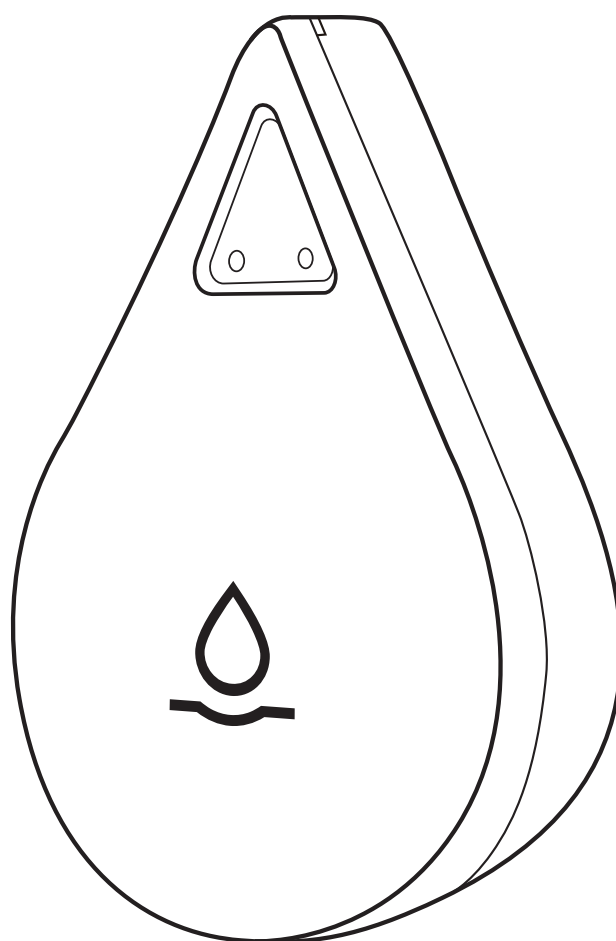


Smart WaterLeak Sensor WL2

User Manual

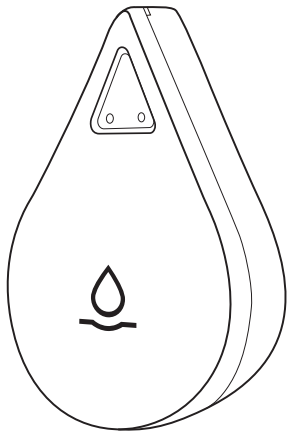


THIRD REALITY

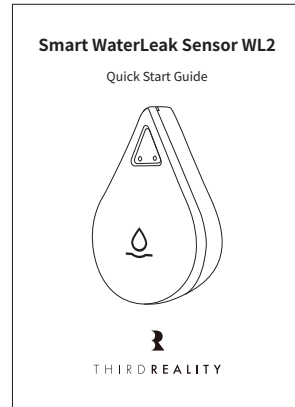
Contents

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What's in the Box



Smart WaterLeak Sensor WL2 × 1

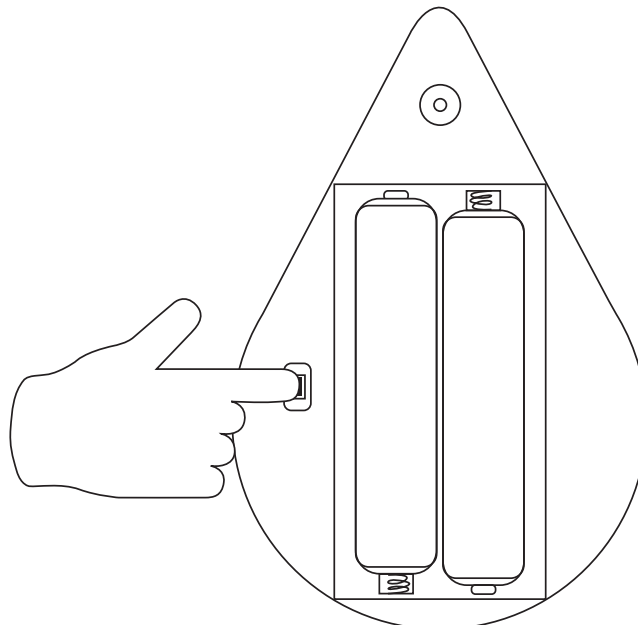


Quick Start Guide × 1

Note: Battery Not Included

Based on customer feedback, we found that AAA batteries are already widely available in many households, and some users prefer to use their own rechargeable batteries. For this product, AAA batteries are not included in the package. Please install your preferred AAA batteries before use.

①



Specifications

Model Number	3RWS0218Z
Input	3V
Connectivity	Zigbee 3.0
App Support	IOS/Android

LED Indicator Reference

LED Status	Description
Flash twice every 5 seconds in red	Low Battery
Flash once in red	Water leak detected
Flash rapidly in Red	Pairing mode
Flash slowly in Red	Offline

Setting up your Water Leak Sensor

1. Follow the instructions and set up your compatible Zigbee hub.
2. Open the shell, install the battery(not included),the sensor will automatically enter pairing mode.
3. You can also long press the internal reset button for 5 seconds until the red light is on to put it into pairing mode again when needed.
4. Follow the instructions and pair the sensor with your Zigbee hub.

Using your Water Leak Sensor

1. Placing the sensor on the floor of your desired area for water leak monitoring.
2. Drip/Leak detection monitoring with timely alerts is enabled through the platform' s automation settings.

Note: No alarm sound when triggering water leak mode.

Pairing with 3R-Installer App

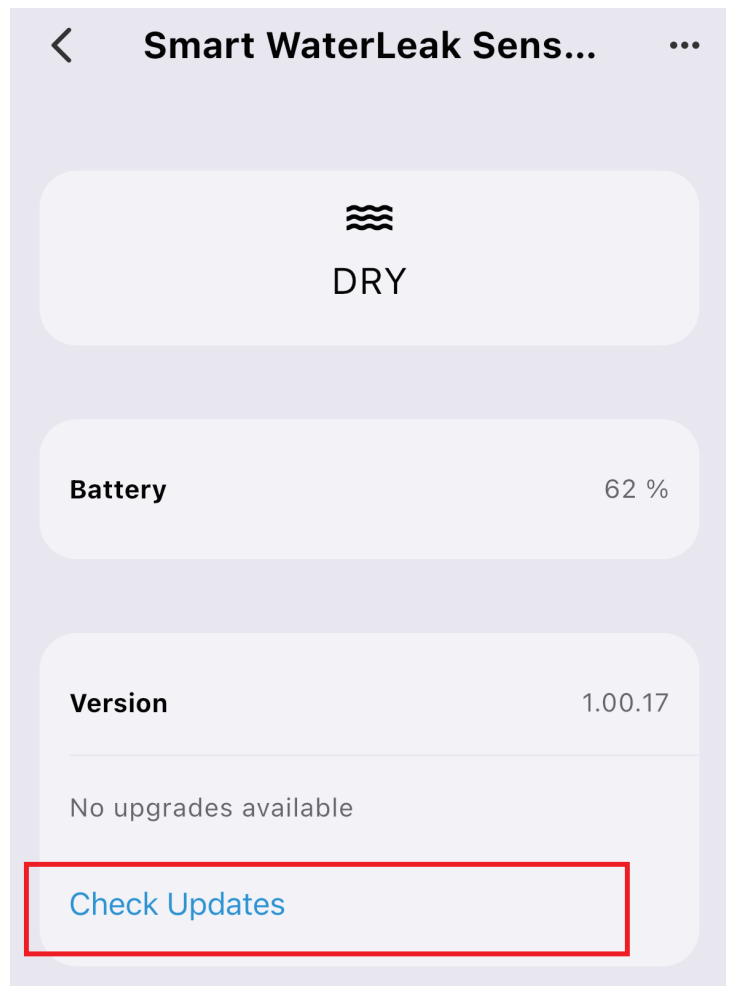
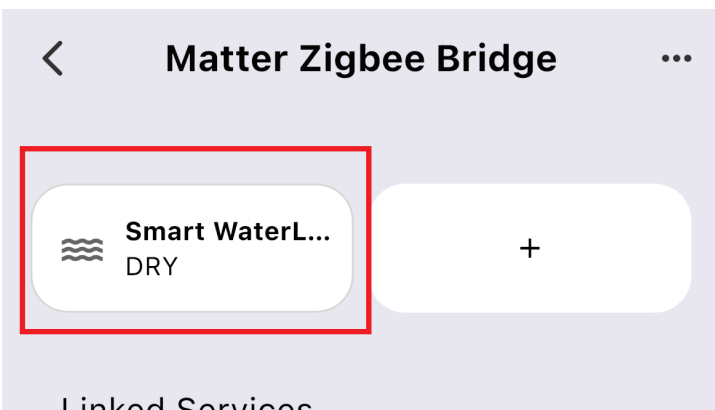
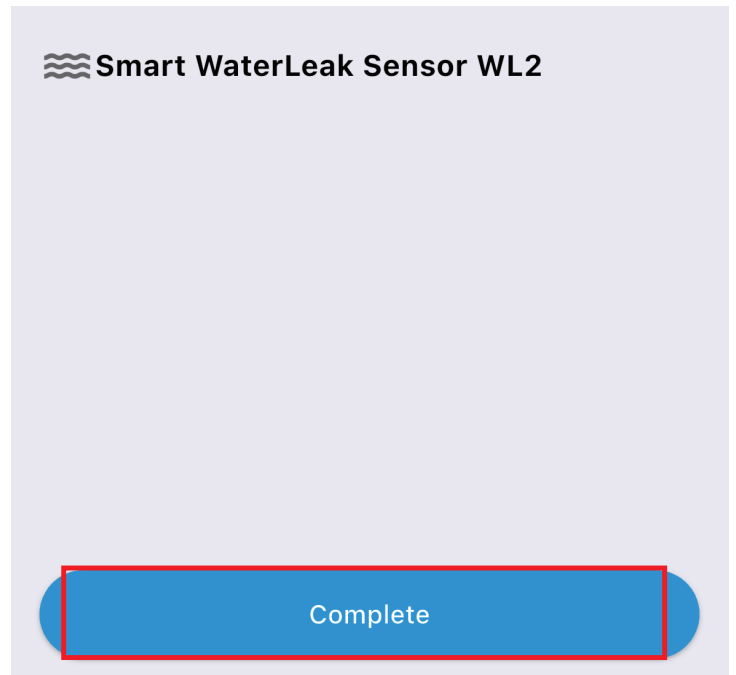
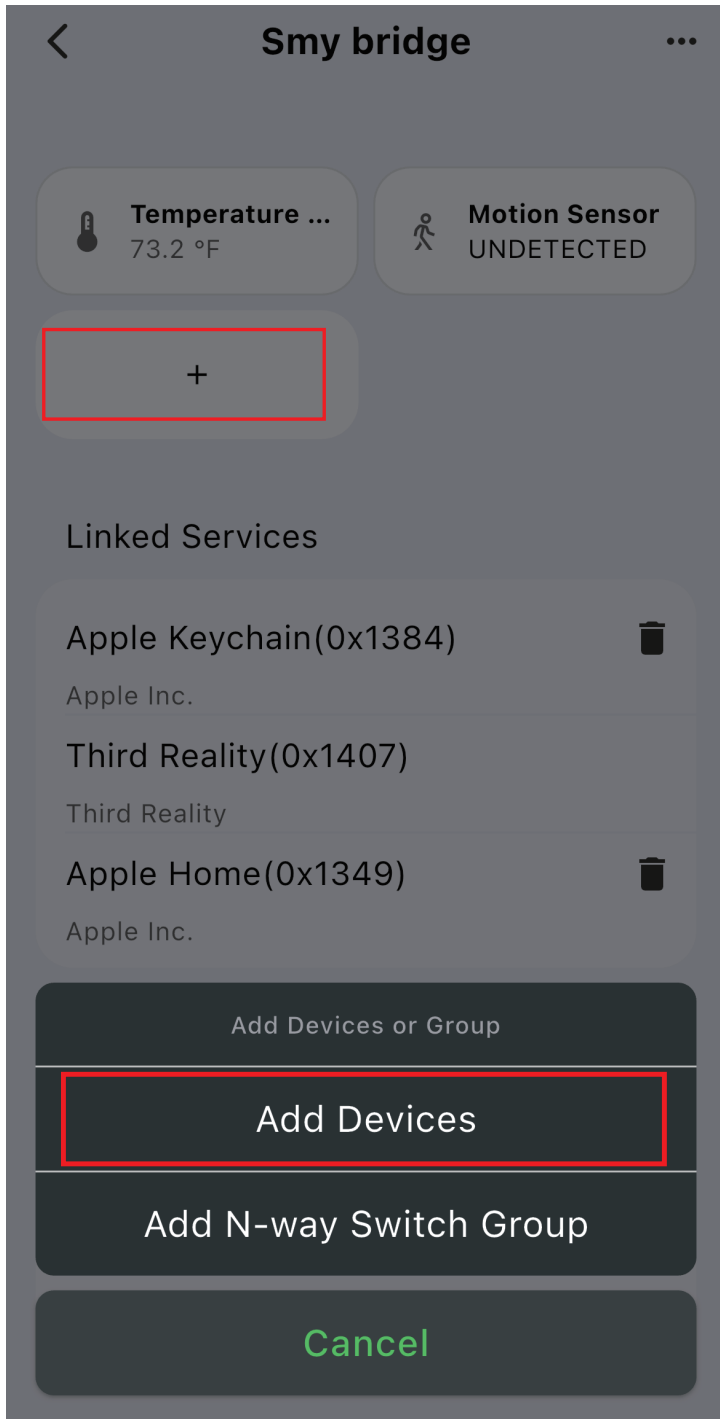
Device: Smart Bridge MZ1

App: 3R-Installer App



Pairing steps:

1. Open 3R-Installer App, Ensure your bridge is already set up within your smart home system.
2. Long press the internal reset button for 5 seconds until the red light is on, indicating that the device is in pairing mode.
3. The sensor will pair with the bridge, and a new device will appear in your smart home app.
4. After the pairing is successful, tap "Complete", then back to main interface.
5. Tap "Smart WaterLeak Sensor WL2" icon on device page, you can see the details. You can tap "Check Updates" to update the water-leak sensor to the latest version.



Pairing with Amazon Echo

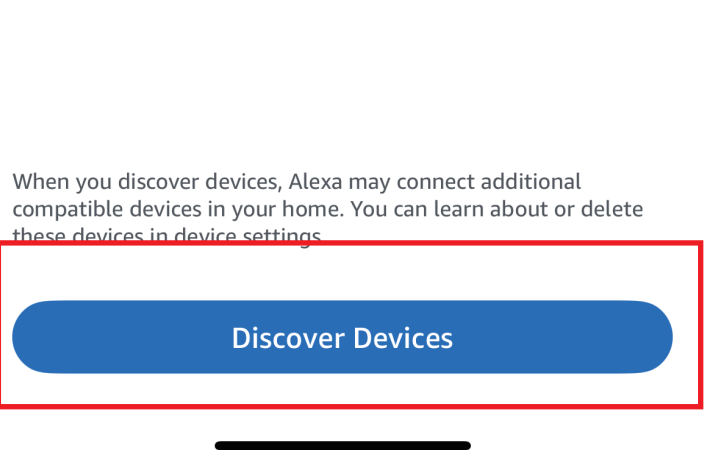
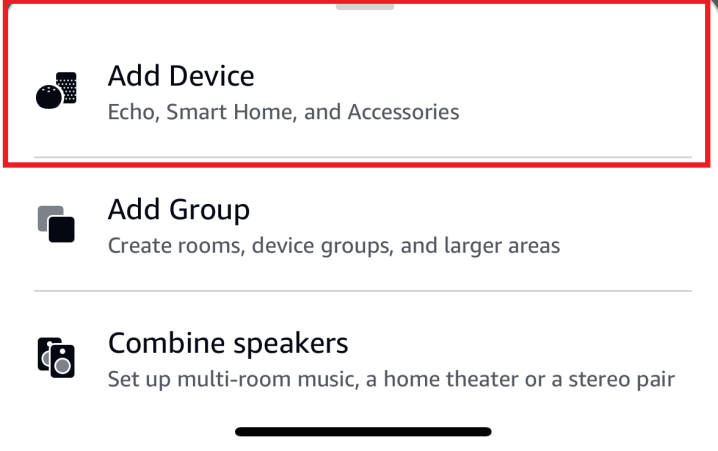
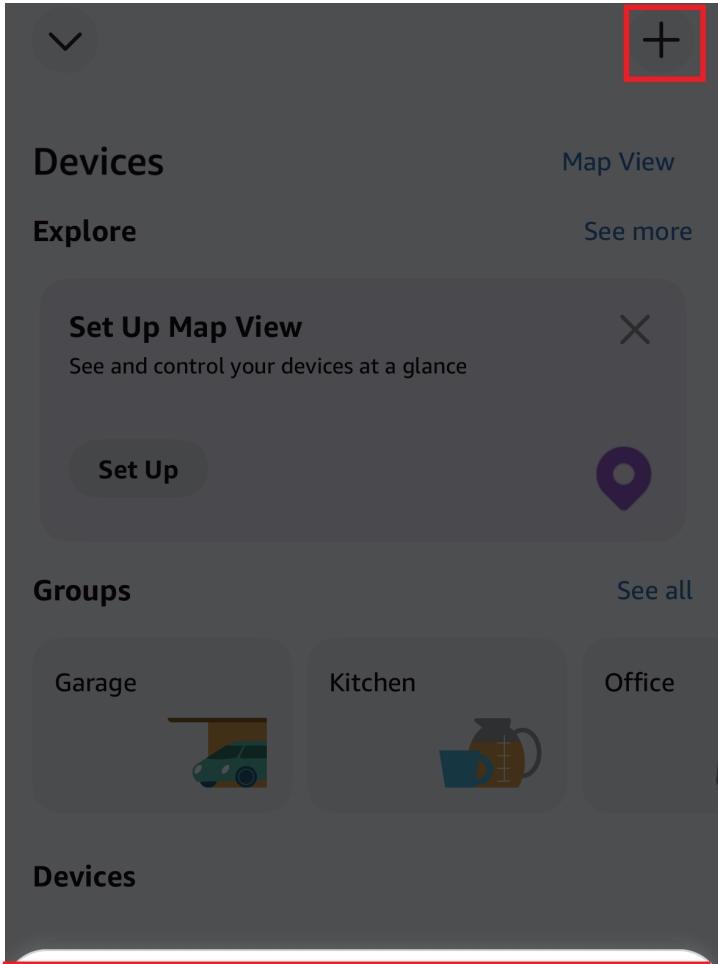
Compatible Device: Echo V4, Echo Plus V1 & V2,
Echo Studio, Echo Show 10 Gen2 & Gen3

App: Amazon Alexa App

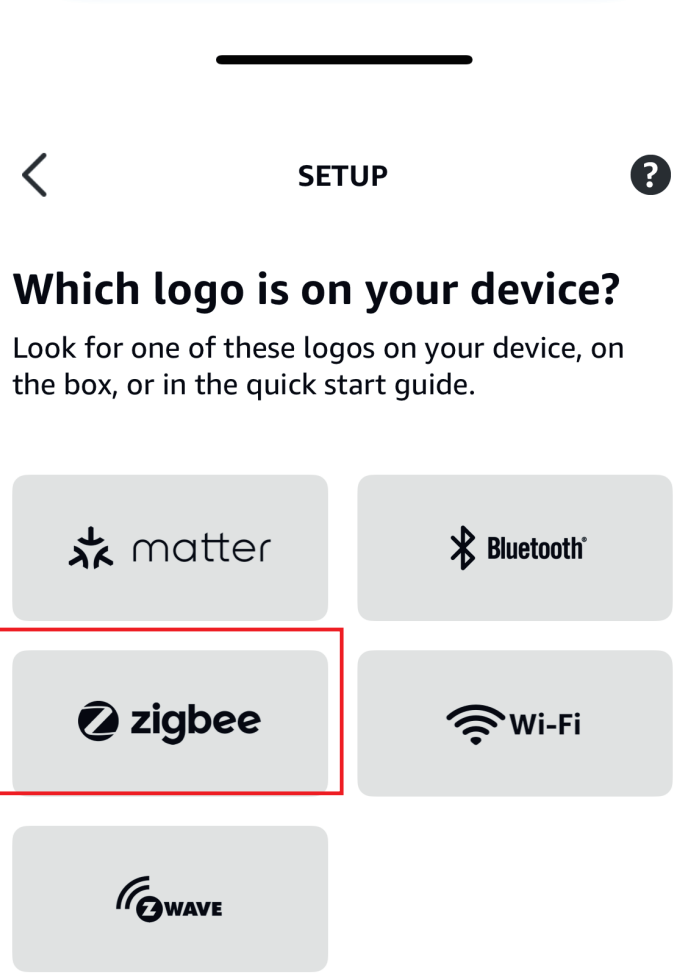
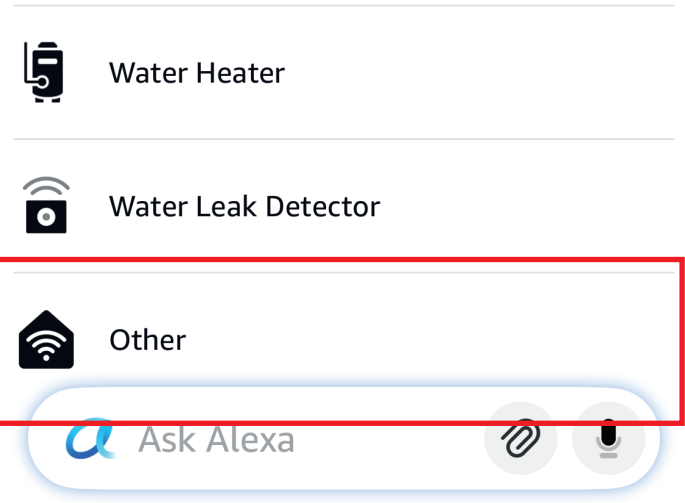


Pairing steps:

1. Make sure the app and the firmware of your Echo devices has been updated to the latest version.
2. Long press the internal reset button for 5 seconds until the red light is on, indicating that the device is in pairing mode.
3. Start adding devices by saying "Alexa, discover my devices", or open Alexa App, go to device page, tap "+" on top right, choose "Add Device", then click "other" by sliding down, tap "DISCOVER DEVICES", the sensor will be paired to Alexa within seconds.
4. After the pairing is successful, you can csee the details of the sensor.



When you discover devices, Alexa may connect additional compatible devices in your home. You can learn about or delete these devices in device settings.





1 Other contact sensor found and connected

Your contact sensor has been added to your Alexa account. Next, we'll help you finish setting up your device.

Next



First contact sensor is set up and ready to use

To control it, say

"Alexa, is First contact sensor open?"



Done

Devices



Device Type ▾

Sort By ▾



First contact sensor

• Recently added



Fifth water leak sensor

• Device is unresponsive



First contact sensor



Open

Today at 9:41 PM



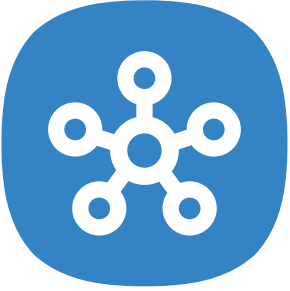
Create a Routine



Pairing with SmartThings

Compatible Devices: SmartThings Hub 2015 & 2018, Aeotec

App: SmartThings App



Pairing steps:

1. Make sure the app and the firmware of the SmartThings hub has been updated to the latest version before pairing.
2. Add SmartThings drivers for Third Reality Water Leak Sensor WL2
 - Open this link in your PC browser. Log in your SmartThings Account.
<https://bestow-regional.api.smarthings.com/invite/adMKr50EXzj9>
 - Click "Enroll" -- "Available Drivers" -- "Install" to install the device driver.



SmartThings

Channel Information

- Name
Third Reality
- Description
SmartThings driver for Third Reality devices
- [Terms of Service](#)

My Hubs

Aeotec Hub

My home

Unenroll

Available Drivers



SmartThings

Third Reality

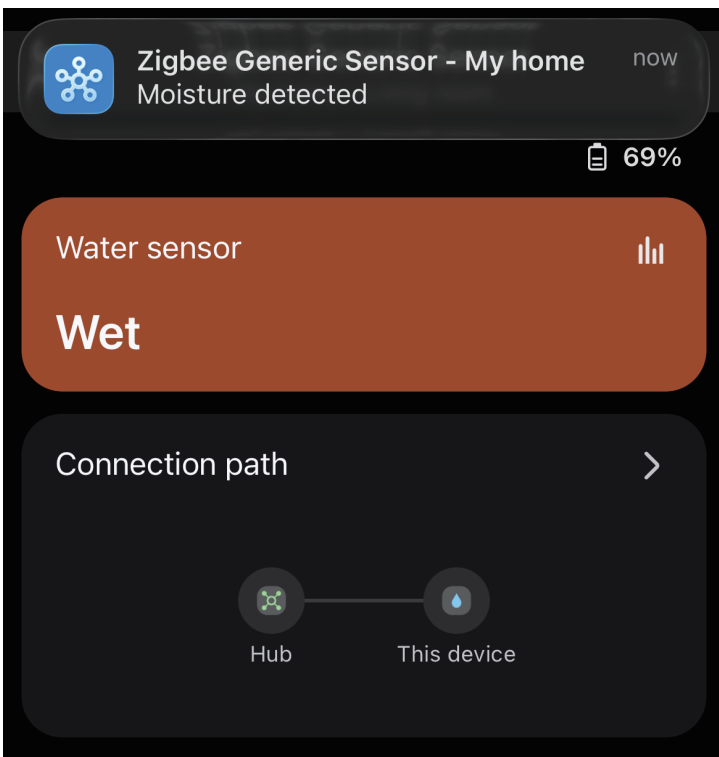
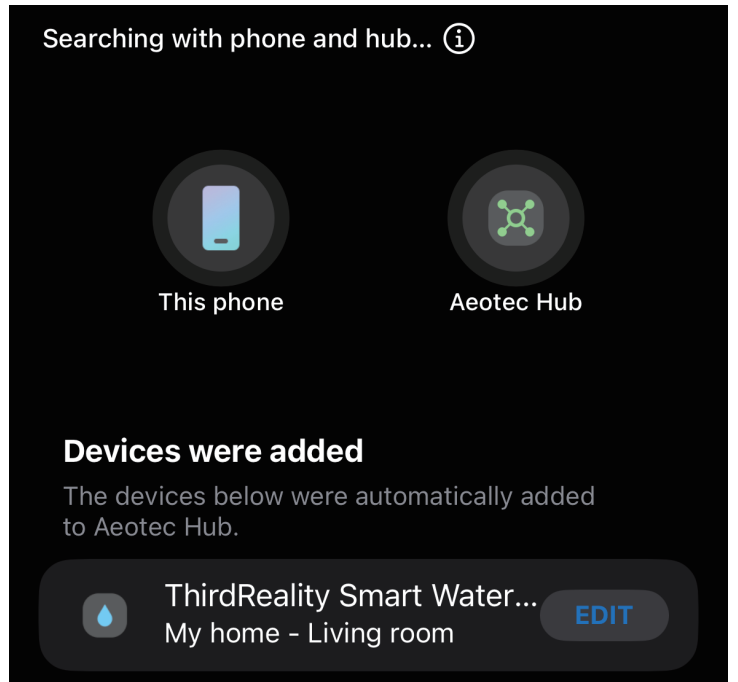
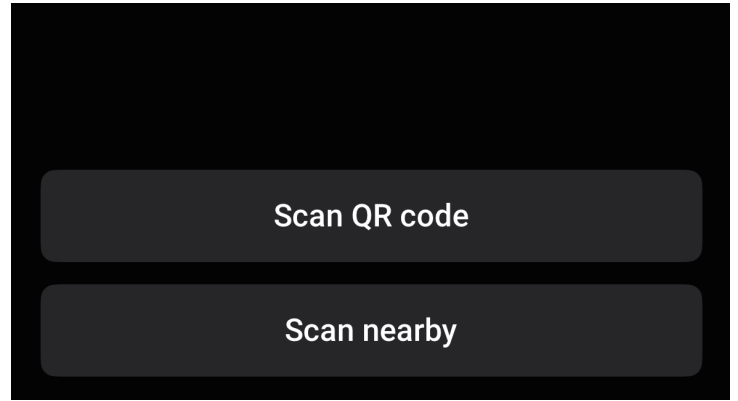
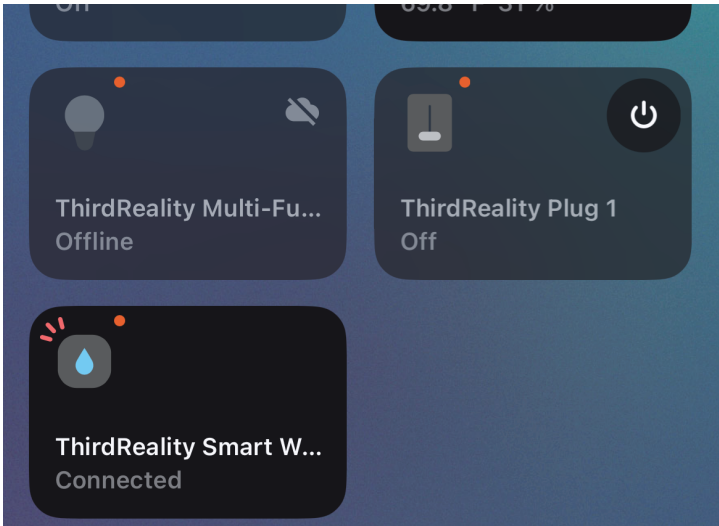
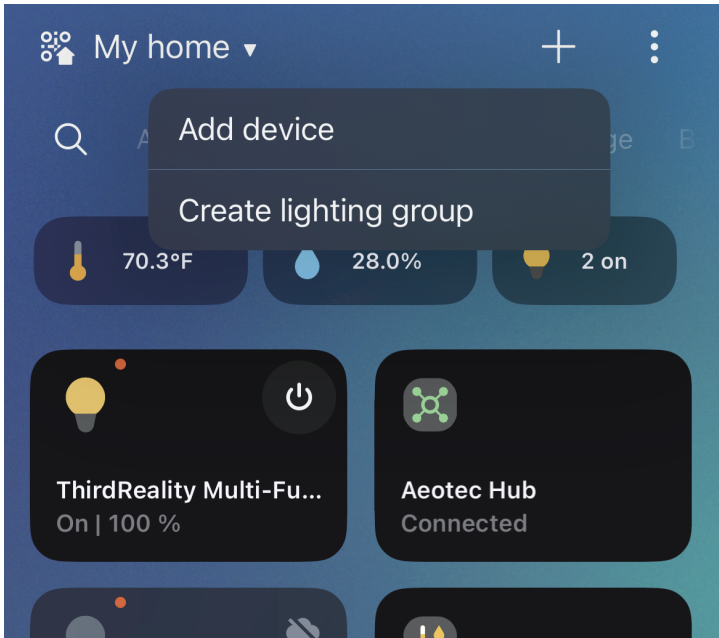
Aeotec Hub

My home

- Name
Thirdreality Water Leak Sensor
- Description
SmartThings driver for Thirdreality water leak sensor devices
- Permissions
 - zigbee: Enable full access to Zigbee actions

Install

3. Long press the internal reset button for 5 seconds until the red light is on, indicating that the device is in pairing mode.
4. Open SmartThings App, tap "+" on top right. Then click "Add Devices", Choose "Scan nearby", the sensor will be added within seconds.
5. You can control the device in its details page now.
6. You also can make your Smart Water Leak Sensor WL2 smarter by adding automations in the SmartThings App.



Pairing with Hubitat

Website: <http://find.hubitat.com/>



Pairing steps:

1. Press and hold the internal reset button for 5 seconds until the red light turns on. Release the button and the blue light flashes quickly-this means the sensor is now in pairing mode.
2. Log in the website, click "Connect to Hub".
3. Click "Devices", "Add", "Add Devices Manually", "ZigBee", then "Start ZigBee Pairing".
4. After the pairing is successful, it will show on page as "Air Pressure Sensor". Click "Label" to rename the Air Pressure Sensor and then tap "save".
5. Go to the Device page, you will see the Air Pressure Sensor and then click in, you will see the details about the device.

Hubitat C7 > Devices

[+ Add device](#) [Compatible devices](#)

Label (Name) [1]	Disabled	Type [1]	Room [1]	DNI [1]	Status [1]	Last Activity [1]	[1]
> 3RSP0186Z <small>(Third Reality dual plug)</small>	<input type="checkbox"/>	Third Reality dual plug		70E1 <small>4CE1753221300000</small>		1/14/2026 2:14:37 pm	
3RSP02064Z <small>(Third Reality plug)</small>	<input type="checkbox"/>	Third Reality plug		F80E <small>4CE1753224800000</small>		1/14/2026 2:49:12 pm	
3RSP02066Z <small>(Third Reality plug)</small>	<input type="checkbox"/>	Third Reality plug		3338 <small>4CE1753223080000</small>		1/14/2026 1:32:17 pm	
> 3RSPJ0187Z <small>(Third Reality dual plug)</small>	<input type="checkbox"/>	Third Reality dual plug		5A67 <small>4CE1753225810000</small>		1/14/2026 2:14:12 pm	
Generic Zigbee Moisture Sensor (no temp)	<input type="checkbox"/>	Generic Zigbee Moisture Sensor (no temp)		1A2E <small>4CE1753226A20000</small>		2/03/2026 2:13:42 pm	
Generic Zigbee Outlet	<input type="checkbox"/>	Generic Zigbee Outlet		E889 <small>390C028FFEB9191</small>			
> Third Reality dual plug	<input type="checkbox"/>	Third Reality dual plug		3876 <small>4CE1754C07770000</small>		1/15/2026 1:41:24 pm	
water (device)	<input type="checkbox"/>	Generic Zigbee Motion Sensor (no temp)		9ED4 <small>390C028FFEB9191</small>		1/29/2026 12:42:40 am	83%

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Hubitat C7 > Devices > Add device

Find by device type
Bulbs, dimmers, locks, outlets, switches...

Find by brand
Aeotec, Bosch, Centralite, Dome, Ecolink...

Add device manually:

Zigbee Z-Wave Matter Iris V1 Zigbee

Virtual

Matter is disabled. Enable now.

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Hubitat C7 > Devices > Add device

Home - Zigbee Cancel

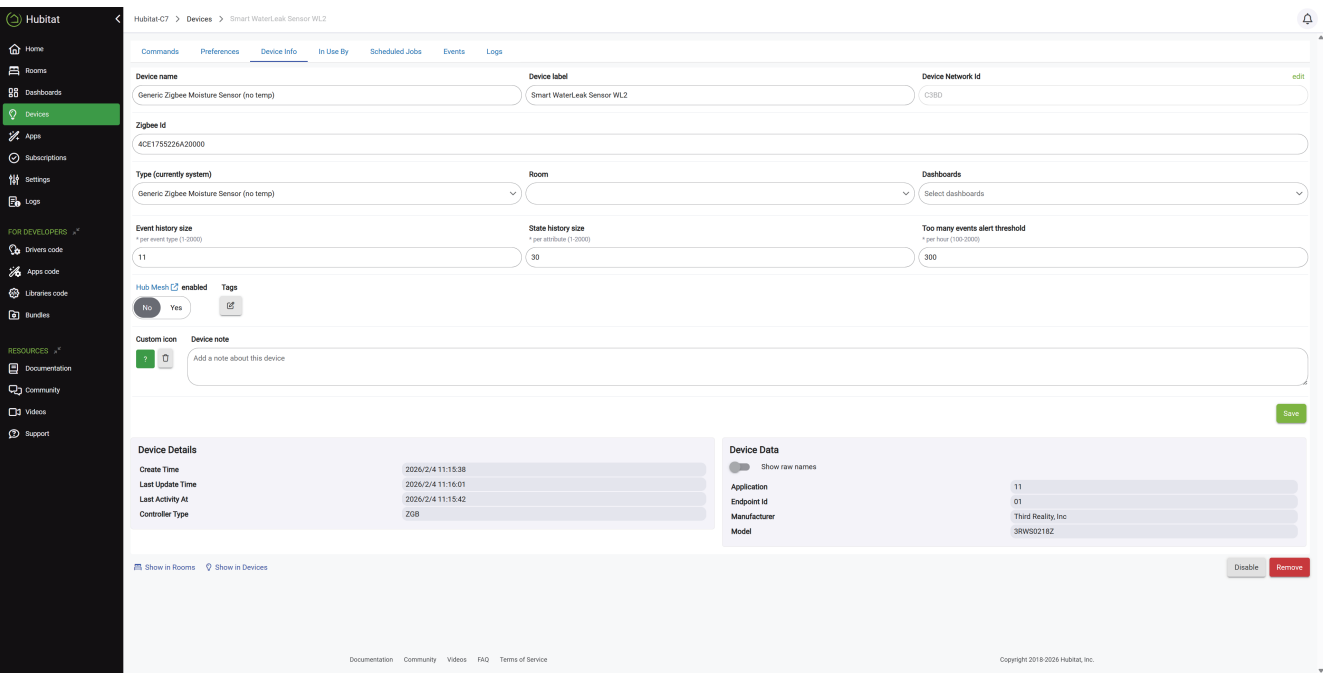
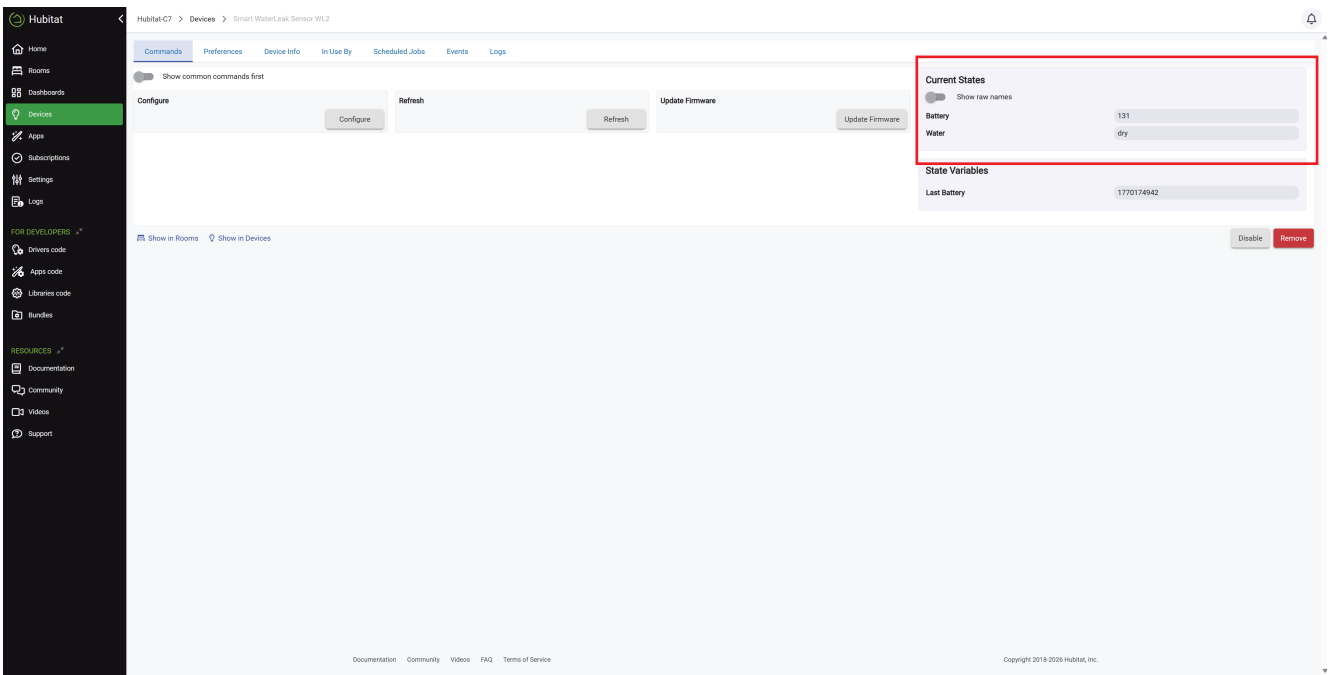
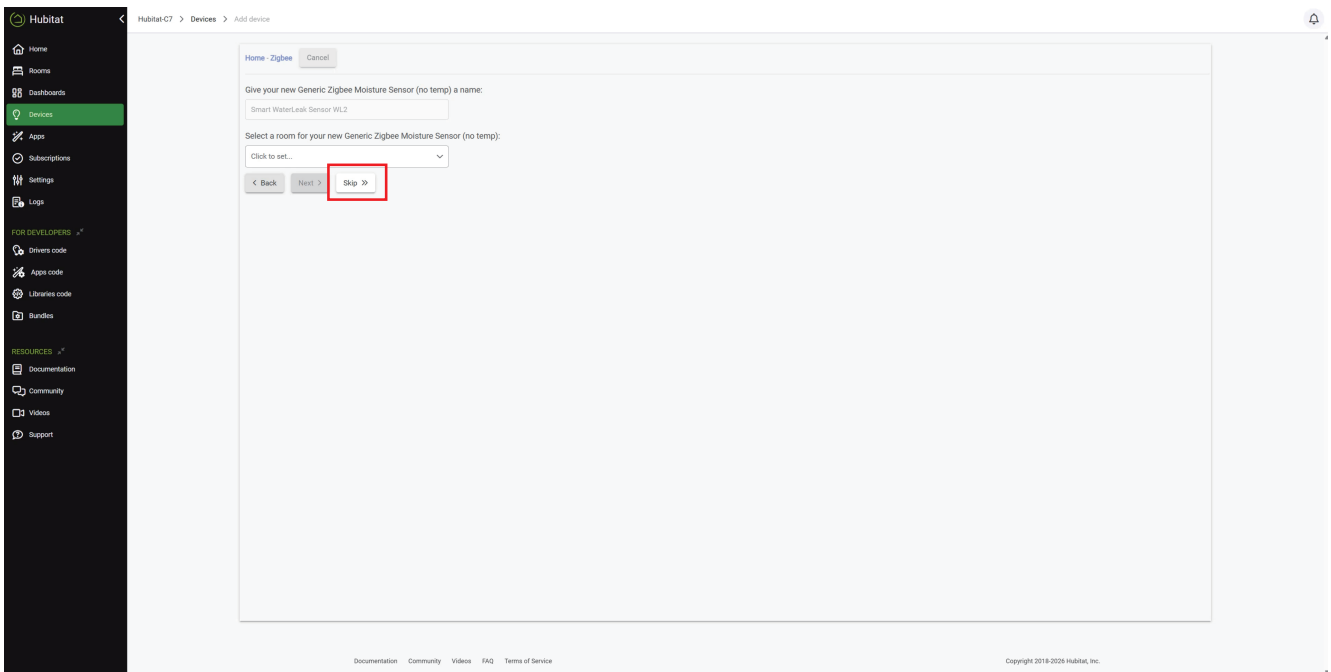
Check device manual for factory reset instructions.

Click Start Zigbee pairing button and WAIT until status shows "Pairing".

Once status shows "Pairing", factory reset the device.

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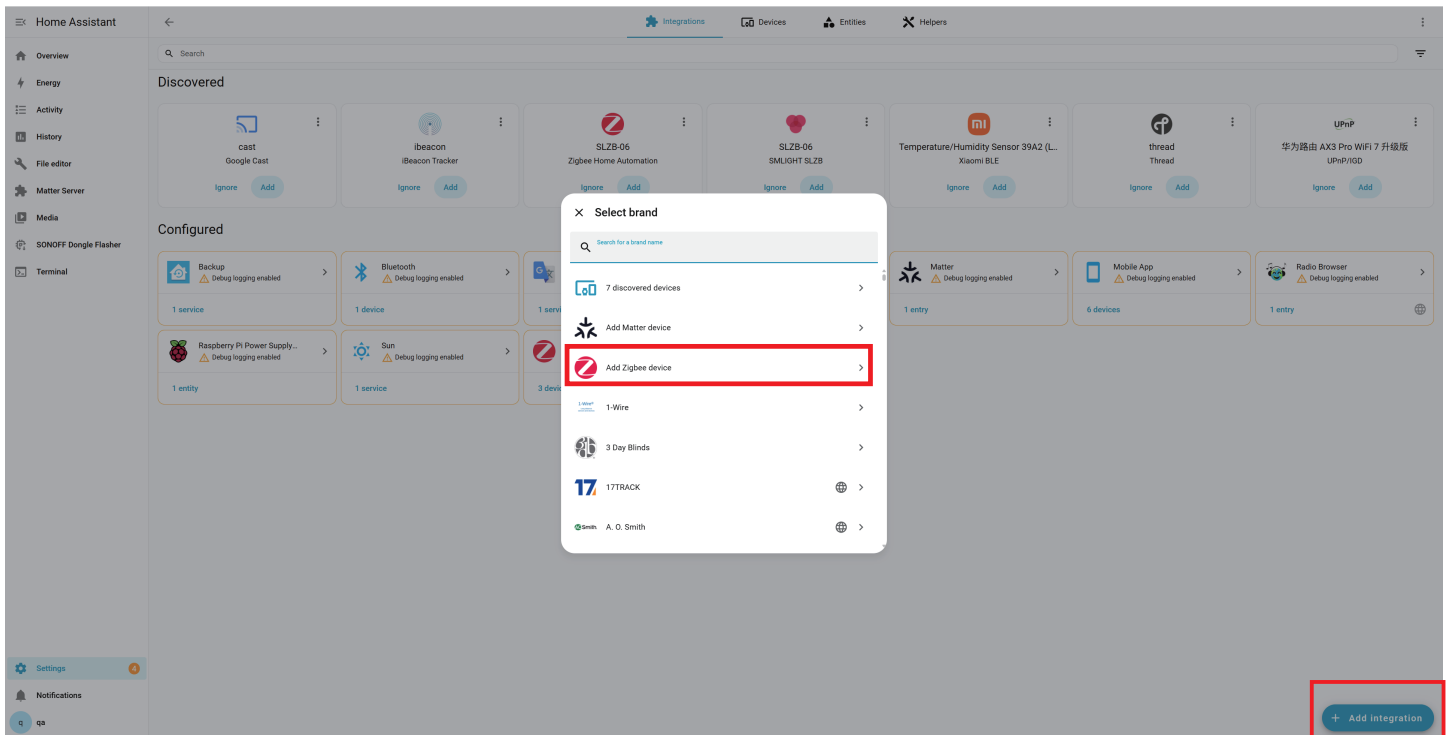
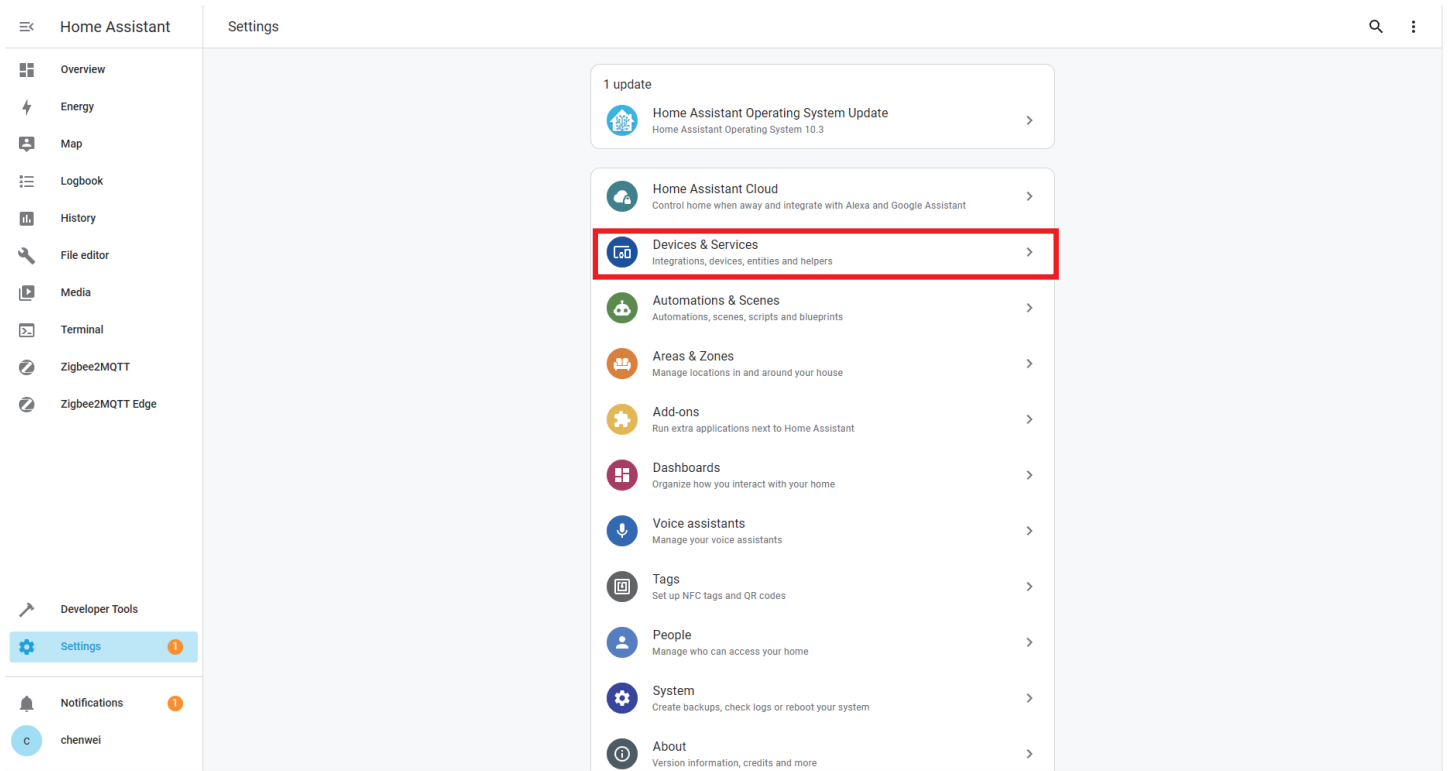
Pairing with Home Assistant

Device: Zigbee dongle



Zigbee Home Automation

1. Long press the internal reset button for 5 seconds until the red light is on, indicating that the device is in pairing mode.
2. In Zigbee Home Automation, go to “Configuration” page, click “integration”. Then click the “Devices” on the Zigbee item, then click “Add Devices”.
3. After the pairing is successful, it will be shown as "Third Reality, Inc 3RWS0218Z" on the page.
4. Back to "Devices & Services" page, click the device list under the "Hub Smart Home Controller" button, then you can find the Smart Water Leak Sensor WL2 added before. Click to enter in the control interface to operate the Smart Water Leak Sensor WL2.
5. You can add "Automated Actions" and check device status on the "Device" page.



- Overview
- Energy
- Activity
- History
- File editor
- Matter Server
- Media
- SONOFF Dongle Flasher
- Terminal

Settings

Notifications

qs

Home Assistant

- Overview
- Energy
- Activity
- History
- File editor
- Matter Server
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- Terminal

Settings

Notifications

qs

Home Assistant

- Overview
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- Activity
- History
- File editor
- Matter Server
- Media
- SONOFF Dongle Flasher
- Terminal

Settings

Notifications

qs

Searching for Zigbee devices...

Initialization complete
The device is ready to use

3RWS0218Z
by Third Reality, Inc

Change device name
Third Reality, Inc 3RWS0218Z

Area

Device found
Starting interview

IEEE: b4:0e:06:0f:ef:e0:ea:9b
NWK: 0x4551

Integrations Devices Entities Helpers

Filters Search 4 devices Group by Sort by Device

Device	Area	Integration	Manufacturer	Model	Battery
60C V30		Zigbee Home Automation	Third Reality, Inc	3RPL01084Z	-
60C V30 2		Zigbee Home Automation	Third Reality, Inc	3RPL01084Z	-
Texas Instruments CC2652		Zigbee Home Automation	Texas Instruments	CC2652	-
Third Reality, Inc 3RWS0218Z		Zigbee Home Automation	Third Reality, Inc	3RWS0218Z	-

+ Add device

Third Reality, Inc 3RWS0218Z



Device info

3RWS0218Z
by Third Reality, Inc
Connected via [Texas Instruments CC2652](#)
Firmware: 0x00000011
Zigbee: 4C:E1:75:52:26:A2:00:00

Zigbee info

- Zigbee Home Automation

Reconfigure

Automations

No automations have been added using this device yet. You can add one by pressing the + button above.

Scenes

No scenes have been added using this device yet. You can add one by pressing the + button above.

Scripts

No scripts have been added using this device yet. You can add one by pressing the + button above.

Sensors

Third Reality, Inc 3RWS0218Z Dry

Add to dashboard

Configuration

Firmware Unknown

Add to dashboard

Diagnostic

Battery Unknown

Confirm Press

+2 disabled entities

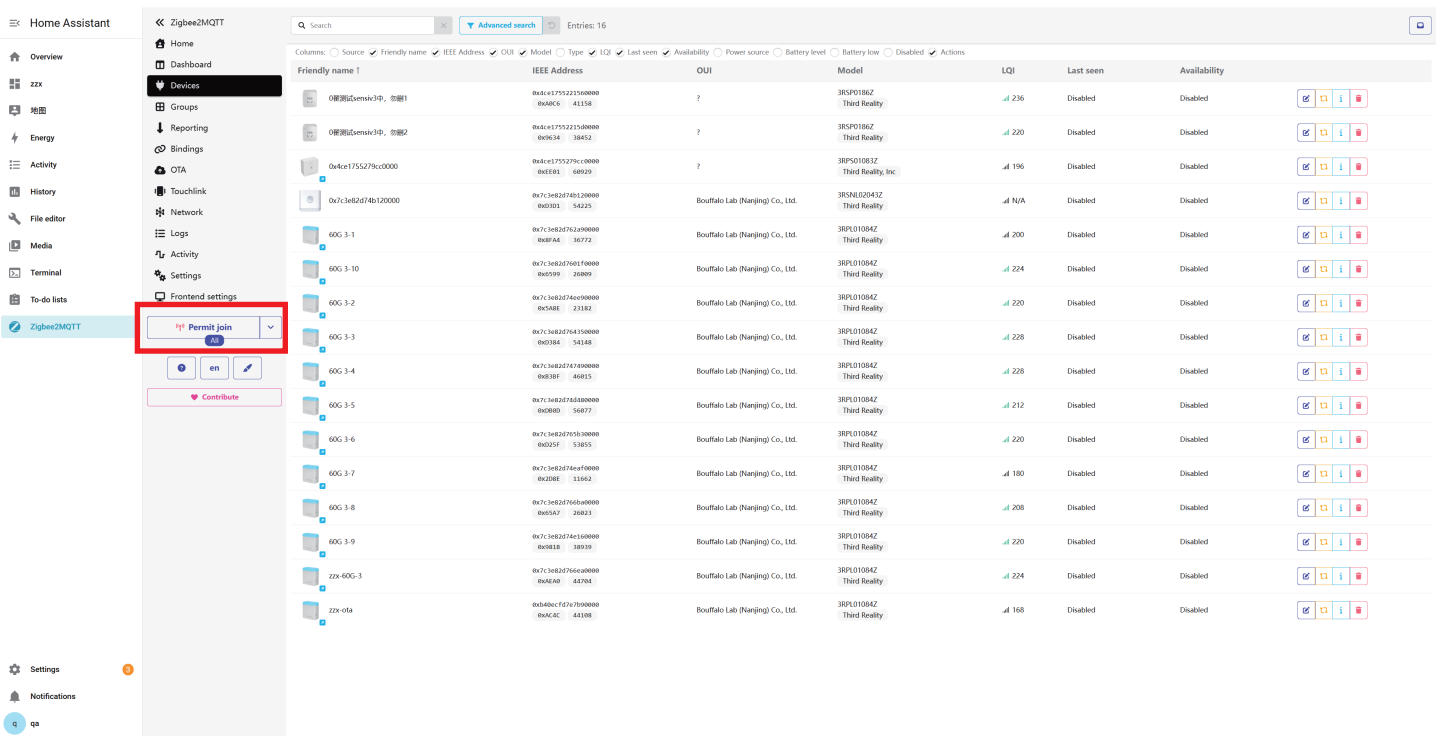
Add to dashboard

Activity

No activity found.

Zigbee2MQTT

1. Long press the internal reset button for 5 seconds until the red light is on, indicating that the device is in pairing mode.
2. Permit join to start Zigbee pairing in Zigbee2MQTT.
3. After the pairing is successful, it will be shown as "Smart WaterLeak Sensor WL2" on the page.
4. Back to "Devices" page, then you can find the Smart WaterLeak Sensor WL2 added before. Click to enter in the control interface to operate the Smart WaterLeak Sensor WL2.
5. You can add "Automated Actions" and check device status on the "Device" page.



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- zzx
- 地图
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- Terminal
- To-do lists
- Zigbee2MQTT
- Settings
- Notifications

Home Assistant Zigbee2MQTT interface sidebar menu:

- Home
- Dashboard
- Devices
- Groups
- Reporting
- Bindings
- OTA
- Touchlink
- Network
- Logs
- Activity
- Settings
- Frontend settings

Permit join: en [Contribute](#)

Friendly name	IEEE Address	OUI	Model	LQI	Last seen	Availability	Actions
0x4c1755226a20000	0x4c1755226a20000 0x0A0C6 41158	?	3RSP0186Z Third Reality	176	Disabled	Disabled	edit info remove
0x4c1755226a20000	0x4c1755226a20000 0x09634 38452	?	3RSP0186Z Third Reality	220	Disabled	Disabled	edit info remove
0x4c1755226a20000	0x4c1755226a20000 0x08C7 48839	?	3RSP0186Z Third Reality	168	Disabled	Disabled	edit info remove
0x7c3e82d74b12000	0x7c3e82d74b12000 0x05051 54225	Bouffalo Lab (Nanjing) Co., Ltd.	3RFL01084Z Third Reality	N/A	Disabled	Disabled	edit info remove
0x7c3e82d7666d000	0x7c3e82d7666d000 0x05E59 60584	Bouffalo Lab (Nanjing) Co., Ltd.	3RFL01084Z Third Reality	148	Disabled	Disabled	edit info remove
60C 3-1	0x7c3e82d76349000 0x08F64 36773	Bouffalo Lab (Nanjing) Co., Ltd.	3RFL01084Z Third Reality	208	Disabled	Disabled	edit info remove
60C 3-10	0x7c3e82d7601f000 0x05999 26809	Bouffalo Lab (Nanjing) Co., Ltd.	3RFL01084Z Third Reality	216	Disabled	Disabled	edit info remove
60C 3-2	0x7c3e82d760e9000 0x05458 23182	Bouffalo Lab (Nanjing) Co., Ltd.	3RFL01084Z Third Reality	216	Disabled	Disabled	edit info remove
60C 3-3	0x7c3e82d76345000 0x08384 54148	Bouffalo Lab (Nanjing) Co., Ltd.	3RFL01084Z Third Reality	232	Disabled	Disabled	edit info remove
60C 3-4	0x7c3e82d76340000 0x08251 60825	Bouffalo Lab (Nanjing) Co., Ltd.	3RFL01084Z Third Reality	224	Disabled	Disabled	edit info remove
60C 3-5	0x7c3e82d76348000 0x088D0 56877	Bouffalo Lab (Nanjing) Co., Ltd.	3RFL01084Z Third Reality	212	Disabled	Disabled	edit info remove
60C 3-6	0x7c3e82d76350000 0x05251 53825	Bouffalo Lab (Nanjing) Co., Ltd.	3RFL01084Z Third Reality	192	Disabled	Disabled	edit info remove
60C 3-7	0x7c3e82d7602f000 0x0528E 33602	Bouffalo Lab (Nanjing) Co., Ltd.	3RFL01084Z Third Reality	180	Disabled	Disabled	edit info remove
60C 3-8	0x7c3e82d7603b000 0x05657 30623	Bouffalo Lab (Nanjing) Co., Ltd.	3RFL01084Z Third Reality	228	Disabled	Disabled	edit info remove
60C 3-9	0x7c3e82d76030000 0x09384 38939	Bouffalo Lab (Nanjing) Co., Ltd.	3RFL01084Z Third Reality	236	Disabled	Disabled	edit info remove
zzx-60C-3	0x7c3e82d760ee000 0x0AE40 44704	Bouffalo Lab (Nanjing) Co., Ltd.	3RFL01084Z Third Reality	232	Disabled	Disabled	edit info remove
zzx-ota	0x4c00c4f67030000 0x0A0C6 44188	Bouffalo Lab (Nanjing) Co., Ltd.	3RFL01084Z Third Reality	168	Disabled	Disabled	edit info remove

device/remove: OK (jmkb-6)

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- 地图
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Home Assistant Zigbee2MQTT interface sidebar menu:

- Home
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- OTA
- Touchlink
- Network
- Logs
- Activity
- Settings
- Frontend settings

Permit join: en [Contribute](#)

Zigbee2MQTT device details for 0x4c1755226a20000:

- About
- Exposes
- Bind
- Reporting
- Settings
- Settings (specific)
- State
- Clusters
- Groups
- Scene
- Dev console

Exposes:

- Water leak: Indicates whether the device detected a water leak. [Clear](#)
- Battery: Remaining battery in %. **62 %**
- Linkquality: Link quality (signal strength). **176 lqi**

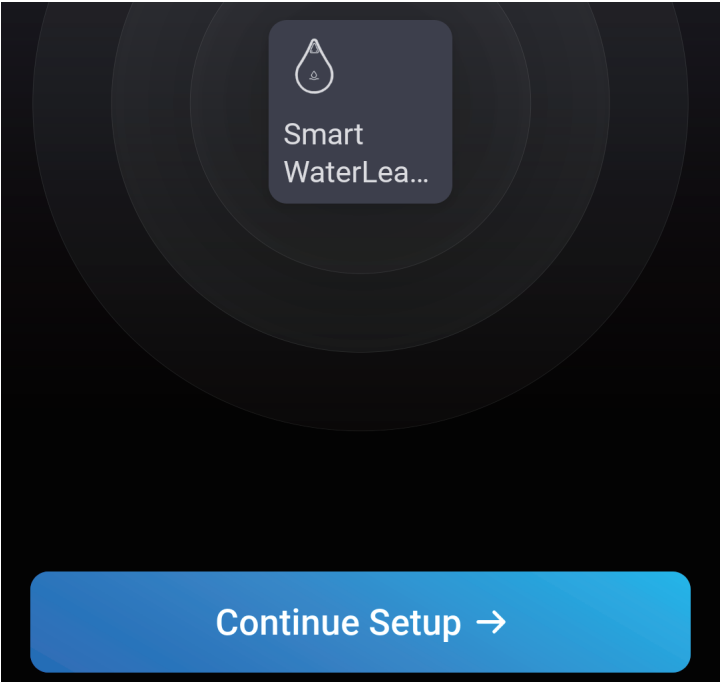
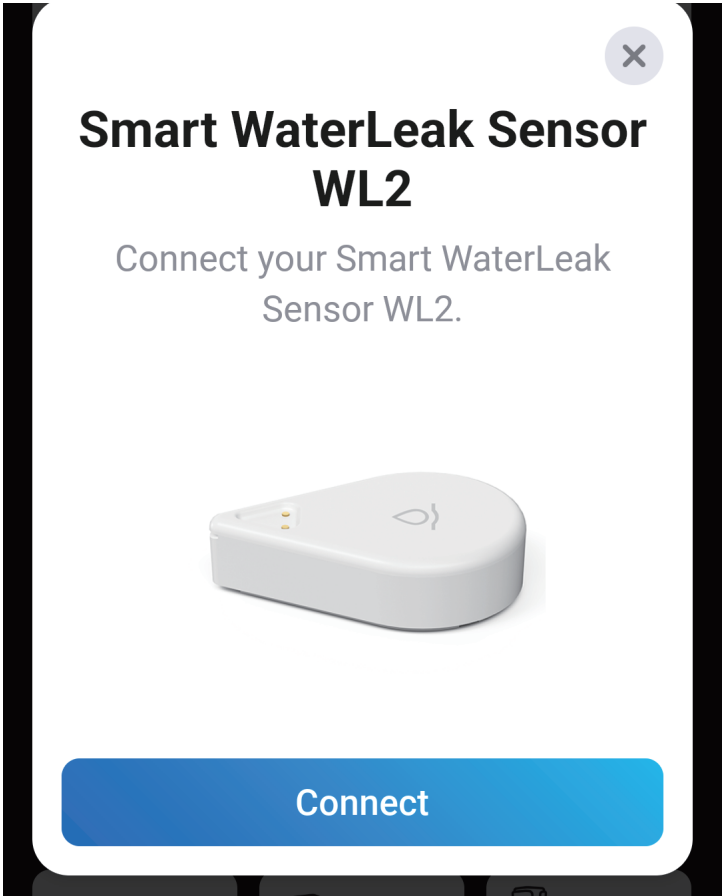
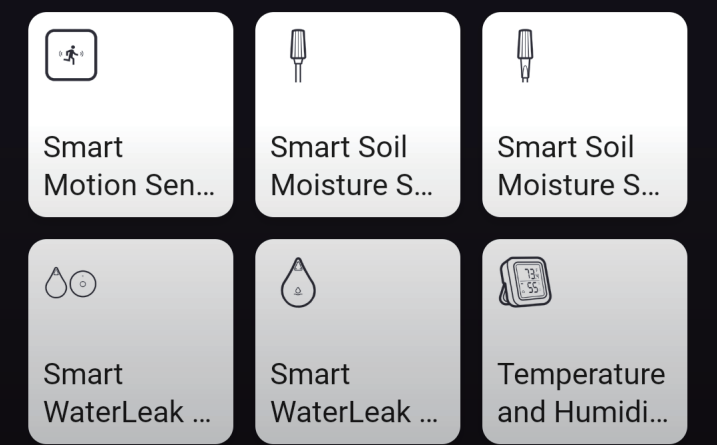
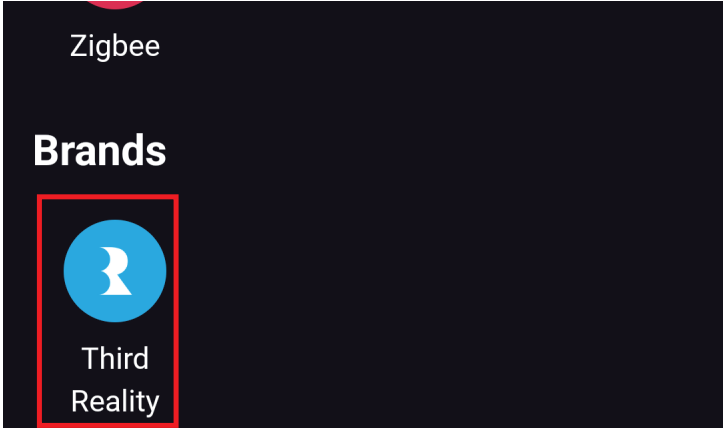
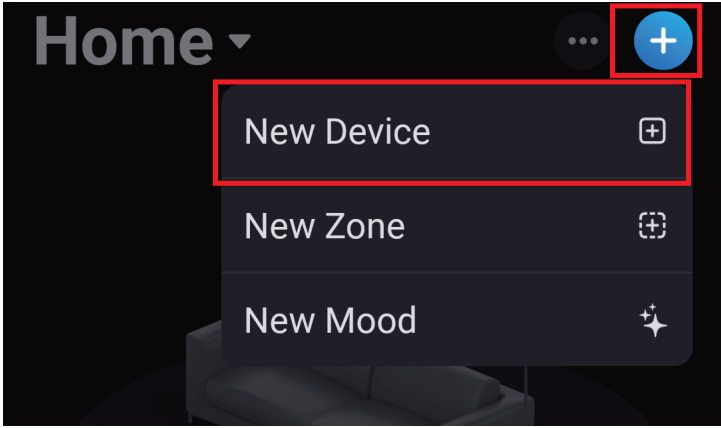
Pairing with Homey

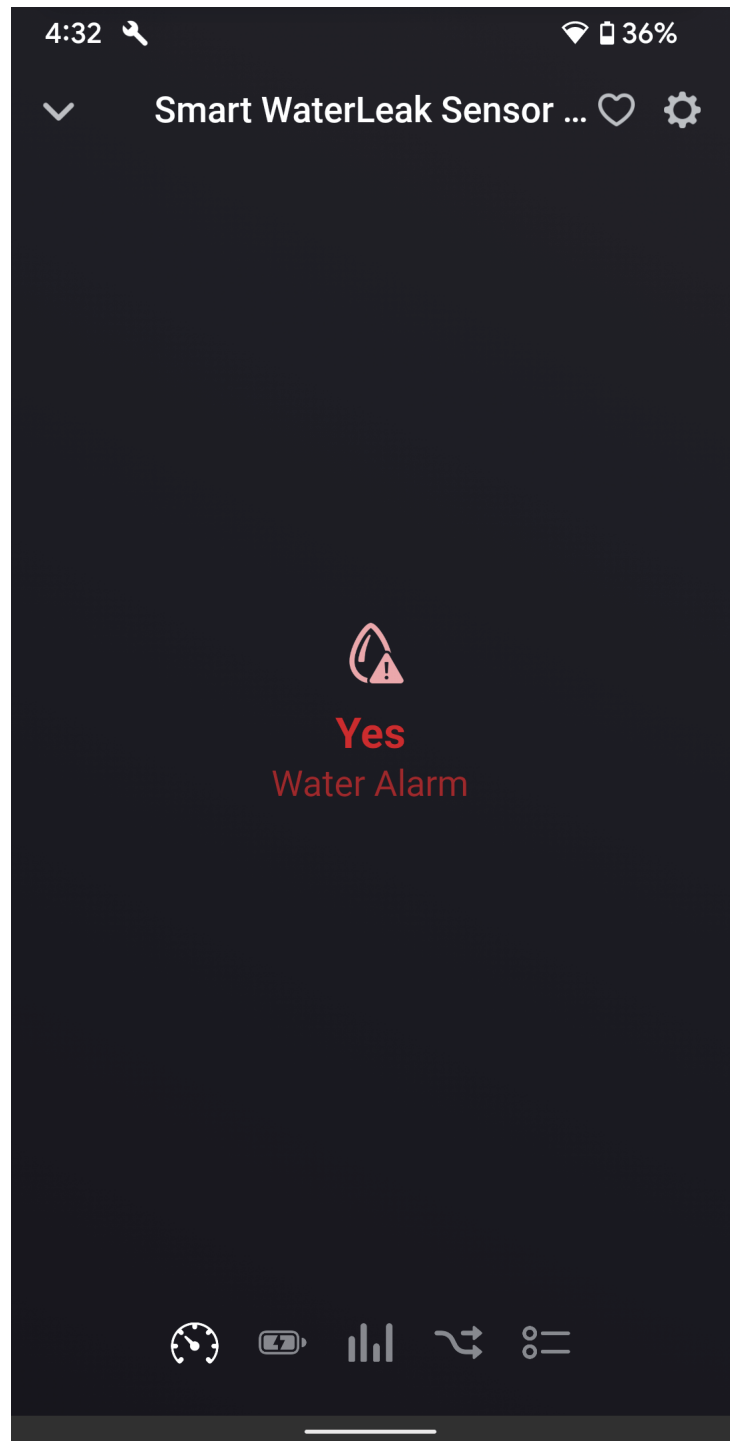
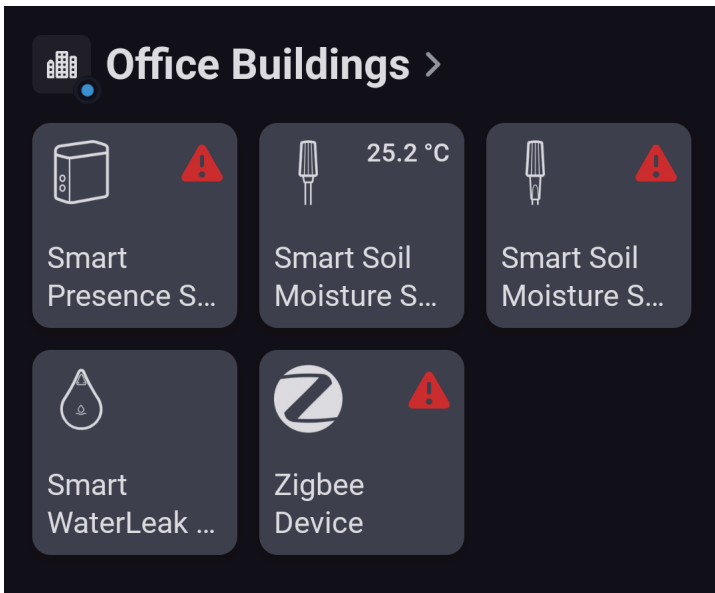
App: Homey

Devices: Homey Pro, Homey Bridge



1. Install the Third Reality App in your Homey App.
2. Long press the internal reset button for 5 seconds until the red light is on, indicating that the device is in pairing mode.
3. Tap "+" in the Devices, tap → "New Device" → "Third Reality" → "Smart Water Leak Sensor WL2" → "Connect" and follow the instruction to add device.
4. After the pairing is successful, you can see details and create routines on the "Device" page.





FCC Regulatory Conformance

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.

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.
- Consult the dealer or an experienced radio/TV technician for help important announcement.

NOTE: The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.

RF Exposure

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment.

This equipment should be installed and operated with minimum distance 20cm between the radiator and your body.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Limited Warranty

For limited warranty, please visit

<https://thirdreality.com/faq-help-center/>

For customer support, please contact us at info@3reality.com or visit www.thirdreality.com

For questions on other platforms, visit the corresponding platform's application/support platform.