing. Follow the rule: Alignment is negative electrode in CR2477 lithium manganese button batteries, close the cover, tear off pressure sensitive protective paper at the back of the doorsensor. (3) When low battery, doorsensor will automatically send the low battery alarm signal. Prompt the user to replace the battery.

**3. Features**

Wireless parameters: 1. DTXR: Support 433MHz displacement. Alarm indicator light, same as cloud center received and transmitting wireless alarm signal to the app. 2. Transmitter power: ≤10dBm. 3. RF Sensitivity: >100m. 4. RF transmission range: 10m indoor, 50m outdoor.

Environmental parameters: 1. Working temperature: -10°C ~ +50°C. 2. Working humidity: ≤95% Relative humidity. 3. Power consumption: 12 months standby. 4. Working voltage: 1.5V. 5. Self-inspection: automatic report.

Low battery warning: When the battery voltage is low, the doorsensor will automatically send a low battery alarm signal. Prompt the user to replace the battery.

Emergency call: When the doorsensor is triggered, it will automatically send a wireless alarm signal to the family cloud center. The app will also prompt the user to replace the battery.

**4. Technical parameters**

Model name: Doorsensor. AC parameters: 1. Power supply: 1 CR2477 battery. Working hours: >12 months. 2. Quiescent current: ≤0.1A. 3. Working current: ≤30mA.

**5. Instruction**

- Add the device into app (code)
- Enter the working state after loading the cell, when detecting more than 30mm displacement. Alarm indicator light, same as cloud center received and transmitting wireless alarm signal to the app.
- When low battery, doorsensor will automatically send the low battery alarm signal. Prompt the user to replace the battery.
- Watch out the distance within 5mm, Specific operations pls see the below chart.
- Distance does not exceed 5 mm
- When run up against an accident or under immediate danger situation, press the button "SOS" on the siren, will fastly send the wireless alarm signal to "family cloud center", Cloud center could automatically send message to the APP.
- Long press the button "CLR" to reset the cloud operate a device added.
- Scan QR code, download and install the app "Mr.J 智慧生活".

**6. As the pic.**

Smart Doorsensor

Mr.J

Official Website: [www.mjsh.com](http://www.mjsh.com)

Official Weibo: [weibo.com/mrjsh](http://weibo.com/mrjsh)

Official WeChat: [mp.weixin.qq.com](http://mp.weixin.qq.com)

**FCC RF Exposure Information and Statement**

This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance of 20 cm between the radiator and your body.

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.

**NOTE:** The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.

**NOTE:** This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help
- This device and its antenna(s) must not be co-located or operating in conjunction with any other antenna or transmitter.