

Aqara Water Leak Sensor Introduction

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Product Profile

Aqara Water Leak Sensor detects water leak and flooding and monitors the status of water leak. When the water leak or flooding occurs, it sends an instant alert notification via app. It also works with other smart accessories to automate your home.



*This product is for indoor use only. Please bind the product to the Hub before use.

*Aqara Hub is required to enable Aqara Water Leak Sensor to work with **Homekit**.

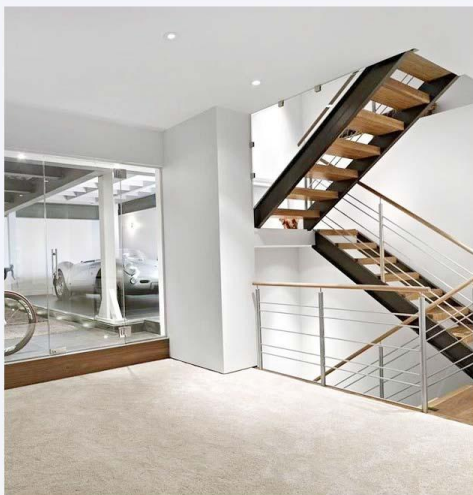
Water Leak Sensor Usage

Aqara water leak sensor can be used at home/office/hotel and so on.

Restroom



Basement



Kitchen



Balcony

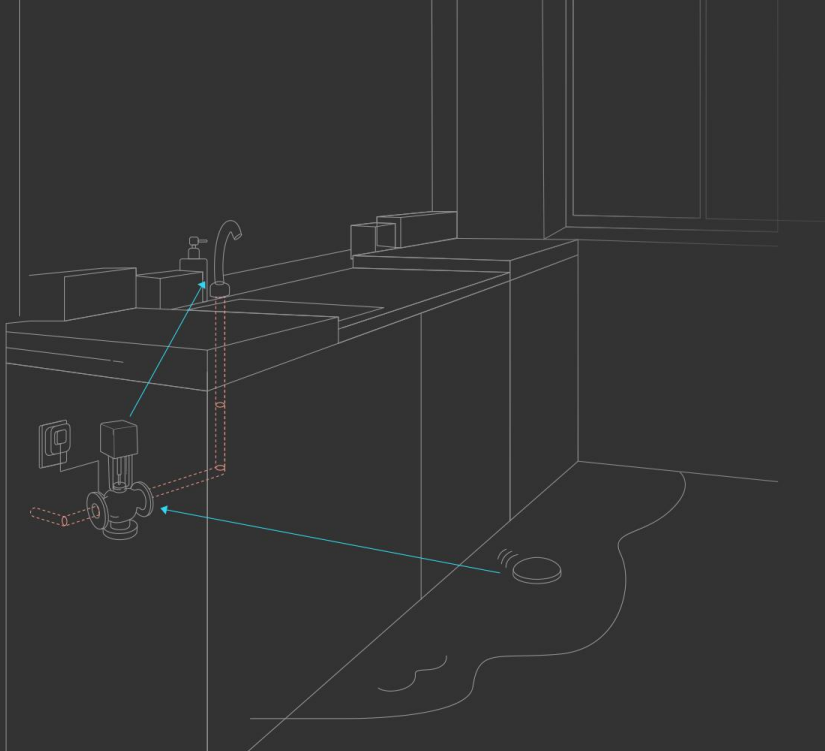


Usage 1: Detect water leak in restroom/basement/kitchen/balcony

Aqara Water Leak Sensor can be placed anywhere according to your needs, guarding your home with its elegant design.

App will notify or hub alarms when detects water leak.

Water Leak Sensor Usage



Usage 2: Automatically Turns the Water Off

When Used with Solenoid Water Valve. After detecting a leak, the Aqara Water Leak Sensor triggers the Aqara Smart Plug to turn off the solenoid water valve instantly. * This scene requires a solenoid water valve and an Aqara Smart Plug.

Product Selling Points

Triggers Aqara Hub Alarm and Push Notification



When the water level reaches up to 0.5 mm, the Water Leak Sensor will trigger the Hub to sound an alarm and send a notification to your phone.

IP67 Dustproof and Waterproof Rating



Aqara Water Leak Sensor meets IP67 dustproof and waterproof rating. It is guaranteed to work in humid and dusty environments.

Designed to Fit Everywhere



Aqara Water Leak Sensor can be placed anywhere according to your needs, guarding your home with its elegant design.

Aqara Home Automation



You can customize different scenes with our suite of smart home products. For example, after detecting a leak, the Aqara Water Leak Sensor triggers the Aqara Smart Plug to turn off the solenoid water valve instantly

Advanced Technology



The outer shell is made out of anti-UV material and protects the sensor from discoloration. The sensor is also energy efficient and one battery can last over 2 years under normal usage.

Product Specifications

Basic Parameters

Category	Description
Product Brand	Aqara
Product Name	Water Leak Sensor
Product Model	SJCGQ11LM
Product Dimensions	50 ×50 ×15mm
Product Color	White
Product Material	ABS+PC
Battery Model	CR2032
Product Gross Weight	20g
Product Net Weight	65g

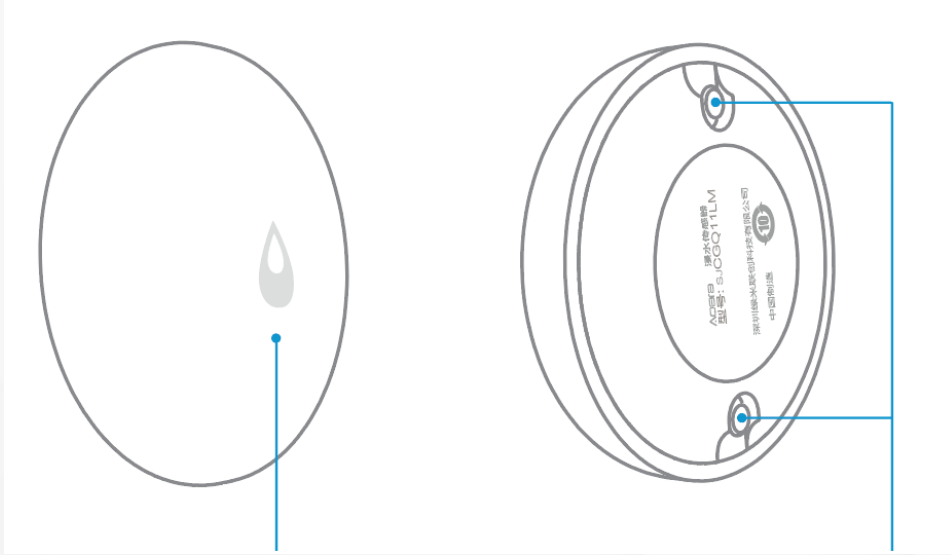
Wireless Parameters

Category	Description
Wireless Connection	Zigbee
Wireless Standard	IEEE 802.15.4
Operating Frequency	2.4GHz
Transmit Power	10dbm
Connection Distance	200M open ground

Environment Parameters

Category	Description
Operating Temperatures	-10°C~+55°C
Operating Humidity	0~100%RH

Button Functions



Indicator Light/Reset Button

Long Press for 5s: Reset

Single Press: Effective Range Test

Inductive Probe

Effective range test: When single press the reset button, the Hub will make voice prompt of “Normal link confirmed” , it means the connection between the device with Hub is normal.

Device identify: When single press the reset button, the device will flash on the app at the menu of Accessories.

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Product Installation

Here you can watch the [installation video](#).

Option 1: Place it directly on the surface in where you need to monitor the water leak.



Option 2: Use a hex screwdriver to loosen the probes, and connect to cables for more smart scenes.

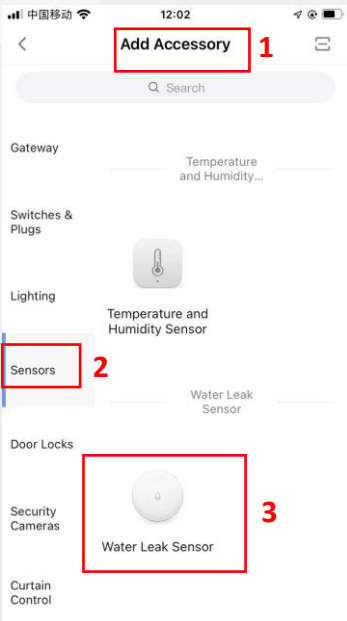


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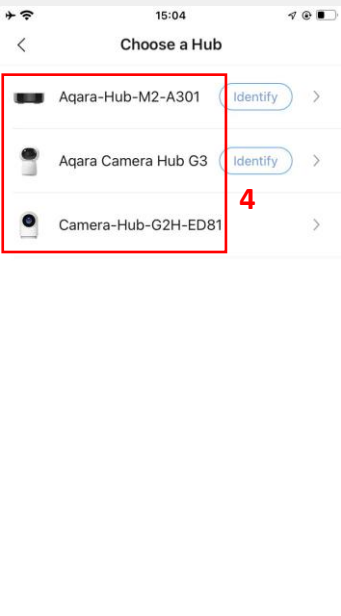
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How to Bind Water Leak Sensor on App

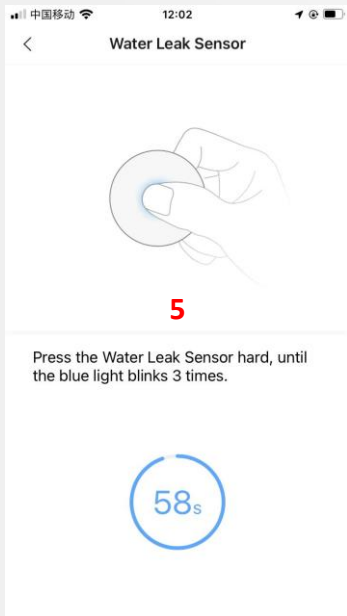
Please open the app, enter "Add Accessory" page and select "water leak sensor"



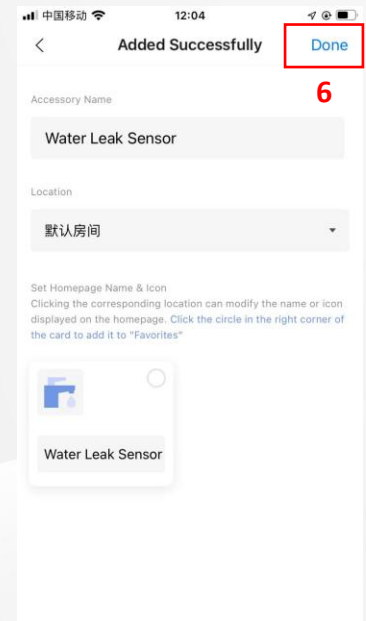
Choose a Hub. Please complete the hub binding before select a hub here.



Press the water leak sensor hard, until the blue light blinks 3 times.



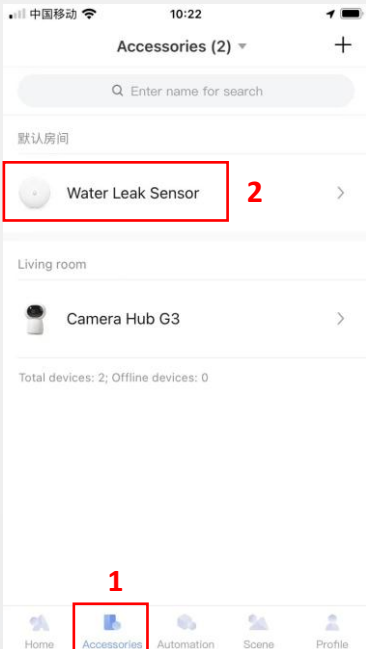
Click the button of Done to complete the device binding.



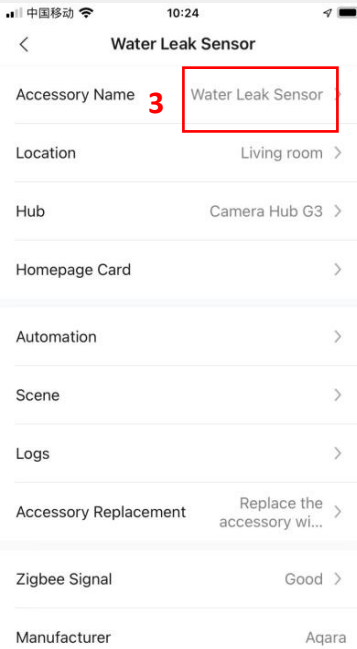
Effective Range Test: Press the reset button, if the Hub makes voice prompts, it indicates that the accessory can communicate effectively with the Hub.

How to Rename the Device

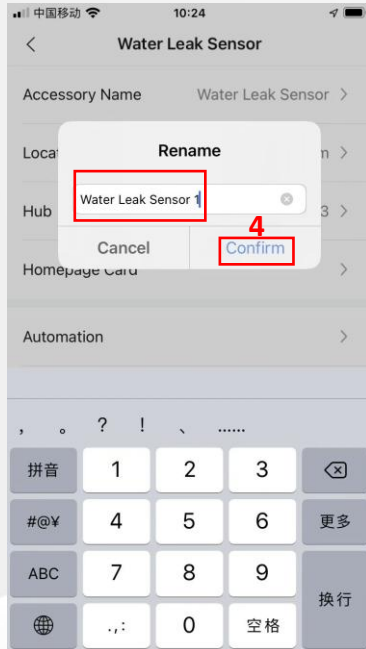
Open the app, enter “Accessories” and select “Water Leak Sensor” .



Click “Accessory Name” .



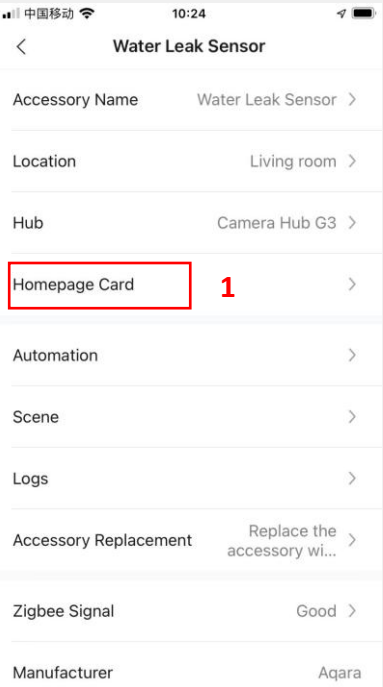
Input new name and click “Confirm”.



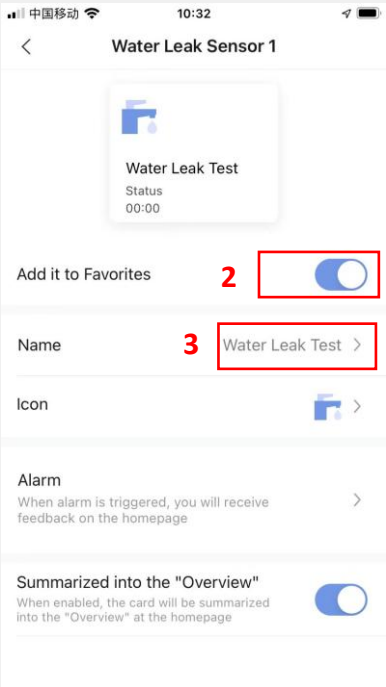
*Once rename the device, the new name will display at the menu of “Accessories” on App.

How to Add Device to “Favorite” on Homepage

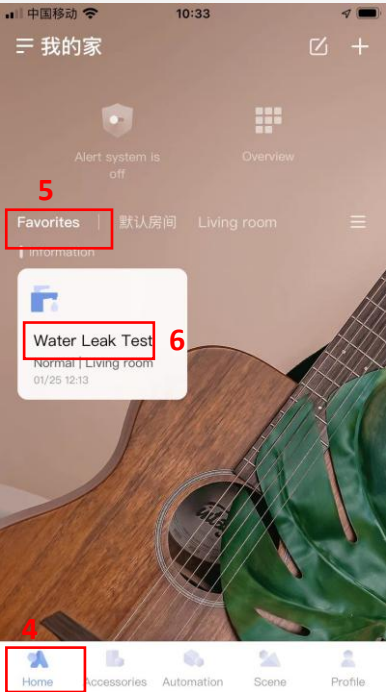
Open the app, enter “Water Leak Sensor”. Then click “Homepage Card”.



Enable “Add it to Favorites”, Give the new name on the homepage for device as per requirement.



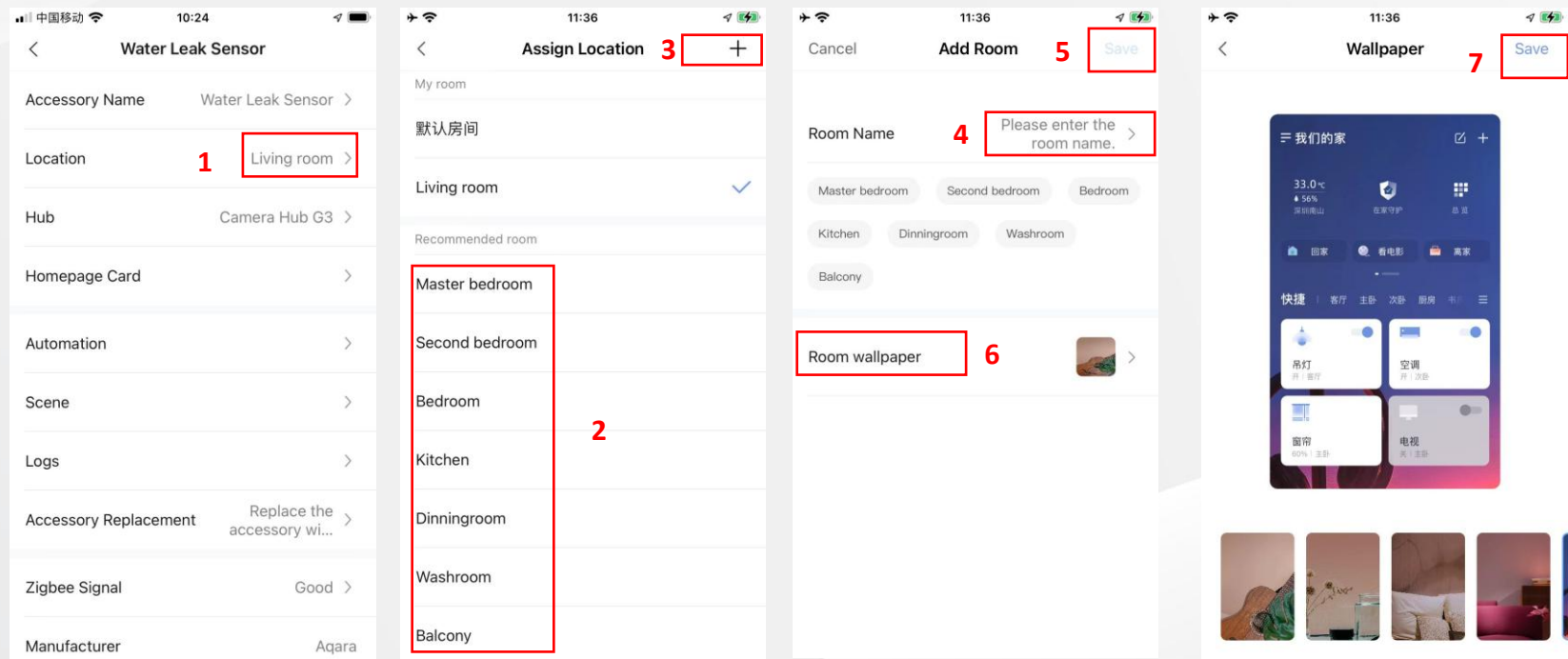
Go to the homepage and click “Favorites”. The device will display here.



*Once give the new name at step 3, the new name will display at “Favorite”.

How to Set Location

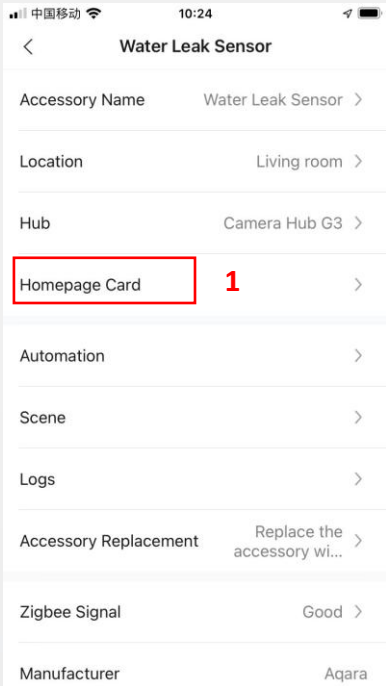
select the location: Step 1--Step 2;
Create new location: Step 1--Step 3--Step 4--Step 5, or you can select the name in the list here;
Select the wallpaper: Step 1--Step 3--Step 6--Step 7.



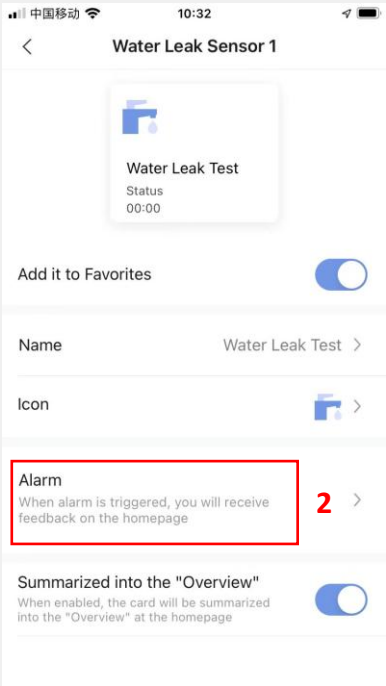
How to Enable Alarm Notification on Homepage

Main step 1: Select the condition

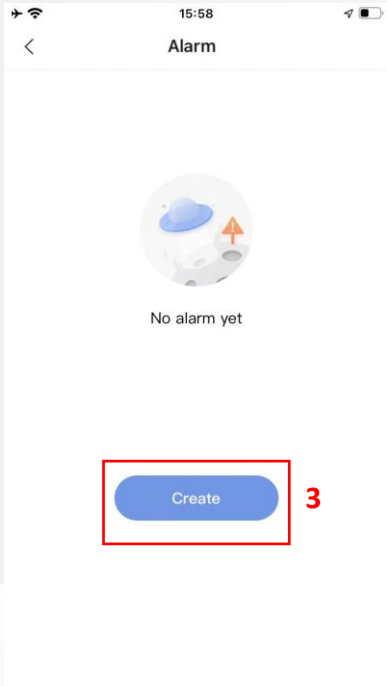
Click "Homepage Card".



Click "alarm".

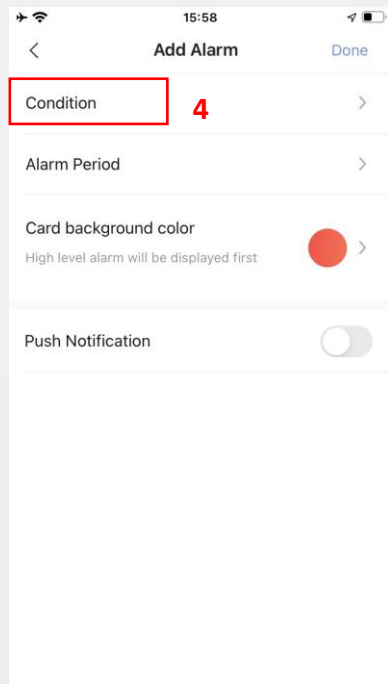


Click "Create".

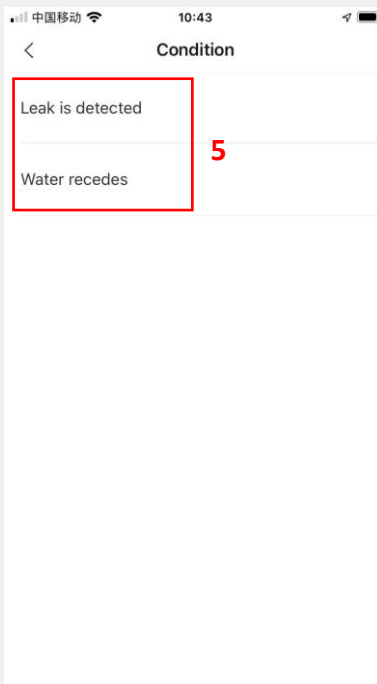


How to Enable Alarm Notification on Homepage

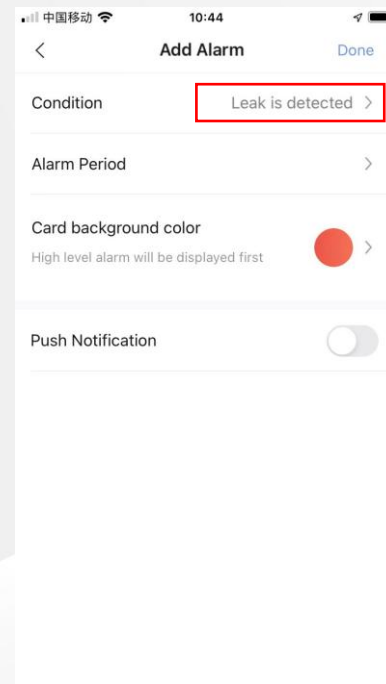
Click "Condition".



Select one condition from the list.



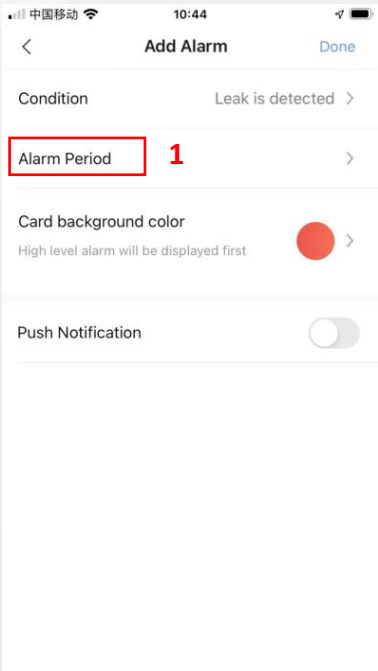
Check the condition.



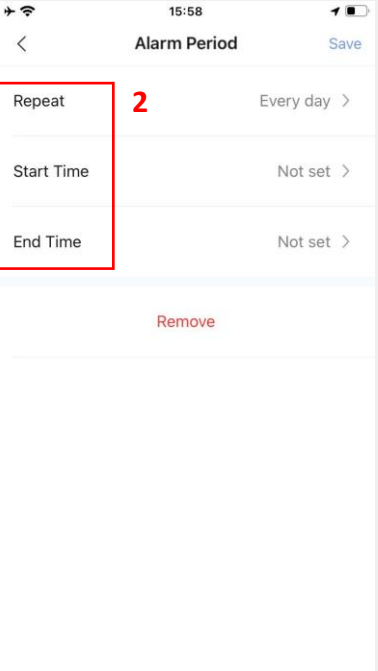
How to Enable Alarm Notification on Homepage

Main step 2: Select & set the “Alarm Period”

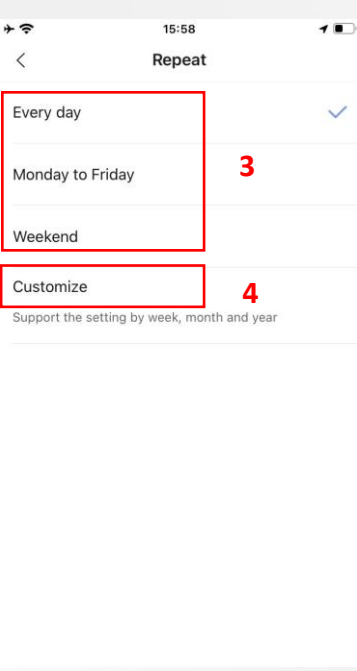
Click “Alarm Period”.



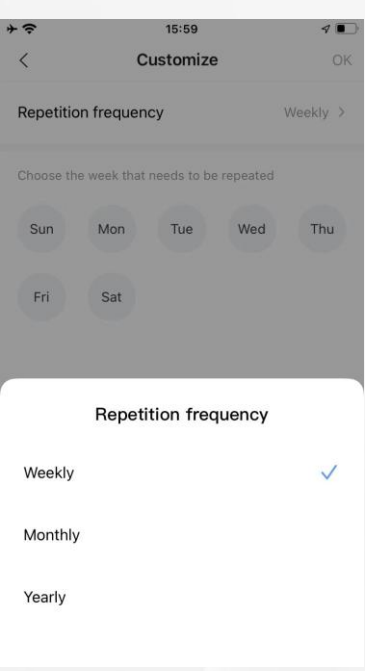
Click “Repeat”. And set “Start Time” and “End Time”



Select the period from the list or customize it.

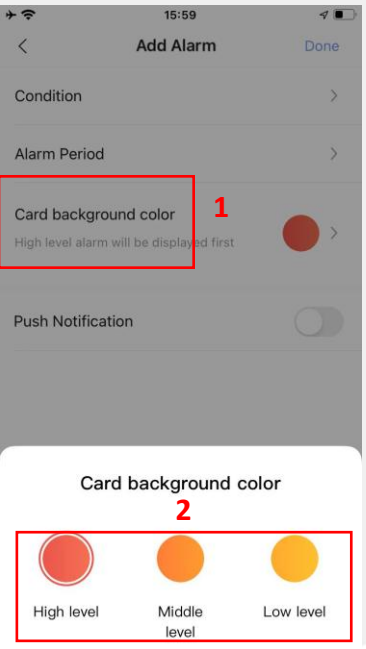


Customize as per the requirement



How to Enable Alarm Notification on Homepage

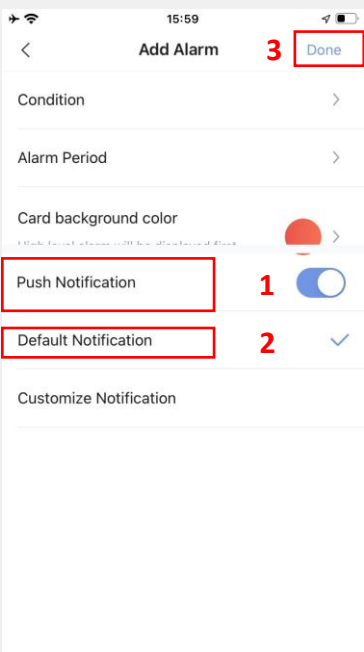
Main step 3: Select “Card background color”



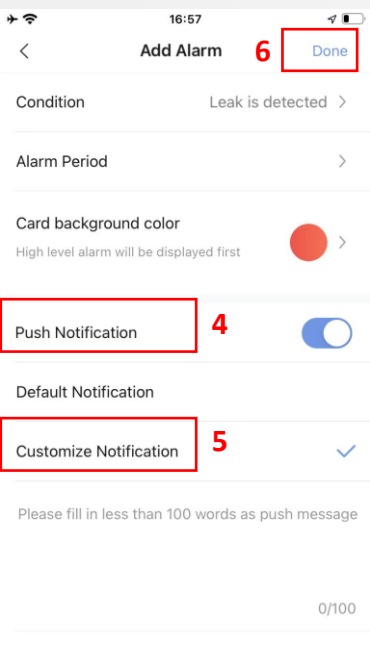
How to Enable Alarm Notification on Homepage

Main step 4: Select or customize “Push Notification”

Configure **default notification**, please follow the step 1--step 2--step 3.



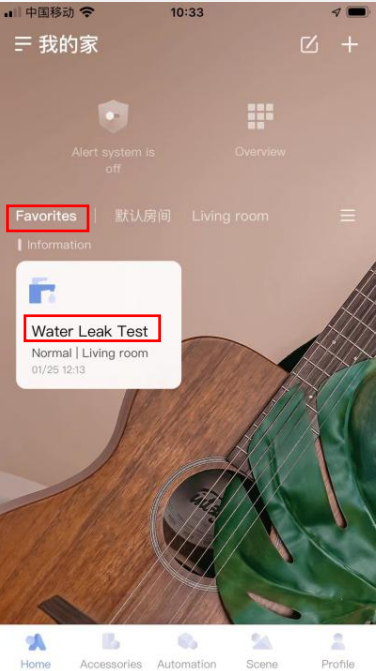
Configure **customized notification**, please follow the step 4--step 5--step 6.



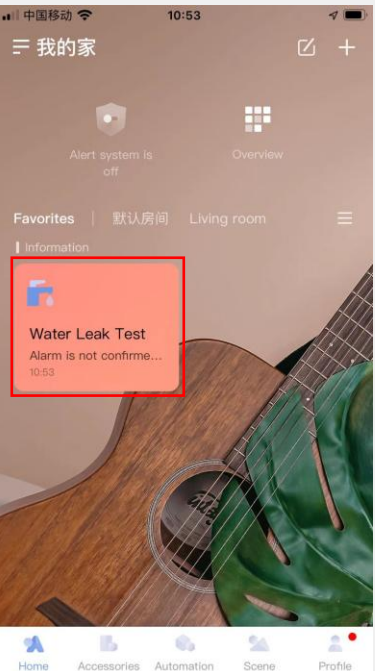
How to Enable Alarm Notification on Homepage

Main step 5: Check the “Alarm Notification” on Homepage

Go to the homepage and click “Favorite”.



The Icon will flash as per the selected background color when there is alarm.



Here is the default alarm notification.

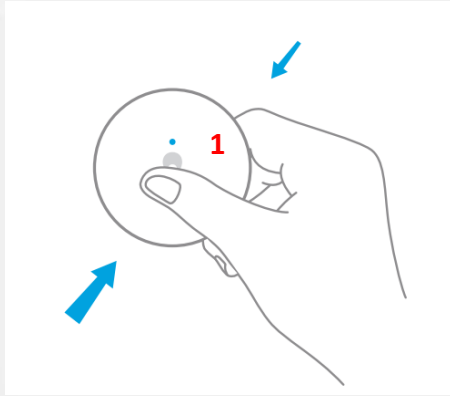


Here is the customized alarm notification.

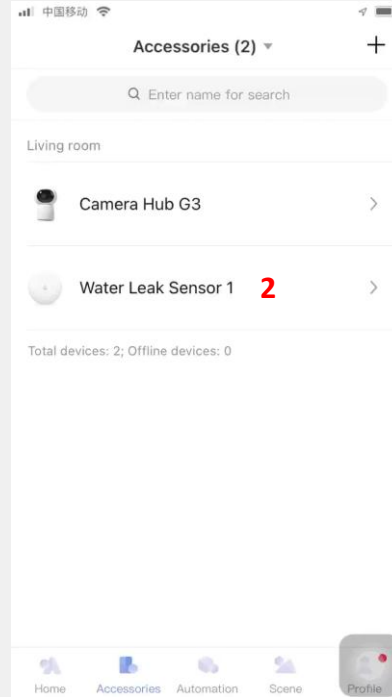


How to Identify the Device

Single press the reset button.

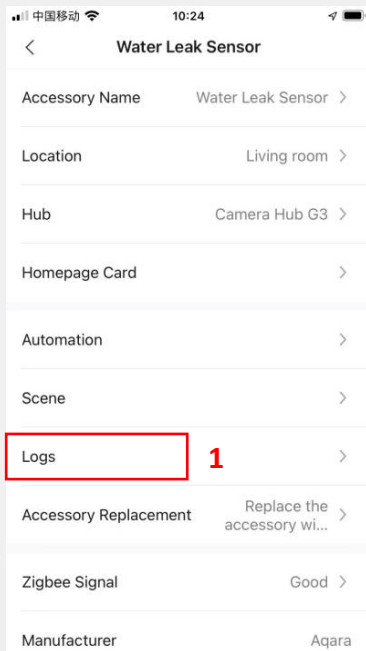


Check the device at the “Accessories” Page. The device will flash on App.

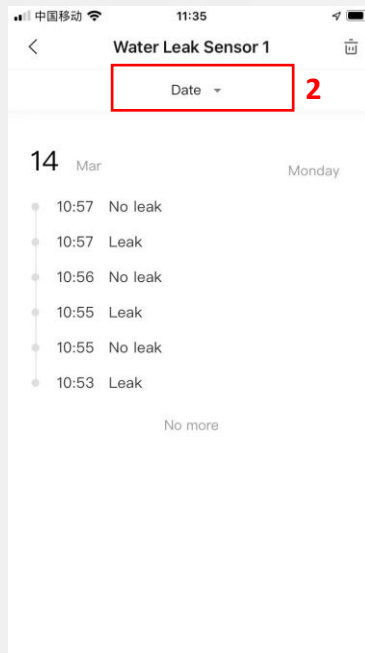


How to Check Logs

Click “Logs” when enter “Water Leak sensor”.



Select the date.



How to Configure Automation and Scene



Aqara Water Leak Sensor supports the below Automation on **Aqara Home App**.

Please click “Automation” and “Scene” to start the configuration, below are the main steps on App.

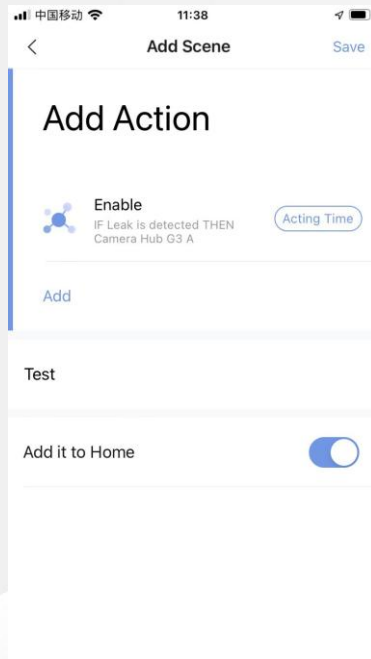
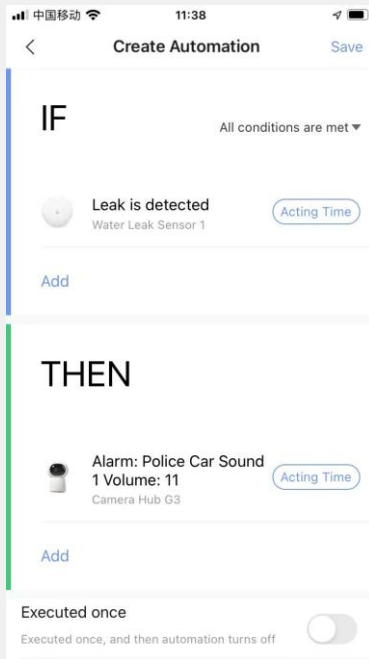
IF:

Leak is detected

Water recedes

Then:

Not support



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FAQ for Water Leak Sensor



What functions do the Water Leak Sensor have?

The Water Leak Sensor detects water leak and flooding and monitors the status of water leak. When the water leak or flooding occurs, it sends an instant alert notification via the app. It also works with other smart accessories to automate your home.

What's the working principle of Water Leak Sensor?

Water Leak Sensor makes use of the electrical conductivity of water. When two probes come into contact with water, a current loop is formed. At the same time, the sensor reports water leak/flooding status to the Aqara Hub and thereby triggers the alarm or turns on other smart accessories connected with it to execute relevant actions.

How does the Water Leak Sensor communicate with the Aqara Hub?

Water Leak Sensor communicates with the Aqara Hub through Zigbee protocol wirelessly. Zigbee technology is a short-distance and low-power consumption wireless communication technology. As a communication protocol for smart home control system, it has become popular in recent years. Compared to other communication protocols, it has the following advantages:

- 1) Ultra-low power consumption;
- 2) Safer;
- 3) Ad hoc network, accommodating more accessories.

Why does the Water Leak Sensor fail to connect? How to reconnect?

Possible reasons:

1. Operation error. Please add the accessory according to Add Accessory method again.
2. The accessory is too far away from the Aqara Hub. Please move the accessory closer to the Aqara Hub.
3. There are more than 32 accessories under this Aqara Hub.

Why is the Water Leak Sensor often offline?

Possible reasons:

1. The accessory is too far away from the Hub, please try to install the accessory closer to the Hub.
2. Low battery or dead battery. Please replace the battery.
3. The accessory is installed on the metal surface and the signal is interfered. Please avoid metal surface.

FAQ for Water Leak Sensor



Can the Water Leak Sensor be used independently?

No, it can't. The Water Leak Sensor must work with a Hub.

What are the requirements for the installation of Water Leak Sensor?

The installation of Water Leak Sensor is simple and easy. You just need to place it on a surface that needs to be monitored.

Is the Water Leak Sensor waterproof and dustproof?

Yes. The Water Leak Sensor meets international IP67 dustproof and waterproof level and plays a protective role with respect to short-term flooding.

Where is the button of the Water Leak Sensor?

The button of the Water Leak Sensor is located at the center of the shell. Trigger the button by holding the top and bottom cover and pressing the "Water Drop" icon.

At what water, the alarm will be triggered?

The Zigbee antenna of the Water Leak Sensor is onboard antenna. It is right under the "Water Drop" icon.

What power supply mode does the Water Leak Sensor adopt?

The Water Leak Sensor uses one CR2032 lithium battery. The output voltage of the battery is 3V. Normally, the service life of the battery is about two years (The actual service life depends on specific circumstances).

How to reset the Water Leak Sensor?

Long press the reset button on the shell for 5 seconds until the blue light flashes continuously to reset the Water Leak Sensor.

Thank you