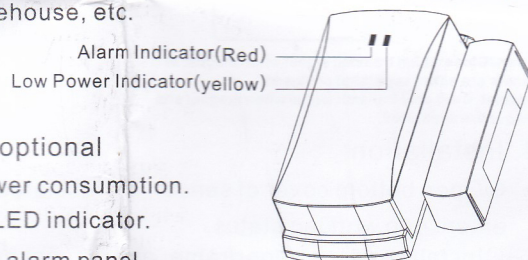


Wireless door sensor

1. Instruction

With micro power consumption, high stability, long distance, battery can last long time. And have low power alert. The door sensor can be installed on door, window, and others which can open and close. When intruder enters into detecting area, it sends alarm signal to alarm console. The wireless transmitting distance can reach 400 meters in open area. It suits for bank, villa, home residence, factory building, market, storehouse, etc.



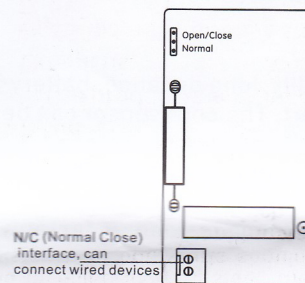
2. Features

- ⊙ open/close door optional
- ⊙ Design by micro power consumption.
- ⊙ Low power alert by LED indicator.
- ⊙ Low Power report to alarm panel.
- ⊙ Support N/C (Normal Close) interface, can connect wired devices.(Optional)
- ⊙ Battery capacity inspection. When voltage of battery < 2.4V, the door magnet stop working. And the yellow light will be on.
- ⊙ Adopts SMT design to increase the stability.
- ⊙ support door open/closed notification.

3. Technical Specification

- ⊙ Power: DC 3V (2 pcs 1.5V/AAA Battery)
- ⊙ Standby Current: $\leq 3\mu A$
- ⊙ Alarming Current: $\leq 8mA$
- ⊙ Wireless Distance (with antenna): $\geq 400m$
Wireless distance (inner Antenna): $\geq 200m$
- ⊙ Wireless transmitting frequency: 433MHz.
- ⊙ Operation Temperature: $-20^{\circ}C \sim 60^{\circ}C$
- ⊙ Operation Humidity: $\leq 80\%$
- ⊙ Sensor Dimension(L*W*H): 79*37*20.5mm
- ⊙ Magnet Dimension(L*W*H): 56*14*15.5mm

Electric Circuit Sketch:

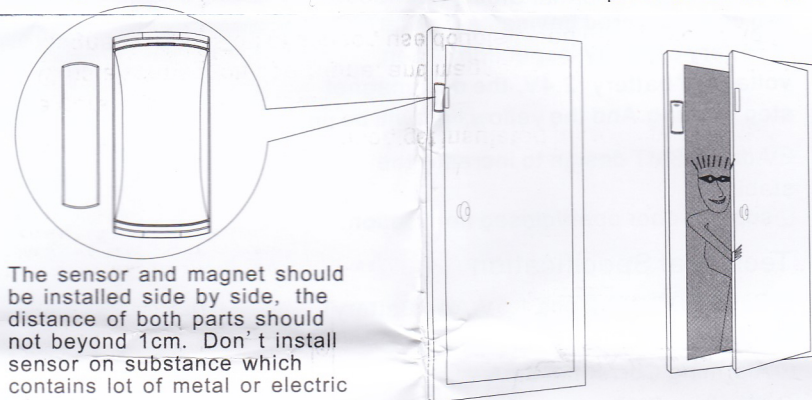


Open /Close : it will transmit signal when magnet and sensor are either separated or closed.

Normal : it will only transmit signal when magnet and sensor are separated.

4. Installation

- ⊙ Open bottom cover of sensor, get insulated tape away, then it enters into working status.
- ⊙ Install sensor on doorframe, and magnet on door or window. Keep magnet at right side of sensor, use double sided tape or screw to fix.



The sensor and magnet should be installed side by side, the distance of both parts should not beyond 1cm. Don't install sensor on substance which contains lot of metal or electric wire.

5. Note:

- ⊙ The product can reduce accident, but can't prevent anything. Except using this product correctly, please don't relax your vigilance, and improve safety consciousness.
- ⊙ When received Low Power Alert from sensor or panel, please change battery without delay to insure the alarm system working