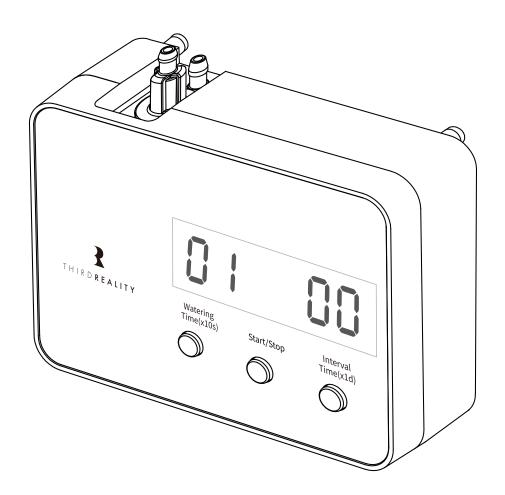
# **Smart Watering Kit**

**User Manual** 

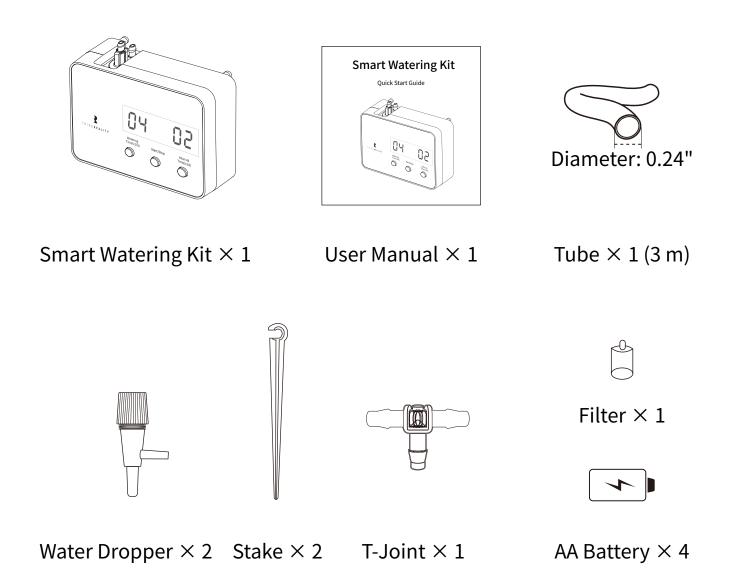




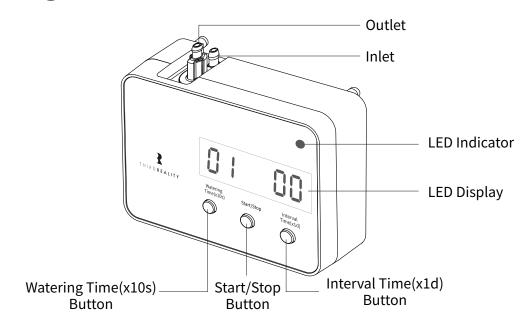
# **Contents**

What's in the Box	01
Programing	02
LED Indicator	03
Specifications ————————————————————————————————————	03
Installation and Quick Start	04
Setup with Smart Bridge MZ1	06
Setup with Third Reality Hub and SKILL	09
Setup with Compatible Third-Party Zigbee Hubs	11
Pairing with SmartThings	12
Pairing with Homey	14
Pairing with Amazon Alexa	17
Pairing with Hubitat	20
Pairing with Home Assistant	23
FCC Regulatory Conformance	28

#### What's in the Box



## **Programing**



- (1) [LED Display]: Press any button to wake up the digital screen.
- [Watering Time]: Press the Watering Time(x10s) Button, the time unit is 10 seconds(01 x 10s) 990 seconds (99 x 10s), 00 x 10s indicates 1,000 seconds, this can be customized up to 7,200 seconds through the 3R-Installer App(Smart Bridge required).
- (3) [Watering Interval]: Press the Interval Time(x1d) Button, the time is 1 day 30 days, 00 indicates no routine.
- (4) [Customizable Time]: Set the watering time to 0 and interval time to 0, then set the schedule through your smart home automation system.
- [Pairing]: Press and hold the Start/Stop Button until the LED Indicator turns red, release the hold, the LED Indicator turns fast blue blinking indicating the device enters Zigbee pairing mode.
- (6) [Start/Stop Watering]: Press the Start/Stop Button to start/stop watering.

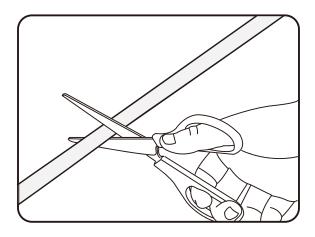
# **LED Indicator**

LED Status	Description
Pairing	Blue blinking
Offline	Red slow blinking
Low Battery	Red double blinking

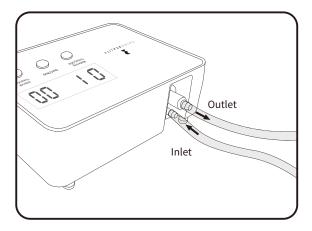
# **Specifications**

Name	Smart Watering Kit
Model	3RWK0148Z
Operating Voltage	DC 6V
Battery Type	4 x AA battery
Watering Time (x 10s)	10 seconds(01 x 10s, default) - 990 seconds (99 x 10s) 00 x 10s indicates 1,000 seconds (customizable up to 7,200 seconds)
Interval Time (x 1d)	1 day(01 x 1d) - 30 days(30 x 1d), default 00 no routine
Wireless Connectivity	Zigbee 3.0
Working Condition	-10 - 40 °C (Indoor Use)
Flow Rate	Max up to 7 ml/s

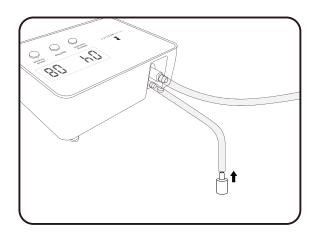
# **Installation and Quick Start**



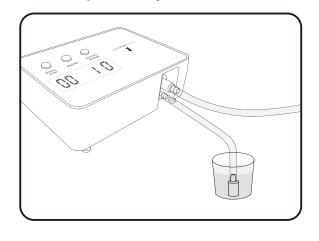
Cut the tube to the required length.



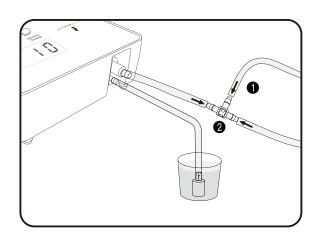
Connect the two tubes to the water inlet, and outlet respectively.



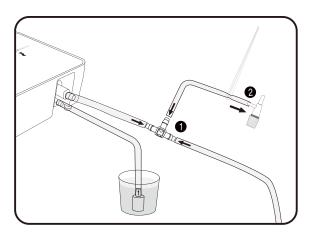
3 Install the filter to the tube.



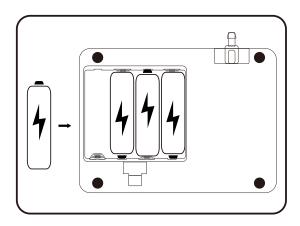
4 Put it in the water tank.



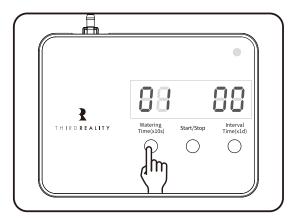
**5** The T-joint can be used to connect more water tubes.



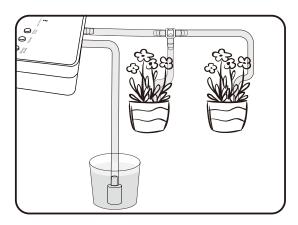
6 Install the water dropper and stake to the end of the tube.



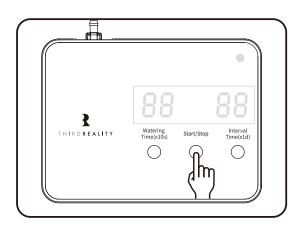
Install the batteries.



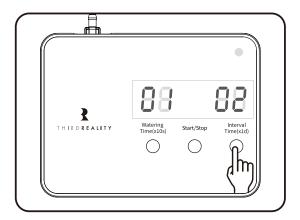
Press [Watering Time(x10s)] button to set the watering duration from 10s to 990s.



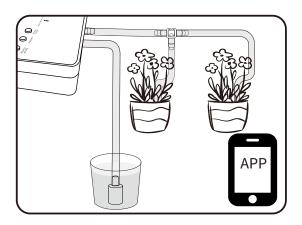
The device is set up successfully and it's ready to water plants automatically.



Press any button to turn on the LED display.



Press [Interval Time (x1d)] button to configure the watering schedule from 1 day to 30 days.

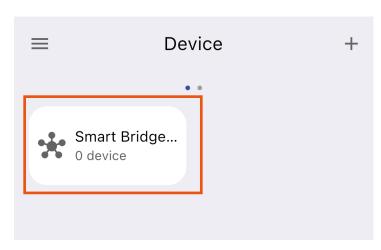


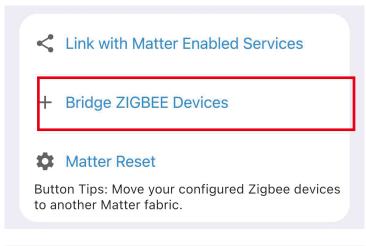
You can also set up the smart watering kit with your Zigbee hub/bridge.

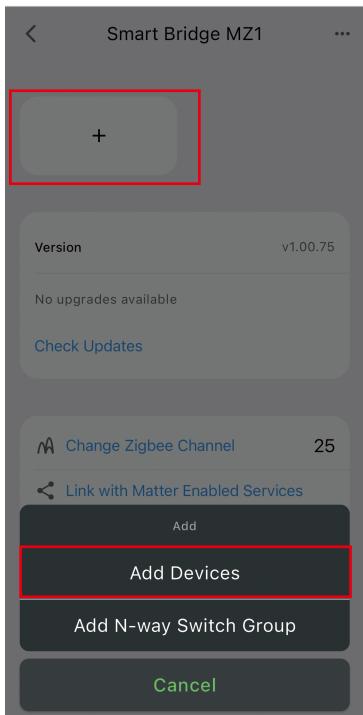
# **Setup with Smart Bridge MZ1**

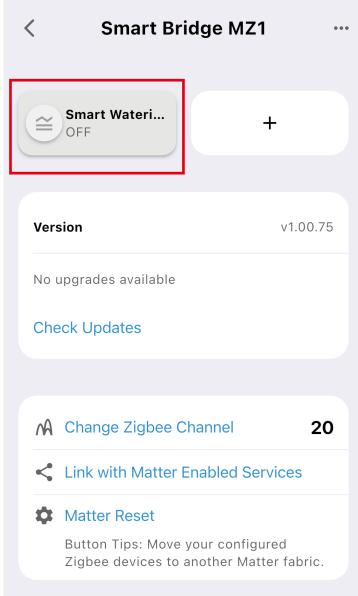
The Smart Bridge (sold separately) enables your Zigbee device to become Matter-compatible, allowing seamless integration with major Matter ecosystems like Apple Home, Google Home, Amazon Alexa, Samsung Smart-Things, and Home Assistant. Third Reality also offers the 3R-Installer APP, which let you configure its various attributes and perform firmware updates.

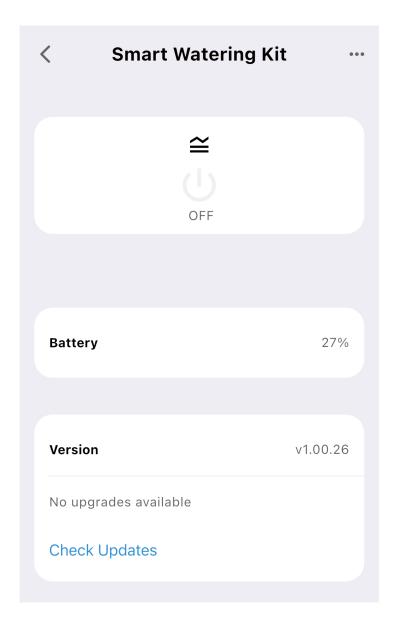
- 1. Ensure your bridge is already set up within your smart home system.
- 2. Install the battery to power on the smart watering kit and confirm it's in pairing mode. Otherwise, please press and hold the start/stop button for 5 seconds to factory reset the smart watering kit to initiate pairing mode.
- 3. Press the pinhole button on the smart bridge to activate Zigbee pairing mode. The Zigbee blue LED should start blinking.
- 4. The smart watering kit will be added to your smart bridge, and a new device will appear in your smart home app, such as Apple Home, Google Home or Alexa.
- 5. Optionally, you can install the 3R-Installer APP and use the multi-admin feature in your smart home app to share permissions with the 3R-Installer APP.

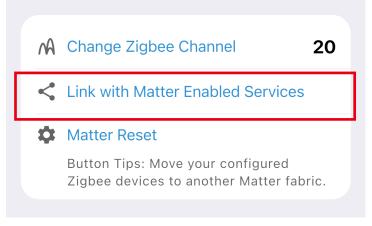












# Link with Manual Setup Code or Scan the QR Code

Effective duration: 2 minutes 54 seconds

1324-192-6558

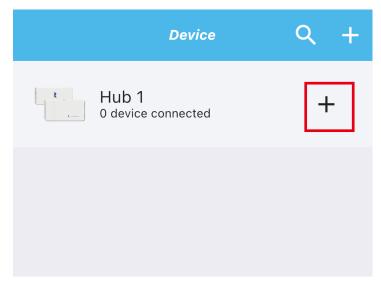


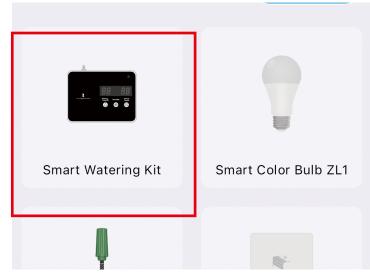
Done

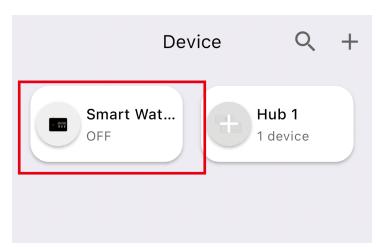
# Setup with Third Reality Hub and SKILL

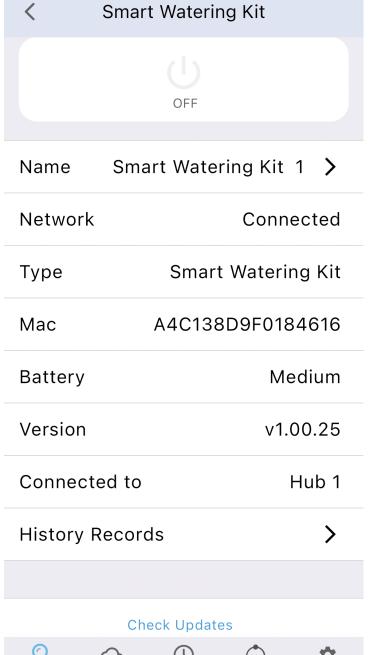
The Third Reality Hub (sold separately) allows you to control your device remotely via the Third Reality APP, making it a great option for smart home beginners or those without a system from major providers. Additionally, the Third Reality Cloud supports SKILL integration with Google Home or Amazon Alexa, enabling you to connect your device to these platforms. However, due to the potential for slow and unreliable Cloud-to-Cloud connections, we recommend using the Bridge solution if Google Home or Alexa is your primary smart home platform.

- 1. Ensure your hub is properly set up with Third Reality App.
- 2. Install the battery to power on the smart watering kit and confirm it's in pairing mode. Otherwise, please press and hold the start/stop button for 5 seconds to factory reset the smart watering kit to initiate pairing mode.
- 3. Open the Third Reality APP, press the "+" icon next to the hub, and select "Quick Pair."
- 4. The smart watering kit will pair with your hub and appear in the Third Reality APP.
- 5. Optionally, you can enable the Third Reality SKILL in either the Alexa or Google Home app to enable Cloud-to-Cloud communication.









Group

# Setup with Compatible Third-Party Zigbee Hubs

Third Reality supports integration with various open Zigbee platforms, including Amazon Echo with built-in Zigbee, SmartThings, Home Assistant (with ZHA or Zigbee2mqtt), Homey and Hubitat. If you own any of these devices, you can pair the smart watering kit directly without the need for an additional bridge or hub.

- 1. Ensure your Zigbee Hub has been already set up within your smart home system.
- Install the battery to power on the smart watering kit and confirm it's in pairing mode. Otherwise, please press and hold the start/stop button for 5 seconds to factory reset the smart watering kit to initiate pairing mode.
- 3. Open your smart home app and follow the on-screen instructions to begin the Zigbee pairing process.
- 4. The smart watering kit will be paired with the Zigbee hub.
- 5. Use your smart home app to turn on/off the smart watering kit, create routines to water your plant in schedule.

# Pairing with SmartThings

App: SmartThings App

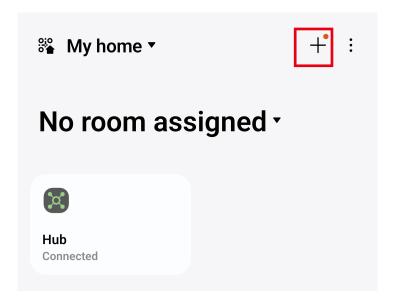
Devices: SmartThings Hub 2nd Gen(2015) and 3rd Gen(2018), Aeotec

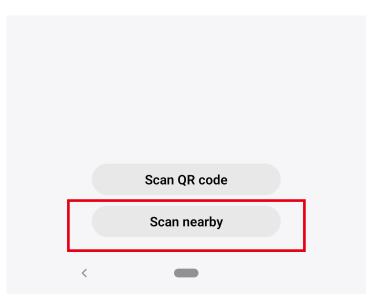
Smart Home Hub.



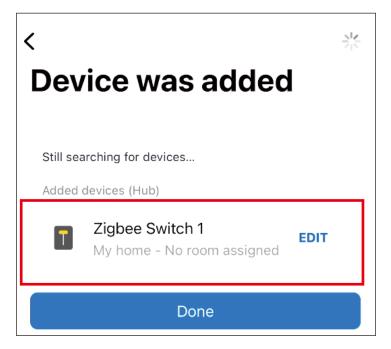
#### Pairing steps:

- 1. Before pairing, check for updates to make sure the SmartThings Hub firmware is up to date.
- Install the battery to power on the smart watering kit and confirm
  it's in pairing mode. Otherwise, please press and hold the
  start/stop button for 5 seconds to factory reset the smart watering
  kit to initiate pairing mode.
- 3. Open your SmartThings App, tap "+" on the up right corner to "Add device" and then tap "Scan nearby".





4. The bulb will be added to your SmartThings hub in a few seconds.





5. Create routines to control connected devices.

### Pairing with Amazon Alexa

App: Amazon Alexa

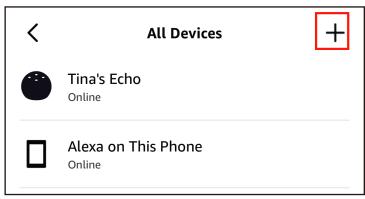
Devices: Echo speakers with built-in Zigbee hub, Echo 4th Gen, Echo Plus

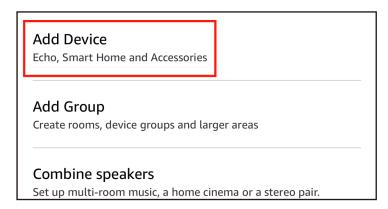
1st & 2nd Gen, Echo Studio

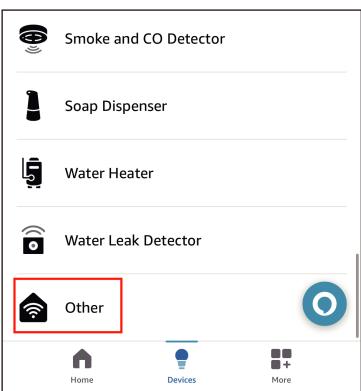


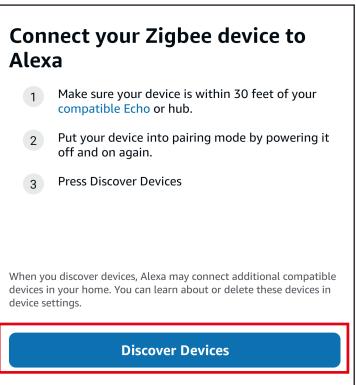
#### Pairing steps:

- 1. Ask Alexa to check for updates before pairing.
- Install the battery to power on the smart watering kit and confirm
  it's in pairing mode. Otherwise, please press and hold the
  start/stop button for 5 seconds to factory reset the smart watering
  kit to initiate pairing mode.
- 3. Tab "+" in the Alexa App, choose "Other" and "Zigbee" to add device, the smart watering kit will be added.
- 4. You can create routines with the device.











# 1 Other switch found and connected

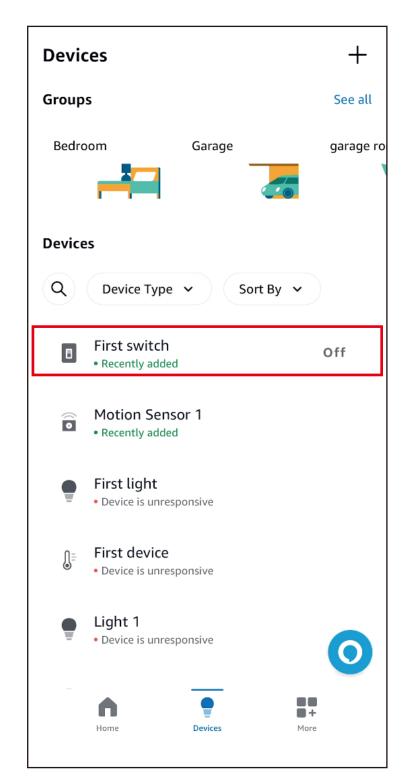
Your switch has been added to your Alexa account. Next, we'll help you finish setting up your device.

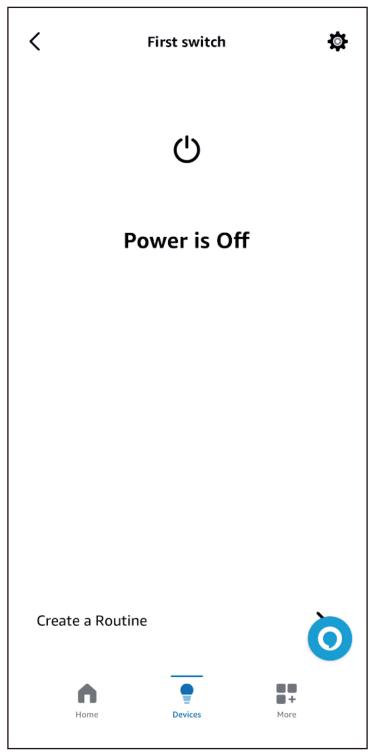


# First switch is set up and ready to use

To control it, say

"Alexa, turn on First switch"





# Pairing with Homey

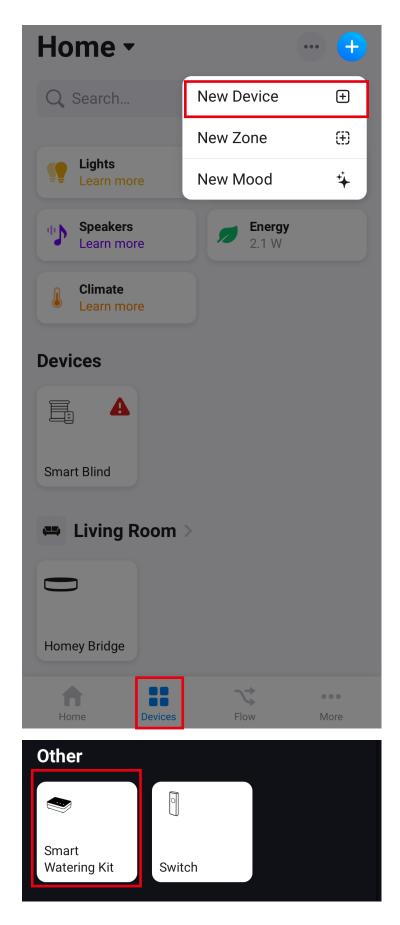
App: Homey

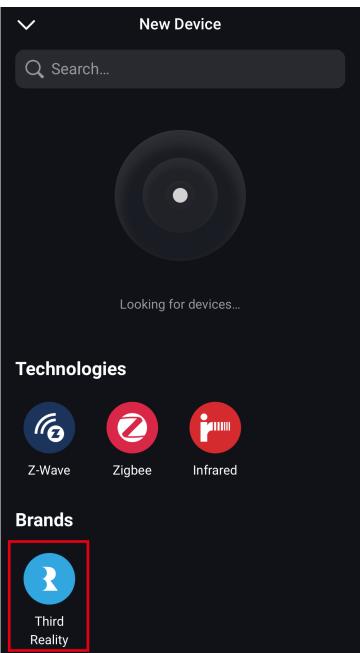
Devices: Homey Pro, Homey Bridge

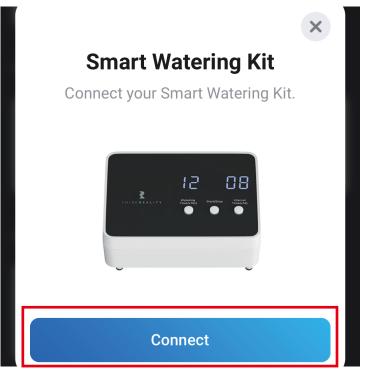


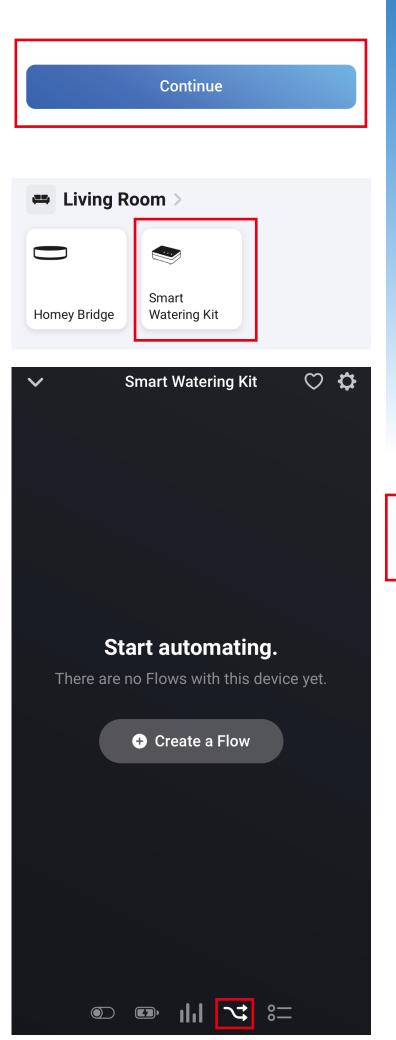
#### Pairing steps:

- 1. Install the Third Reality App in your Homey App.
- Install the battery to power on the smart watering kit and confirm
  it's in pairing mode. Otherwise, please press and hold the
  start/stop button for 5 seconds to factory reset the smart watering
  kit to initiate pairing mode.
- 3. Tap "+" in the Devices tab → "New Device" → "Third Reality" → "Smart Watering Kit" → "Connect" and follow the instruction to add device.
- 4. Create a Flow with the Smart Watering Kit.











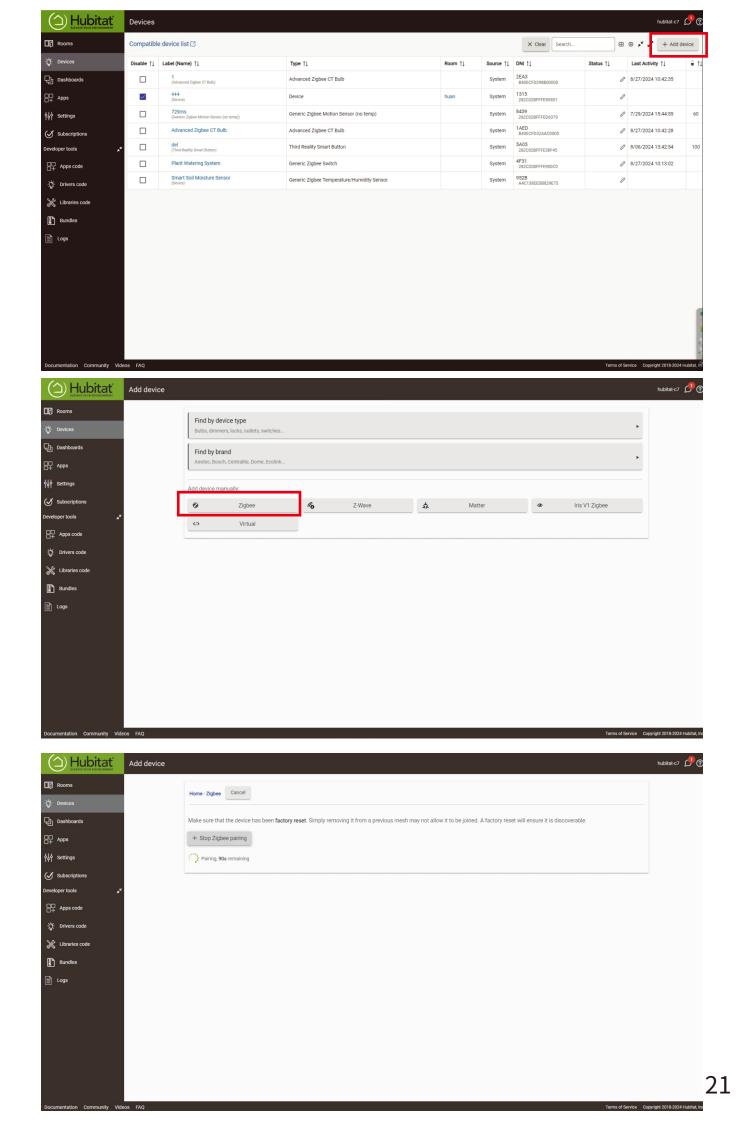
# **Pairing with Hubitat**

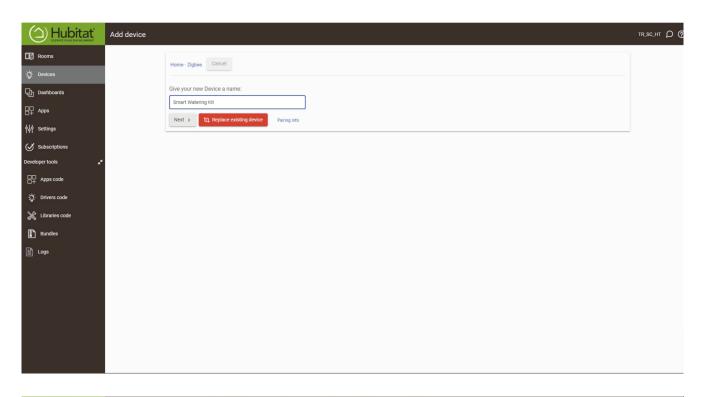
Website: http://find.hubitat.com/

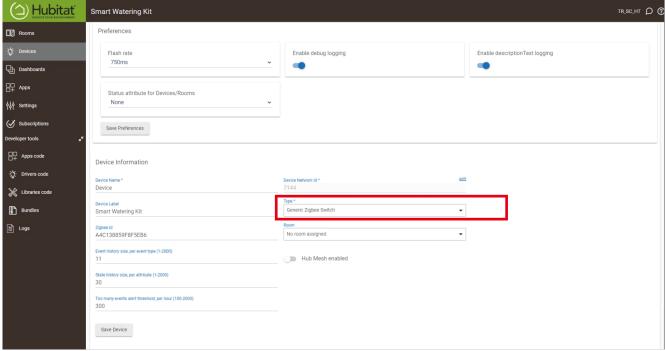


#### Pairing steps:

- Install the battery to power on the smart watering kit and confirm
  it's in pairing mode. Otherwise, please press and hold the
  start/stop button for 5 seconds to factory reset the smart watering
  kit to initiate pairing mode.
- Visit your Hubitat Elevation hub device page from your web browser, select the Devices menu item from the sidebar, then select Discover Devices in the upper right.
- 3. Click Start Zigbee Pairing button after you select a Zigbee device type, the Start Zigbee Pairing button will put the hub in Zigbee pairing mode for 60 seconds.
- 4. Pairing is completed.
- 5. Tap Apps, and Create New Basic Rules.







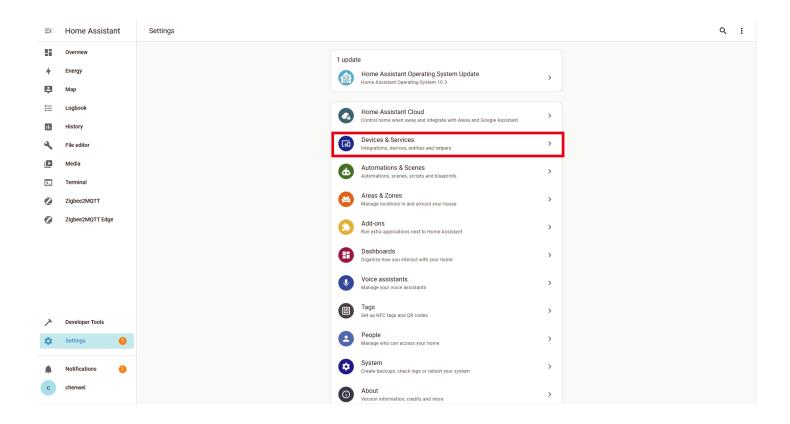
# Pairing With Home Assistant

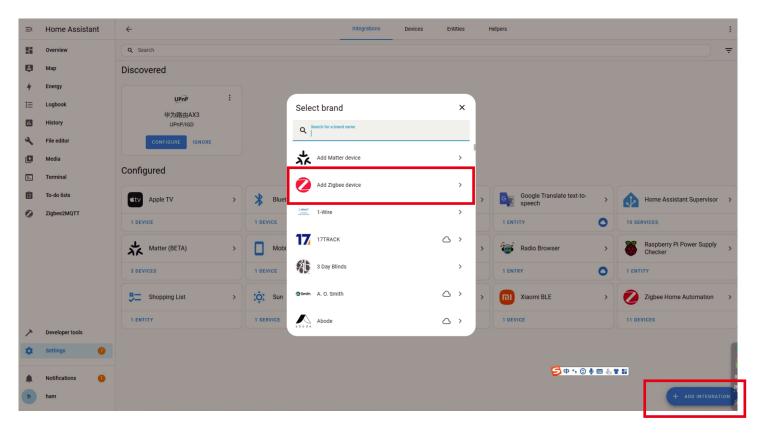
Device: Zigbee dongle

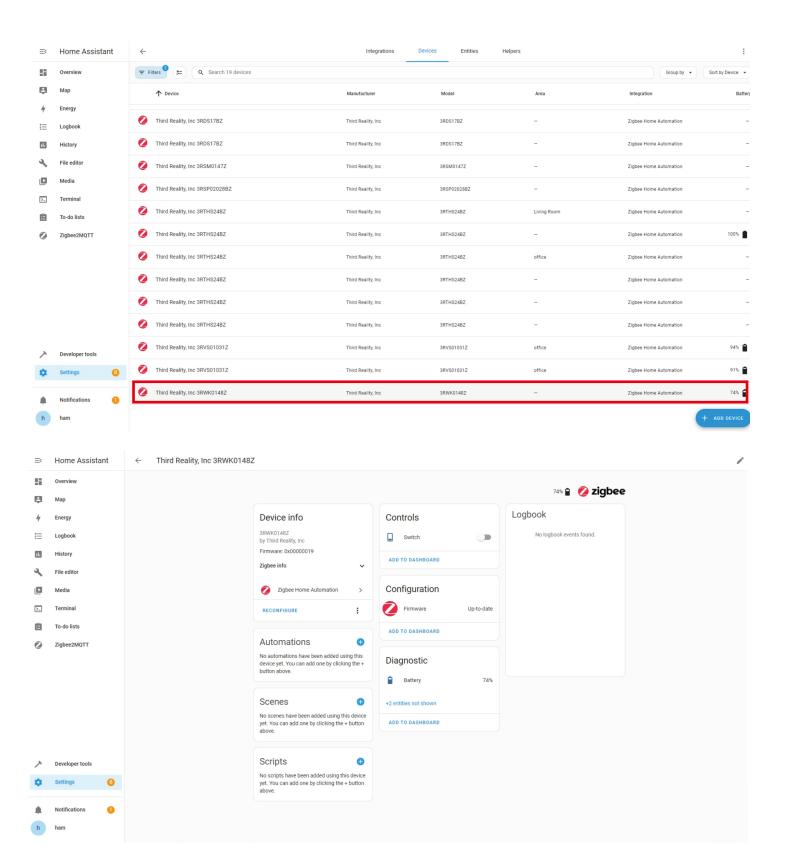


#### **Zigbee Home Automation**

- Install the battery to power on the smart watering kit and confirm
  it's in pairing mode. Otherwise, please press and hold the
  start/stop button for 5 seconds to factory reset the smart watering
  kit to initiate pairing mode.
- 2. In Zigbee Home Automation, go to "Configuration" page, click "integration".
- 3. Then click the "Devices" on the Zigbee item, the click "Add Devices".
- 4. Pairing completed.
- 5. Back to "Devices" page to find the sensor added.
- 6. Click to enter in the control interface to set the bulb.
- 7. Click "+" belongs to Automation and add trigger and actions.

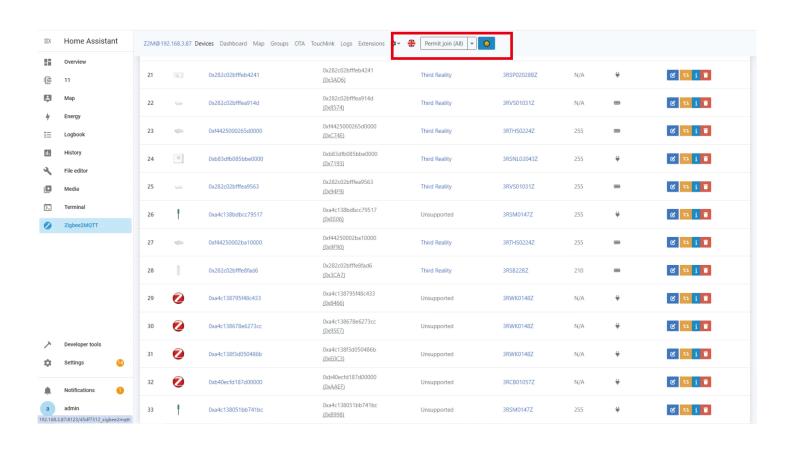


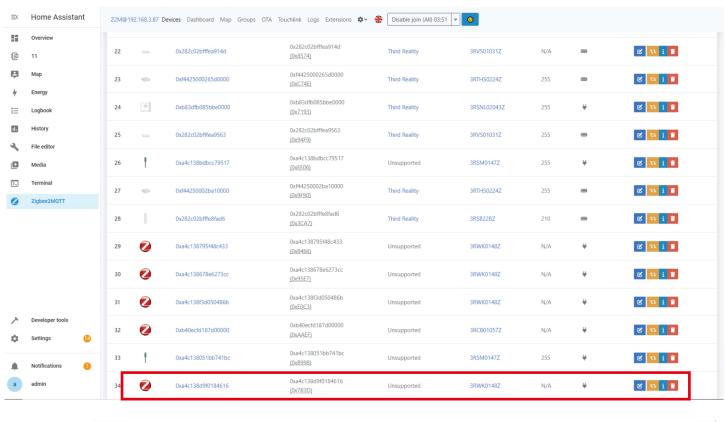


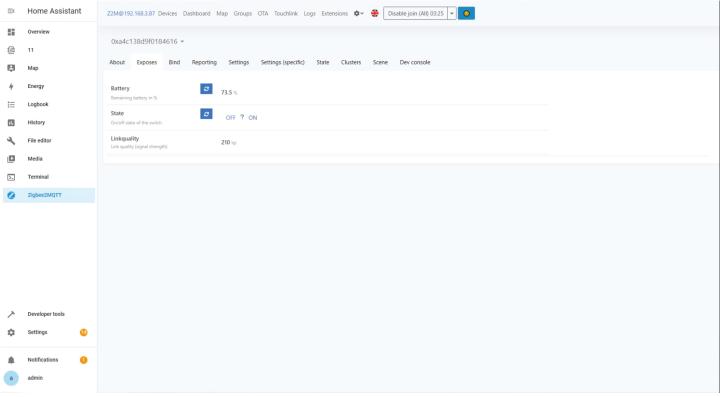


#### Zigbee2MQTT

- Install the battery to power on the smart watering kit and confirm
  it's in pairing mode. Otherwise, please press and hold the
  start/stop button for 5 seconds to factory reset the smart watering
  kit to initiate pairing mode.
- 2. Permit join to start Zigbee pairing in Zigbee2MQTT.
- Pairing completed, the smart watering kit will be displayed in the device list
- 4. Go to Settings page, create automation.







# **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 www.3reality.com/devicesupport. For customer support, please contact us at info@3reality.com or visit www.3reality.com.

For help and troubleshooting related to Amazon Alexa, visit the Alexa app.