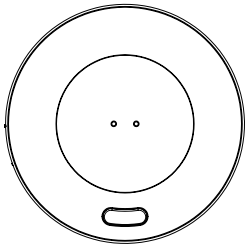
Water Leak Detector

User's Manual



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ZHEJIANG HUAXIAO TECHNOLOGY CO., LTD.

V1.0.1

Important Safeguards and Warnings

This manual will help you to use the device properly. Read the manual carefully before using the device, and retain it well for future reference.

Operation Requirements

WARNING

Never ignore any alarm. Failure to respond may lead to serious injury or death.

CAUTION

- Use the device according to the operating environment.
- Only use the device within the rated power range.
- Transport, use and store the device under allowed humidity and temperature conditions.
- Prevent liquids from splashing or dripping on the device. Make sure that there are no objects filled with liquid on top of the device to avoid liquids flowing into it.

Installation Requirements

WARNING

- Failure to properly install and operate this device will prevent proper operation of the device and will prevent its response to fire hazards.
- Strictly comply with the local electrical safety code and standards, and check whether the power supply is correct before operating the device.
- The device must be installed in a location that only professionals can access, to avoid the risk of non-professionals becoming injured from accessing the area while the device is working. Professionals must have full knowledge of the safeguards and warnings of using the device.

CAUTION

- Observe all safety procedures and wear required protective equipment provided for your use while working at heights.
- Do not expose the device to direct sunlight or heat sources.
- Keep the original packing material well because you might need it to pack the device and send it back for repair.
- Make sure the application scenario conforms to installation requirements. Contact your local retailer or customer service centre if there is any problem.
- All installation and operations shall conform to your local electrical safety requirements, fire protection regulations, and other relevant regulations.

Maintenance Requirements

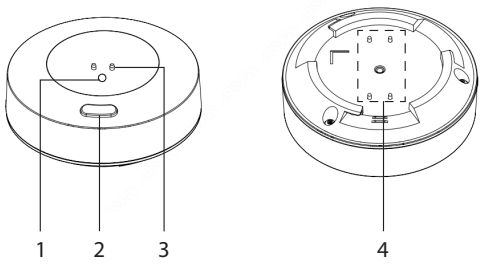
- Do not clean the device with any cleaning products.
- Do not paint the device. Paint will seal the vents and interfere with the sensor's ability to detect water.

1 Introduction

1.1 Product information

The Water Leakage Detector is specifically designed to alert the presence of water or potential flooding, helping to prevent damage caused by leaks. It is suitable for indoor water sources such as dishwashers, water heaters, and washing machines.

1.2 Product profile



No.	Name	Introduction
1	Indicator	● Standby: Constantly off ● Alarm: Flash red once every second ● Fault: Flash red once every minute
2	Button	● Power on: Press and hold the button for 5 seconds, the buzzer beeps once ● Power off: Press and hold the button for 5 seconds, the buzzer beeps once and the indicator flashes red once ● Test: Press the button once, the indicator flashes once with a short beep. After 3 seconds, the buzzer will beep twice continuously together with the red LED indicator flashing twice for two cycles.
3	Sensor	Detect top leaks
4		Detect floods

2 Technical Information

Specification	Introduction
Collection Type	Water leak
Power Source	DC 3V
Alarm Mode	Visual and audible alarm
Battery	Replaceable 2 × 1.5V AAA batteries
Battery Life	3 years
Sensor Type	Sensor Probe
Operating Temperature	-10°C to +55°C (+14°F to +131°F)
Operating Humidity	≤95% RH (non condensing)
Waterproof Rating	IP 65
Dimensions (without base)	Φ85 mm × H33 mm (3.35″× 1.3″)
Cable Length	1200 mm (47.24″)
Weight (without base)	86 g (0.19 lb)
Installation	Wall mount/free standing

3 Operation

3.1 Power on

- Press and hold the button for 5 seconds, the buzzer beeps once.
- Power off: Press and hold the button for 5 seconds, the buzzer beeps once and the indicator flashes red once.

3.2 Test

After the installation of the device or regular maintenance, a test must be carried out to confirm that the device is operating properly.

- Press the button, the red LED indicator light will flash once with a short beep. After 3 seconds, the buzzer will beep twice continuously together with the red LED indicator flashing twice for two cycles.
- Touch the device on the top with the wet finger to see whether the buzzer beeps.

Never ignore an alarm.

If an alarm is sounding, it is warning you of a potentially hazardous situation. Do not ignore it. Otherwise, the device will keep beeping until the battery is exhausted.

For the alarm caused by dripping water on the top, please deal with the alarm in time and dry the stagnant water. Water on the top of the equipment for a long time will produce yellow rust, which is a normal phenomenon.

3.3 Silence

Press the button to temporarily mute alarm sound and the device will be in silence mode for 9 minutes. To stop alarm sound permanently, thoroughly clean and dry the surface with a dry paper towel.

4 Device Installation

4.1 Package content

Check the contents of the package against the list below. If the Device is damaged or a part is missing, please contact the supplier.

Table 4-1 Checklist

Name	Number
Water Leakage Detector	1
Mounting Plate	1
Extension Probe	1
Screw Package	1
User Manual	1
Adhesive	1

4.2 Installation position

- Install this device near areas that are prone to water leakage, such as water pipes, basement sewage pumps, dishwashers, washing machines, and water heaters.
- Do not place the device upright, otherwise the alarm will not be triggered (when using the mounting plate, you can install the device on the wall).
- Do not place the device on an uneven surface, otherwise it may trigger a false alarm.
- The alarm should have its vents easily accessible for testing and maintenance.

Figure 4-1 Installation position (1)

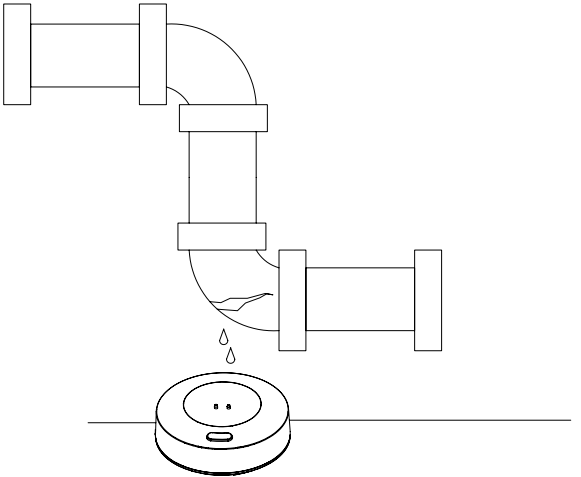


Figure 4-2 Installation position (2)

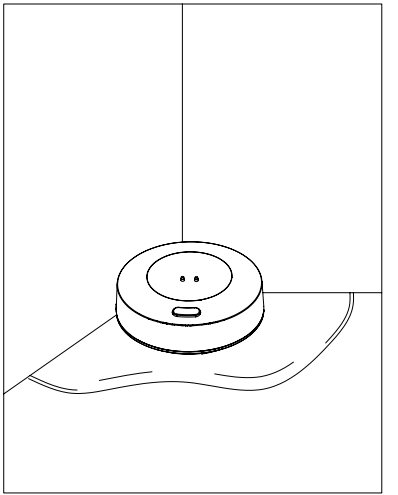
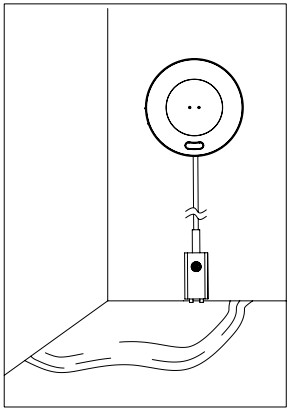


Figure 4-3 Installation position (3)



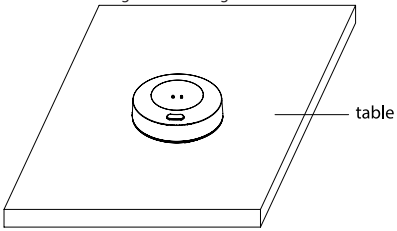
4.3 Installation steps

Placing on table

Choose a suitable place to put the device. Please ensure a stable and flat placement.

When place horizontally, detach the mounting plate from the device.

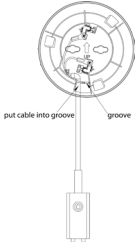
Figure 4-4 Placing on table



Mounting on wall

Step 1 Choose suitable place to install device.
Step 2 Put the cable into groove.

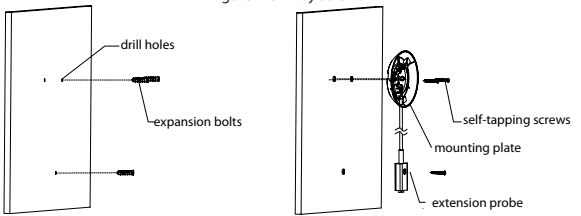
Figure 4-5 fix cable



Step 3 Fix the mounting plate.

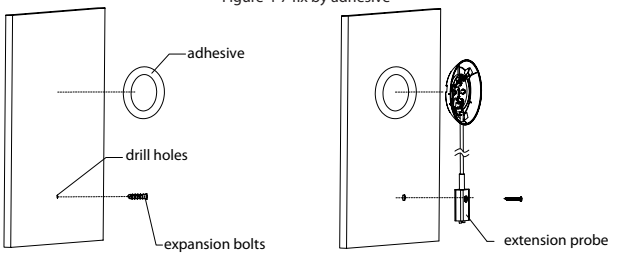
- Drill holes into the wall, then align the screw holes with the self-tapping screws.

Figure 4-6 fix by screws



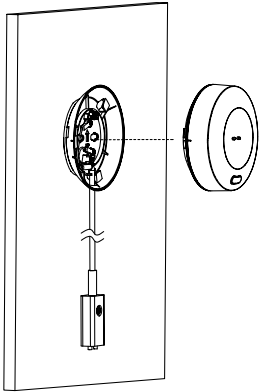
- Paste the adhesive to the wall surface to secure the mounting plate. Drill holes to fix the extension probe.

Figure 4-7 fix by adhesive



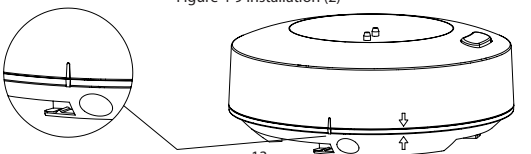
Step 4 Attach the device onto the wall.

Figure 4-8 installation (1)



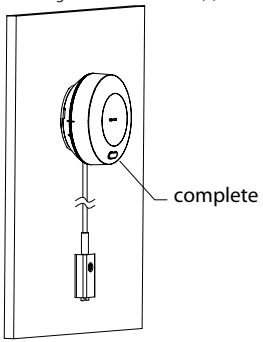
Step 5 Align the position marks of the mounting plate and the device.

Figure 4-9 installation (2)



Step 6 Rotate the detector clockwise to complete installation.

Figure 4-10 installation (3)



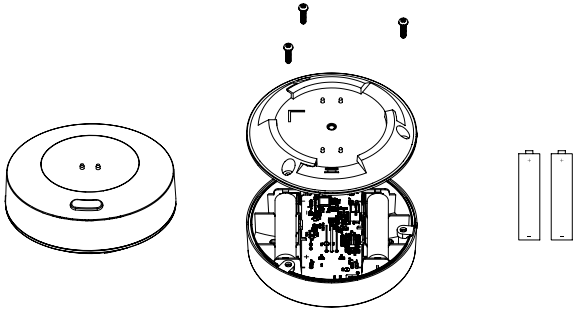
5 Battery Replacement

When the detector gives low battery warning, the red indicator flashes once every minute. Please replace the battery immediately. Test the device every time you replace the battery. When replacing the battery, pay close attention to the positive and negative polarity markings (+ and -).

CAUTION

Replace the battery in the power-on state, the device powers on directly by default.
Replace the battery in the power-off state, please power on first.
Replace the battery with same type (AAA batteries).

Figure 5-1 replace battery



6 Discard

Waste electrical products should not be disposed of your other household waste. Please dispose in an environmentally friendly manner, and strictly follow the local regulations regarding the disposal or recycling of the electrical device.

WARNING

Do not burn or throw into fire.

7 Frequently Asked Questions

Problem	Cause	Solutions
The device does not respond when the button is pressed	Device is powered off	Make sure the device is powered on. The device needs to be turned on for the first time, otherwise the device will not be activated
	Battery depleted	Replace the battery
The device is not activated when there is a water leak	Battery depleted	Replace the battery
A false alarm occurs	There is water in the device.	Dry the surface with a dry paper towel

8 Warranty and Contact

If you need after-sales service, please contact your local dealer or retailer.

Western EU Importer: DAHUA EUROPE B.V.
Address: Louis Braillelaan 80, 2719 EK Zoetermeer The Netherlands
Email address for service purposes: support@wisualarm.com

CEE&Nordic Importer: Dahua Technology Poland Sp.z.o.o.
Address: Poleczki Park Salsy 2, 02-823 Warszawa
Email address for service purposes: support@wisualarm.com

UK Importer: Dahua Technology UK Ltd.

Address: 3rd Floor, Quantum House, 60 Norden Road, Maidenhead, SL6 4AY
Email address for service purposes: support@wisualarm.com

Germany Importer: Dahua Technology GmbH
Address: Niederkasseler Lohweg 185, 40547 Düsseldorf, Deutschland
Email address for service purpose: support@wisualarm.com

9 Documents

The batteries contained in the product, if any, have been tested in compliance with Regulation (EU) 2023/1542.
The full text of the EU declarations of conformity and EU declarations of performance is available at the following internet address: https://en.wisualarm.com/en/Download

For more information, please scan the QR code below or visit https://en.wisualarm.com/en/Product