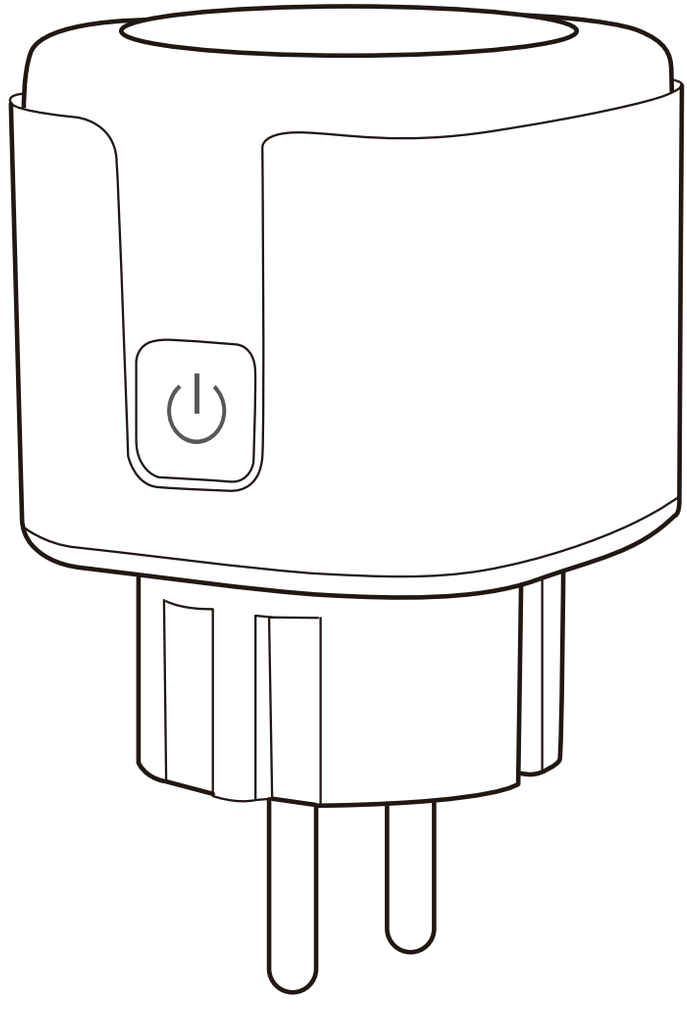
# Smart Plug E2

Quick Start Guide



THIRDREALITY

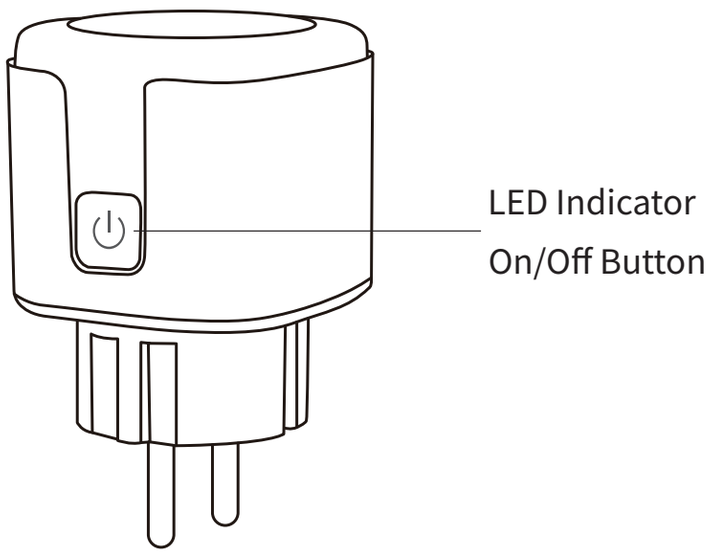
## Specifications

| | |
|---|---|
| Model Number | 3RSPE01044BZ |
| Electrical Characteristics | 100～250V~50/60Hz 16A Max |
| Working Temperature | -10°C～40°C |
| Operating Humidity | 5%～90% RH(Non-condensing) |
| Connectivity | Zigbee 3.0 |

## Features

1. Support real-time energy monitoring.
2. Compatible with Zigbee devices from Amazon Echo/ SmartThings/Home Assistant/Hubitat/Third Reality etc.
3. Act as a Zigbee repeater, increasing the range of your Zigbee mesh network.
4. Customize On/Off state when power is restored.

## Setting up your Smart Plug E2




### LED Status

Pairing: LED light flashes in red.

Pairing Completed: LED light is out.

Power ON: LED light is ON in red.

Power OFF: LED light is OFF.

## Factory Reset

After your Smart Plug is powered on, press and hold the On/Off button for more than 10 seconds until the LED light flashes indicating that your Smart Plug is in pairing mode.

## Pairing with compatible Echo Speakers or other Zigbee devices

Compatible devices: Echo 4th Gen, Echo Plus 1st Gen/2nd Gen, Echo Show 10 2nd Gen, Echo Show 10 3rd Gen, Echo Studio. Eero 6, Eero 6 Pro, SmartThings 2015/2018, Hubitat Elevation, Home Assistant (ZHA/Zigbee2MQTT), Third Reality Hub.

1. Update your hub firmware and phone app to the latest version before pairing, set up your Zigbee Hub by following its user manual.
2. Insert the Smart Plug into an outlet, it will enter pairing mode automatically.
3. Follow the instructions in the corresponding phone app to complete the setup. For compatible Echo Devices, you can also can say "Alexa, discover devices" , then Echo will find it automatically.

## Pairing with Hubs From Different Brands

Make sure to reboot the Echo speaker or hubs before pairing.

## Pairing with SmartThings

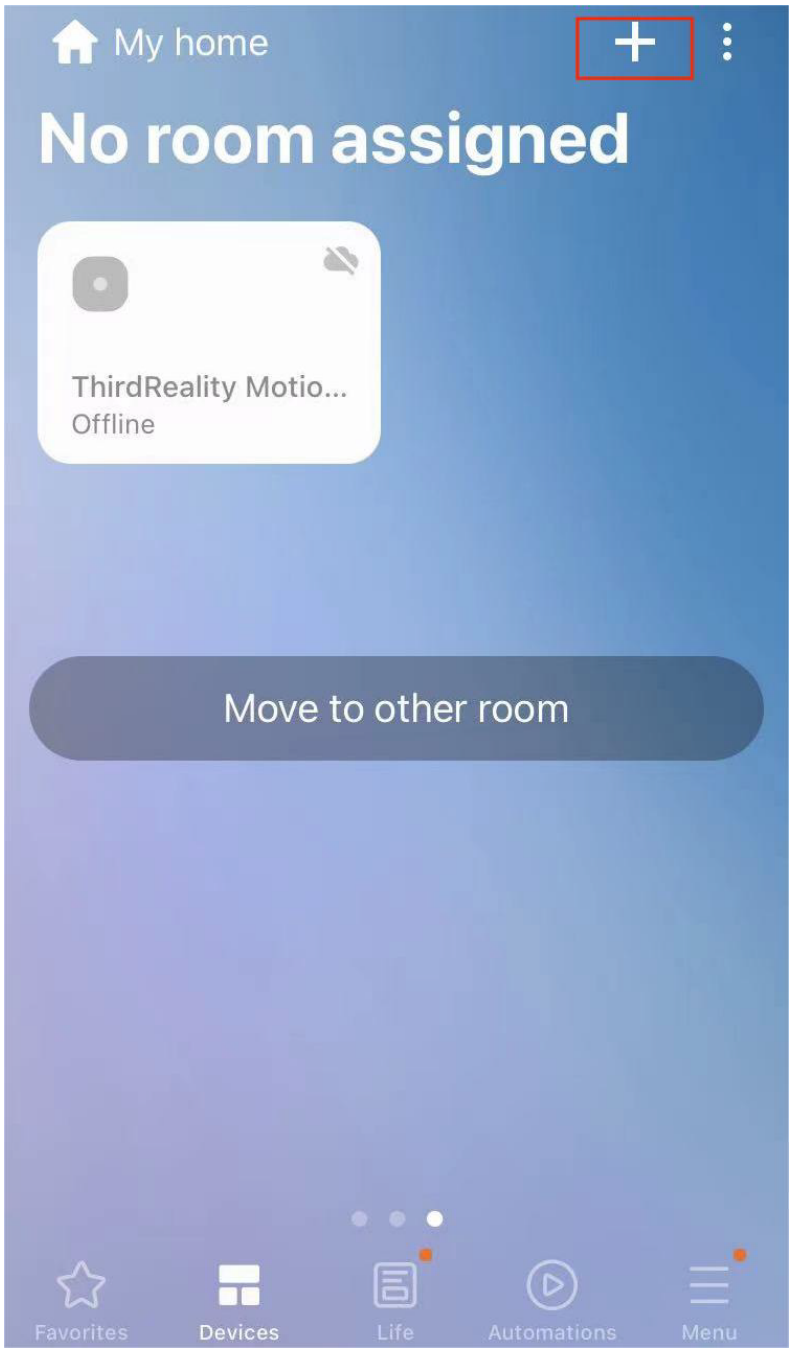
Compatible Devices: SmartThings Hub 2015&2018, Aeotec Smart Home Hub
App: SmartThings App

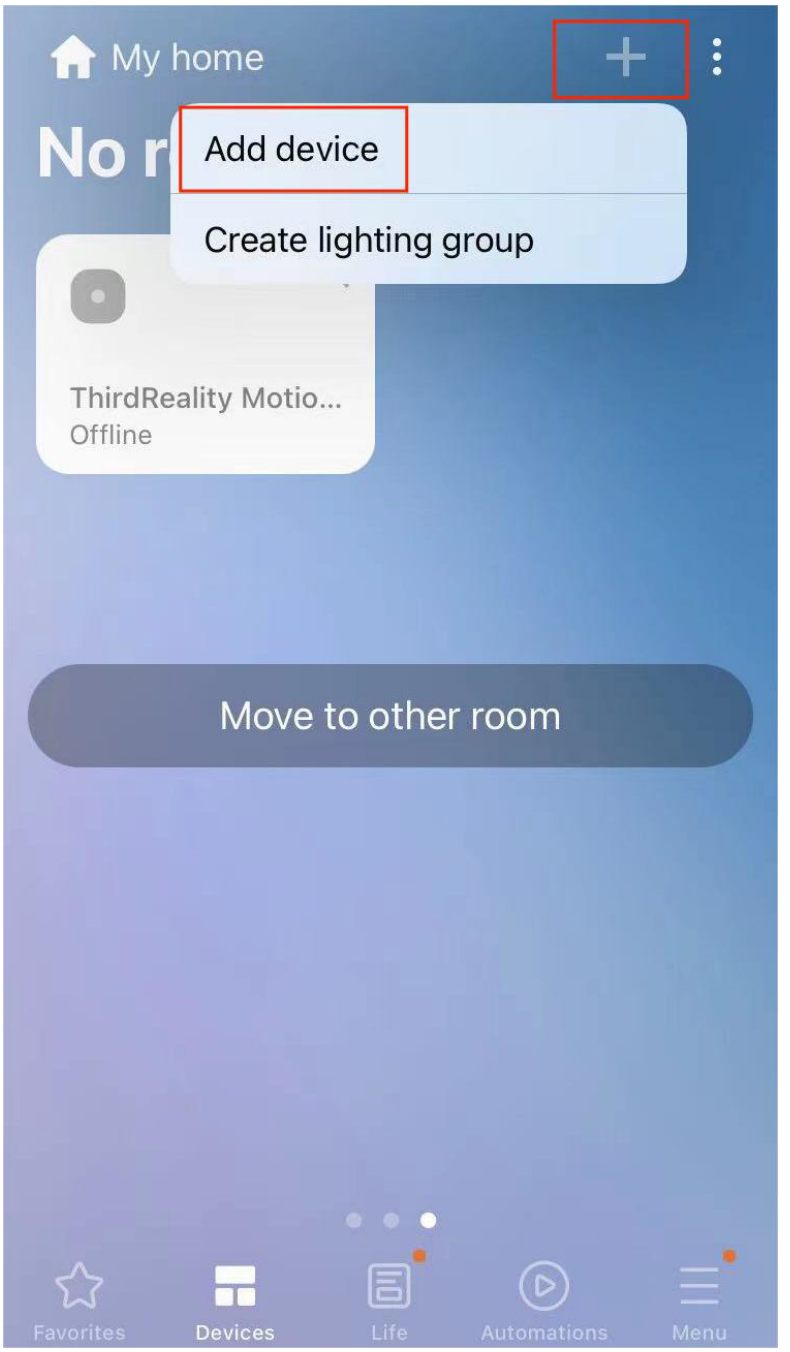
## Pairing steps:

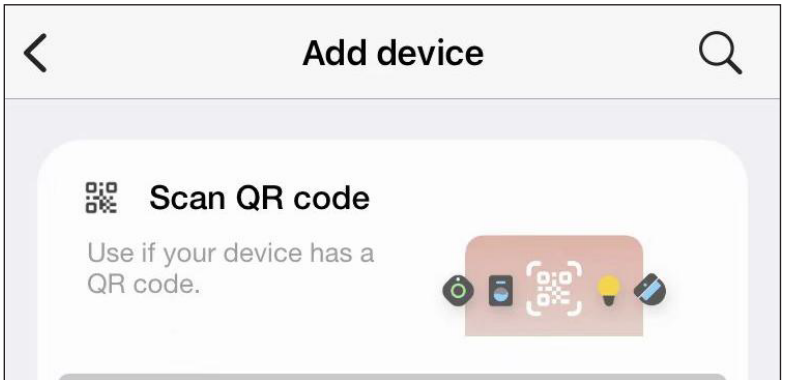
1. Check your SmartThings Hub for firmware updates before pairing the Smart Plug with it.
2. Plug the Smart Plug into a socket near the hub, the LED indicator flashes rapidly in red, indicating it is in pairing mode. It exits pairing mode within 3 minutes if not successfully paired. To put it into pairing mode again, press the  button for 10 seconds until the LED indicator flashes rapidly in red.
3. Tap "+" in the upper right in your SmartThings app, then tap "Scan for nearby devices", the Smart Plug will

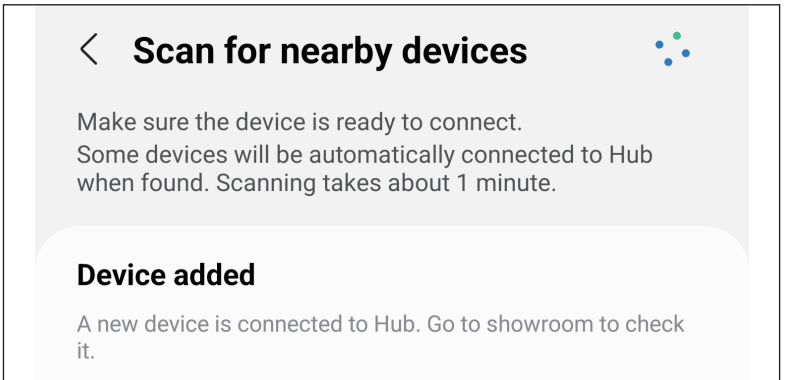
be paired within seconds.

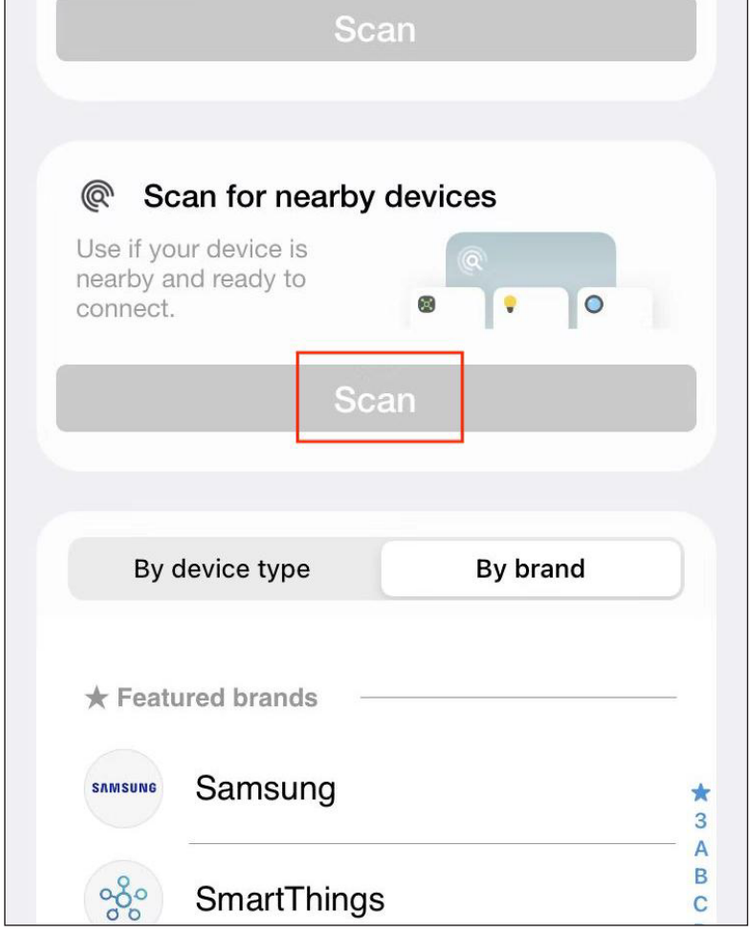
4. You can turn on/off the plug , or you can create routine to control it.

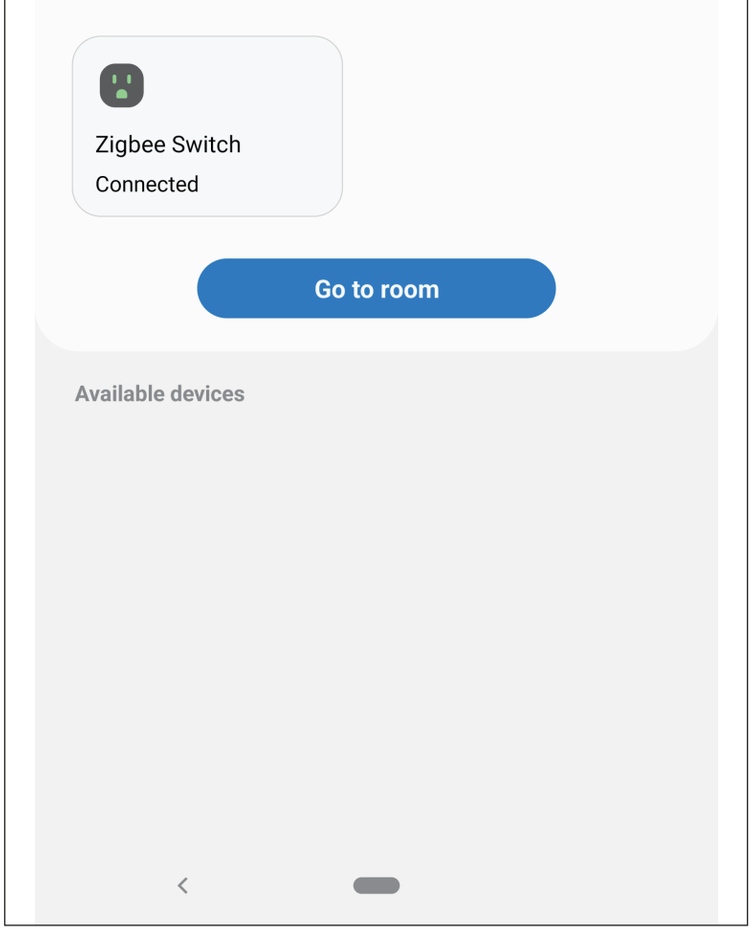


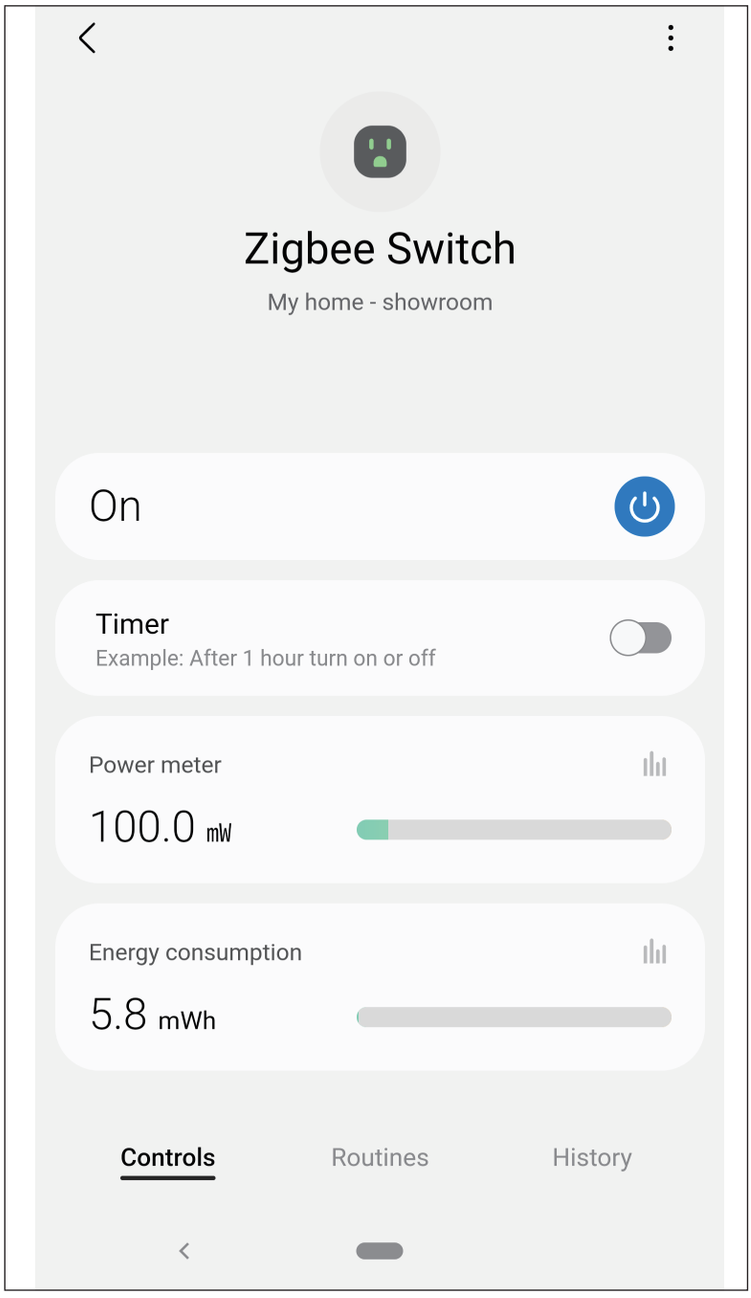



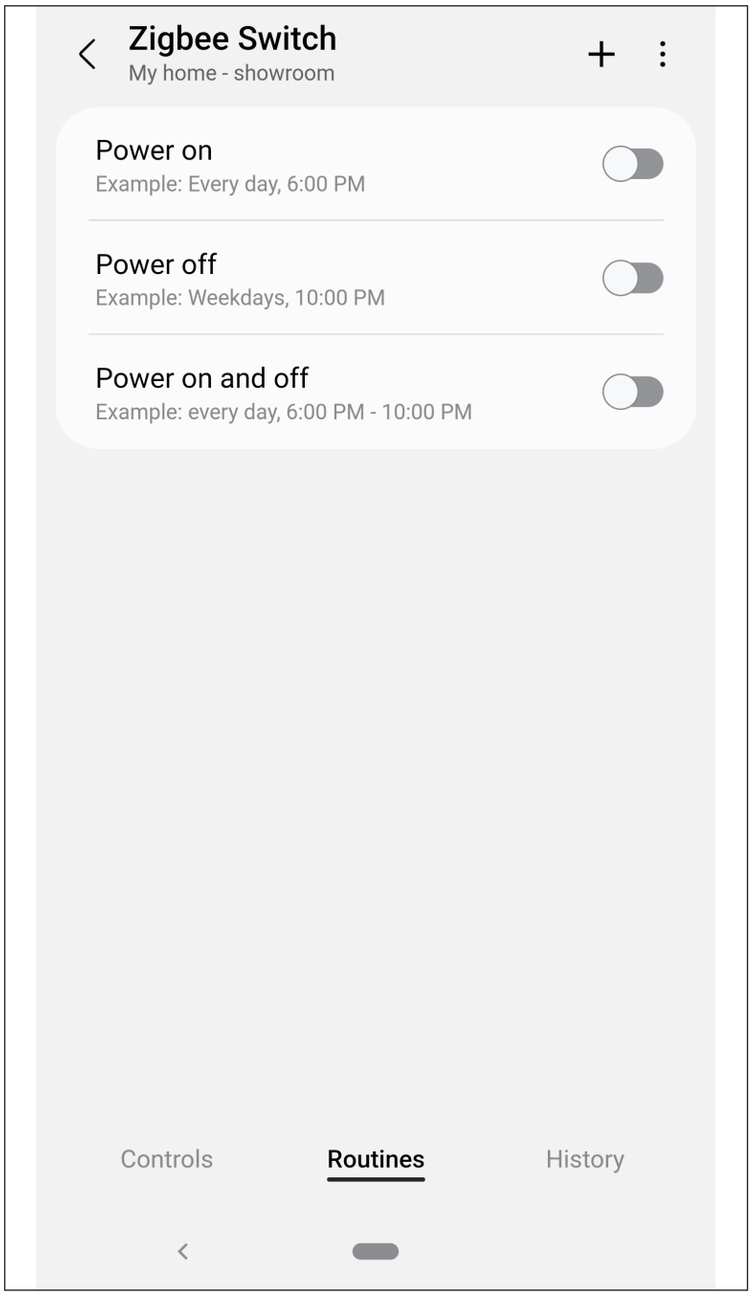




Scan
Scan for nearby devices
Use if your device is nearby and ready to connect.
Scan
By device type
By brand
Featured brands
Samsung
SmartThings
3
A
B
C


Zigbee Switch
Connected
Go to room
Available devices


Zigbee Switch
My home - showroom
On
Timer
Example: After 1 hour turn on or off
Power meter
100.0 mW
Energy consumption
5.8 mWh
Controls
Routines
History


Zigbee Switch
My home - showroom
Power on
Example: Every day, 6:00 PM
Power off
Example: Weekdays, 10:00 PM
Power on and off
Example: every day, 6:00 PM - 10:00 PM
Controls
Routines
History

## Pairing with Amazon Echo

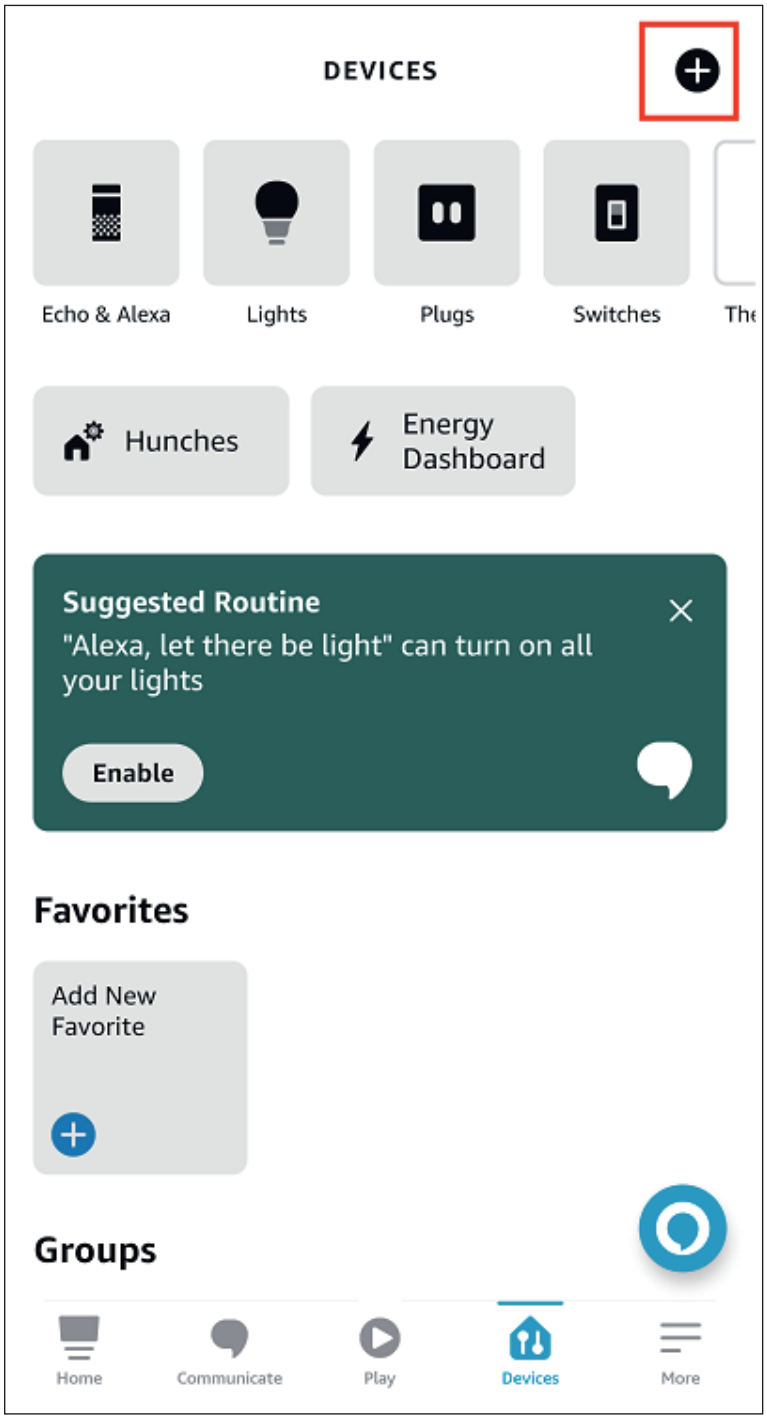
Compatible Devices: Echo 4th Gen, Echo Plus 1st Gen/2nd Gen, Echo Show 10 2nd Gen, Echo Show 10 3rd Gen, Echo Studio.
App: Amazon Alexa App

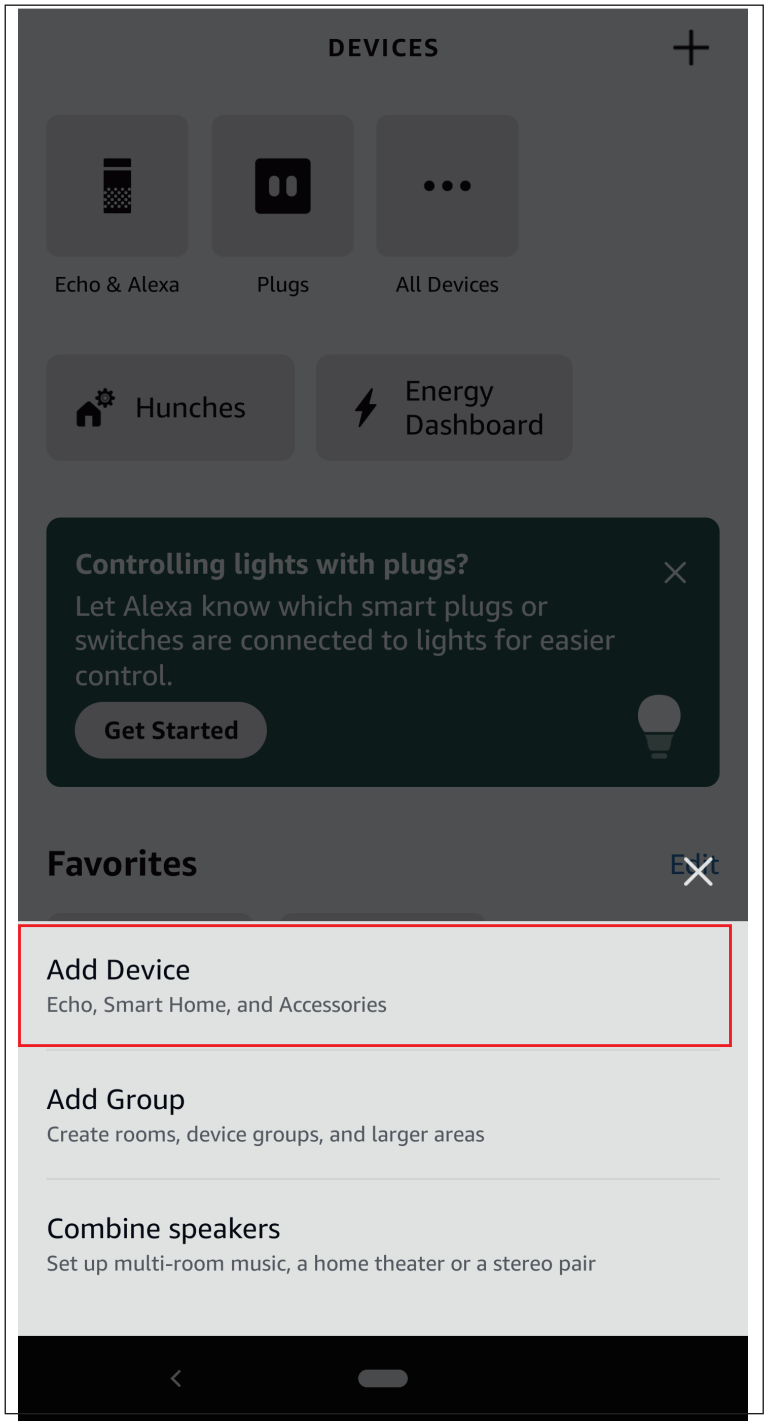
### Pairing steps:

1. Check your Echo speaker for firmware updates before pairing.
2. Plug the Smart Plug into a power outlet near the Echo speaker, the LED indicator of the plug flashes rapidly in red, indicating it is in pairing mode. It exits pairing mode within 3 minutes if not successfully paired. To put it into pairing mode again, press the button for 10 seconds until the LED indicator flashes rapidly in red.
3. Tap "+" in the upper right in your Alexa app to "Add Device", scroll down to choose "Other", then choose

Zigbee connection to add device, or simply ask Alexa to discover devices, the Smart Plug will be paired within seconds.

4. You can turn on/off the plug through voice assistant or Echo app on your phone, or you can create routine to control it.



SETUP

## Which device would you like to set up?

- Air Quality Monitor
- Clock
- Doorbell
- Kettle
- Smartwatch
- Soap Dispenser
- Water Heater
- Other

Home | Communicate | Play | Devices | More

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.

matter | Bluetooth | zigbee | Wi-Fi | Z-WAVE

Can't find a matching logo?

SETUP

## Connect your Zigbee device to Alexa

1. Make sure your device is within 30 feet of your compatible Echo or hub.
2. Put your device into pairing mode by powering it off and on again.
3. Press Discover Devices

SETUP

## First plug is set up and ready to use

To control it, say

*"Alexa, turn on First plug"*

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

**Discover Devices**

**Done**

ALL DEVICES

First plug
• New Device

Ruby's 2nd Echo Dot
Offline

Ruby's Echo
Online

Ruby's Echo Dot
Offline

Ruby's RealityVoice
Offline

Alexa on this Phone
Online

Home | Communicate | Play | Devices | More

FIRST PLUG

**Power is Off**

Create a Routine

Home | Communicate | Play | Devices | More

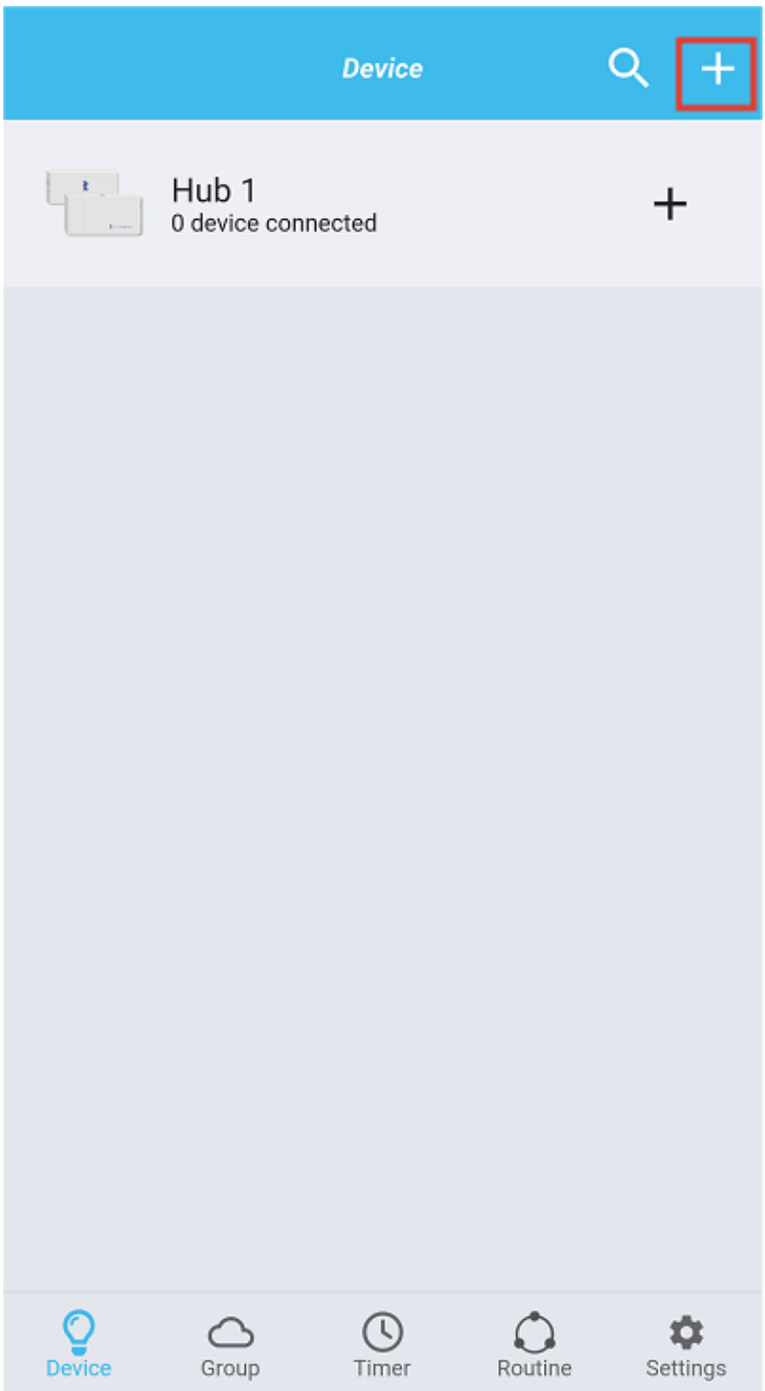
# Pairing with Third Reality

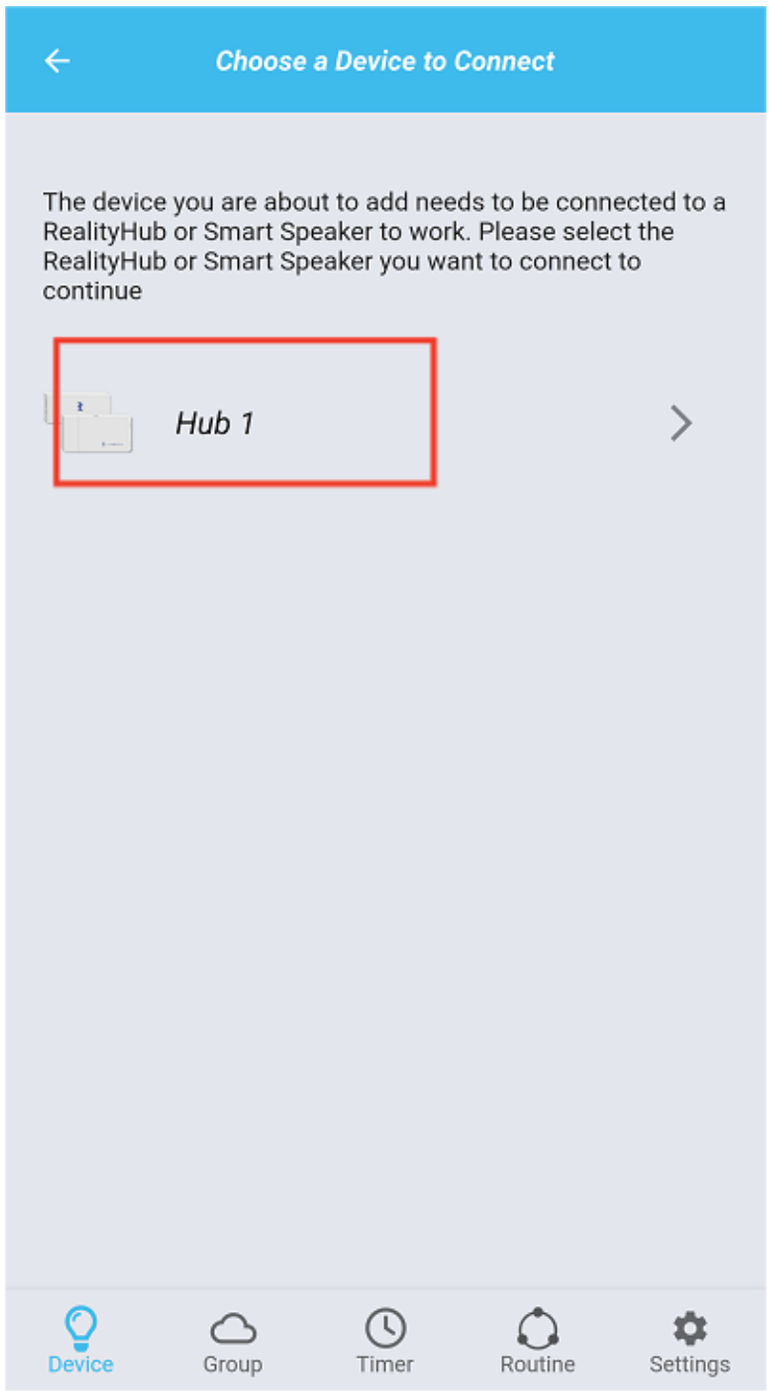
ZigBee Hub: Smart Hub Gen2/Smart Hub Gen2 Plus
App: Third Reality App

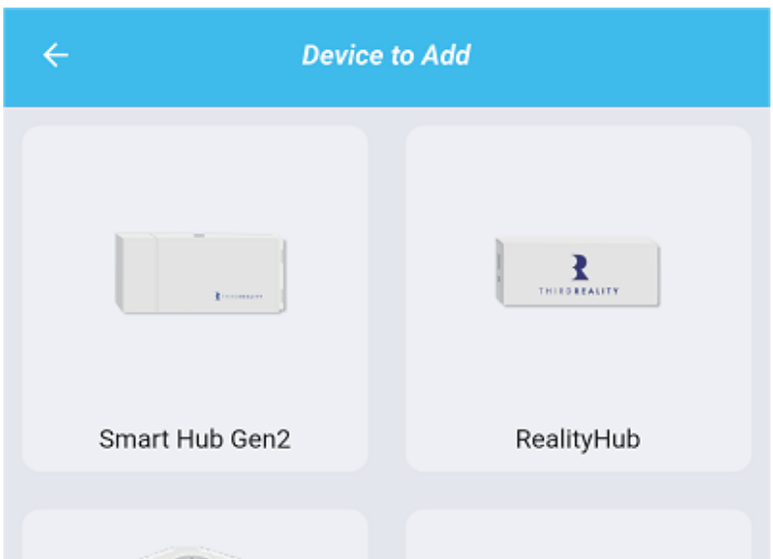
## Pairing steps:

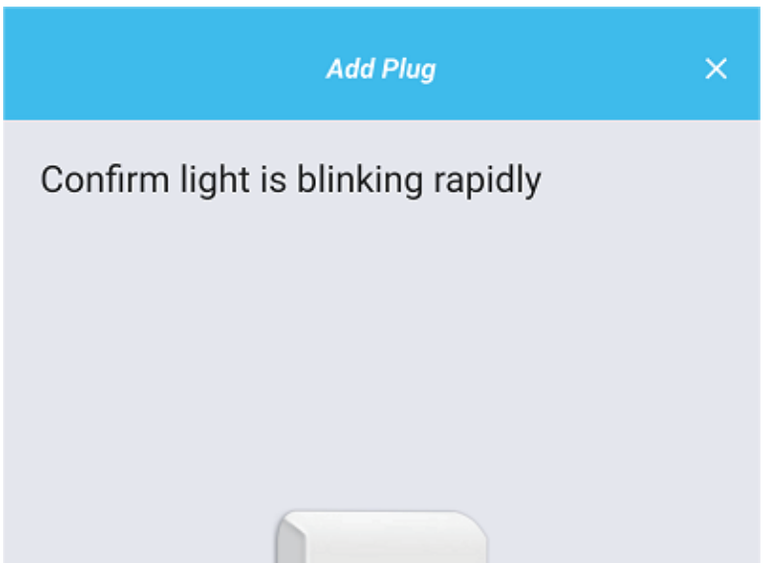
1. Check your Smart Hub Gen2, Smart Plug E2, and Third Reality app for updates to make sure all latest versions before pairing.
2. Plug the Smart Plug into a socket near the hub, the LED indicator flashes rapidly in red, indicating it is in pairing mode. It will quit pairing mode within 3 minutes if not successfully paired. To put it into pairing mode again, press the button for 10 seconds until the LED indicator flashes rapidly in red.
3. Tap "+" in the up right in Third Reality app, tap the plug icon, choose the hub, then tap "Pair" to add plug, the Smart Plug will be paired within seconds. You can see power meter and total consumption in device page, and customize "Default Safety Setting" after power

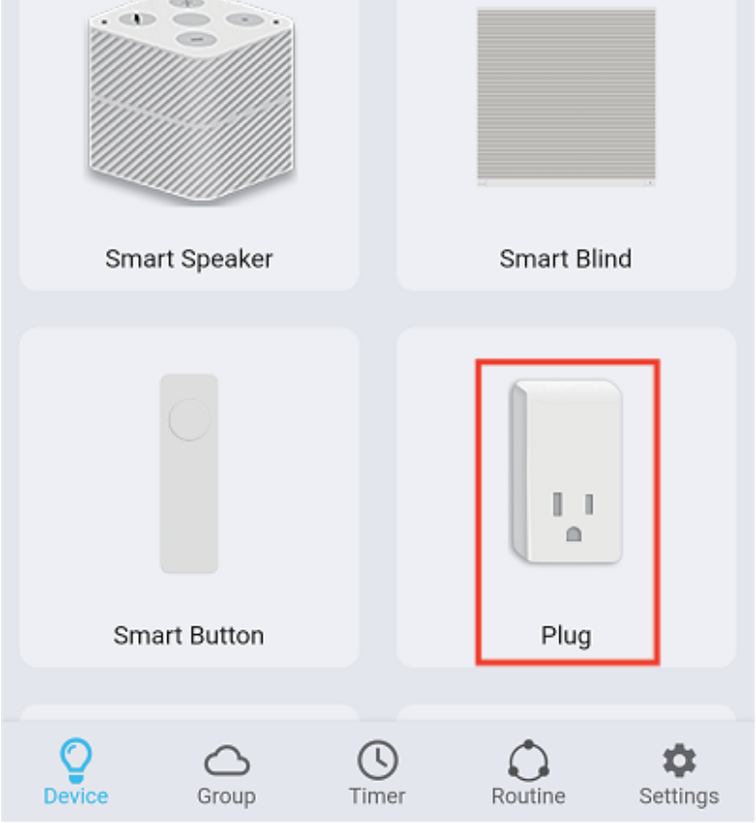
outage.

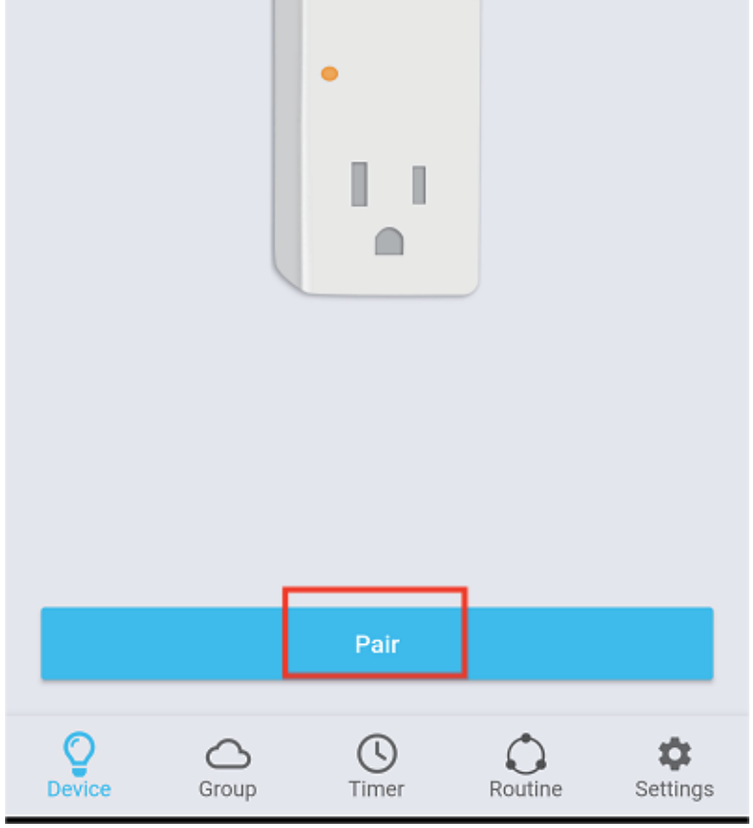

Device
Hub 1
0 device connected
Device
Group
Timer
Routine
Settings

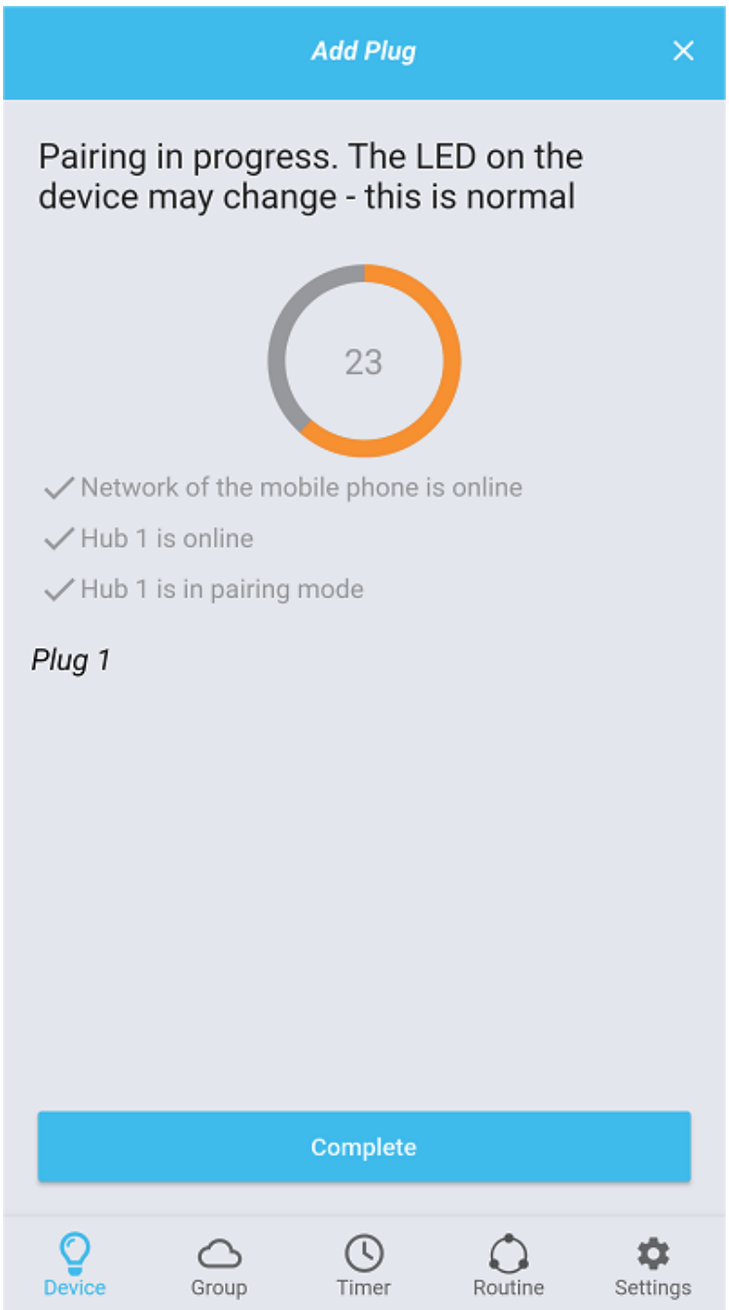

Choose a Device to Connect
The device you are about to add needs to be connected to a RealityHub or Smart Speaker to work. Please select the RealityHub or Smart Speaker you want to connect to continue
Hub 1
Device
Group
Timer
Routine
Settings

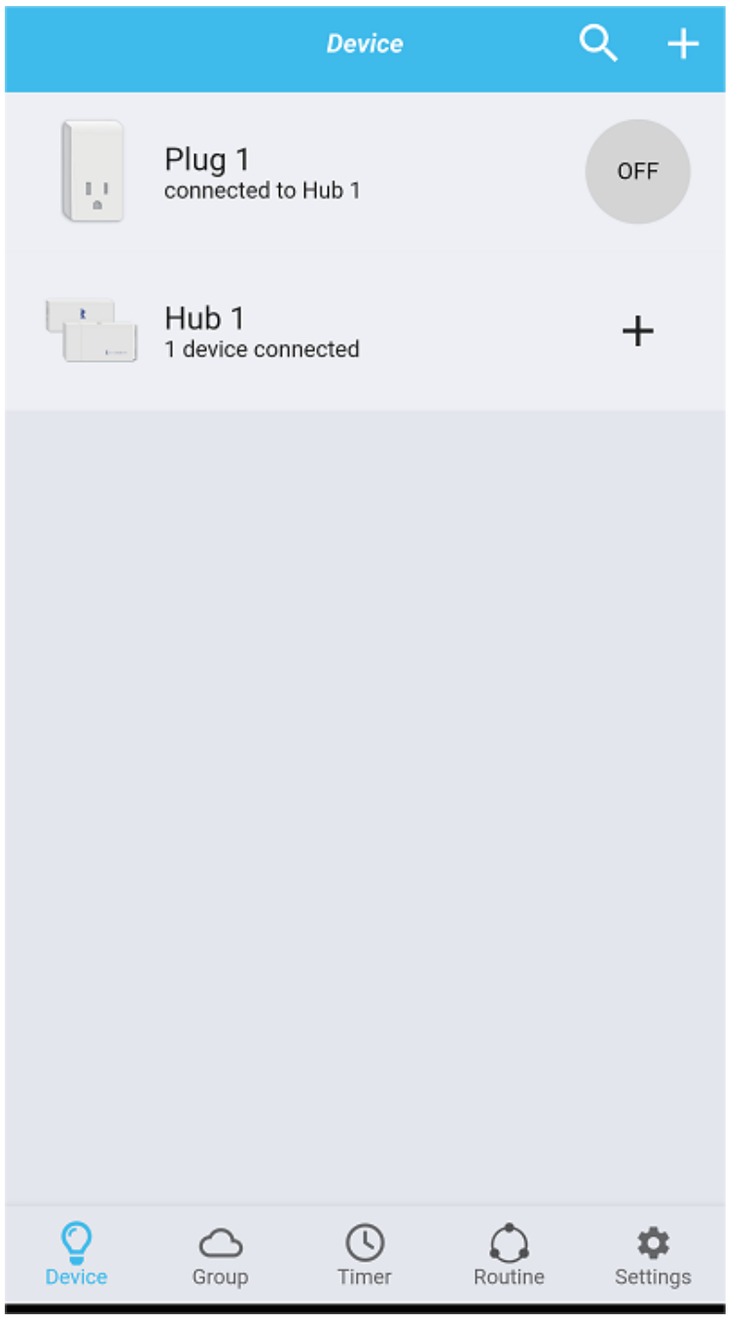

Device to Add
Smart Hub Gen2
RealityHub

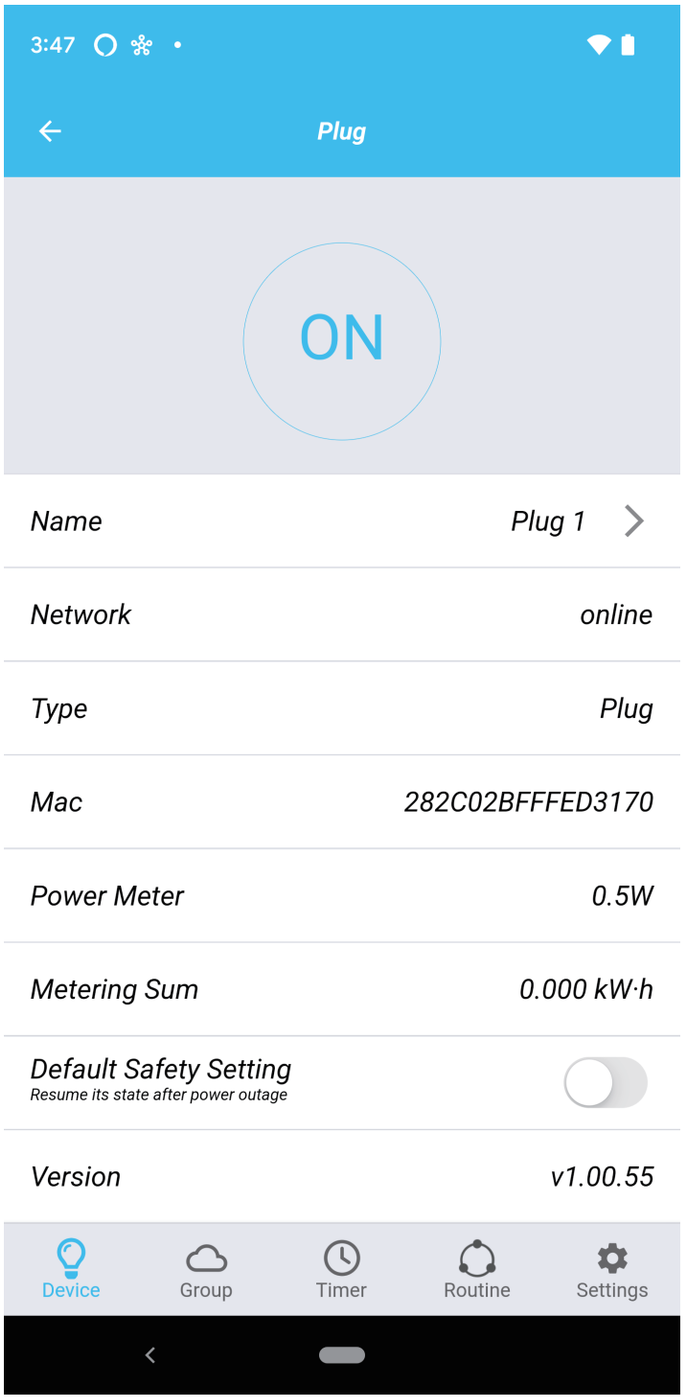

Add Plug
Confirm light is blinking rapidly


Smart Speaker
Smart Blind
Smart Button
Plug
Device
Group
Timer
Routine
Settings


Pair
Device
Group
Timer
Routine
Settings


Add Plug
Pairing in progress. The LED on the device may change - this is normal
23
Network of the mobile phone is online
Hub 1 is online
Hub 1 is in pairing mode
Plug 1
Complete
Device
Group
Timer
Routine
Settings


Device
Plug 1
connected to Hub 1
OFF
Hub 1
1 device connected
Device
Group
Timer
Routine
Settings

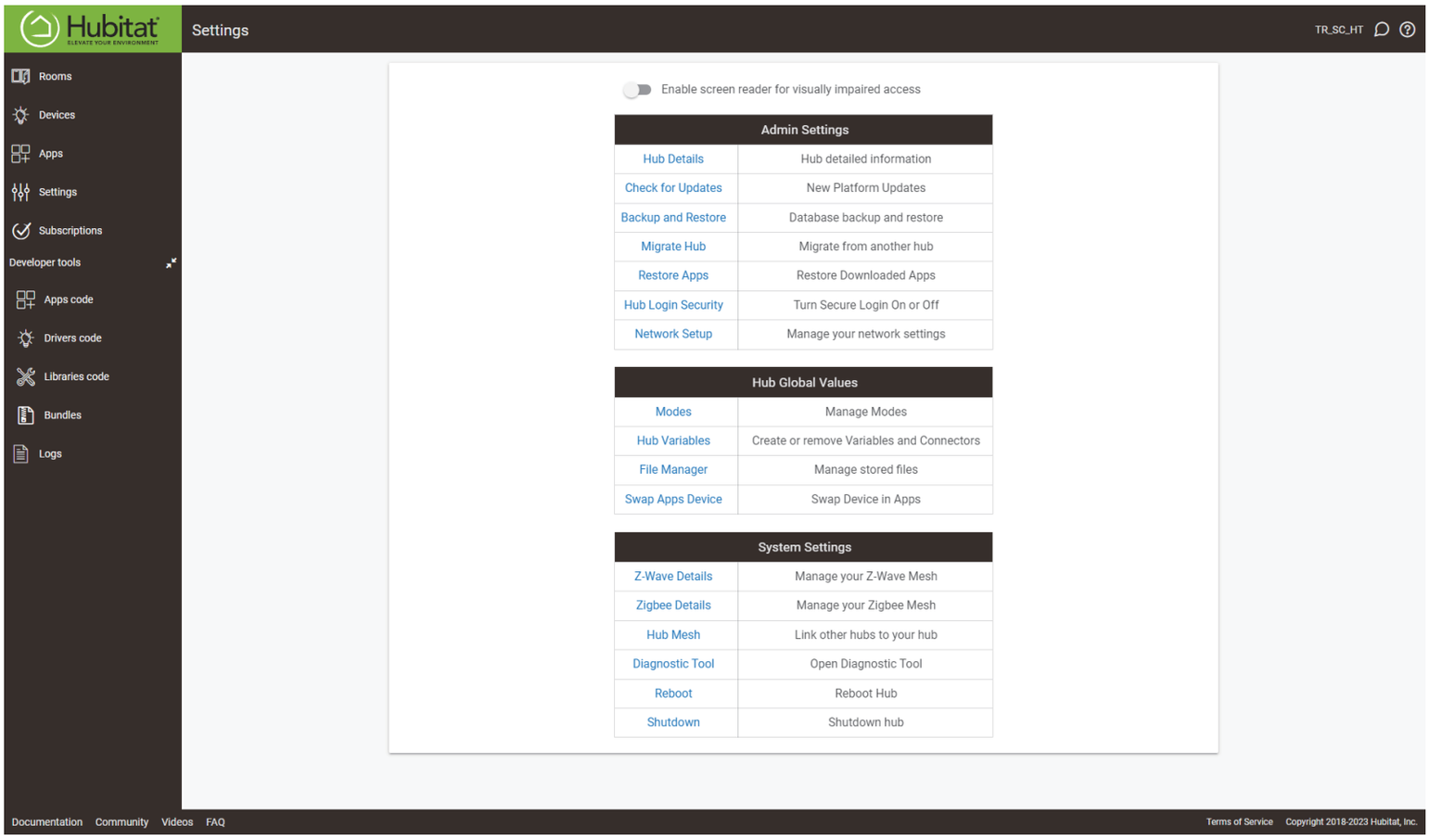



# Pairing with Hubitat

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

## Pairing steps:

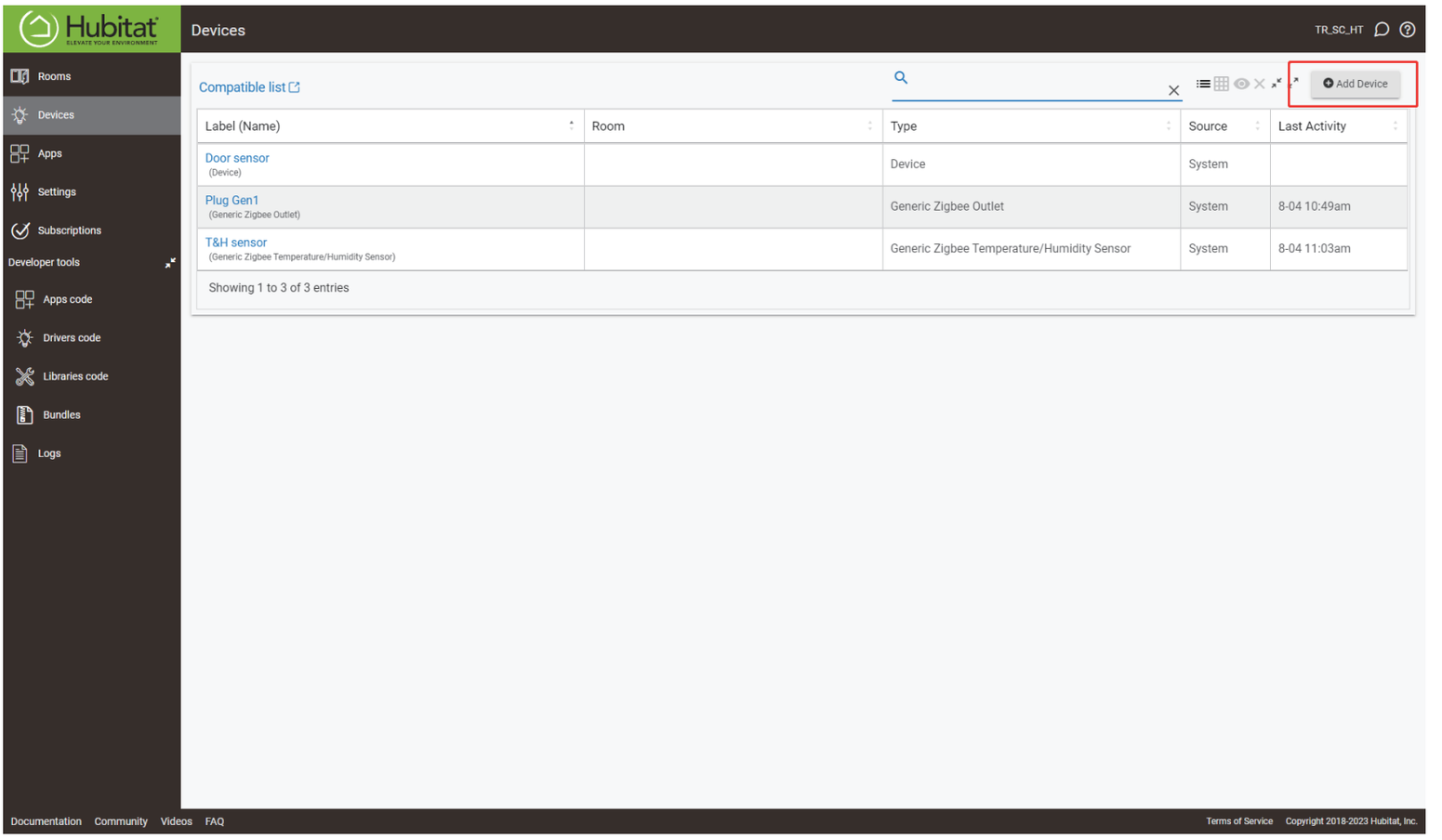
1. Before pairing the Smart Plug with Hubitat Elevation, check for firmware update in your Hubitat settings page.



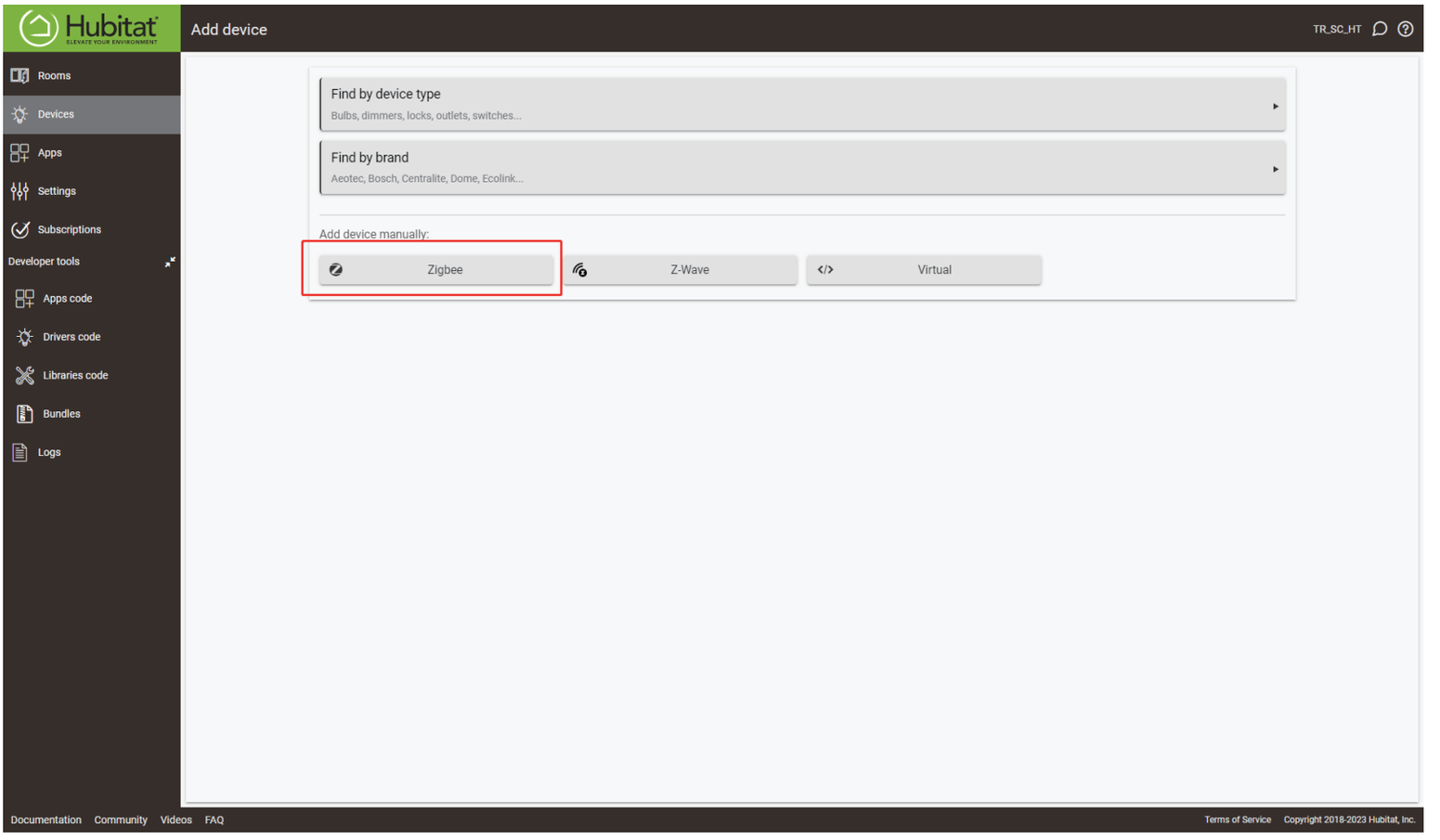

2. Plug the Smart Plug into a socket near the hub, the LED indicator flashes rapidly in red, indicating it is in pairing mode. It exits pairing mode within 3 minutes if not successfully paired. To put it into pairing mode again,

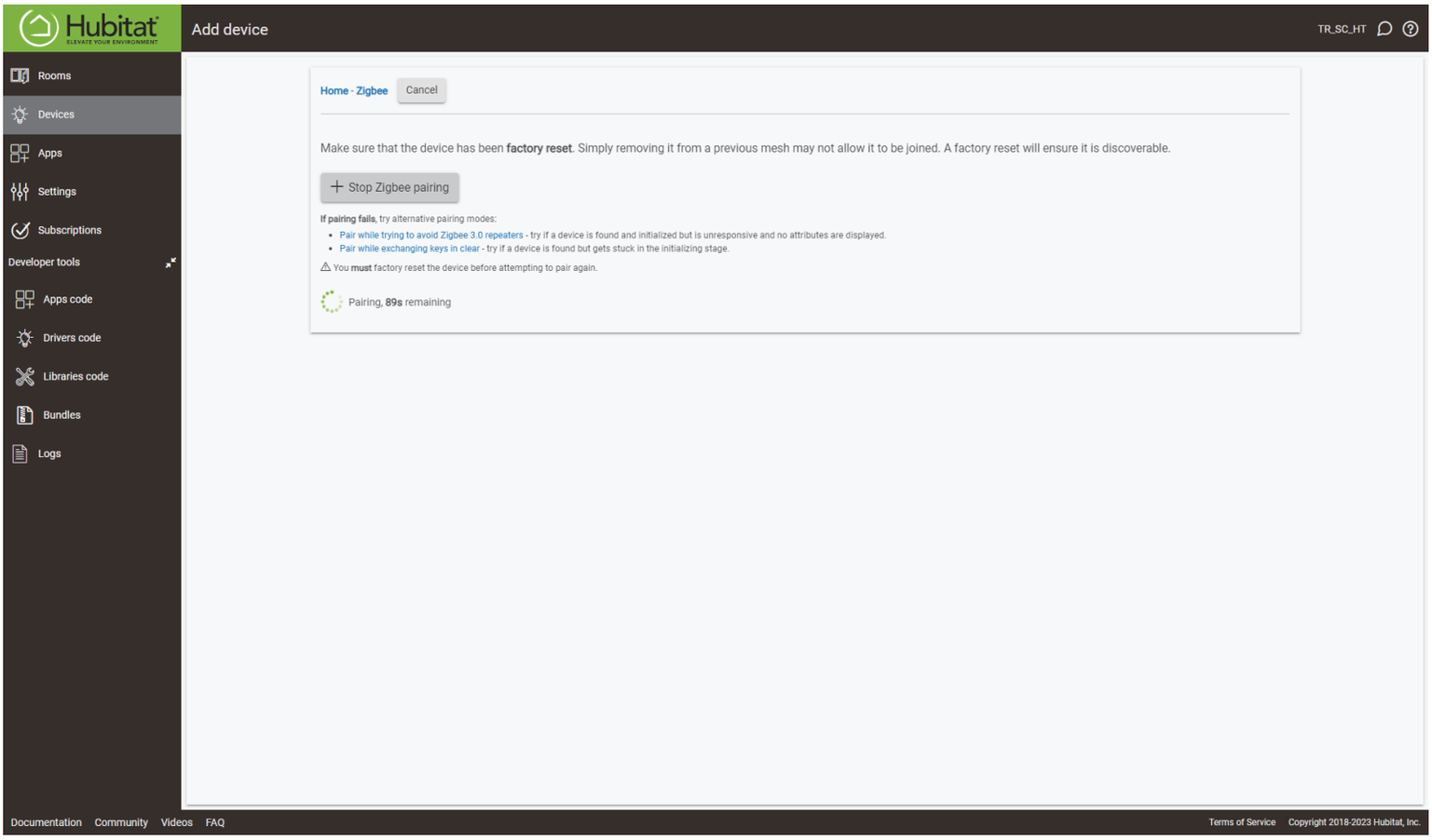
press the button for 10 seconds until the LED indicator flashes rapidly in red.

3. Tap Device tab to add device.

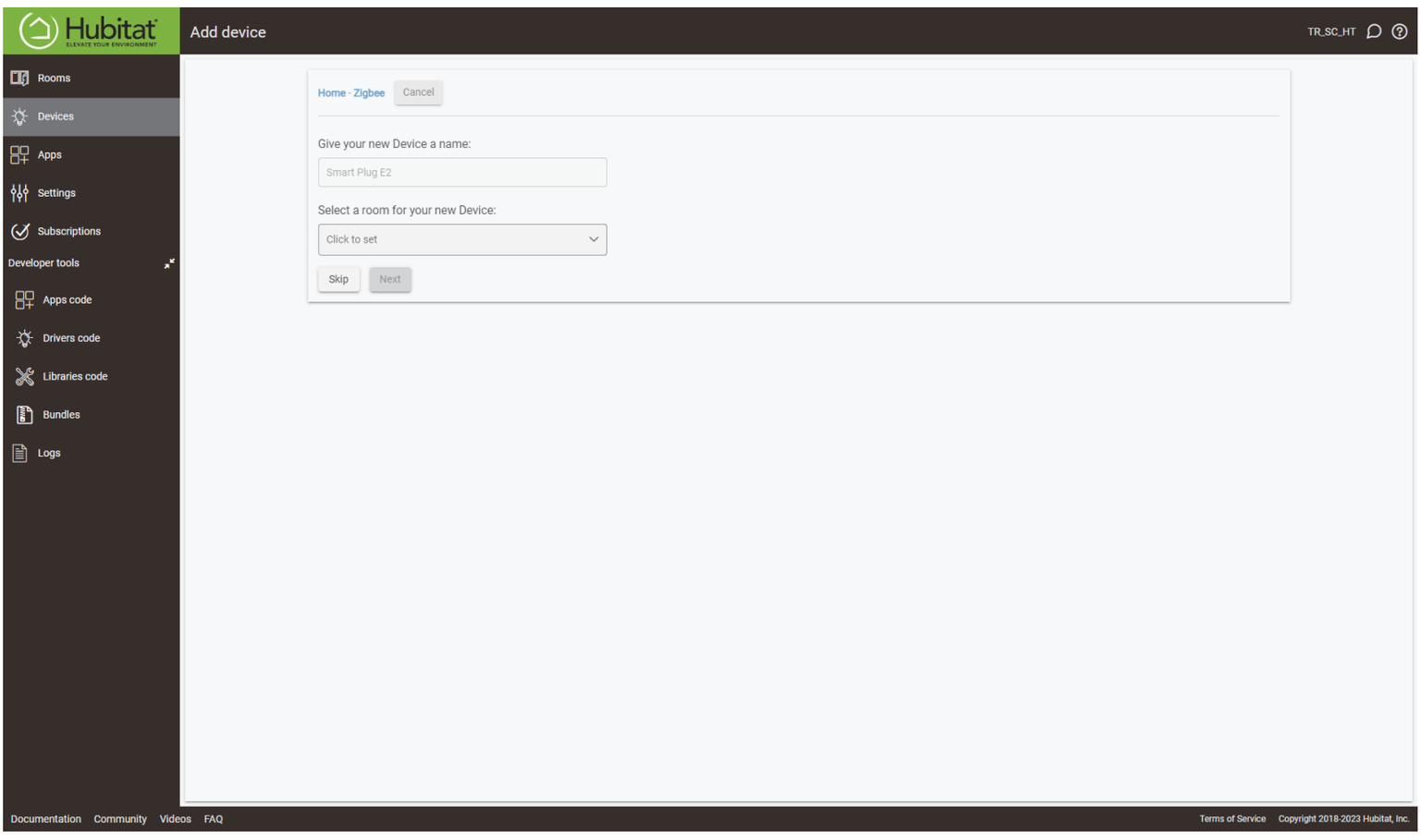



4. Choose Zigbee to add device manually.






5. The Smart Plug will be paired within seconds, then you can rename it and edit its location.




6. Now you can turn on/off the Smart Plug .

Hubitat
ELEVATE YOUR ENVIRONMENT

Smart Plug E2

TR_SC_HT

- Rooms
- Devices
- Apps
- Settings
- Subscriptions

Developer tools

- Apps code
- Drivers code
- Libraries code
- Bundles
- Logs

« Device List | Events | Logs

## Commands

| Configure | Flash | Off | On |
|---|---|---|---|
| configure | flash | off | on |

| Refresh | Update Firmware |
|---|---|
| refresh | updateFirmware |

Current States

- power : **0**
- switch : **off**

State Variables

- checkPhase : **0**
- bin : **-1**

## Preferences

Enable automatic power reporting (default:Disabled)
Disabled

Flash rate
750ms

Enable debug logging

Enable descriptionText logging

Save Preferences

## Device Information

Device Name *
Generic Zigbee Outlet

Device Network Id *
396F

edit

Documentation Community Videos FAQ

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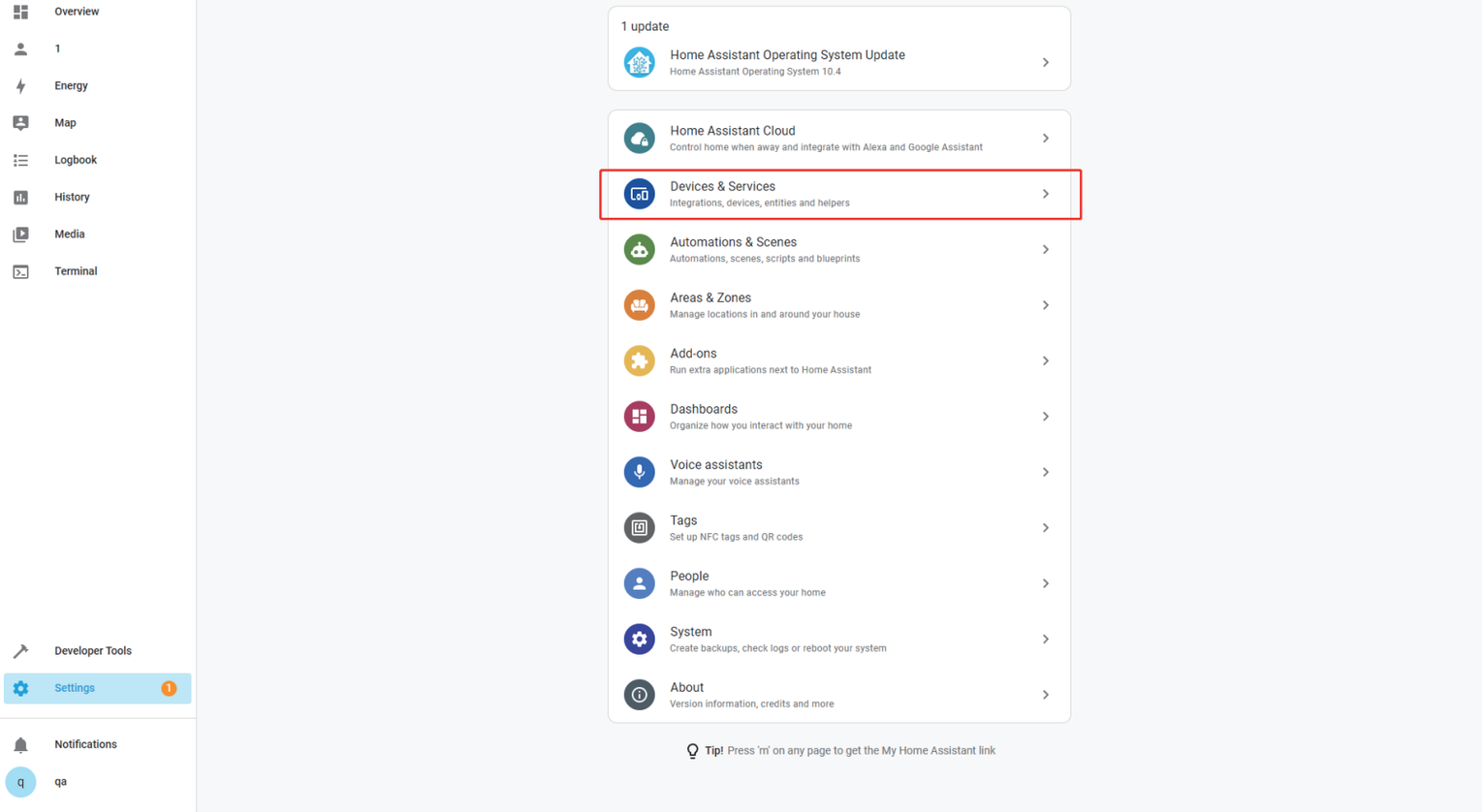
# Pairing with Home Assistant

## Pairing steps:

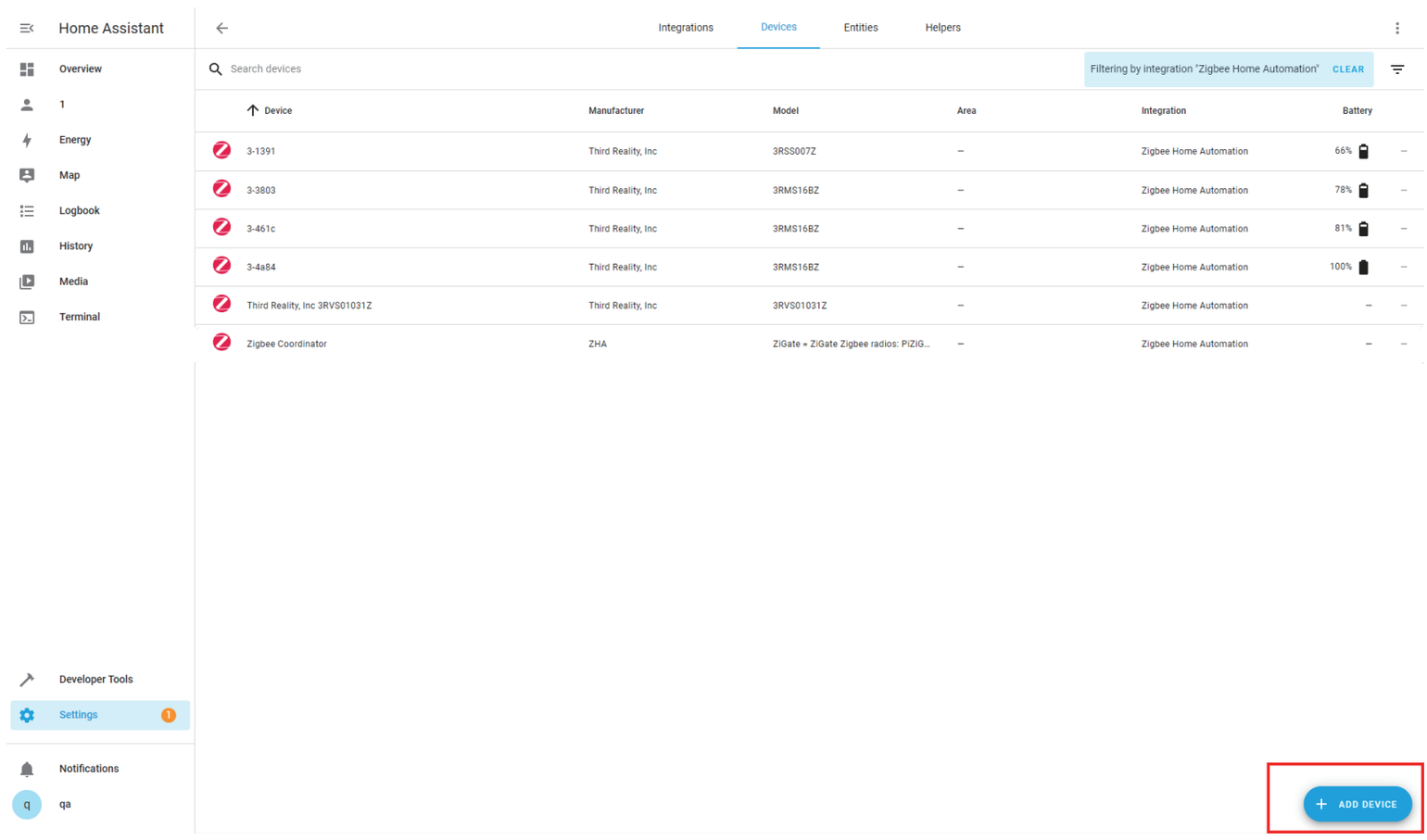
## Zigbee Home Automation(ZHA)

1. Plug the Smart Plug into a socket near the hub, the LED indicator flashes rapidly in red, indicating it is in pairing mode. It exits pairing mode within 3 minutes if not successfully paired. To put it into pairing mode again, press the button for 10 seconds until the LED indicator flashes rapidly in red.

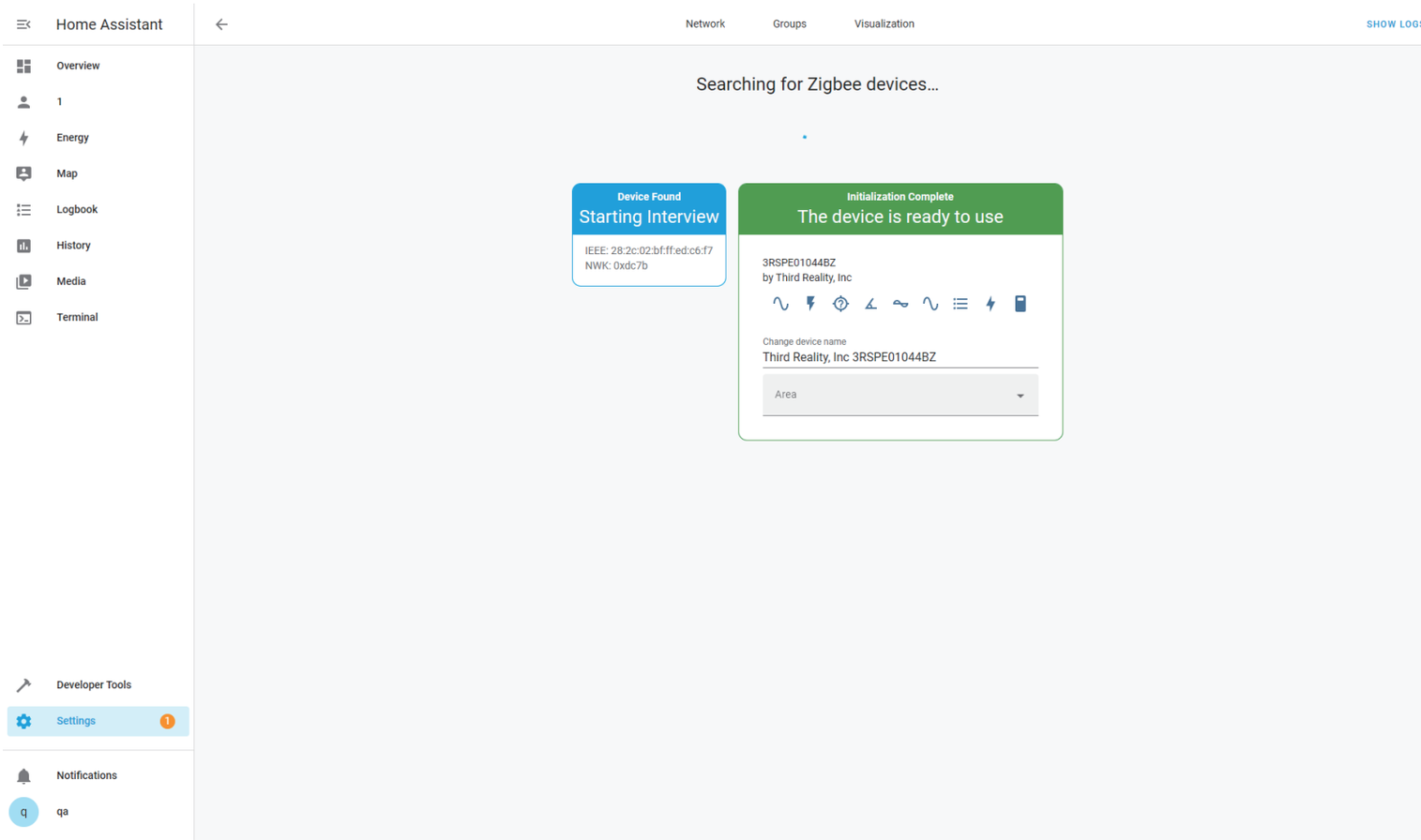
2. Make sure Home Assistant Integration Zigbee Home Automation Setup is ready, then go to "settings" page, Click "Devices & Services".



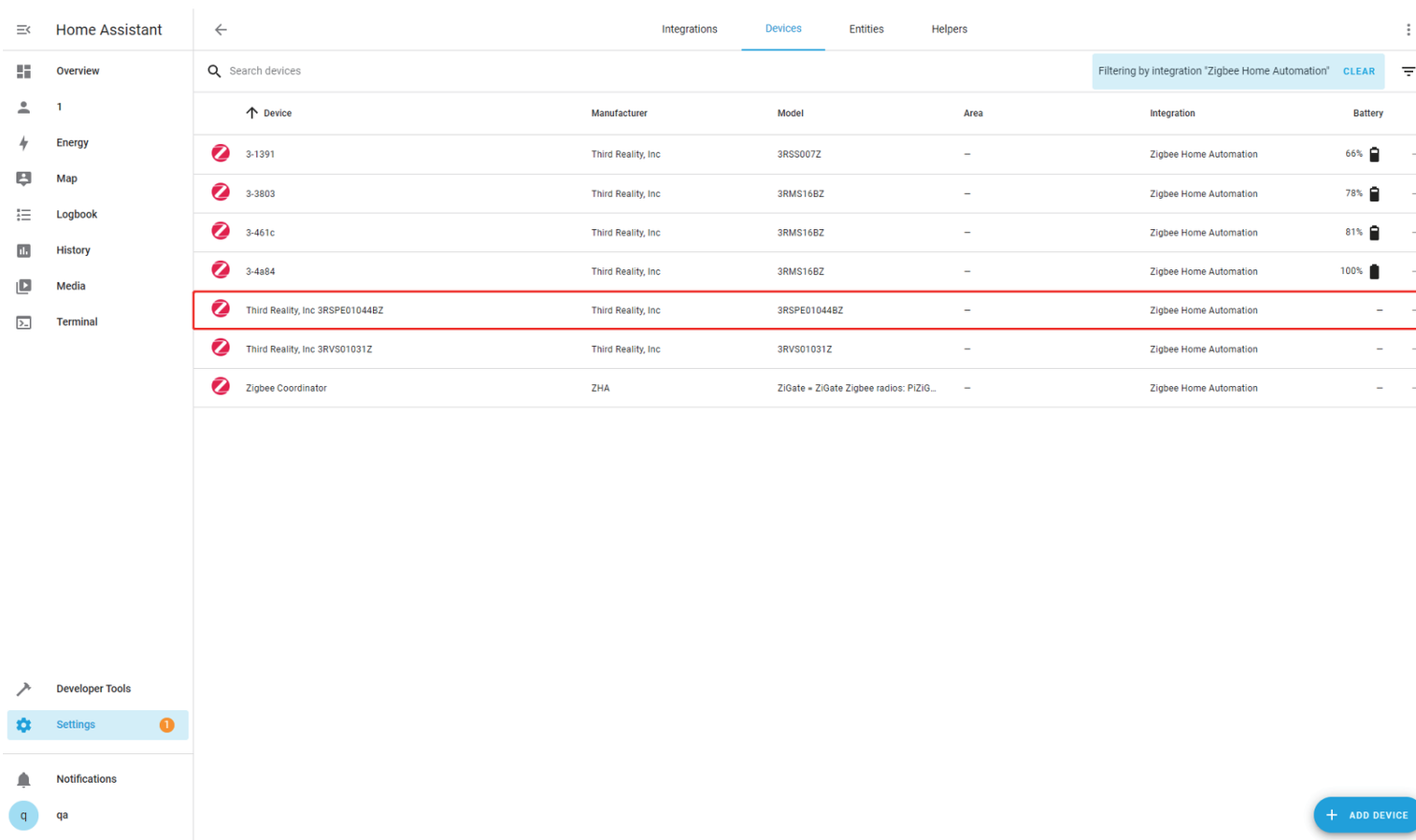

3. Then click the "Devices" on the Zigbee item, then click "Add Devices".



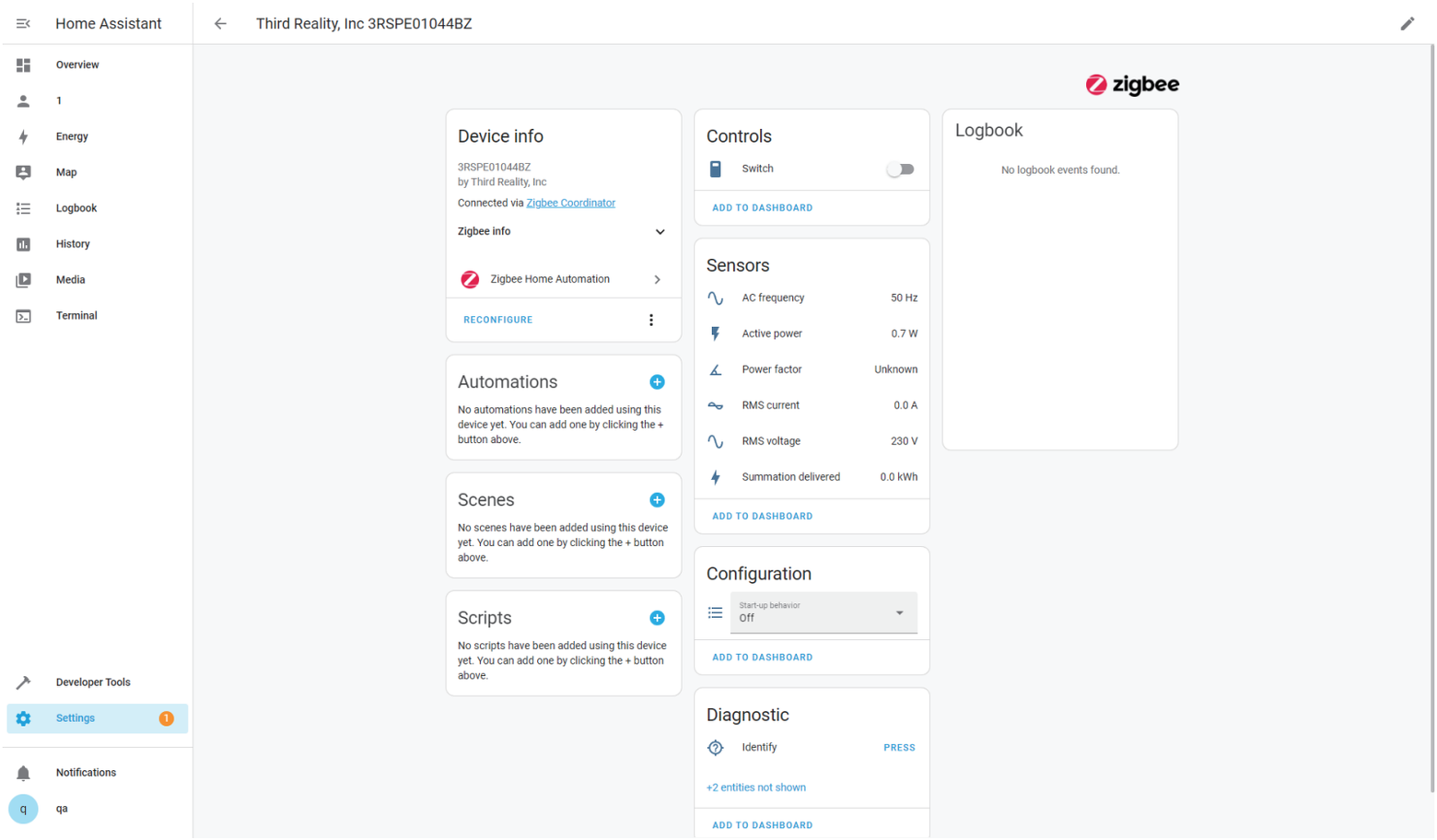

4. After the pairing is completed succssfully, it will show up in the page.




5. Back to "Devices", then you can find the smart Plug added.



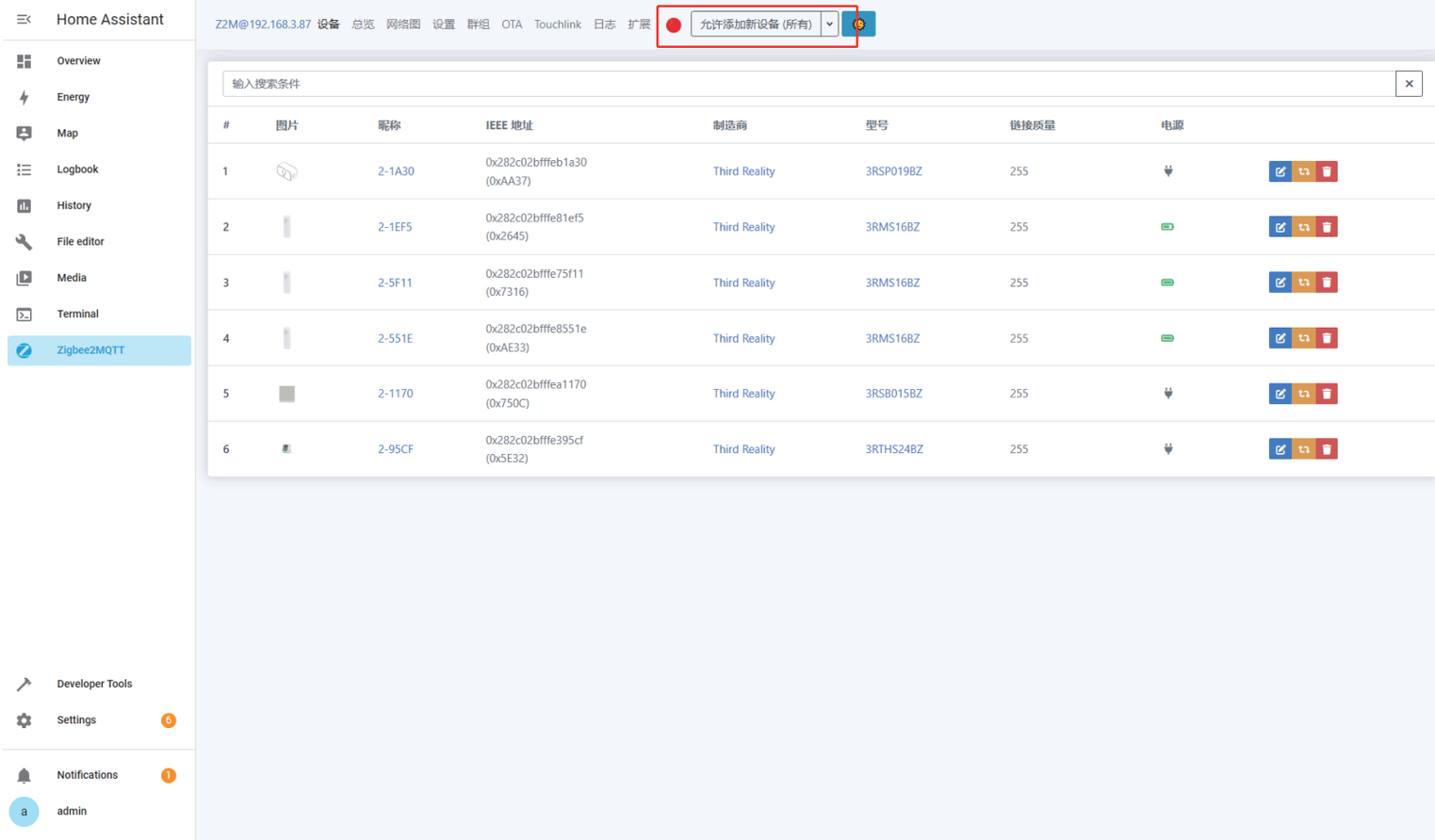
6. Click to enter in the control interface to set the Smart Plug, you can monitor the active power and preset on/off satates after power outage in the devces page.



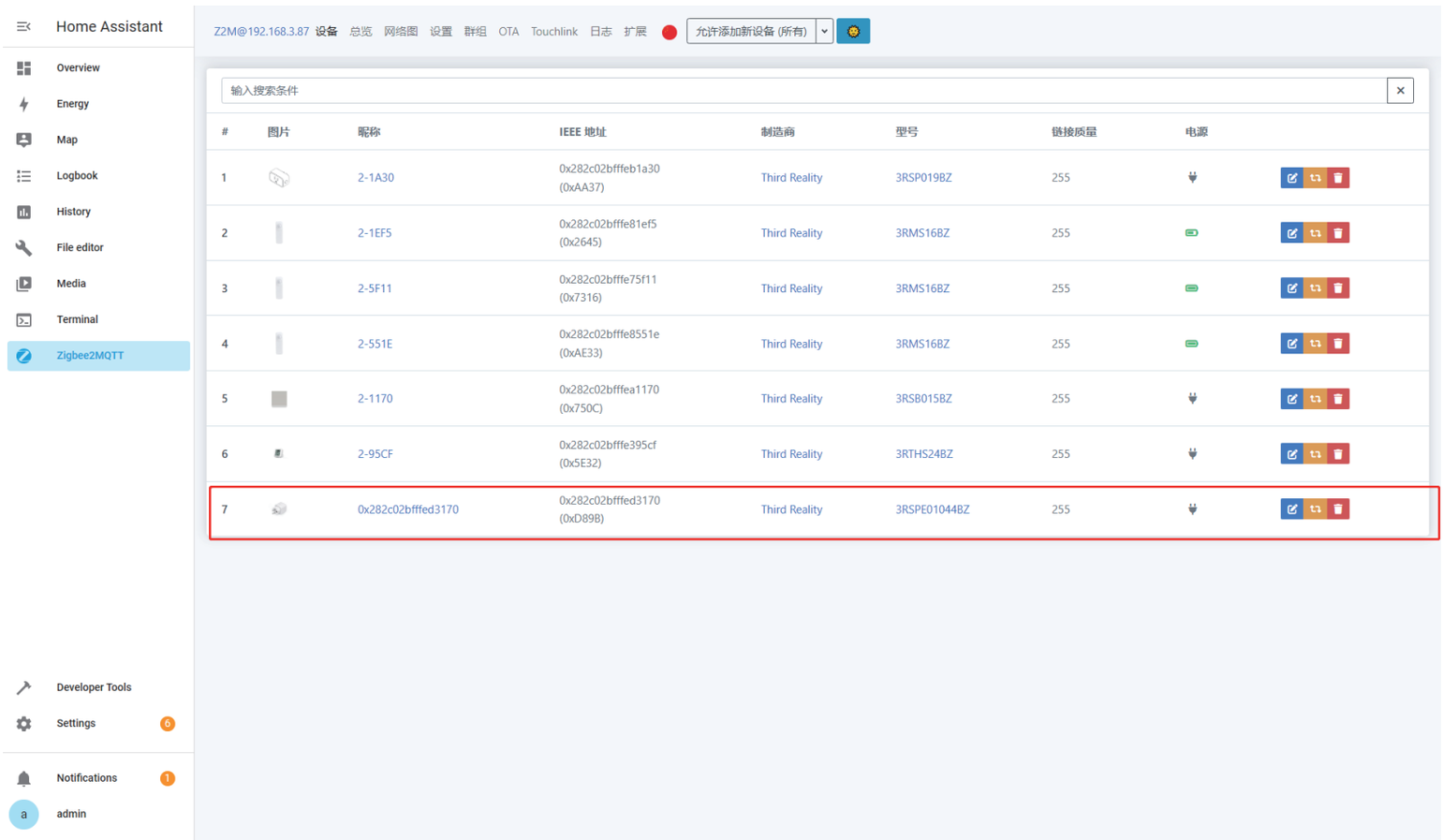

# Zigbee2MQTT

1. Plug the Smart Plug into a socket near the hub, the LED indicator flashes rapidly in red, indicating it is in pairing mode. It exits pairing mode within 3 minutes if not successfully paired. To put it into pairing mode again, press the button for 10 seconds until the LED indicator flashes rapidly in red.

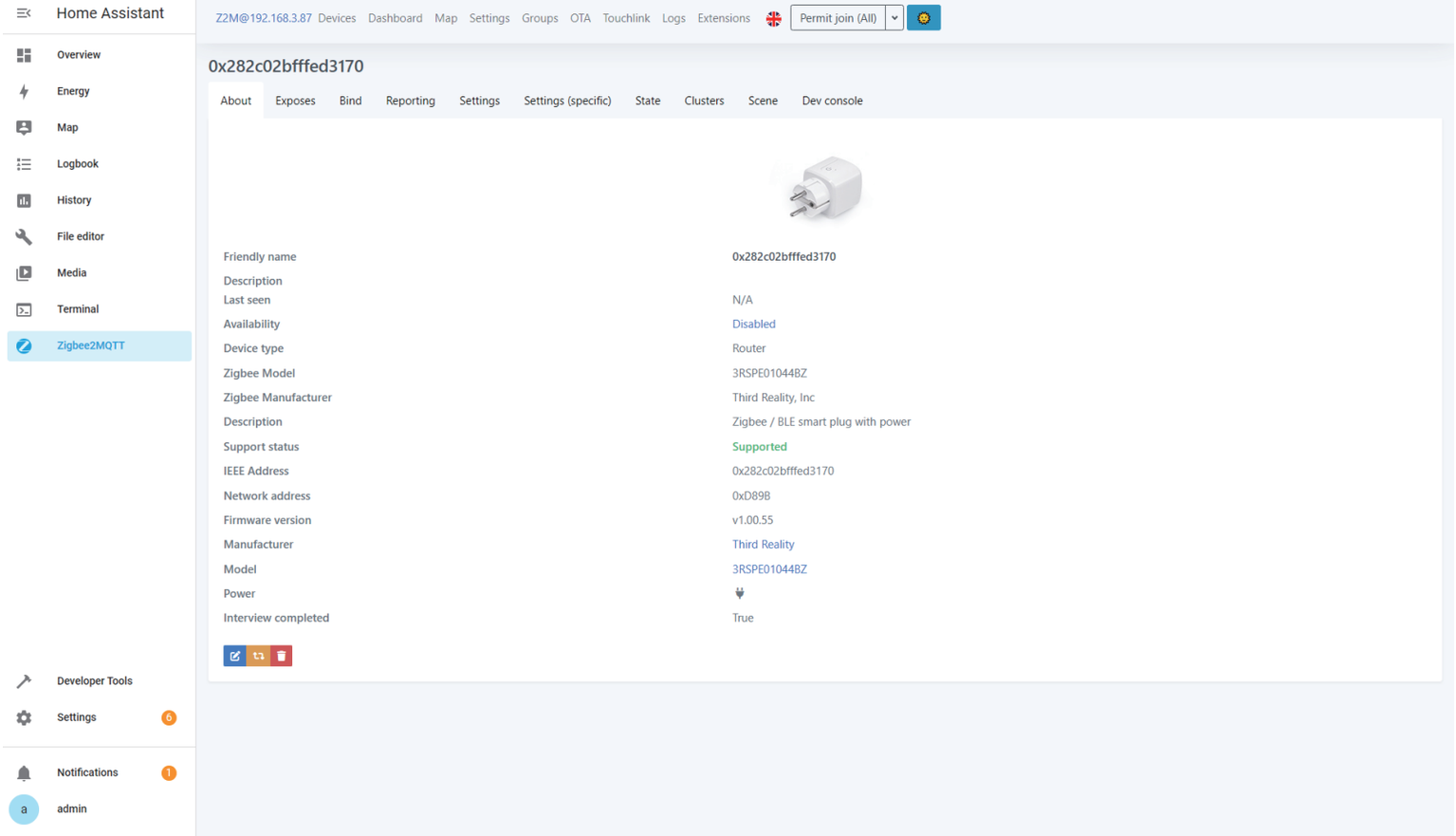
2. Click "Permit Join" in Zigbee2MQTT to add device.




3. Smart Plug E2 has been added successfully.



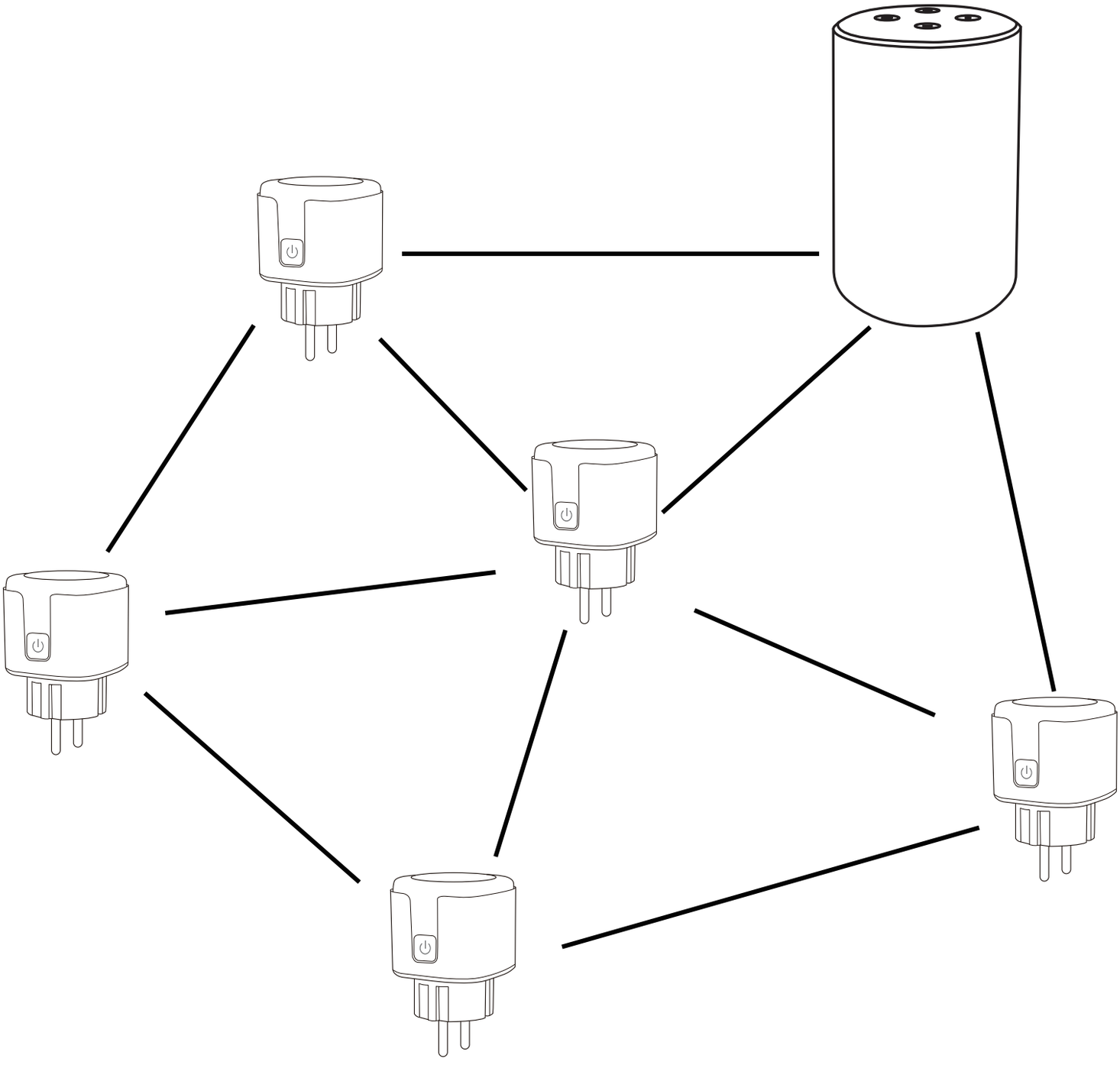

4. Click the device name to see detailed device information.




# Mesh Network Setup

If you want to have multiple plugs set up for different rooms, especially rooms out of the range of the Echo Devices Zigbee signal range, you can utilize Mesh Network setup to extend the range.

1. First, set up the smart plugs close to the Echo Device.
2. Unplug the plug and move it further away from the Echo Device. And make sure it's within Zigbee range of another active plug, which is connected on the network as a node. This will form a Zigbee Mesh Network. Each connected plug will connect with other plugs (nodes) within the range.



## Using your Smart Plug E2

1. Control the Smart Plug via voice command, say " Alexa, turn on/off First Plug ".
2. Schedules or timers to turn the Smart Plug on/off automatically.
3. Create routines to enjoy your smart life, say " Alexa,

good morning " to turn on the coffee maker, etc.

4. Remotely control the Smart Plug from your phone even if you are not at home.
5. Use the plugs as extenders, they can help Echo Devices or the Zigbee Hubs to connect with the plugs that are further away from your Echo.

## Trouble Shooting

1. **Factory reset the Smart Plug E2**
   Power on the Smart Plug, and then press and hold the button for more than 10 seconds until the LED light flashes in red.
2. **Fail to pair with Echo**
   Make sure your Echo Speaker is compatible with Smart Plug (See the Compatible Devices List) and the Smart Plug is in the right mode.
   - Please ensure your Echo Devices are set up before adding the Smart Plugs.
   - Reboot the Echo Speaker or Zigbee Hub by unplugging the power and plugging it back in, then try to pair the Smart Plug with it again.
   - Factory reset the Echo speaker (Press and hold the Action Button for 25 seconds. The light ring will pulse orange, then turn off. Wait for the light ring to turn back on and turn blue. The light ring then turns orange again and the device enters the setup mode), then try to pair the Smart Plug with it again.

3. **Smart Plug is not responding**

   - Turn on/off the Smart Plug twice in the Alexa app to sync the plug.
   - If not connected, please reboot the Echo Speaker and factory reset the Smart Plug, then pair the Smart Plug with the Echo Speaker.
   - If still not working, please try to deregister the Echo Speaker and register back in, then try to pair the Smart Plug with it.

4. **Move Smart Plugs**

   If you want to move the paired plug from one echo to another, make sure you remove the plug from the Alexa app and wait 30 minutes to allow cloud synchronization before repairing with different Echo Device.

5. **Alexa's response**

   If the Alexa Device finds the plug, setup is complete.
   But if the Alexa Device says she did not find any devices, say " Alexa, turn all plugs off ".
   If the " plug " in question turns off, then the plug did set up and the Echo Device had the common false fail issue ——where an Echo Device will say it did not find the plug when it in fact did. Please, if it is not too much trouble, report this false fail to Amazon as the plug did add but the Echo Device wrongly said it did not add. Hopefully, if enough people report the issue, it can be found and solved.

**Note:** If the Alexa Device says she failed to find the plug and the plug does not respond to " Alexa, turn all plugs off ", please contact us at Support@3reality.com to let us know so we may assist.

## Limited Warranty

For troubleshooting, warranty and safety information, 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.

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