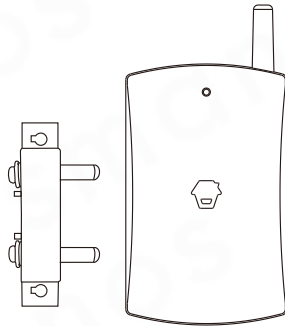


Wireless Water Detector

FD2000

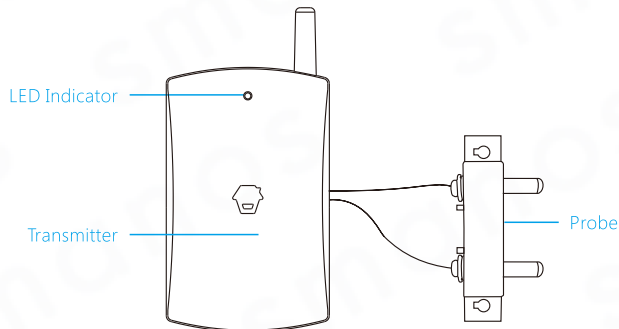
User Manual



Introduction

This is a contact wireless water detector, which works based on the theory of liquid conductivity. The performance is reliable and the installation is easy. When the liquid reaches the two probes of the detector, it will send wireless signal to the control panel. It can be widely used in computer rooms, warehouses and any places need to be protected from water. Two pieces of AAA 1.5V LR03 batteries are included in the detector, which enables 12 months standby.

Product Overview

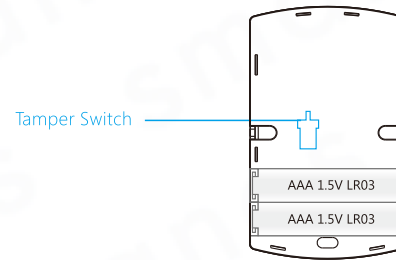


LED Indication

Flash once: Liquid is detected, sending wireless signal to the control panel.

Flash once every two seconds: Low battery, please replace the battery immediately.

PCB Layout



Connect to the Control Panel

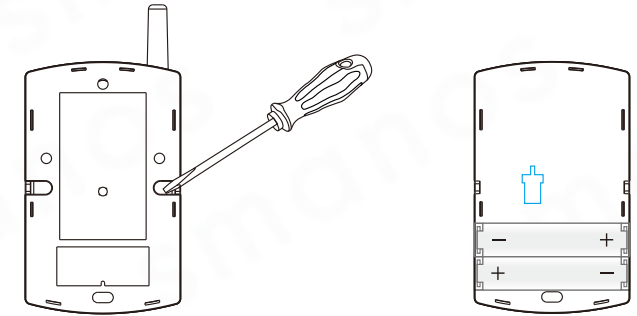
Make sure the control panel is under learning status, simulate an alarm case by touching the probe of detector with the water, when an alarm signal is received by panel, one beep is heard, means they are connected successfully.

Installation

1. Remove the insulated strip, the detector will enter working mode.
2. Use screw to fix the probe horizontally on the detection site.
3. Use double-sided adhesive tape to fix the transmitter on the place where the liquid normally is unable to reach, and keep the antenna upward.

Change Batteries

Open the back case with screwdriver, replace the batteries with new ones according to the positive and negative marks.



Specifications

Power supply

DC 3V (AAA 1.5V LR03 x 2 PCS)

Static current

< 29 uA

Alarm current

< 23 mA

Transmitting distance

< 80m (in open area)

Radio frequency

868MHz or 915MHz

Housing material

ABS plastic

Operating condition

Temperature: -10°C ~ +55°C

Relative humidity: < 80% (non-condensing)

Detector dimensions (L x W x H)

54 x 14.5 x 107mm

Probe dimensions (L x W x H)

64 x 13 x 31mm