



Wireless Water Leakage Sensor Instruction Manual WR-5004-WLS

RFzone Automations Pvt. Ltd.
Living Simplified

Descriptions

Dear users, we sincerely thank you for choosing our products. For your convenience of installing and using this product, please read this manual carefully before use.

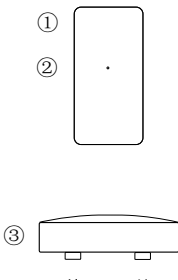
Wretro's Wireless Water Leakage Sensor is composed of transmitter and probe, it can be installed on walls which closed to the ground or the surface of others objects. When the probe comes in contact with water or other conductive liquid, the transmitter will immediately hoot and sends alarm signal to Wretro's Smart Gateway and to the Mobile Phone. The battery standby time and reliability are observably improved owing to its ultralow power consumption technology and two-way wireless communication technology.

Main Features

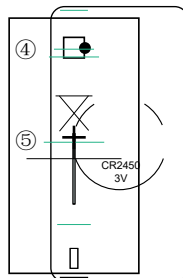
- ▶ Fully-digital, highly reliable, large coverage, low power consumption
- ▶ Ultralow power consumption, 10 years battery life
- ▶ Corrosion resistant stainless steel probe
- ▶ Probe separation design, easy to set up, moisture-proof
- ▶ Anti-pet, anti-insect
- ▶ Manual testing function
- ▶ Low battery notification
- ▶ Two-Way Communication

Product Structure Diagram

Front Side



Inside of Transmitter



1. Transmitter
2. Indicator
3. Probe
4. Test/Bind Button
5. Cell Holder

Installation

Mount the transmitter and probe on the wall which is closed to the ground or the surface of others objects with double faced adhesive tape or screws. The height of the probe is about 5mm

Low battery notification: When the sensor in low battery, the low battery signal will be sent to gateway. The siren of gateway wouldn't hoot while gateway receiving the signal, only the notification will be sent to user.

Technical Parameters

| | |
|----------------------------------|---|
| Power Supply | 3VDC (1*CR2450 button cell) |
| Current | Standby current: $\leq 3\mu\text{A}$ Alarm current: $\leq 30\text{mA}$ |
| Wireless Operating Frequency | 433MHz |
| Wireless Transmit Power | $\sim 10\text{dbm}$ |
| Wireless Receiving Sensitivity | $\leq -105\text{dbm}$ |
| RF Coverage | about 30m indoor, 100m barrier free |
| Operating Temperature | $-10^{\circ}\text{C} \sim 60^{\circ}\text{C}$ |
| Relative Humidity | $\leq 80\%$ (Non-condensing) |
| Dimension of Transmitter (L*W*H) | 71mm \times 35.5mm \times 19mm |
| Dimension of Probe(L*W*H) | 71mm \times 12mm \times 36mm |
| Total Weight | 55g (battery included) |

Warranty Terms

This products is guaranteed for 2 years since the date of purchase. During the guarantee period, if Wretro product malfunction (not contain artificial damages) under normal circumstances, they can be free repaired or exchanged. The guarantee will be void if the product is disassembled without the permission of our company.

