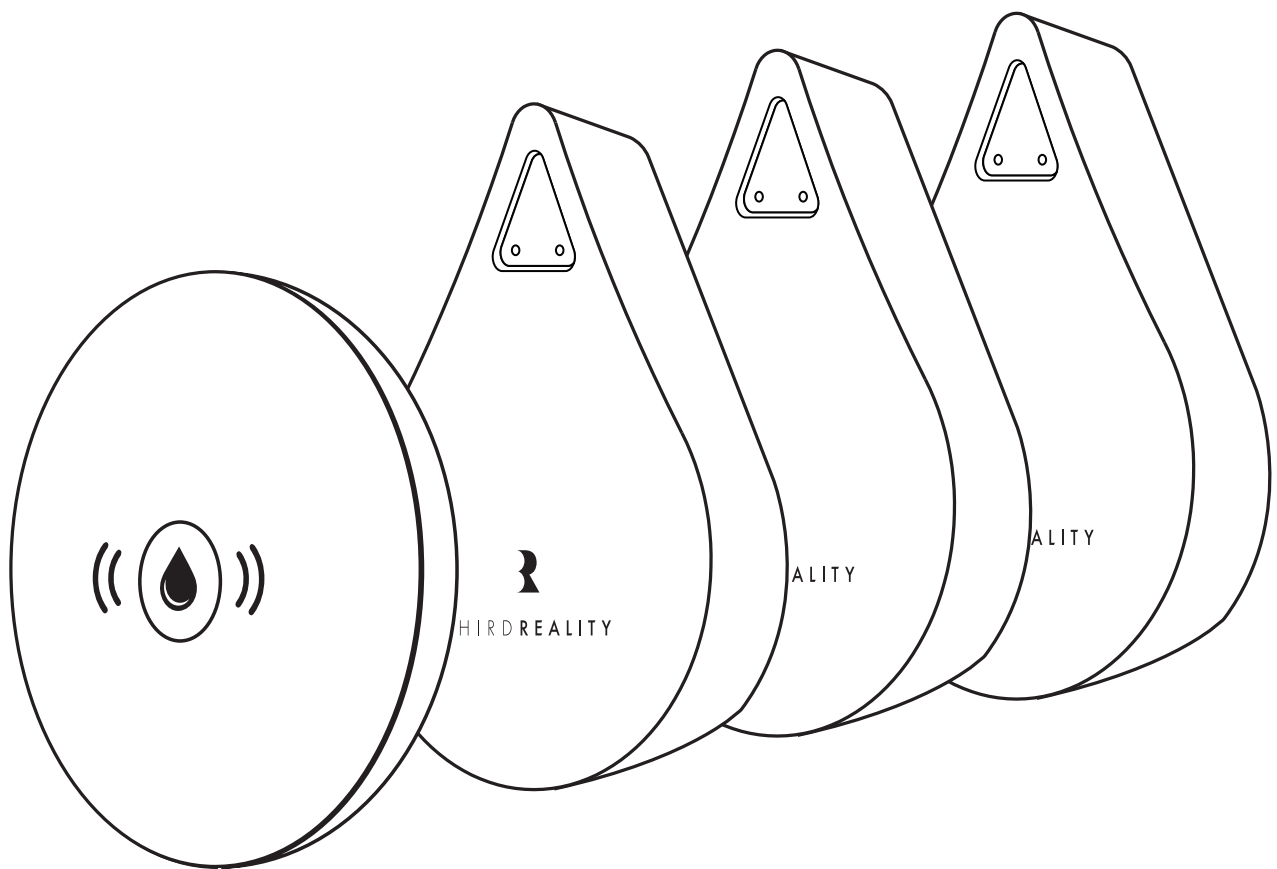


# Smart WaterLeak Sensor Kit

## User Manual

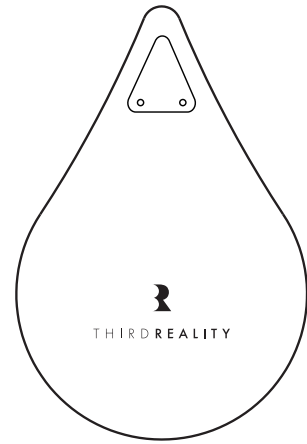
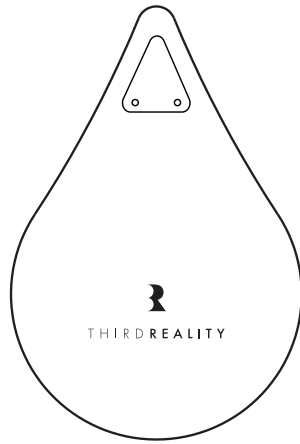
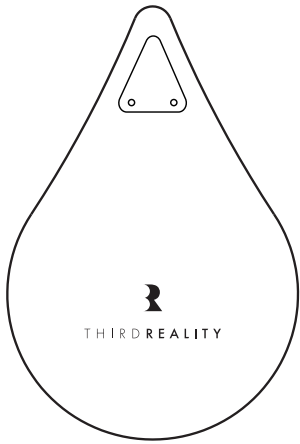


THIRDREALITY

# Contents

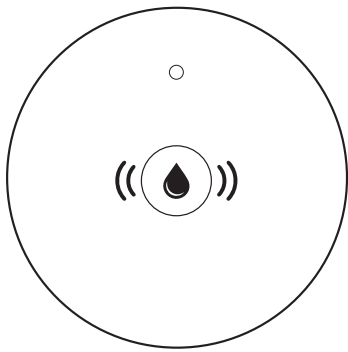
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# Package Contents



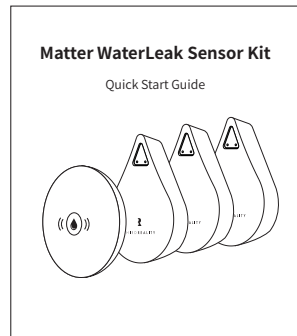
Water Leak Sensor

×3



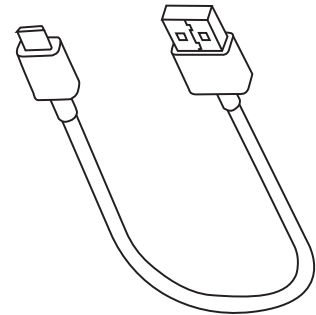
Main Controller

×1



Quick Start Guide

×1



USB Type-C Cable

×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.

# Product Overview

The Smart WaterLeak Sensor Kit is a smart home device designed to detect water leaks or drips. It helps prevent property damage by activating alarms and sending alerts via your Matter-compatible smart home system.

## Product Specifications

Controller:	
Power Input	5V/1A [Type-C interface]
Alarm Volume	100dB
Wireless Protocol	Matter over Wi-Fi
Max. number of connected sensors	Up to 10 units
Recommended Distance	Place the controller within 20 meters of the router.
Sensor:	
Input	3V
Recommended Distance	Place each sensor within 100 meters of the controller.

# LED Indicator Reference

## Main Controller Unit

LED Status	Description
Flashing <b>slowly</b> in Blue	Matter Pairing Mode
Flashing <b>rapidly</b> in Blue	Connecting to Main Controller
Off	Normal operation/ connected
Solid Blue	Press the button once to enter sub-device binding mode. The mode remains active for 3 minutes. Press the button again to exit before timeout.
Blue light flashes 3 times	Sub-device Successfully Bound: • Blue LED: 3 flashes • Buzzer: 3 beeps
Flashing rapidly in Red	Device Error / Abnormal Condition
Flashing in Red and Blue	The alarm is triggered, accompanied by the buzzer beeping.

## Sensor Unit

LED Status	Description
Flashes once every 30 seconds	Low Battery
Off	Normal operation
Flashing <b>slowly</b> in Red	Water leak detected
Flashing <b>rapidly</b> in Red	Ready to pair with the Main Controller

# Installation Instructions

## 1. Main Controller Installation

- Connect the controller to a 5V/1A power adapter(not included) using the TypeA-C cable provided in the package. Once powered on, the LED indicator will light up.
- Place the controller in a central location of your home or within 20 meters of your Wi-Fi router for a stable signal.
- You can turn the alarm on or off by manually switching between ON and OFF.

**Note:** Avoid installing the controller inside metal cabinets or near strong interference sources (e.g., microwave ovens).This may weaken or block the wireless signal.

## 2. Sensor Unit Preparation

### 1) Pair with the Main Controller

Open the sensor cover, then install the battery(not included) to activate the sensor. Place the sensor in locations where water leaks are likely to occur or where you wish to monitor for potential leakage. Three Sensor Units are included in the package — no setup required. Just power on and use.

## 2) **Add additional sensor (purchased separately)**

- Bind the sensor to the controller

A. Press the central button of the main controller unit one time, the blue light will stay on. Then press the internal button of the sensor unit one time. The controller will flash the blue light three times rapidly when the binding is successful.

B. Follow the on screen instructions in the 3R-Installer app to scan or enter the ID number of the sensor unit, you will be able to add new sensors to the controller.

- After successful binding, you need to reconnect the controller to the platform to display it in the app.

**Tip: Any devices that were previously added manually (excluding those included in the original kit) should be rebound as sub-devices before pairing again.**

## 3. **Factory Reset & Deep Factory Reset**

- **Factory Reset (Normal Use)**

Press and hold for 5s until the red light turns on, the device will be restored to factory settings and clear the network configuration.

- **Deep Factory Reset**

Press and hold for 30 seconds until the red light flashes. This operation will clear all data, network settings, pairing information, and user configurations of the device, including the pre-paired sensor units in the package.

#### 4. **Binding the controller to a Matter Platform**

- Ensure the Main Controller is powered on.
- Press and hold the central button 5s until the red light turns on and then the LED indicator starts flashing slowly in blue - this means the controller is now in pairing mode.
- Open your preferred Matter-compatible app and Select “Add New Device”.
- Enter the numerical pairing code on the device or scan the QR code in the user manual.
- Follow the on screen instructions to complete setup.
- Once pairing is completed, the LED on the controller will remain steady then off in blue, indicating a successful connection.
- Sensor status updates will appear automatically in your app.

## **Safety & Maintenance**

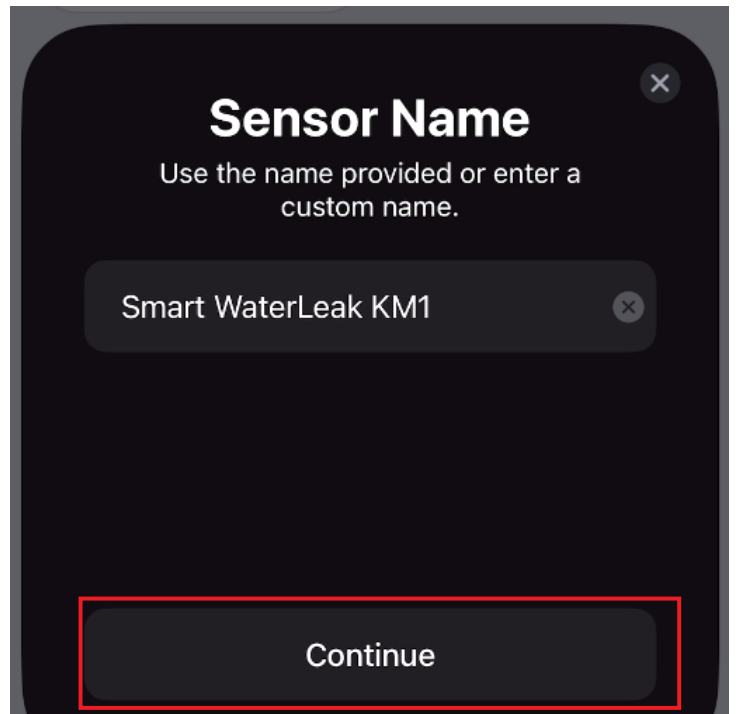
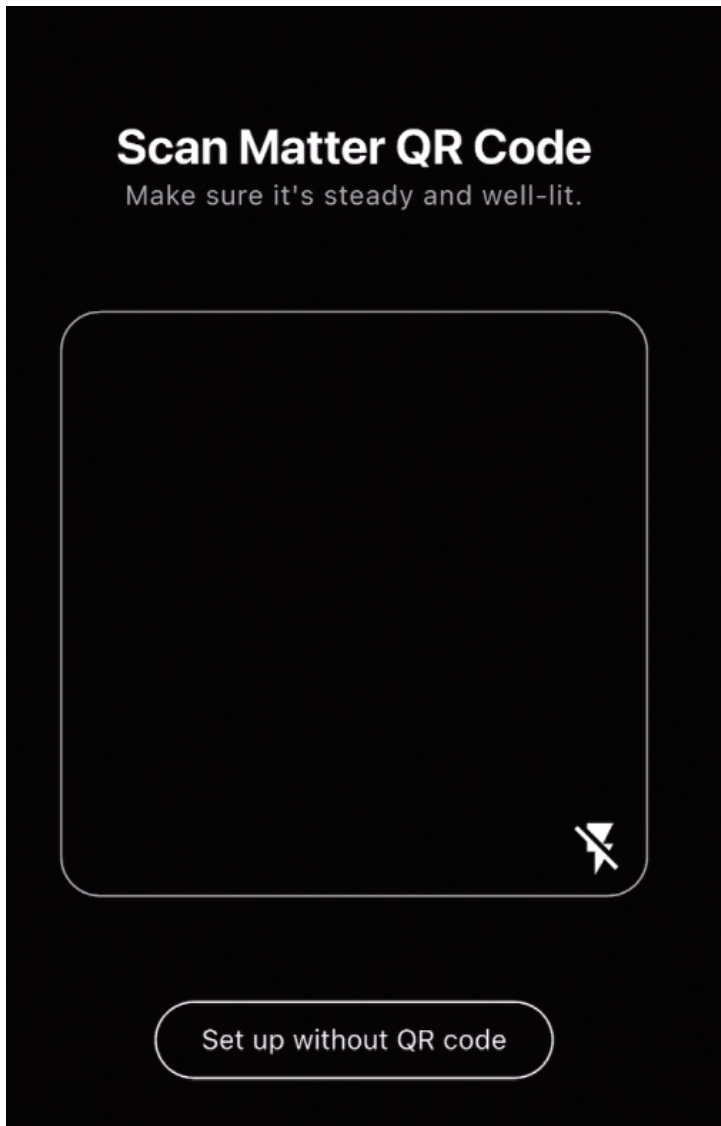
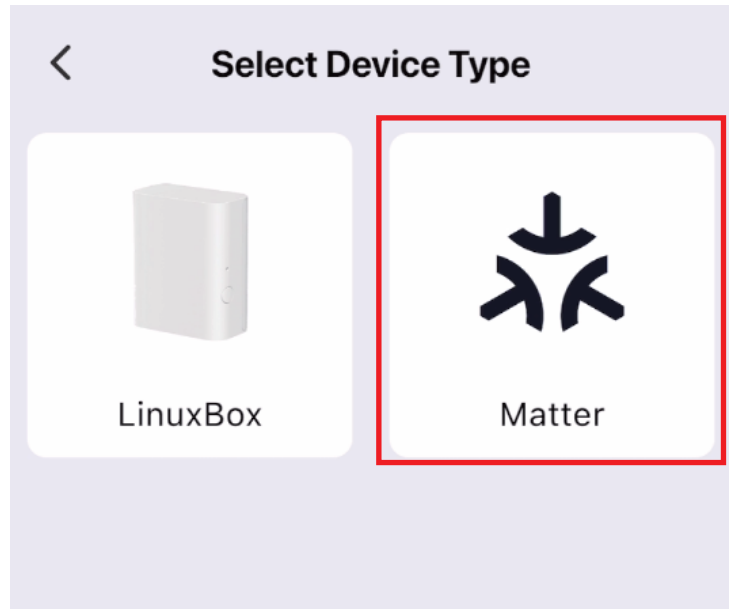
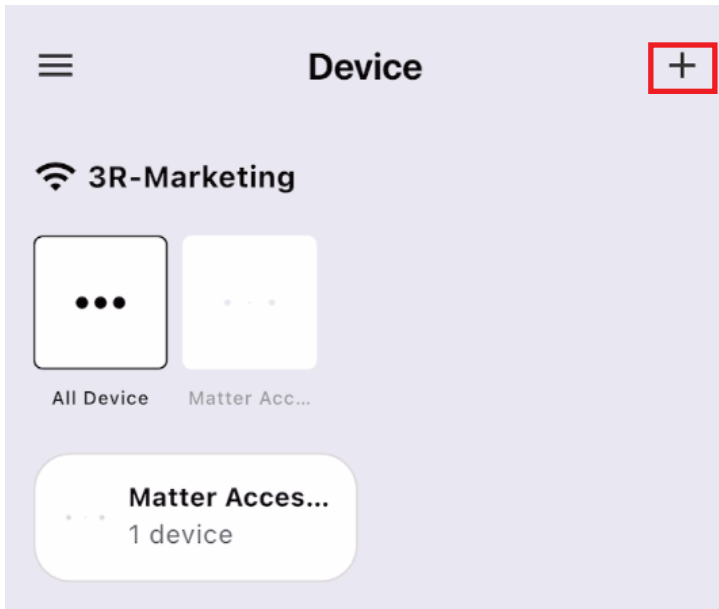
To ensure proper operation, avoid exposing the controller to high temperatures or high humidity. When low battery is indicated, replace the sensor batteries immediately to ensure proper operation. Regularly inspect the water probe on the sensor and clean as needed to maintain optimal detection sensitivity. Clean only with a soft cloth, slightly damp if necessary. Do not use organic solvents or abrasive cleaners.

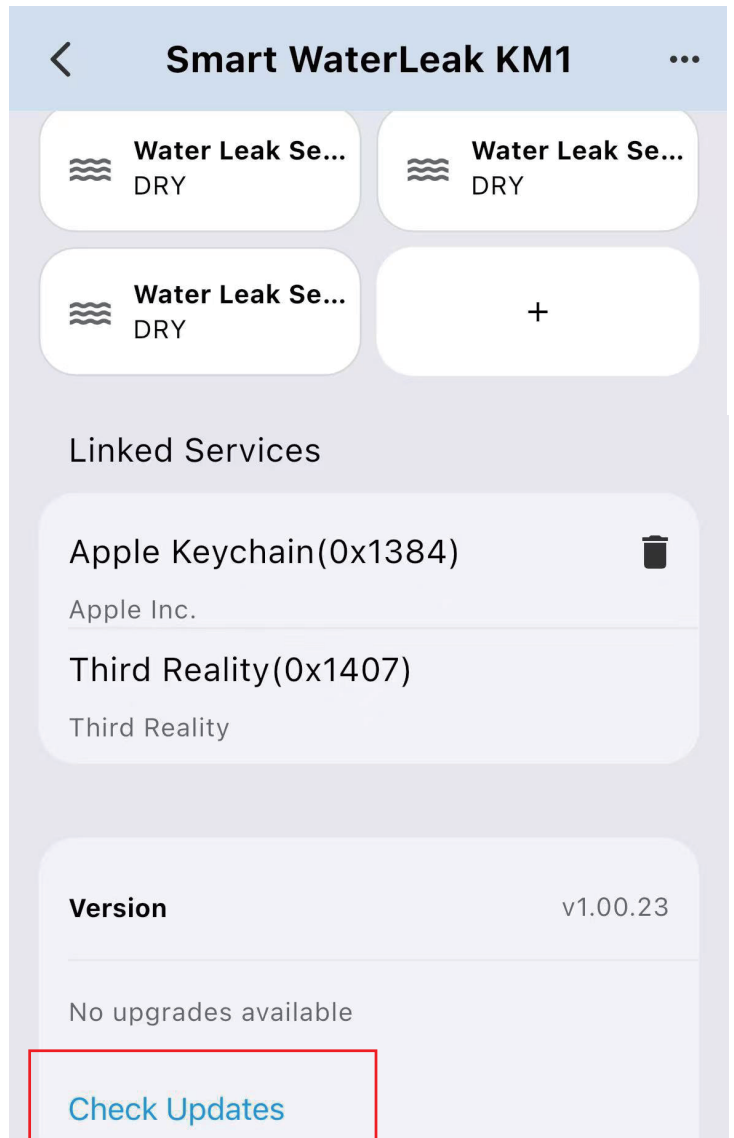
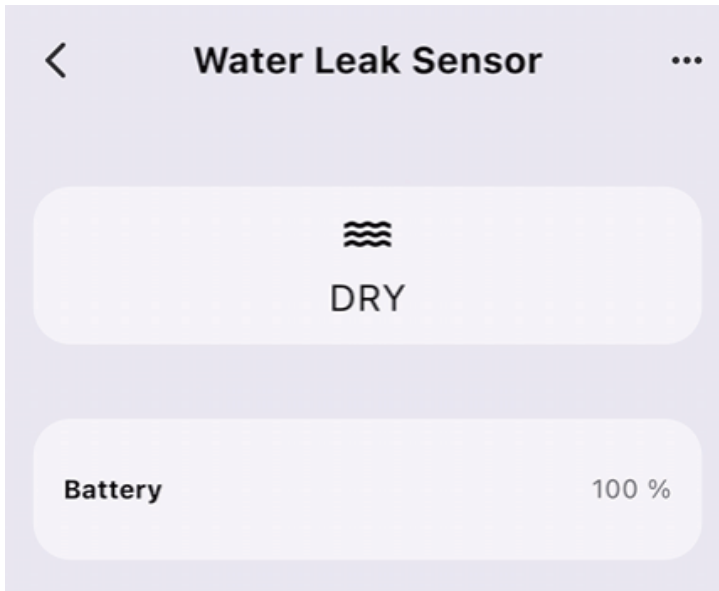
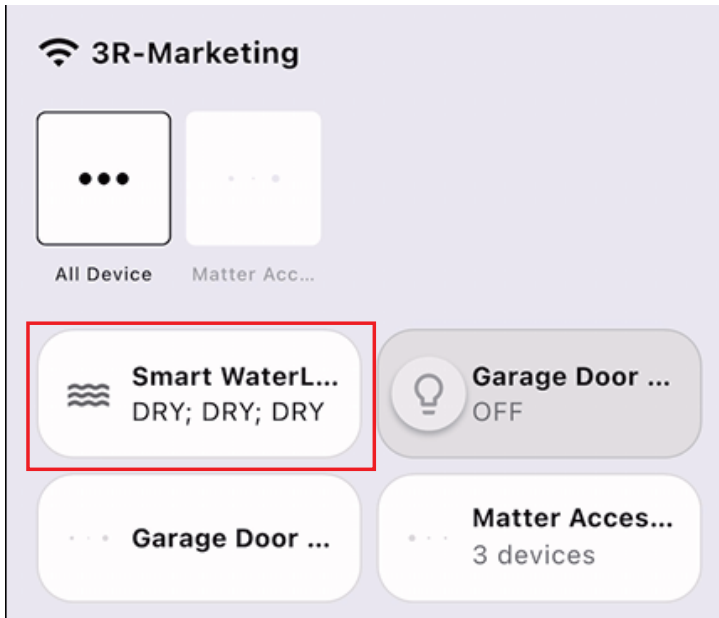
# Pairing with 3R-Installer App

This Matter certified device can be paired to any Matter certified ecosystems.



1. Download and install 3R-Installer App in App Store/Google Play Store on your phone. Make sure it has a stable internet access through a 2.4GHz WiFi network.
2. Power up the main controller, the blue LED flashes slowly, indicating it is in pairing mode. If it is not in pairing mode, please press and hold the button on the main controller to perform a factory reset.
3. Tap + in the up right in 3R-Installer App, scan MATTER QR code on the controller, follow the instructions in the app to complete setup.
4. After pairing is complete, the sensors status will be automatically updated and displayed in the app. Click the device icon to enter the device page, then tap Check Updates for firmware OTA.  
**Important: Stay in this page during OTA. Exiting requires a restart for OTA.**
5. Tap Link with Matter Enable Services to add the main controller to another main controller through multi-admin.





# Pairing with Apple Home

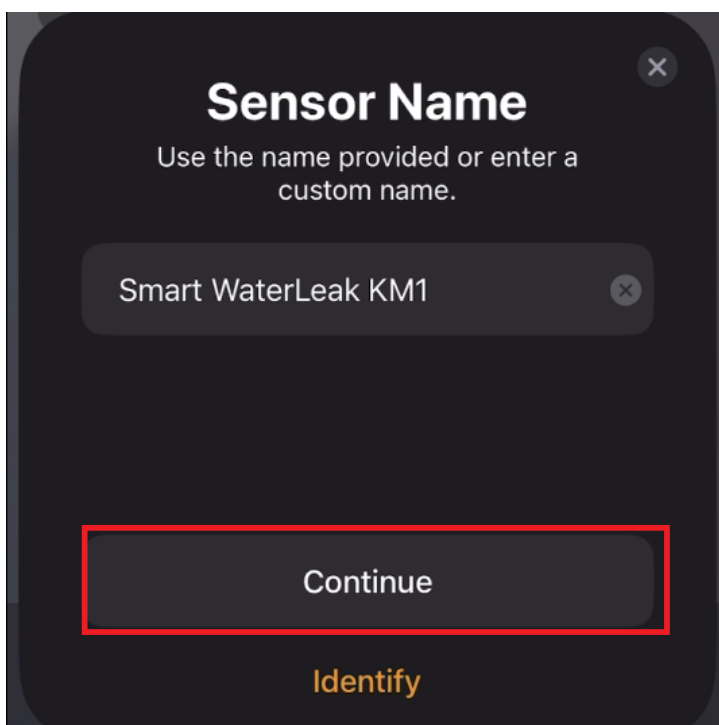
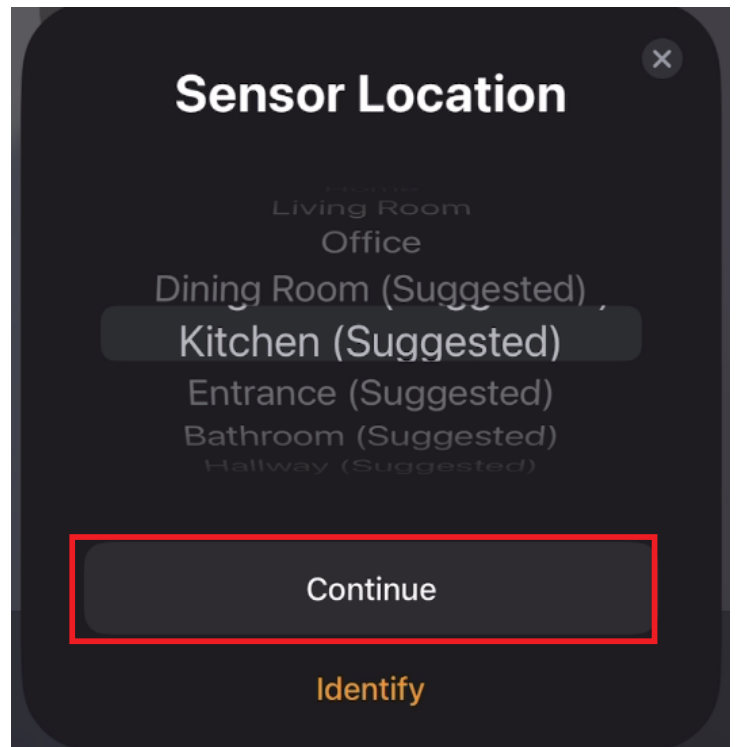
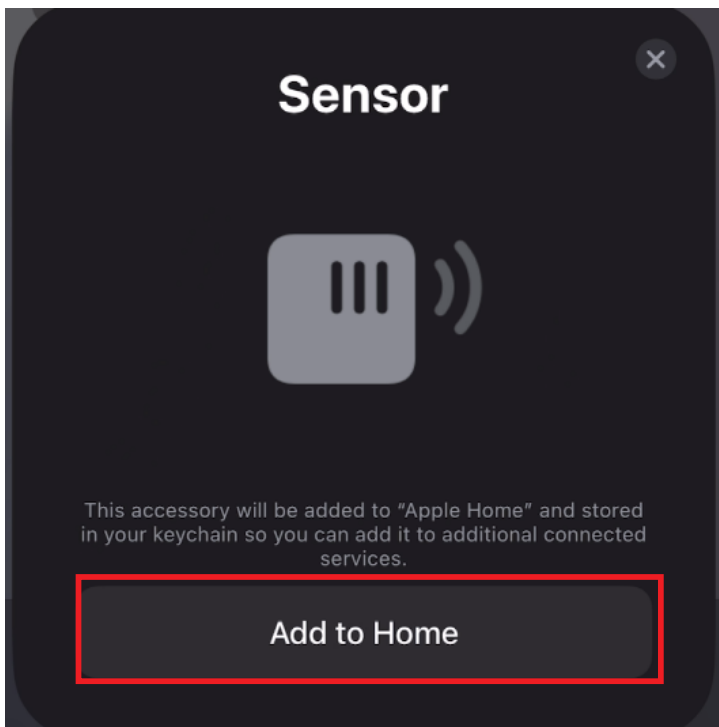
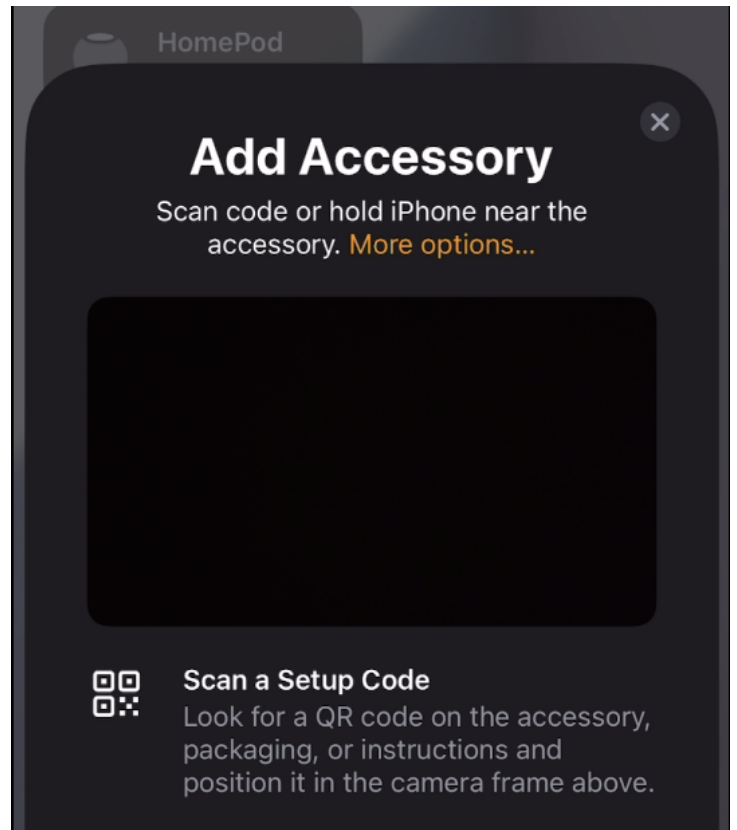
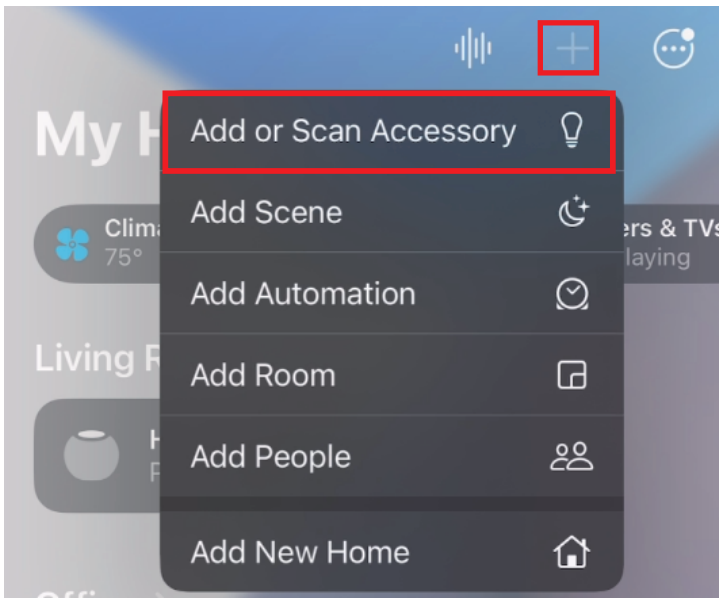
Compatibility:

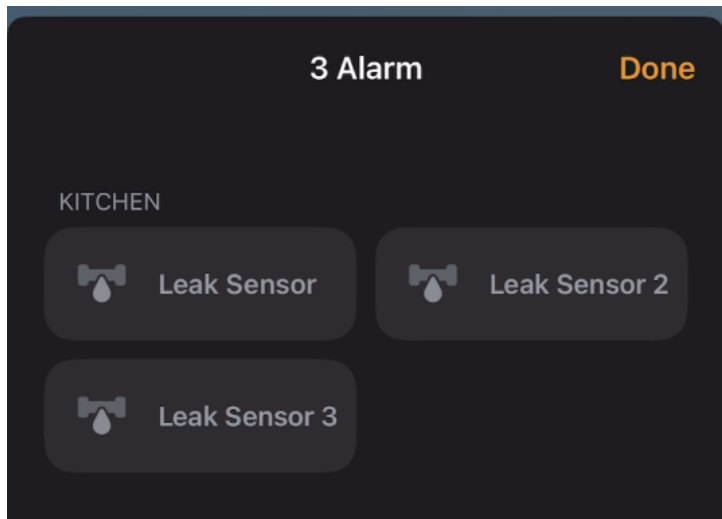
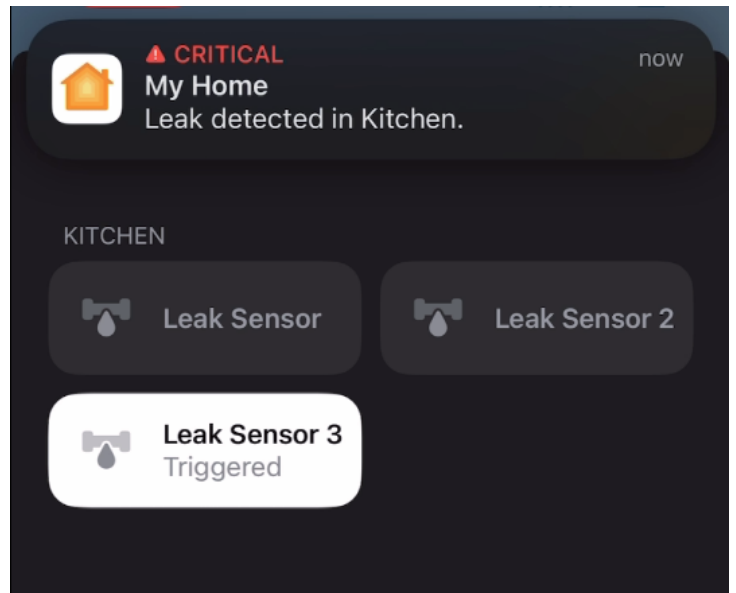
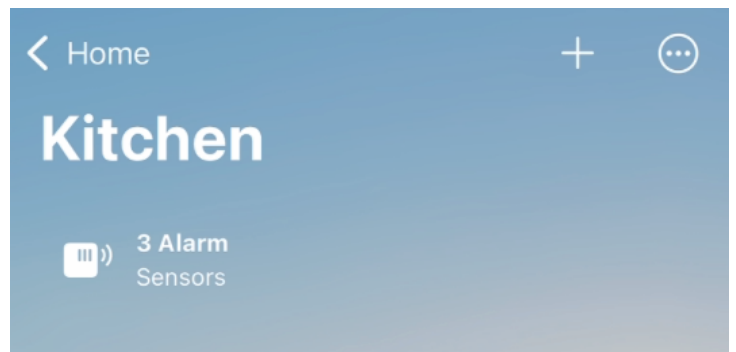
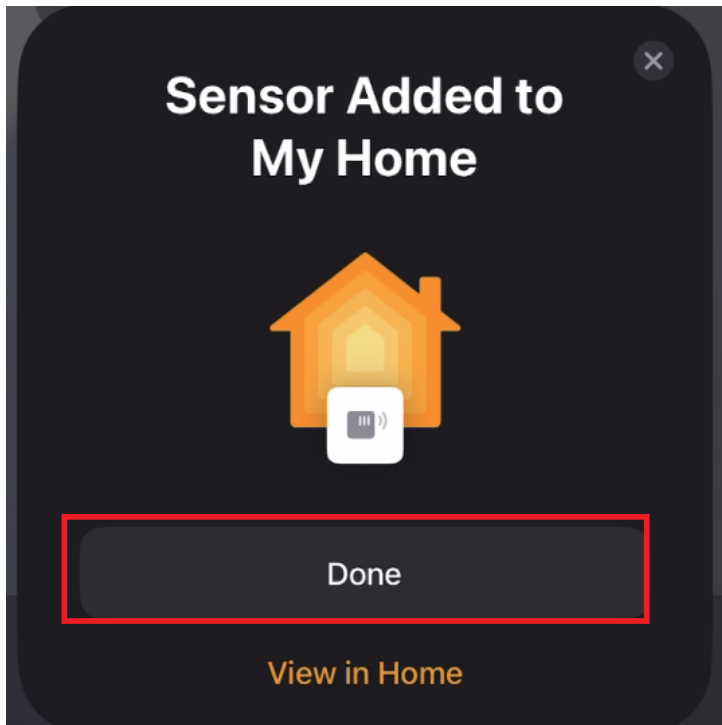
IOS system: Version 16.6 or later.

Matter-supported Controller: Home Pod, Home Pod mini, or Apple TV.



1. Launch your Home App. Tap+ and then tap Add or Scan Accessory to add a new device.
2. Power up the main controller, the blue LED flashes slowly, indicating it is in pairing mode. If it is not in pairing mode, please press and hold the button on the main controller to perform a factory reset.
3. Tap + in the up right in Apple Home App. Scan the MATTER QR code on your device. Once pairing is completed, you can choose a location and set a name for your device.
4. After pairing is complete, the sensors status will be automatically updated and displayed in the app. Then you can check your device on the Device list and create automation for your device on the Home app.
5. To connect the device to another MATTER certified ecosystem app, you need to go to the app of the first ecosystem to generate a new setup code. Go to the Device Settings page, scroll down, tap Turn On Pairing Mode and then Copy Code. Launch the app of another MATTER certified ecosystem, follow the setup instruction to enter the setup code and follow the app instructions to complete the setup.





# Pairing with Alexa

Alexa app version:

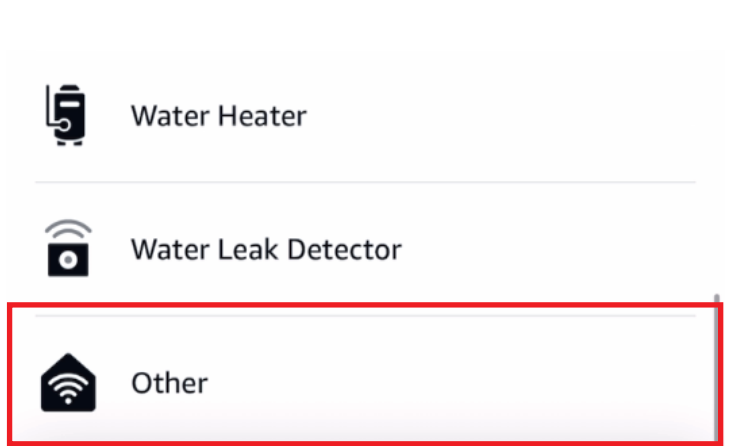
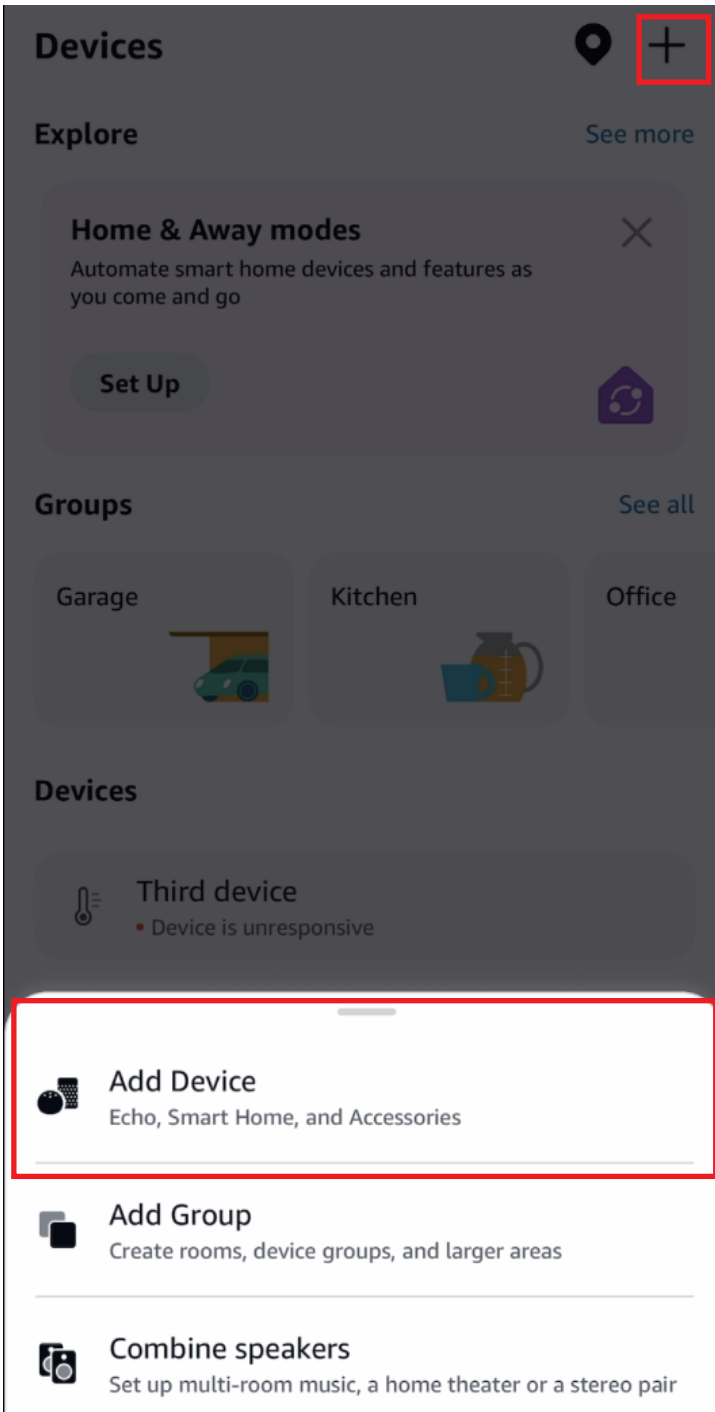
Android: 2.2.542657.0 or later

IOS: 2.2.575623.0 or later



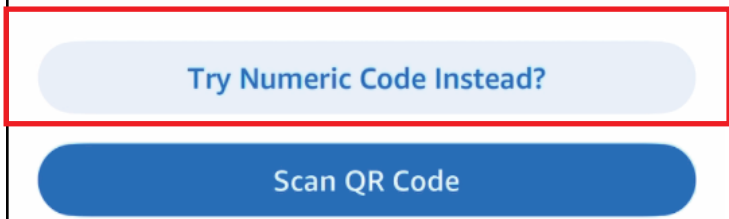
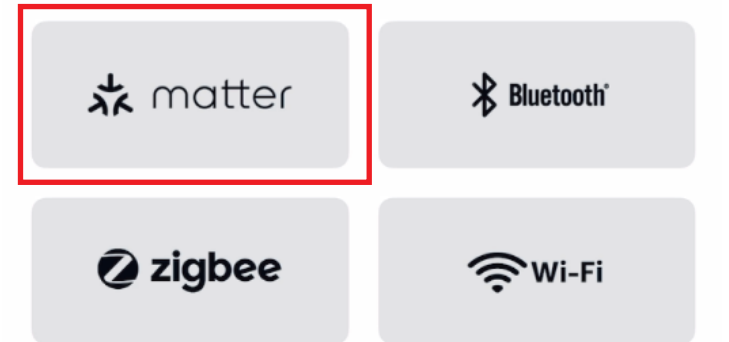
## Pairing steps:

1. Set up your Amazon Alexa Speaker, connect your phone to your WiFi router.
2. Power on the Main Controller, Press and hold the central button 5s until the red light turns on, then the LED indicator starts flashing slowly in blue - this means the controller is now in pairing mode.
3. Open your Alexa app and sign in, tap + in the up right and follow the instructions to add device. Make sure to connect the device and the Echo Speaker to the same WiFi router.
4. After pairing is complete, the sensors status will be automatically updated and displayed in the app. Then you can check your device on the Device list and create automation for your device.
5. To connect the device to another MATTER certified ecosystem app, you need to go to the app of the first ecosystem to generate a new setup code. Go to the Device Settings page, scroll down, tap Turn On Pairing Mode and then Copy Code. Launch the app of another MATTER certified ecosystem, follow the setup instruction to enter the setup code and follow the app instructions to complete the setup.



## Which logo is on your device?

Look for one of these logos on your device, on the box, or in the quick start guide.



## Enter numeric code

You can find it inside the device box, Quick Start Guide or on the device.

11 or 21 digit numeric code



## ThirdReality Device and 3 component devices found and connected

These devices have been added to your Alexa account. Next, continue setting up each of these devices one at a time.

Next

### Devices



Device Type ▾

Sort By ▾



Fifth water leak sensor

• Recently added



Fourth water leak sensor

• Recently added



Sixth water leak sensor

• Recently added



Smart WaterLeak KM1

• Recently added

⌵

Third device



Fifth water leak sensor



**Water leak detected**

Today at 6:27 PM

Create a Routine



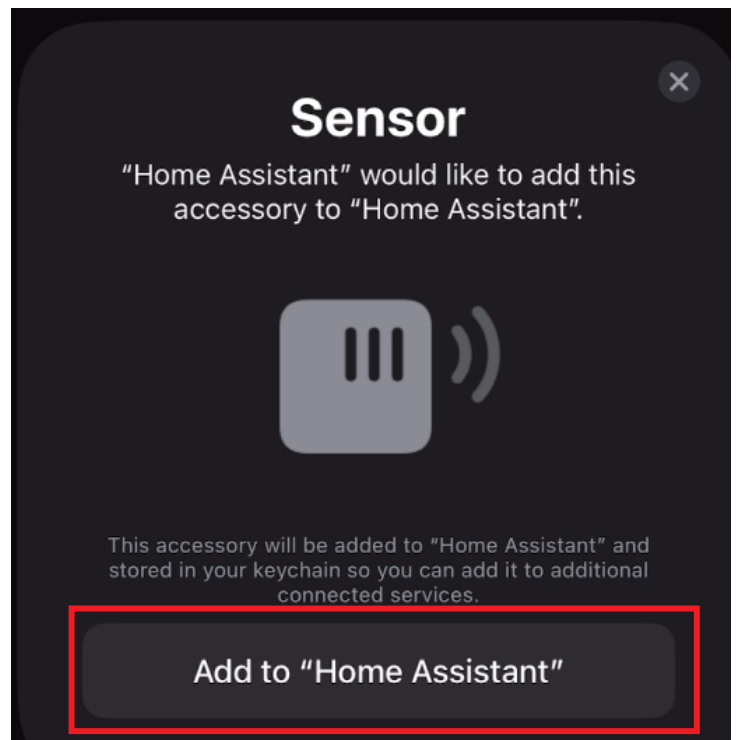
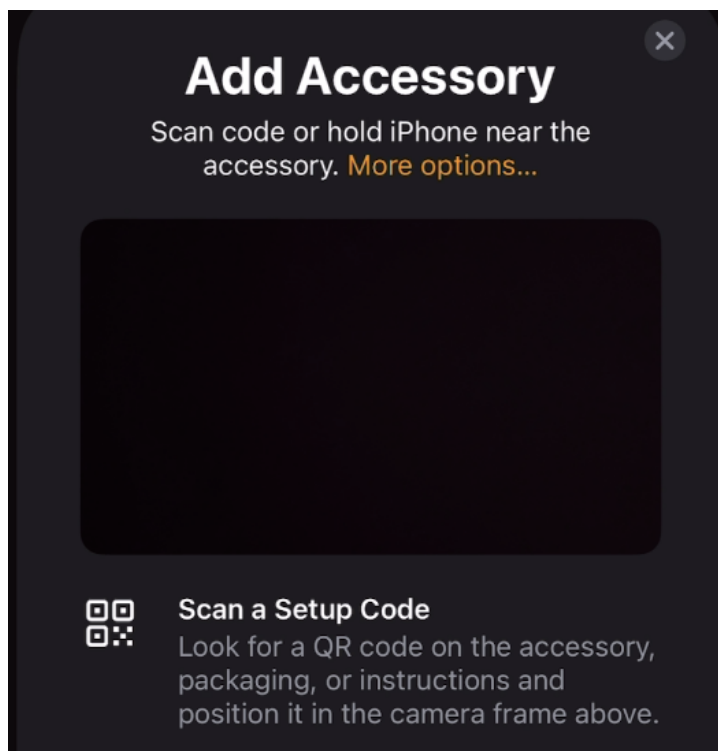
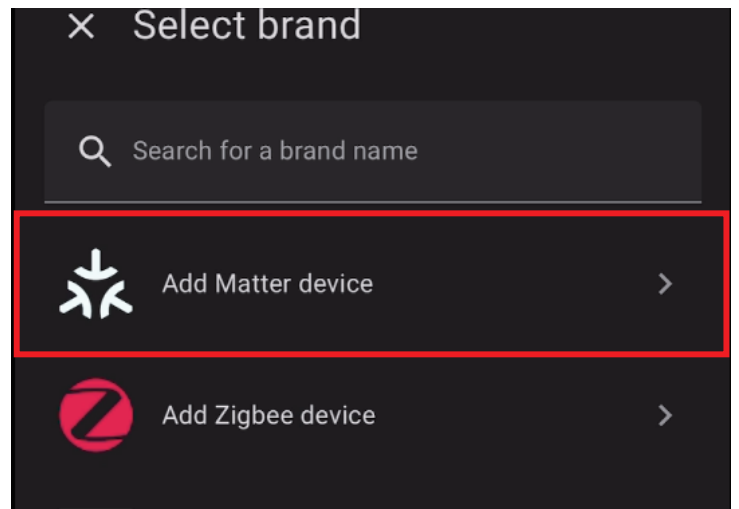
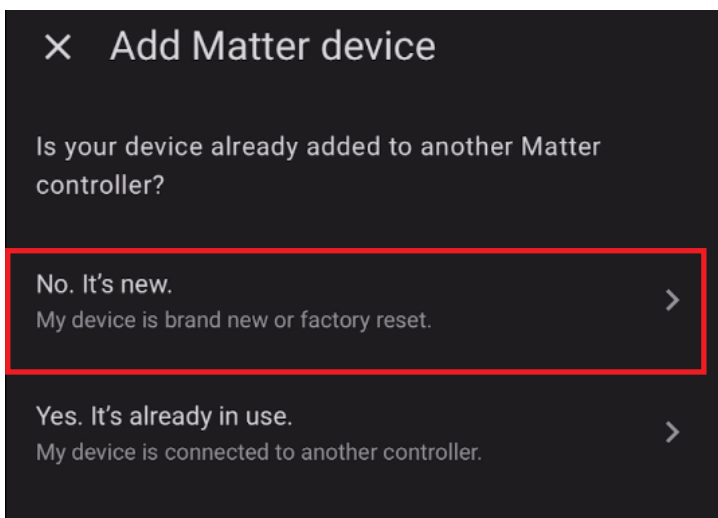
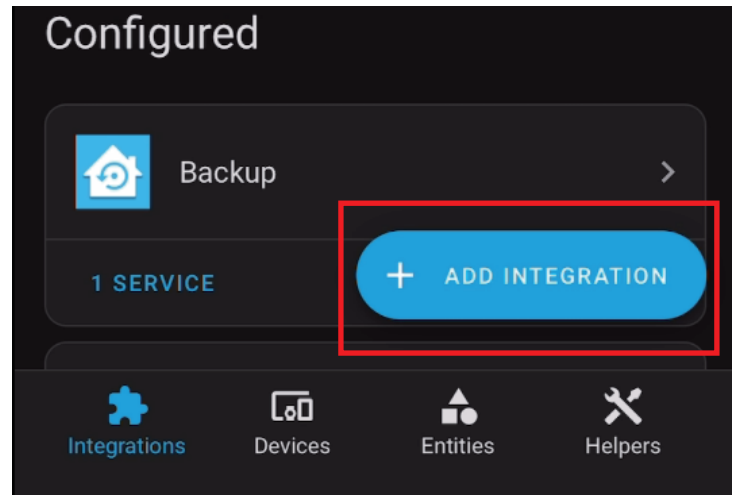
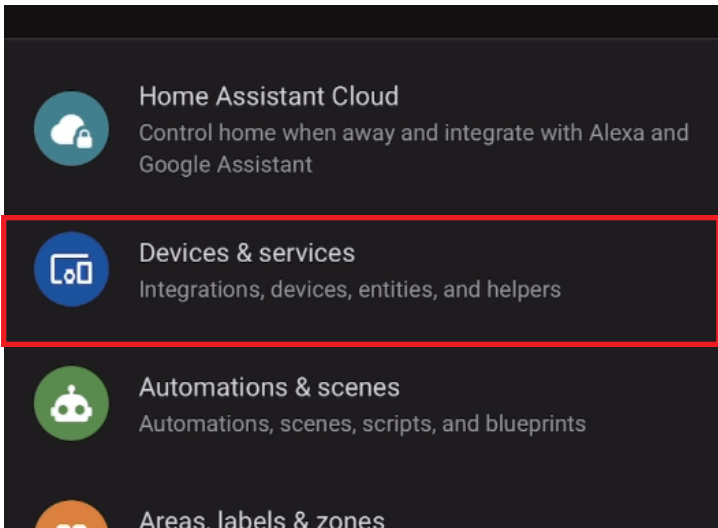
# Pairing With Home Assistant

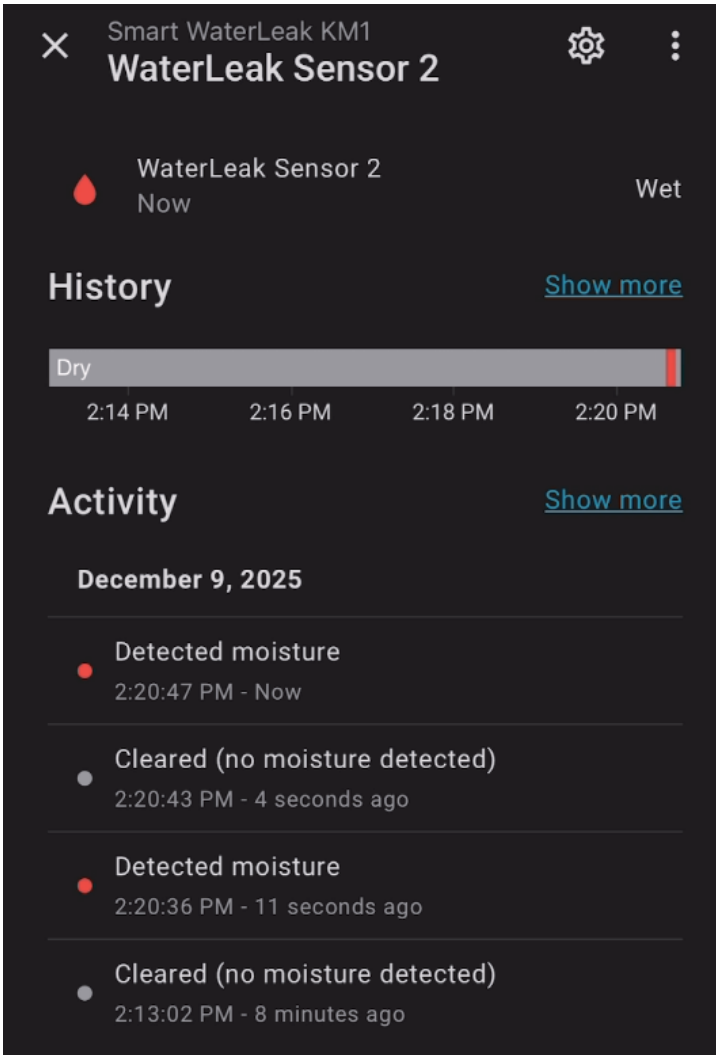
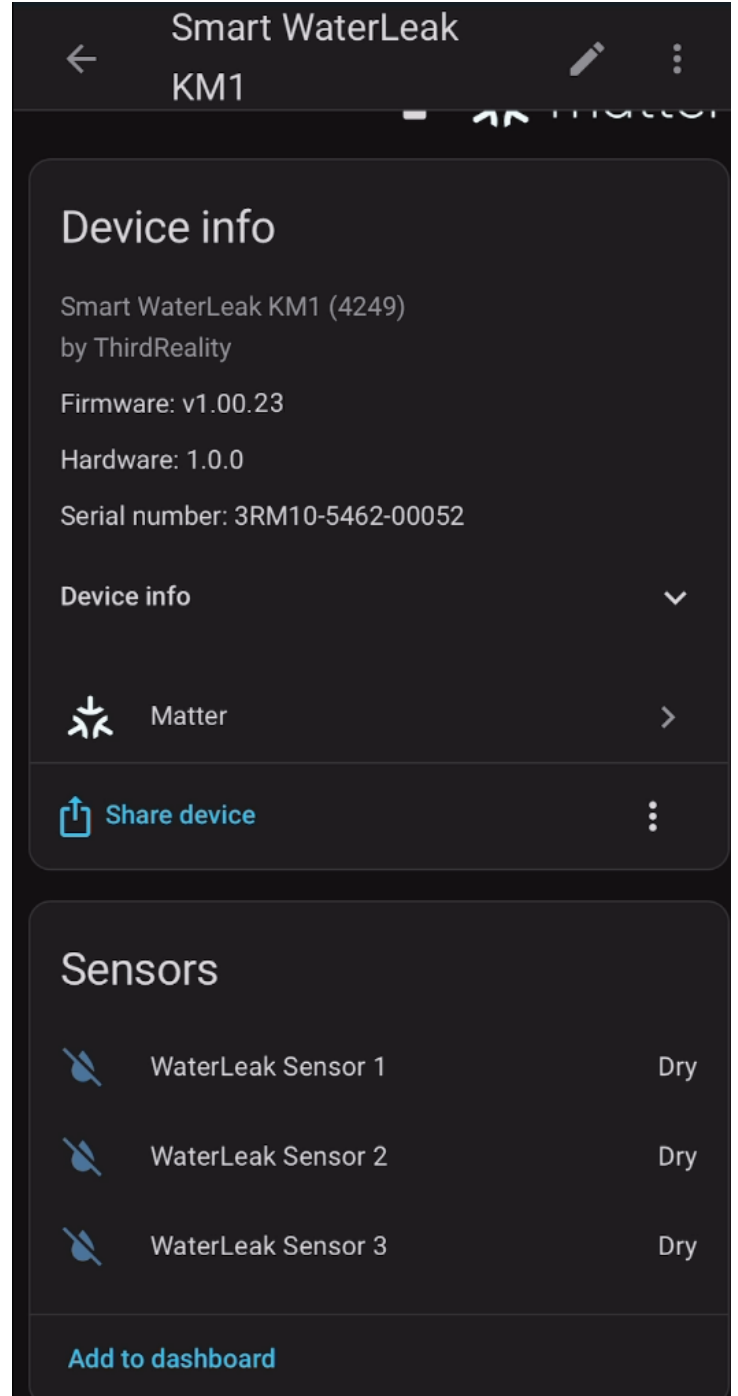
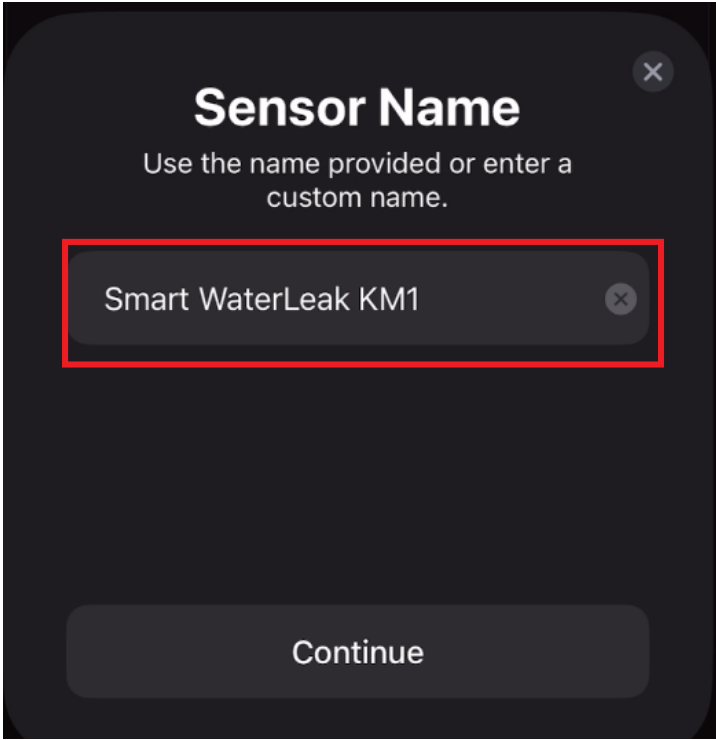
Compatibility: Home Assistant with Matter integration



## Zigbee Home Automation

1. Power up the main controller, the blue LED flashes slowly, indicating it is in pairing mode. If it is not in pairing mode, please press and hold the button on the main controller to perform a factory reset.
2. Use the Home Assistant App on your phone, go to Settings → Devices & Services, Click “+ Add Integration”, select “Matter”, and follow the instructions to add the main controller by scanning the QR code.
3. Once paired, the sensors status will be automatically updated and displayed in the app. Then the device will show up in your HA dashboard under “Devices”. You can also create automation for your device.
4. To connect the device to another MATTER certified ecosystem app, you need to go to the app of the first ecosystem to generate a new setup code. Go to the Device Settings page, scroll down, tap Turn On Pairing Mode and then Copy Code. Launch the app of another MATTER certified ecosystem, follow the setup instruction to enter the setup code and follow the app instructions to complete the setup.





# Troubleshooting

1. **Controller fails to power on?**

Ensure the power adapter and cable are securely connected.

2. **Sensor not responding?**

Check and remove the insulation tab, or replace the battery if necessary.

3. **Device not appearing in the Matter app when pairing fails?**

Press and hold the button on the controller until the LED turns red, then refresh the device page and try again.

4. **Experiencing weak signal or frequent disconnections?**

Bring the controller closer to the sensors or reposition them for optimal connectivity.

5. **How to check the battery level of the sensor?**

You may view the battery level of each sensor in the app. When a sensor's battery is low, its LED indicator will flash red once every 30 seconds.

6. **The main controller fails to operate properly after power-on?**

For proper startup of the main controller, please refrain from holding the central button when powering on the controller.

7. **Cannot delete the three sub-devices of the main controller?**
  - The main controller is pre-configured with three water leak sensors upon factory delivery.
  - You can perform Deep Factory Reset on the main controller to replace the pre-paired sub-devices, but you cannot delete the device.
  
8. **The new device is not displayed in the app after successful binding.**

You need to reconnect the controller to the platform to display it in the app.

# 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](mailto:info@3reality.com) or visit [www.thirdreality.com](http://www.thirdreality.com)

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