

Water Leakage Sensor

Quick Start Guide

Safety Notice

WARNING: Failure to follow these safety notices could result in fire, electric shock, other injuries, or damage to the Water Leakage Sensor and other property. Read all the safety notices below before using the Water Leakage Sensor.

- Avoid high humidity or extreme temperatures.
- Avoid long exposure to direct sunlight or strong ultraviolet light.
- Do not drop or expose the unit to intense vibration.
- Do not disassemble or try to repair the unit yourself.
- Do not expose the unit or its accessories to flammable liquids, gases or other explosives.

Technical Specifications

Wireless Connectivity

ZigBee	• 2.4GHz IEEE 802.15.4
ZigBee Profile	• ZigBee 3.0
Range	• $\leq 70\text{m}$ (open area)

Physical Specifications

Alarm Type	• Water, tampering, recovery, low power
Battery	• Voltage: DC3V • Type: 2 AAA batteries • Standby current: $<5\mu\text{A}$ • Alarm current: $<30\text{mA}$

Operating environment	• Temperature: -10° C~+50° C • Humidity: ≤ 95%
Dimensions	• Body: 76x36.6x16.5mm • Sensor: 28.3x26.5x12.2mm
Weight	• 59g
Mounting Type	• Wall mount
Certification	• CE
Battery life	• 2 years

1 Introduction

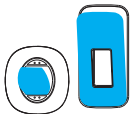


The Water Leakage Sensor uses an extra low power consumption ZigBee wireless module, and features a long battery life. The separate design of body and sensor makes it able to be mounted to keep the main body safe away from moisture.

This guide will provide you with an overview of the product and help you get through the initial setup to installation.

2 Installation

1. Make sure that the surface is clean to ensure good bonding.
2. Peel off the liner on the double-sided tape and place the bracket to the wall.



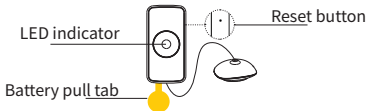
Peel off the liner

3. Mount the sensor to the bracket.
- Please refer to the mounting example below:



Mounting example

3 Get to know your device



Reset button

- **Reset.** Press and hold the reset button for 5 seconds until the LED indicator flashes for 6 times to reset to default factory setting.
- **Enable the join process.** Press and hold the reset button for 2 seconds until the LED indicator rapidly flashes to join the gateway. You can press the reset button once to exit the

join process during this period.

Battery pull tab

Power on Water Leakage Sensor. Pull out the battery pull tab to power on the sensor.

LED indicator

The LED status gives the following information:

Press reset button once	What it means
Flash yellow light once	Device has joined a ZigBee network.
No light	Device has not joined a ZigBee network.
LED	What it means
Flash red light once	Alarm.

4 Configure Network

4.1 To get started, you will need:

- A Zigbee Gateway.
- A mobile phone with a mobile APP installed.

4.2 Adding to the gateway's network

1. Set your gateway to permit pairing (see your gateway's manual).
2. Power on the Water Leakage Sensor. Press the reset button for 2 seconds until the LED rapidly flashes yellow. If not, please reset it to default factory settings.
3. The sensor will join the gateway's network automatically. The LED light will turn solid for a while when it has successfully added.

Note: If the adding is failed, simply reset it and retry.