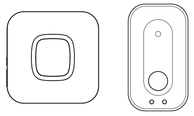
Wireless Water Leak Sensor

User Manual



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This wireless water detector is designed to trigger an alarm upon contact with water, minimizing the risk of severe water damage from leaks or floods while you are at home or away.

Before You Begin

1. The location where you want to install the Wi-Fi gateway should be within the range of your home Wi-Fi signal.
2. Your mobile device must be connected to the same Wi-Fi network that the Wi-Fi gateway will connect to. (only 2.4G networks supported).
3. Ensure that Bluetooth is enabled on your mobile device.

Hardware Overview

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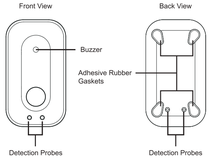

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Operation Manual

Buttons	Gateway Alarm	Description (Note: The water leak detector must emit a sound alarm before it can transmit a signal.)
Volume/Off Gateway Alarm	Short press to adjust volume	Play ringtone at your selected volume
	Press and hold for 2s to turn off gateway alarm	Only the gateway alarm is turned off, the water leak detector remains unaffected.
Forward/ Pairing	Short press to select the previous ringtone	Short press to select the previous ringtone
	Press and hold until the blue light flashes quickly to pair	After long-pressing the forward button, the blue light will flash quickly, triggering the water leak detector to pair and add it to the gateway. It comes factory paired and can also be unpaired via the app interface.
Backward/ Network Pairing	Short press to select the next ringtone	Play your selected ringtone
	Press and hold until the red light flashes to enter the alarm gateway pairing mode	Pairing successful: Red light turns off. Pairing failed: Red light stays on.
Volume + Backward	Press and hold for 2s until the blue light flashes to enter decoding mode	Trigger the water leak detector to establish a connection with the gateway (it can also be unpaired via the app interface).

Add the Gateway to App - Setting up the Wi-Fi Network for the Gateway

1. Power up the gateway.

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2. Download the "Smart Life" App from the Apple App Store or Google Play/Please scan the QR code to download SmartLife APP.

Smart Life

Smart Life | Google Play | App Store

3. Open the Smart Life app and log in with your "Smart Life" account. If you don't have an account, please create one first.
4. Press and hold the backward button on the gateway for about 5 seconds until the indicator light flashes red quickly, then release your finger.

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5. Click the "+" button in the top right corner, the app will automatically discover nearby devices and prompt you to select the device you want to set up.

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6. Enter the Wi-Fi network password for your mobile device, and it will begin registering the device to the cloud.

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7. After adding successfully, you will be able to receive notifications even when you are away from home.

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Pair the Water Leak Detector with the Gateway Alarm
Add/Delete Devices on the Gateway

(1) Long press the forward button until the blue light flashes quickly to enter pairing mode.
Note: The water leak detector must emit a sound alarm to send a signal.

(2) Activate the sensor (transmitter) successful pairing will emit a beep.

(3) Long press the volume and backward buttons until the blue light flashes quickly to enter decoding mode.

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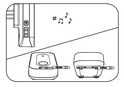
(4) Activate the sensor (transmitter) successful unpairing will also result in a beep.
Note: The water leak detector must emit a sound alarm to send a signal.



(5) If pairing is not successful within 30 seconds of entering pairing mode, the main unit's blue light will turn off, exiting pairing mode without any sound prompt.
(6) For devices successfully added to the gateway, when a water leak is detected, the water leak detector will send a signal and trigger its own alarm. The gateway will also sound an alarm and push notifications to your phone.

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Add/Delete Devices in the App

(1) Click the "+" in the app to enter pairing mode for the gateway.
(2) Activate the sensor (transmitter) to add it to the gateway.
(3) Swipe right on the corresponding sub-device in the app to delete the sub-device.

Note:
(1) Pairing mode lasts only 30s; please activate the sensor (transmitter) within this time.
(2) You can add up to 8 sensors (transmitters) to the gateway/app.

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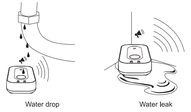
How to Test Water Leak Sensor

You can use a small amount of water to contact the two detection pins at the bottom or top. If there is an alarm, it indicates that the product is functioning properly. Wipe the equipment dry to clear the alarm.
Note: Do not use pure water.



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Ringtone Settings

Each sensor (transmitter) can be assigned a different ringtone.

Setting on the Gateway

To change the device's ringtone, please follow the steps to **" Pair the Water Leak Detector with the Gateway Alarm."**

Setting in the App

(1) Tap the sensor that you want to set.
(2) Tap on a ringtone to select it as a new sound.
(3) Tap **"Save,"** and the device will play your selected ringtone.

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Mode Settings

Each sensor (transmitter) has 3 modes to choose from.
Light & Sound: The gateway will flash the indicator light and sound the ringtone you have set.
Sound: The gateway will only sound the ringtone you have set.
Light: The gateway will only flash the indicator light.

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Volume Adjustment

(1) Tap the sensor (transmitter) that you want to set.
(2) Drag the slider to adjust the volume.
(3) Tap "Save" the gateway will play the ringtone you selected.

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Voice Broadcasting

1. In the app, tap the third-party voice assistant icon (Alexa/Google) to add it to the third-party speaker. When the main unit is triggered, it can announce through Alexa, saying, "Someone is at the XXX" (where "XXX" is the editable device name).
2. Commands cannot be issued via Alexa to control the device (this product is a sensing device, not a control-function device).

Notification

When you turn off the notifications, you will not receive any alerts from the water leak detector, and the history will not be recorded.

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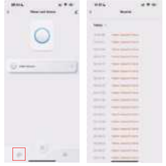
Records

Check the history of notifications.



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Do Not Disturb Time Setting

Set the time you want Do Not Disturb to begin and end every day, APP notifications will not be affected.

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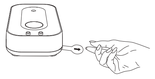
Using and Installing the Water Leak Sensor

The connection distance between the water leak detector and the gateway alarm can reach up to 500 meters without any obstructions.
1. Power on



The sensor requires 2 x AAA batteries, which are already installed. Please remove the insulation strip to activate the sensor.

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2. Test
To test if the sensor works properly, short-circuit the two probes at the top and bottom with a screwdriver or other conductive object to simulate an alarm for a water leak.

3. Place the sensor in a location where water leaks may occur. Choose a spot where floods, leaks, and water infiltration can happen, and ensure that the detection probes touch the surface being monitored. It is ideal for use in areas that are not usually observed:
-Water heaters
-Behind washing machines or dishwashers
-Under sinks
-Sump pumps or inside pits
-Toilets
-Behind or near media systems
Note: If the surface you're placing the sensor on is not flat, try to position the sensor at the lowest point

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4. Alarm
When water is detected by either pair of detection probes on the top or bottom, the sensor immediately sends a notification to the connected mobile phone app and sounds an alarm for 200 seconds, then continuously beeps every 30 seconds until the battery runs out.

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5. Clear the Alarm
Wipe up the water on the sensor with a cloth or tissue, and it will stop the alarm.

Low Battery Alert and Replacing Battery

When the battery is running low, the battery icon in the app will turn red, and you will receive a daily alert to remind you to replace the battery.
(1) Remove the three adhesive silicone gaskets from the bottom of the sensor.
(2) Using a Phillips screwdriver, remove the three screws.
(3) Remove the back cover.

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(4) Remove the old battery and replace it with a new battery (verify the polarity and insert according to the + and - markings on the battery).
(5) Reassemble the sensor and ensure that the silicone gasket is secure to avoid any water infiltration.

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Troubleshooting

Issue	Cause	Solution
Can't connect the gateway to the Wi-Fi network or add it to the APP	Bluetooth on your mobile phone is not turned on	Please turn on the Bluetooth on your mobile phone
	The Wi-Fi network that your mobile phone connected is not 2.4G	Connect to a 2.4G Wi-Fi network
	The gateway is out of range of your Wi-Fi network (router)	Place the gateway as close to the router as possible
	The password entered is incorrect	Enter the correct password of your Wi-Fi network
The gateway can't sound an alarm or send app notifications	The sensor (transmitter) is out of range of the gateway	Test the sensor before final mounting to ensure it is within the range of the gateway
The water leak sensor doesn't work	The insulation strip has not been removed	Pull out the insulation strip before use
	Battery runs low	Replace a new battery
	Battery installed improperly	Re-install the battery

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Specifications

Specifications	Wi-Fi gateway
Power	AC100～240V
Wi-Fi network	2.4G b/n/g
Volume	0-110dB
Number of ringtone	12
Wireless frequency	433MHz
Operating environment	-10℃-55℃,relative humidity 10%~90%

Specifications	Wireless Water Leak Sensor
Wireless frequency	433.92MHz
Wireless distance	500 m ± 30 m
Battery	DC3V, 2 x AAA batteries required
Battery life	Up to 2 years
Standby current	<5uA
Alarm current	<50mA
Alarm volume	Max 110dB
IP rating	IP65
Automatic Shutoff	No
Operation Conditions	32° F to 120°F (0°C to 49°C)

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FCC Compliance Notice

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful Interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
-Reorient or relocate the receiving antenna.
-Increase the separation between the equipment and receiver.
-Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

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-Consult the dealer or an experienced radio/TV technician for help.
This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. In order to avoid the possibility of exceeding the FCC radio frequency exposure limits, human proximity to the antenna shall not be less than 20cm during normal operation.

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