LH-301ZB
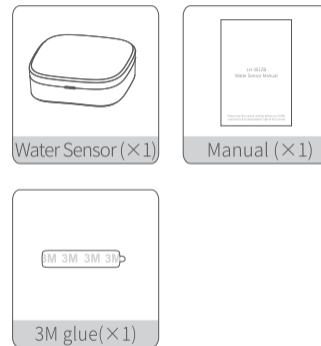### Water Sensor Manual

Please read this manual carefully before use, iHORN reserves the final interpretation right of this manual

Packing List

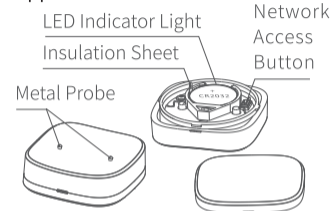Make sure the device & accessories complete after unpack as below.

Water Sensor (×1)   Manual (×1)

3M glue(×1)

📖 Batteries (battery pack or batteries installed) shall not be exposed to excessive heat such as sunshine, fire or the like.

Appearance & Feature

Appearance

LED Indicator Light
Network Access Button
Insulation Sheet
Metal Probe

Feature

This product has an innovative double-sided design, a rotary opening design, and an IP66 waterproof rating, which guarantees normal use in humid and dusty environments, and has ultra-low power consumption, low-voltage indication, and online reporting functions. It is widely used in banks, warehouses and home.

Product usage

Install iHORN Smart Life App

Scan the QR code below to download the " iHORN Smart Life " App.
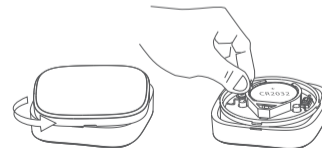
📖 Or search for " iHORN Smart Life " in App Store or Google Play to download and install, and create a new account.
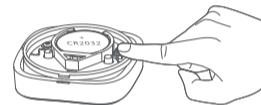
Add Device

1. Connect your phone to your home Wi-Fi.
2. Add gateway to the App according to the gateway user guide.

3. After the gateway is successfully added, open the "iHORN Smart Life" App, click to enter the gateway page, click "Add", select "Water Sensor", and follow the prompts for subsequent operations
4. Turn counterclockwise to open the back cover of the product, remove the battery insulation strip, the blue LED will flash quickly, and the device automatically enters into the enrolling mode.

5. Keep pressing the button for 5 seconds, you can also enter into the sub-device enrolling mode, the blue LED will flash quickly.

6. Click "Confirm indicator rapidly blink" in the App, the gateway voice prompts to enter into the add sub-device mode.

7. Wait for the water sensor to be added successfully.

Reset the device first.

Power on the device and confirm that indicator light rapidly blinks

Resetting Devices ›

Confirm indicator rapidly blink

Hereby, China Security & Fire IoT Sensing Co., Ltd. declares that the radio equipment type is in compliance with Directive 2014/53 /EU. The full text of the EU declaration of conformity is available at the following internet address: http://www. ihorntech.com/Service /Download.html

Special instructions:
(1)The product comply with RF specifications and technical standards, which can be used in a small communication range；
(2)The product comply with the DOC statement.

Manufacturer:
China Security & Fire IoT Sensing Co., Ltd.
Address: The 4th Building, 1st floor of the 5th Building, New and High Technology Industrial Park, Guangming, Wandaiheng, Baoan, Shenzhen, China
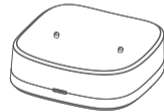
Installation Instruction

Installation method I

The product probe is placed on the floor directly to detect the water immersion condition; when water is over the probe, the sensor will send an alarm signal to the gateway.
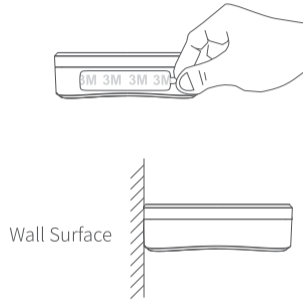
Installation method II

The product probe is placed upwards in the position to be monitored, such as windows, outdoor floors, or under the elbow of the water pipe. If there is water leakage, the sensor will send an alarm signal to the gateway .

3M 3M 3M 3M

Wall Surface

Installation method III

The product can be wall-mounted directly on the foot of the wall to detect the water level of the location to be monitored.

Notice

1. Due to the ultra-low power consumption of the sensor, when replacing the new battery, please remove the old battery and wait for about 5 seconds before installing the new battery.
2. If the sensor will not be used for a long time, remove the battery and store it in a safe place.
3. Please use the product correctly according to the instructions.
4. Avoid placing on metal objects, as it will affect the wireless transmission distance.
5. This product can reduce the occurrence of accidents, but it cannot guarantee foolproof. For your safety, in addition to using this product correctly, you need to be more vigilant in daily life, strengthen awareness of safety precautions, and perform regular maintenance and testing.

Function Instruction

1. The water sensor needs to work with gateway. When using the product for the first time or replacing the gateway, it has to enroll with gateway.
2. When the water sensor enters into normal working state, it can monitor water immersion and recede. When water immersion or recede occurs, it will send an alarm push through App in real time, and it can realize linkage through gateway.
3. This product has a low voltage reminder function. When the product battery voltage is low, the sensor will send a low voltage reminder to the gateway.

Technical Parameter

Wireless protocol	ZigBee 3.0
Transmit frequency	2.4000~2.4835GHz
Transmit power	<10dBm
Working voltage	DC3V
Quiescent current	<5μA
Working temperature	-10°C~+55°C
Working humidity	≤95%RH
Dimension	45.5x45.5x14.2mm

Restore Factory Setting

When the device is powered on, keep pressing the enrolling button for 5 seconds, the blue LED will flash quickly, and the siren will automatically enter into enrolling state after restoring factory settings.

Guarantee

Dear users, thank you for choosing our products. Please read the following content carefully before installing and using this product:

1. The warranty period is one year from the purchase date, and we will provide free repair for any failure caused by the quality of the product itself under normal use. If you have quality problems within 7 days from the purchase date, you can enjoy free replacement.
2. The following conditions are not covered by the warranty:
- Failure or defect caused by improper use environment or conditions;
- Failure or damage caused by other issues than the design, technology, production, product quality;
- Malfunctions or defects caused by the use of third-party products, software or components;
- Malfunction or defect caused by improper installation, incorrect use, unauthorized repair, modification, accident, force majeure or other external reasons;
- The product has exceeded the warranty period.

The final interpretation right belongs to China Security & Fire IoT Sensing Co., Ltd.