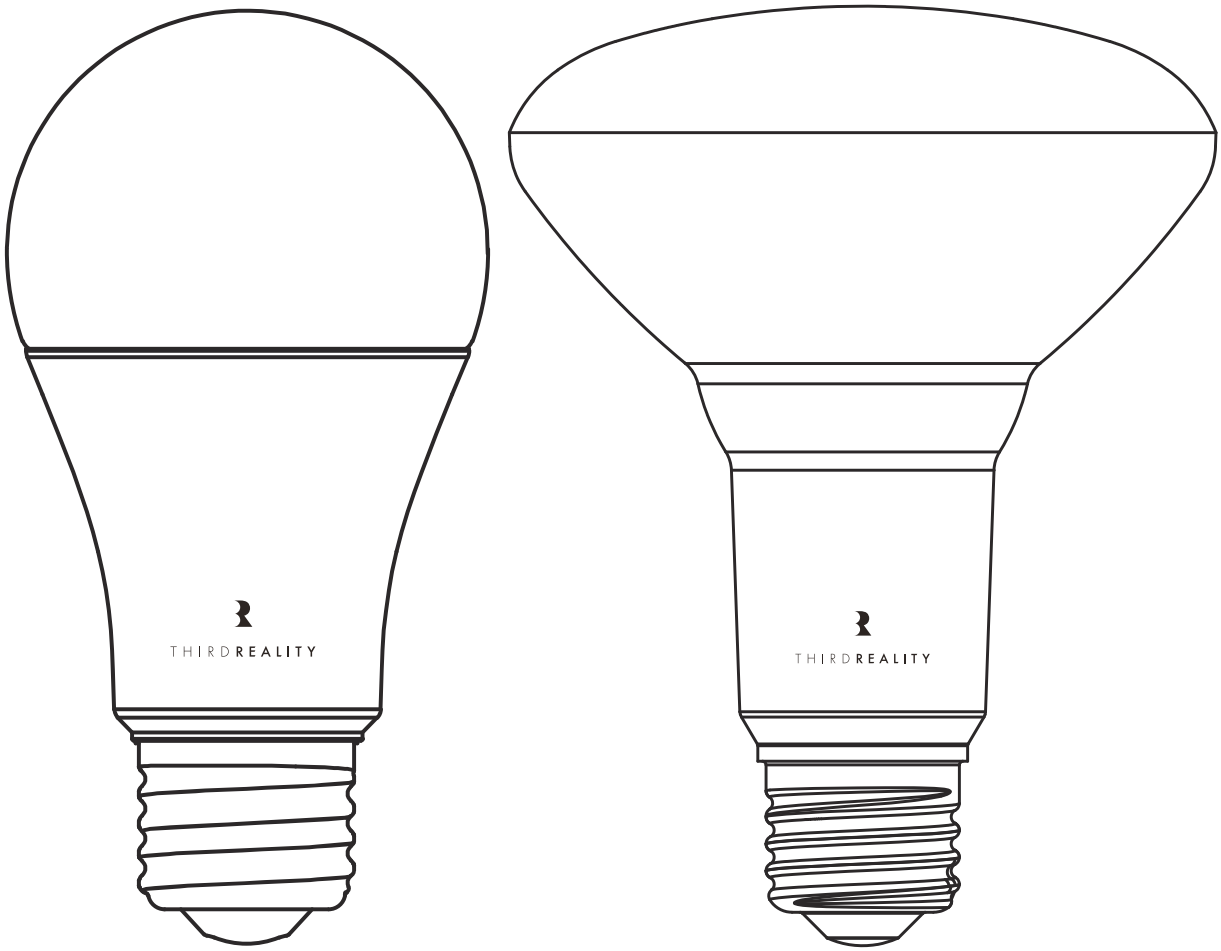
Smart Color Bulb ZL1/ZB3

User Manual



THIRDREALITY

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Introduction

Third Reality Smart Color Bulb offers an easy smart lighting solution in your home. The smart color bulb enables you to control your lights in multiple ways - on/off, dimming, routines, away mode, etc. - through your Smart Home app on your phones or simply voice commands.

Factory Reset

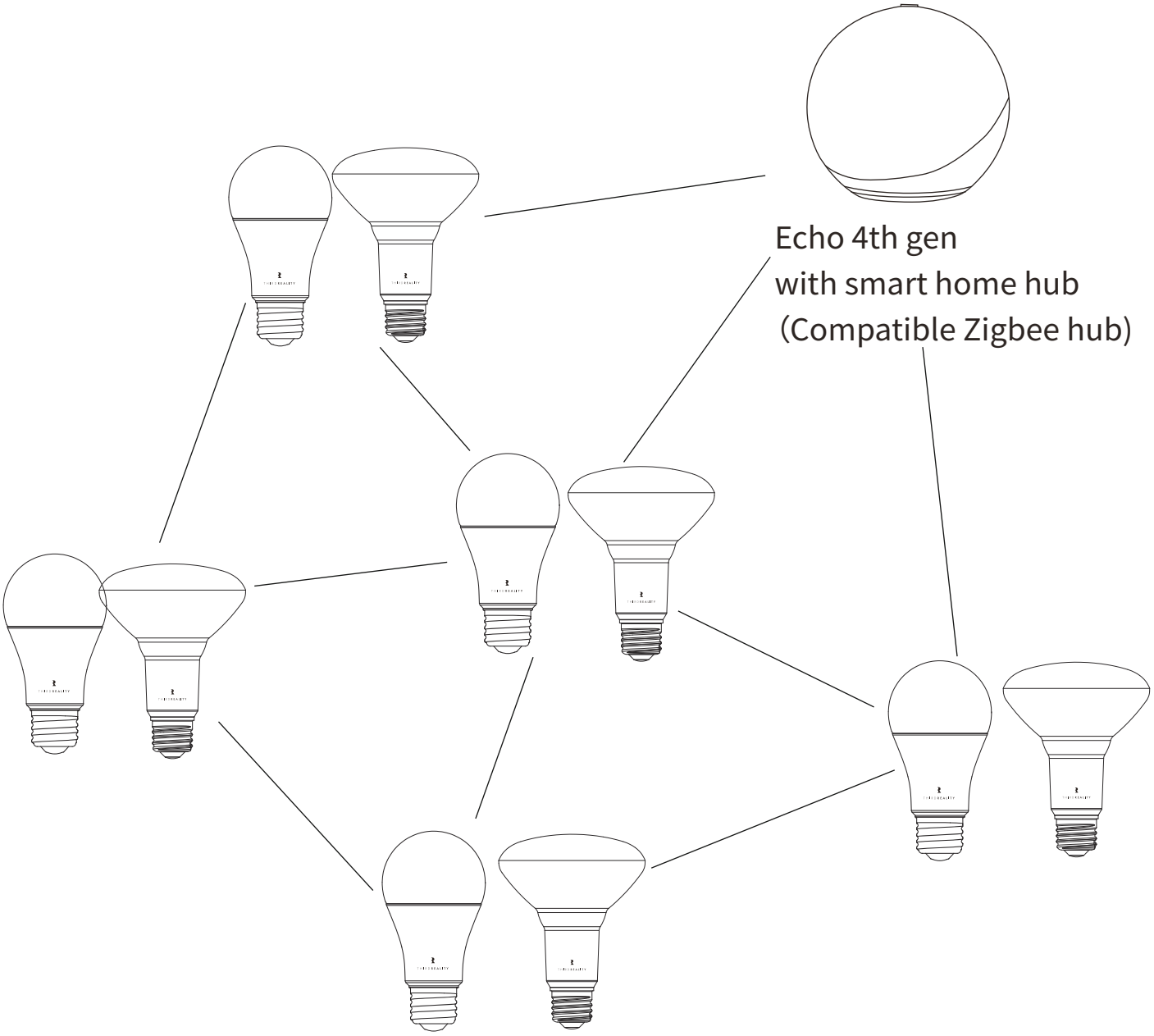
Power the smart color bulb, power cycle(power off and on) smart color bulb 5 times in a row to factory reset it, it flashes warm white - cold white - red - green - blue in a row within 3 seconds, then it turns solid warm white, indicating it enters Zigbee pairing mode. It will exit Zigbee pairing mode if not paired within 3 min.

Zigbee Mesh Network

Work as a Zigbee repeater.

Extent the signal range of the Zigbee Mesh Network.

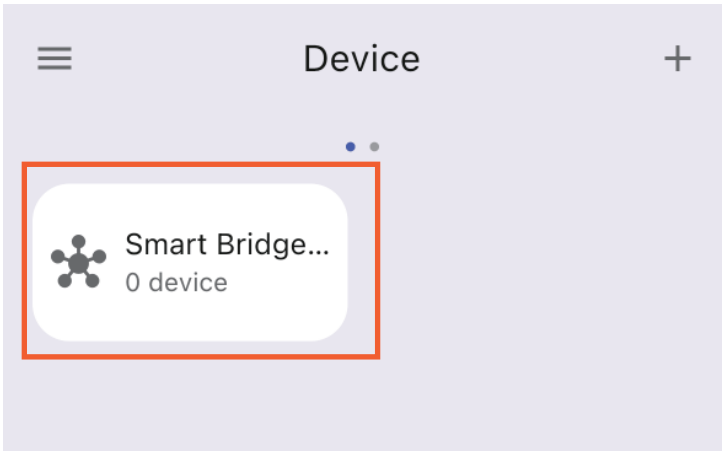
Note: Do not turn off the wall switch that controls the smart bulb, make sure the smart bulb maintains power to work as a repeater.

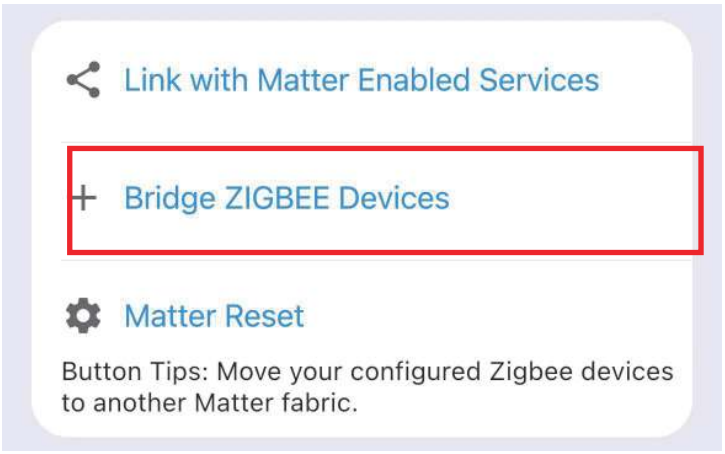


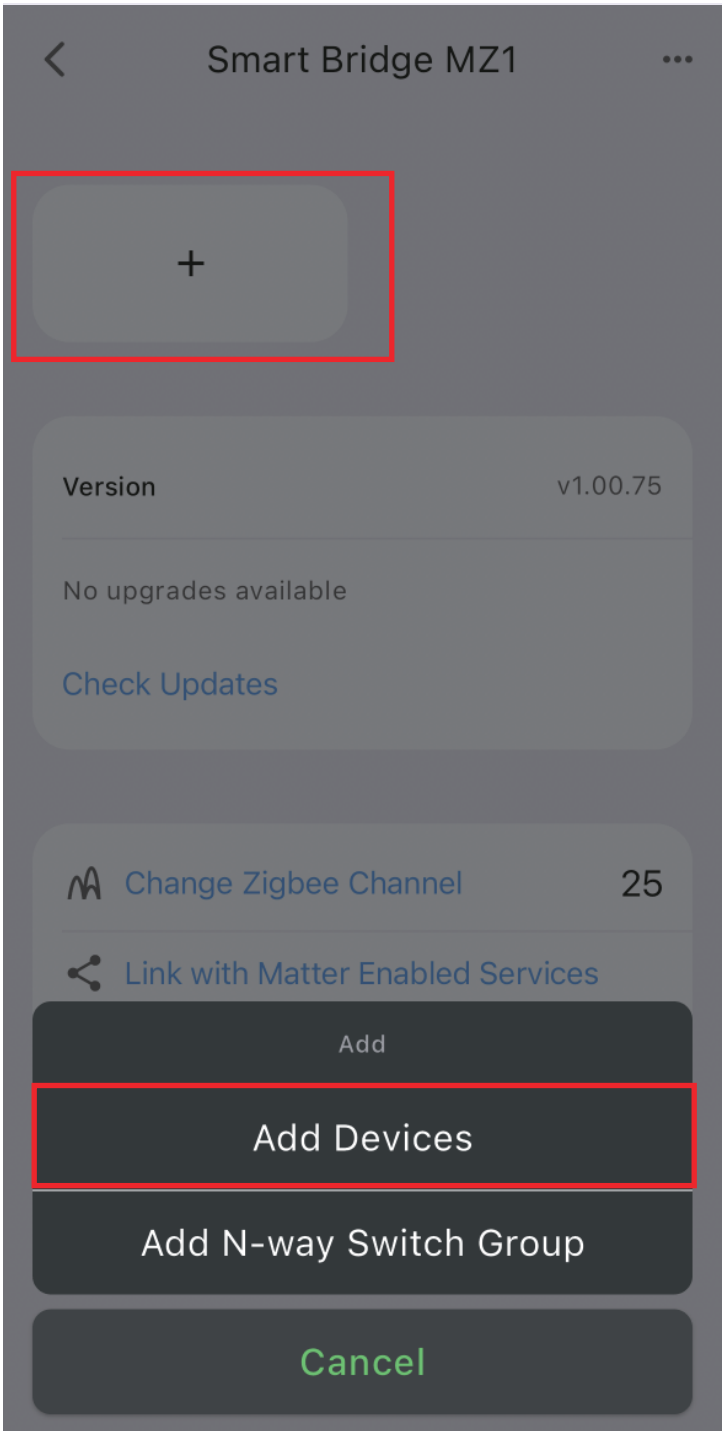
Setup with Smart Bridge MZ1

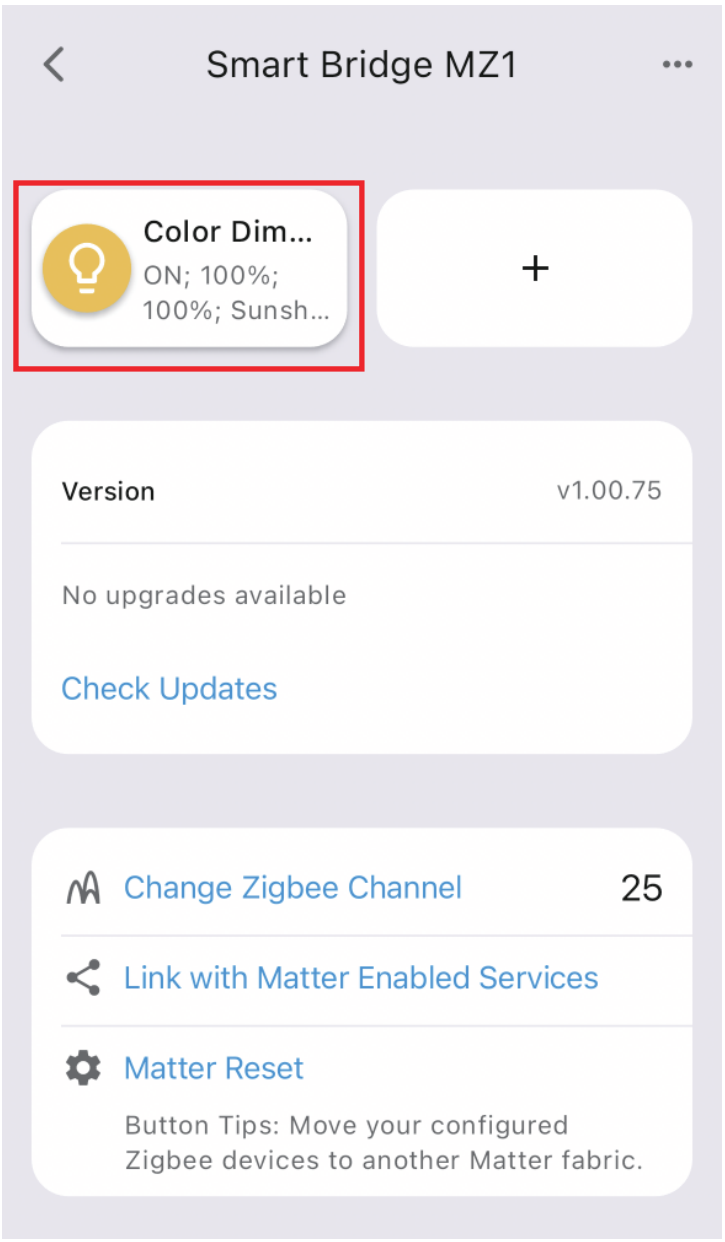
The Smart Bridge (sold separately) enables your Zigbee device to become Matter-compatible, allowing seamless integration with major Matter ecosystems like Apple Home, Google Home, Amazon Alexa, Samsung SmartThings, and Home Assistant. By setting up your Zigbee light bulb with the Smart Bridge, it transforms into a Matter compatible smart color bulb, enabling local control through Matter. Third Reality also offers the 3R-Installer App, which lets you configure Zigbee bulb attributes such as default-on behavior and perform firmware updates.

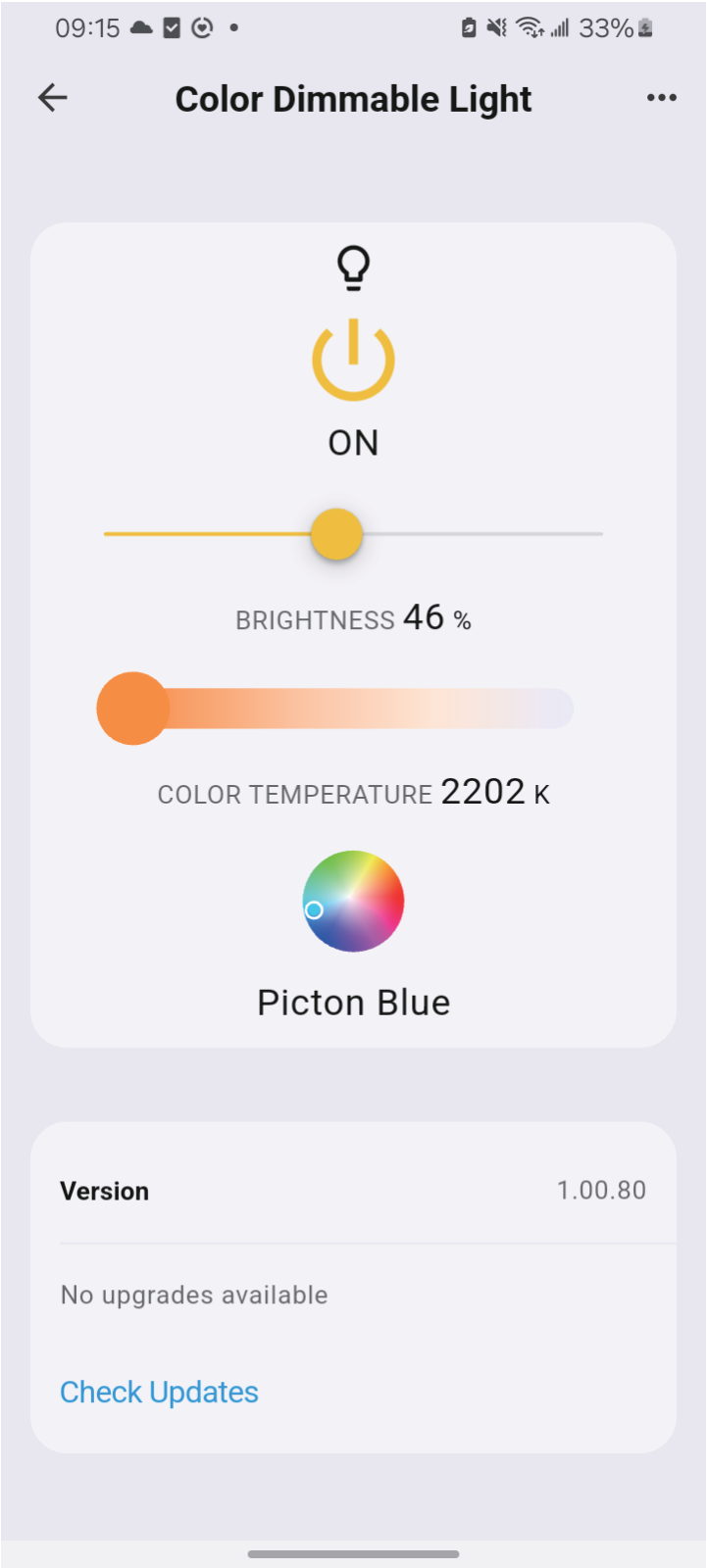
1. Ensure your bridge is already set up within your smart home system.
2. Ensure the light switch controlling the E26 bulb socket is turned off. Then install the smart color bulb by screwing it securely into the socket.
3. Turn on the light bulb and confirm it’ s in pairing mode. The smart bulb will flash warm white, cool white, red, green, and blue within 3 seconds, then turn solid warm white, indicating it has entered Zigbee pairing mode. If this sequence doesn’ t occur, please factory reset the bulb to initiate pairing mode.
4. Press the pinhole button on the bridge to activate Zigbee pairing mode. The Zigbee blue LED should start blinking.
5. The bulb will pair with the bridge, and a new device will appear in your smart home app, such as Google Home or Alexa.
6. 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.

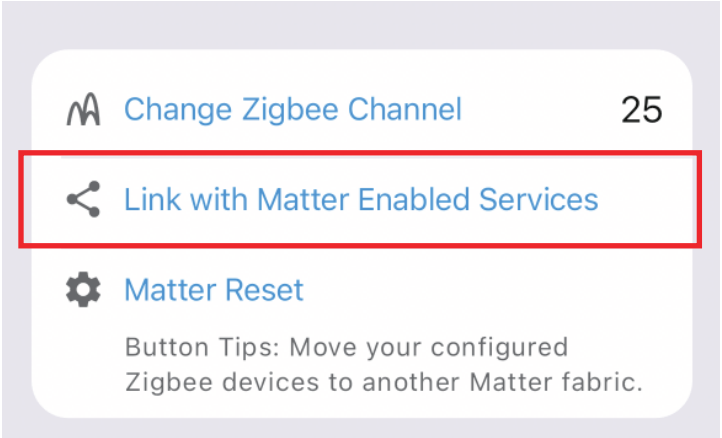

Device
Smart Bridge...
0 device

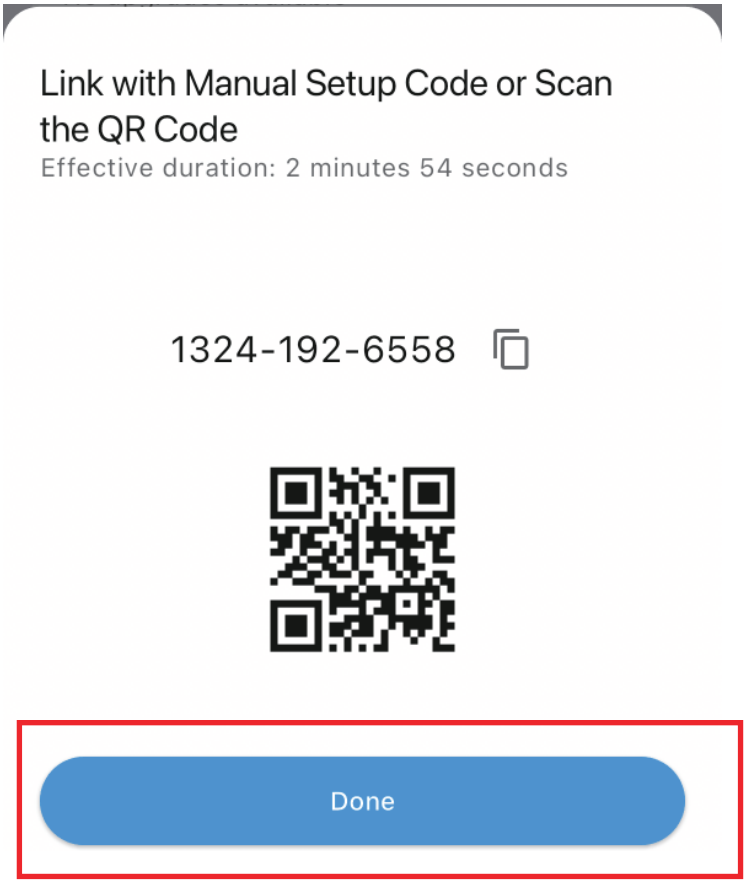

Link with Matter Enabled Services
Bridge ZIGBEE Devices
Matter Reset
Button Tips: Move your configured Zigbee devices to another Matter fabric.


Smart Bridge MZ1
Version
v1.00.75
No upgrades available
Check Updates
Change Zigbee Channel
25
Link with Matter Enabled Services
Add
Add Devices
Add N-way Switch Group
Cancel


Smart Bridge MZ1
Color Dim...
ON; 100%; 100%; Sunsh...
Version
v1.00.75
No upgrades available
Check Updates
Change Zigbee Channel
25
Link with Matter Enabled Services
Matter Reset
Button Tips: Move your configured Zigbee devices to another Matter fabric.


09:15
33%
Color Dimmable Light
ON
BRIGHTNESS 46 %
COLOR TEMPERATURE 2202 K
Picton Blue
Version
1.00.80
No upgrades available
Check Updates

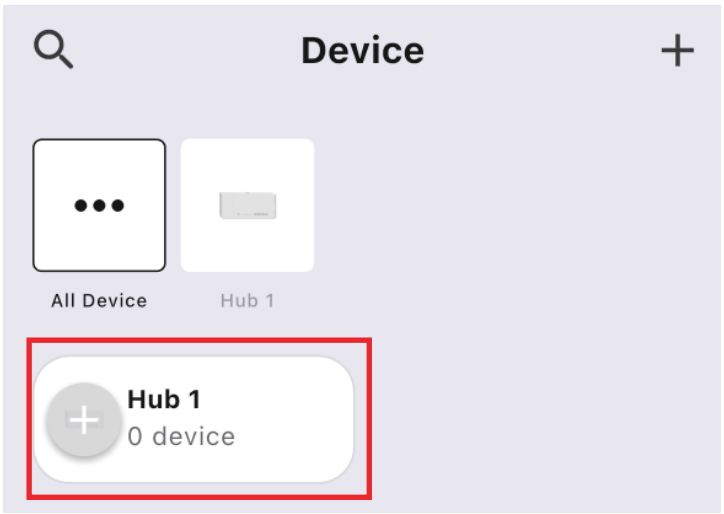

Change Zigbee Channel
25
Link with Matter Enabled Services
Matter Reset
Button Tips: Move your configured Zigbee devices to another Matter fabric.

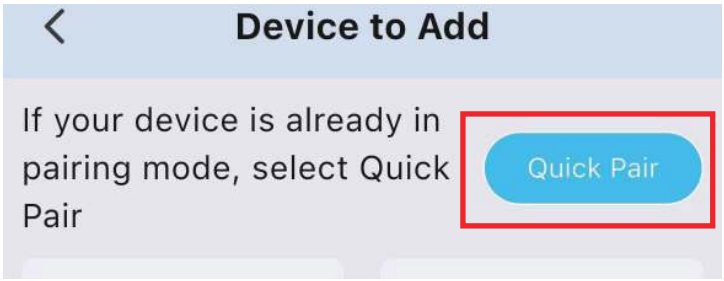

Link with Manual Setup Code or Scan the QR Code
Effective duration: 2 minutes 54 seconds
1324-192-6558
Done

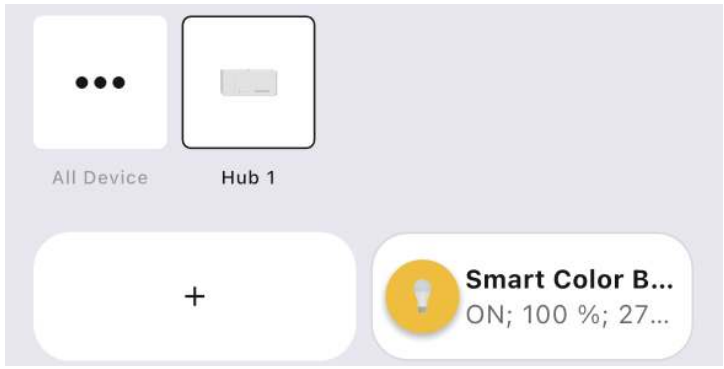
Setup with Third Reality Hub and SKILL

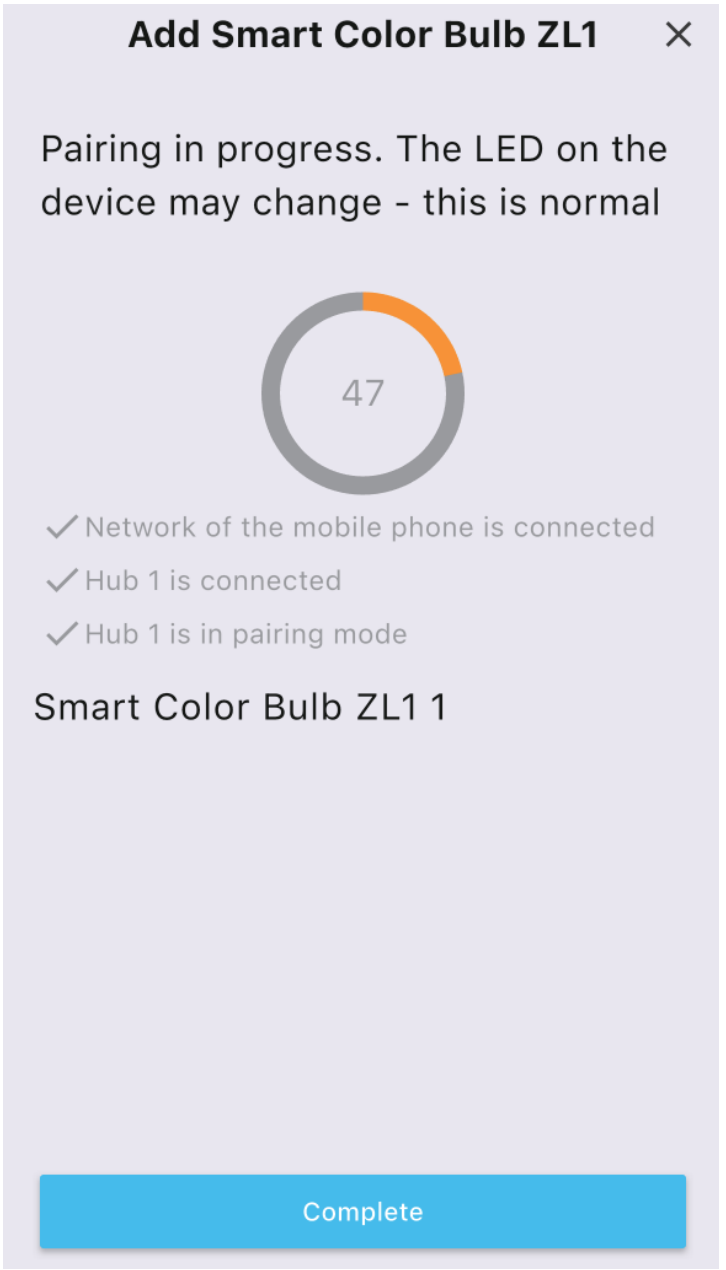
The Third Reality Hub (sold separately) allows you to control your device remotely via the Third Reality App, making it a great option for smart home beginners or those without a system from major providers. Additionally, the Third Reality Cloud supports SKILL integration with Google Home or Amazon Alexa, 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.

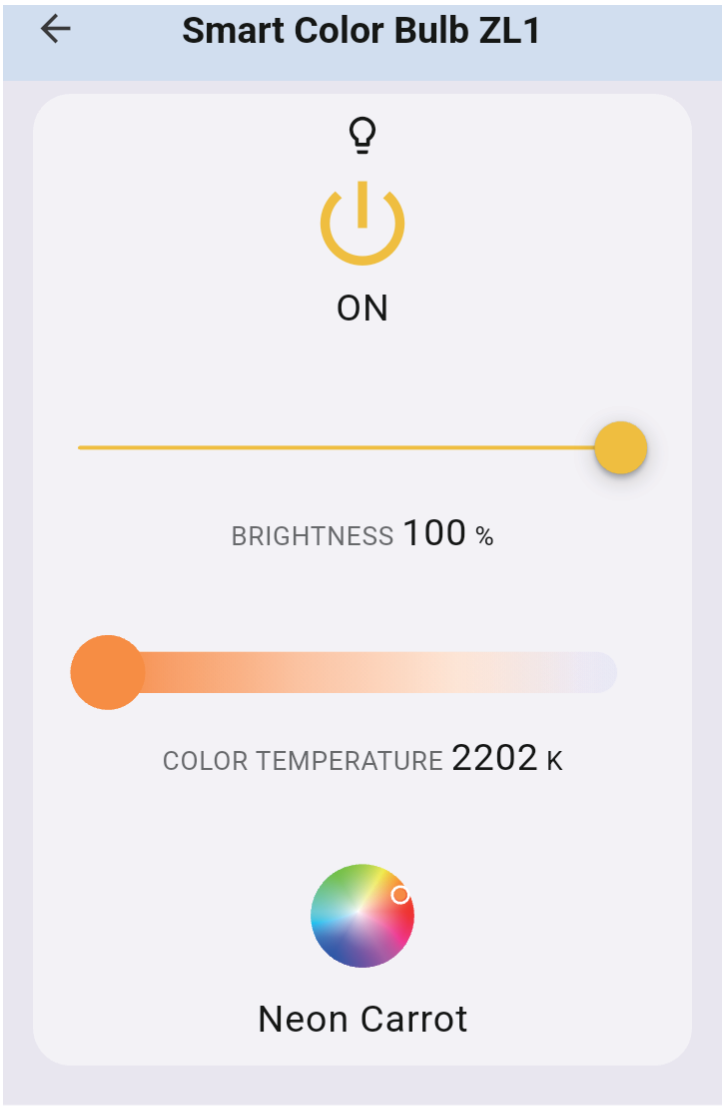
1. Ensure your hub is properly set up with Third Reality App.
2. Ensure the light switch controlling the E26 bulb socket is turned off.
3. Then install the smart color bulb by screwing it securely into the socket.
4. Turn on the light bulb and confirm it’ s in pairing mode. The smart bulb will flash warm white, cool white, red, green, and blue within 3 seconds, then turn solid warm white, indicating it has entered Zigbee pairing mode with in 3 minuets. If this sequence doesn’ t occur, please factory reset the bulb to initiate pairing mode.
5. Open the Third Reality App, press the “+” icon next to the hub, and select “Quick Pair.”
6. The bulb will pair with your hub and appear in the Third Reality App.
7. Optionally, you can enable the Third Reality SKILL in either the Alexa or Google Home app to enable Cloud-to-Cloud communication.

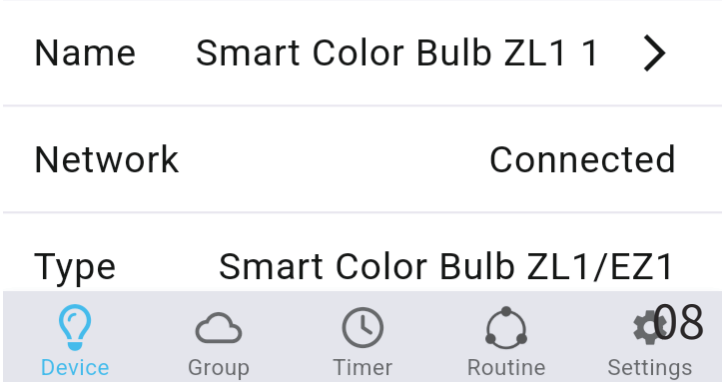

Device
All Device
Hub 1
Hub 1
0 device


Device to Add
If your device is already in pairing mode, select Quick Pair
Quick Pair


All Device
Hub 1
Smart Color B...
ON; 100 %; 27...


Add Smart Color Bulb ZL1
Pairing in progress. The LED on the device may change - this is normal
47
Network of the mobile phone is connected
Hub 1 is connected
Hub 1 is in pairing mode
Smart Color Bulb ZL1 1
Complete


Smart Color Bulb ZL1
ON
BRIGHTNESS 100 %
COLOR TEMPERATURE 2202 K
Neon Carrot


Name
Smart Color Bulb ZL1 1
Network
Connected
Type
Smart Color Bulb ZL1/EZ1
Device
Group
Timer
Routine
Settings

Setup with Compatible Third-Party Zigbee Hubs

Third Reality supports integration with various open Zigbee platforms, including Amazon Echo with built-in Zigbee, Samsung SmartThings, Home Assistant (with ZHA or Z2M), Homey and Hubitat. If you own any of these devices, you can pair the smart bulb directly without the need for an additional bridge or hub.

1. Ensure your Zigbee Hub is already set up within your smart home system.
2. Ensure the light switch controlling the E26 bulb socket is turned off. Then install the smart color bulb by screwing it securely into the socket.
3. Turn on the light bulb and confirm it’ s in pairing mode. The smart bulb will flash warm white, cool white, red, green, and blue within 3 seconds, then turn solid warm white, indicating it has entered Zigbee pairing mode with in 3 minuets. If this sequence doesn’ t occur, please factory reset the bulb to initiate pairing mode.
4. Open your smart home app and follow the on-screen instructions to begin the Zigbee pairing process.
5. The smart bulb will flash and then turn warm white, indicating it has successfully paired with the Zigbee hub.
6. You can now use your smart home app to turn the bulb on/off, adjust its color and color temperature, and create routines.

Pairing with SmartThings

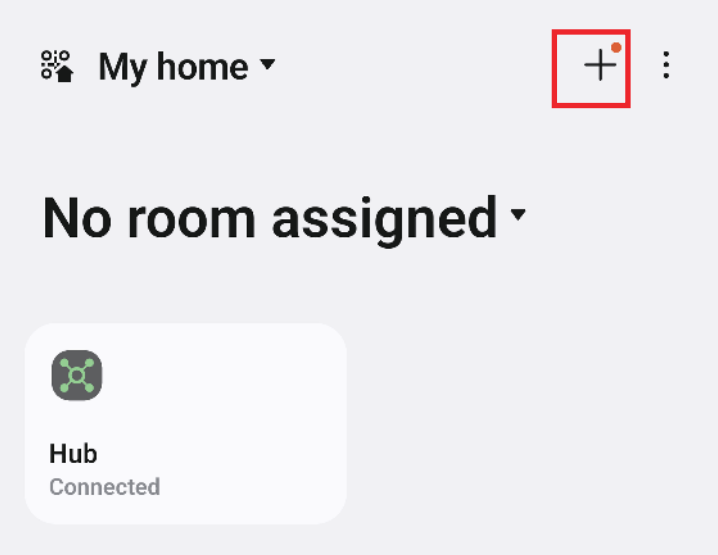
App: SmartThings App

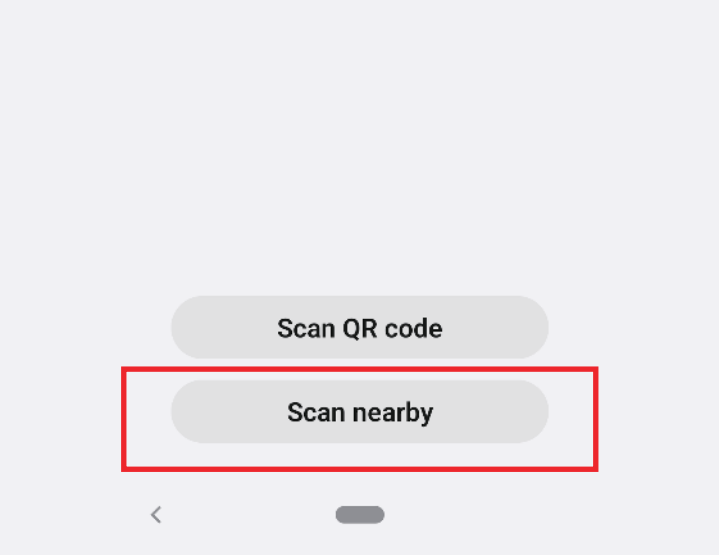
Devices: SmartThings Hub 2nd Gen(2015) and 3rd Gen(2018), Aeotec Smart Home Hub.



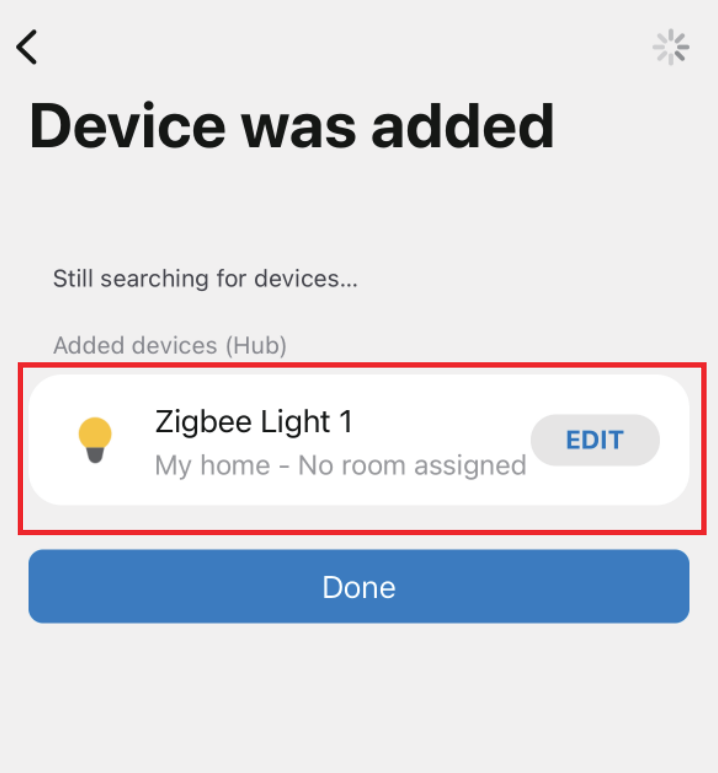
Pairing steps:

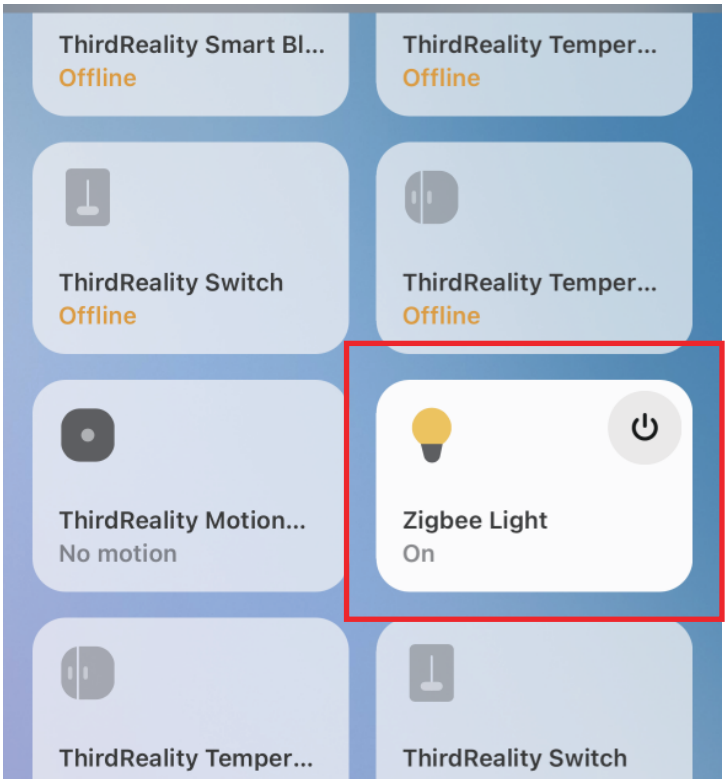
1. Before pairing, check for updates to make sure the SmartThings Hub firmware is up to date.
3. Turn on the light bulb and confirm it’ s in pairing mode. The smart bulb will flash warm white, cool white, red, green, and blue within 3 seconds, then turn solid warm white, indicating it has entered Zigbee pairing mode. If this sequence doesn’ t occur, please factory reset the bulb to initiate pairing mode.
4. Open your SmartThings App, tap “+” on the up right corner to ”Add device” and then tap “Scan nearby”.



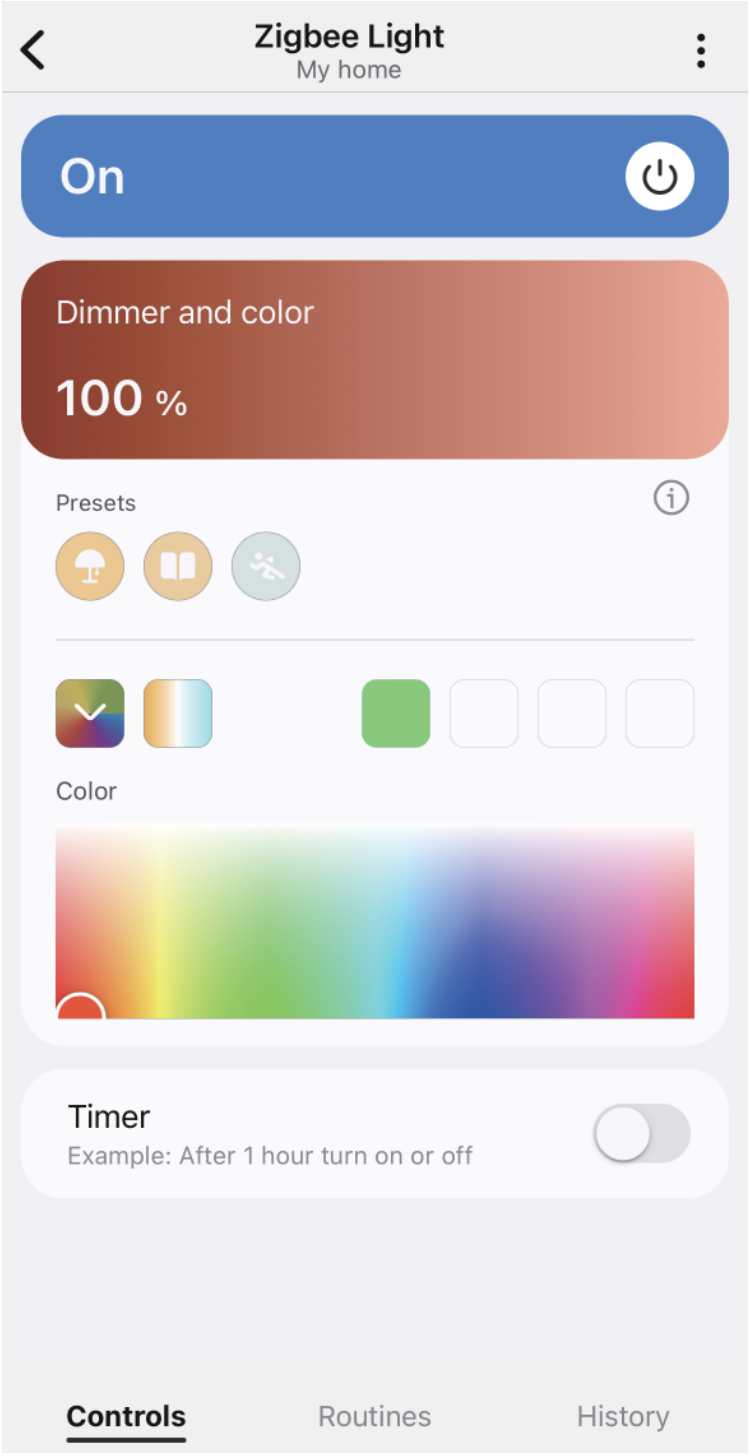


5. The bulb will be added to your SmartThings hub in a few seconds.





6. Create routines to control connected devices.



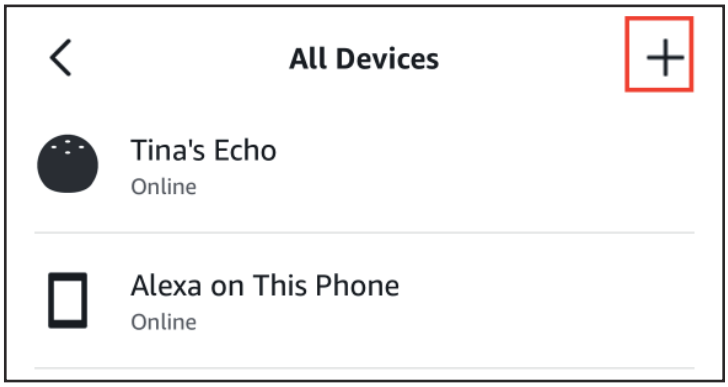
Pairing with Amazon Alexa

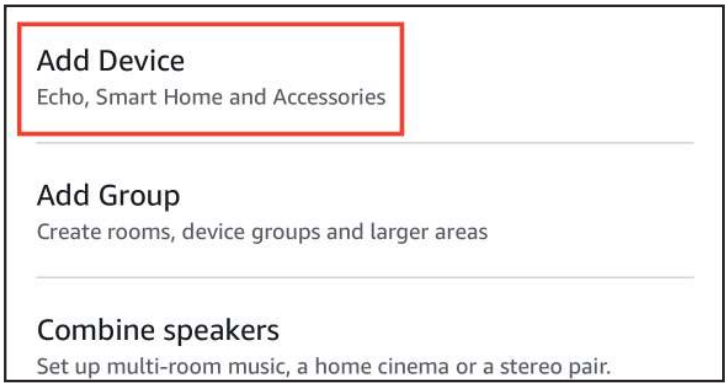
App: Amazon Alexa

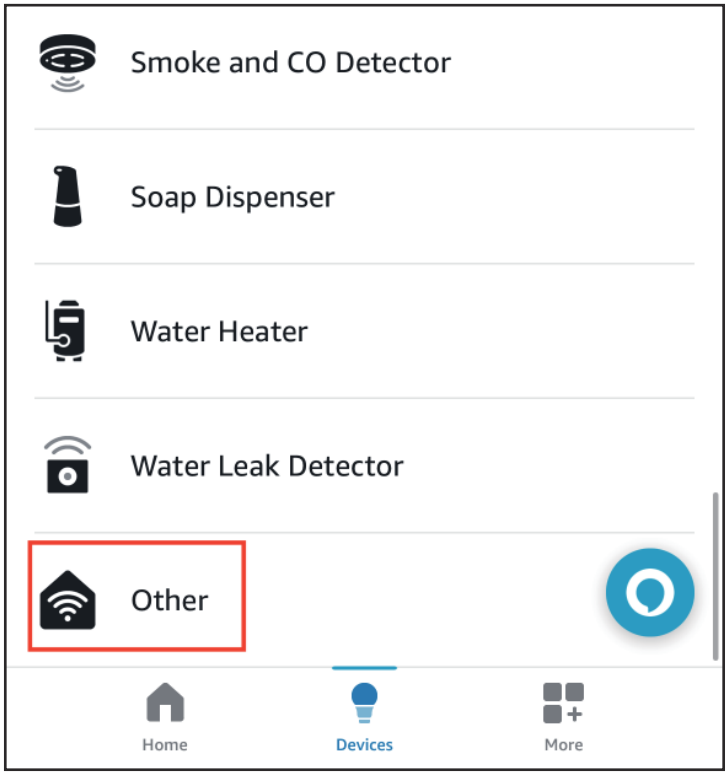
Devices: Echo speakers with built-in Zigbee hub, Echo 4th Gen, Echo Plus 1st & 2nd Gen, Echo Studio

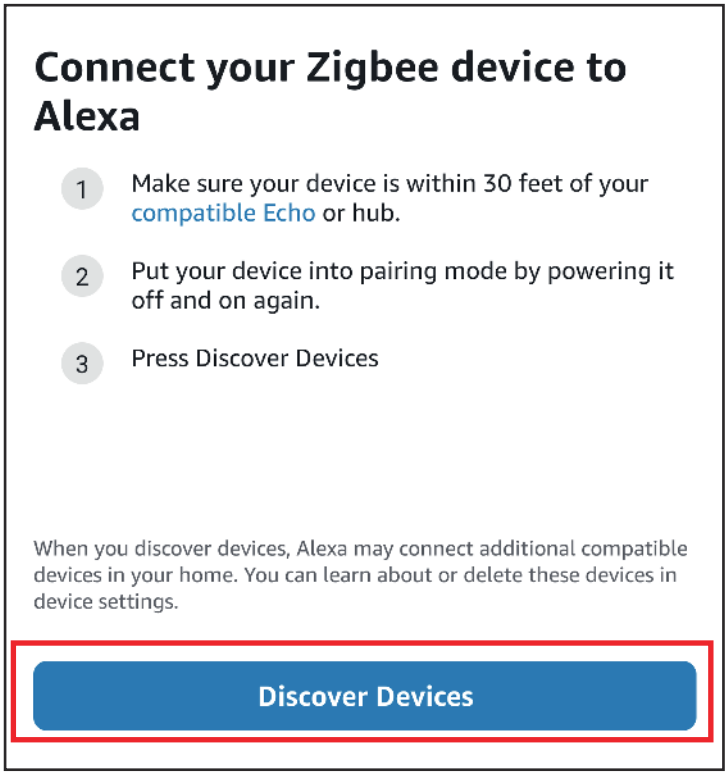
Pairing steps:

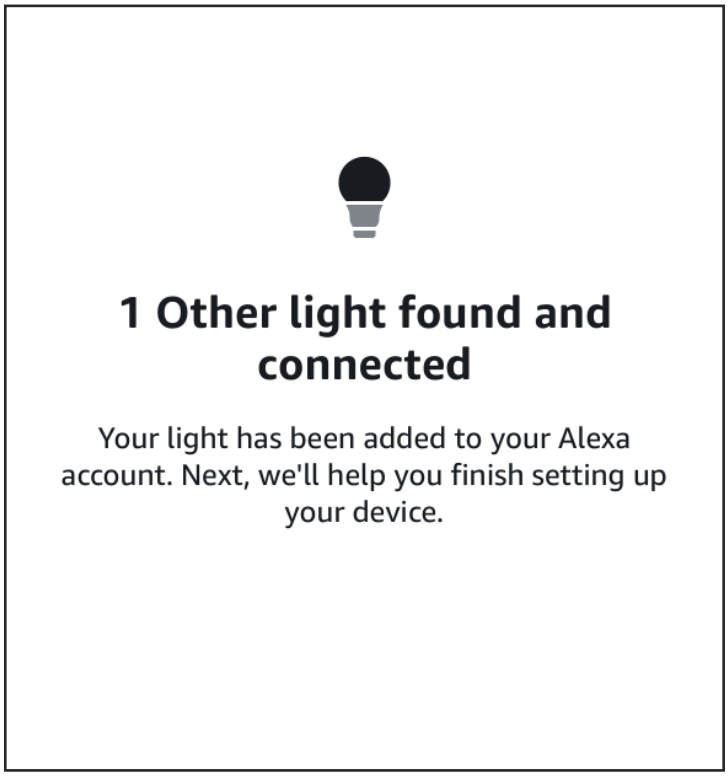
1. Ask Alexa to check for updates before pairing.
2. Turn on the light bulb and confirm it’ s in pairing mode. The smart bulb will flash warm white, cool white, red, green, and blue within 3 seconds, then turn solid warm white, indicating it has entered Zigbee pairing mode. If this sequence doesn’ t occur, please factory reset the bulb to initiate pairing mode.
3. Tap "+" in the Alexa App, choose "Other" and "Zigbee" to add device, the bulb will be added.
4. You can create routines with the device.

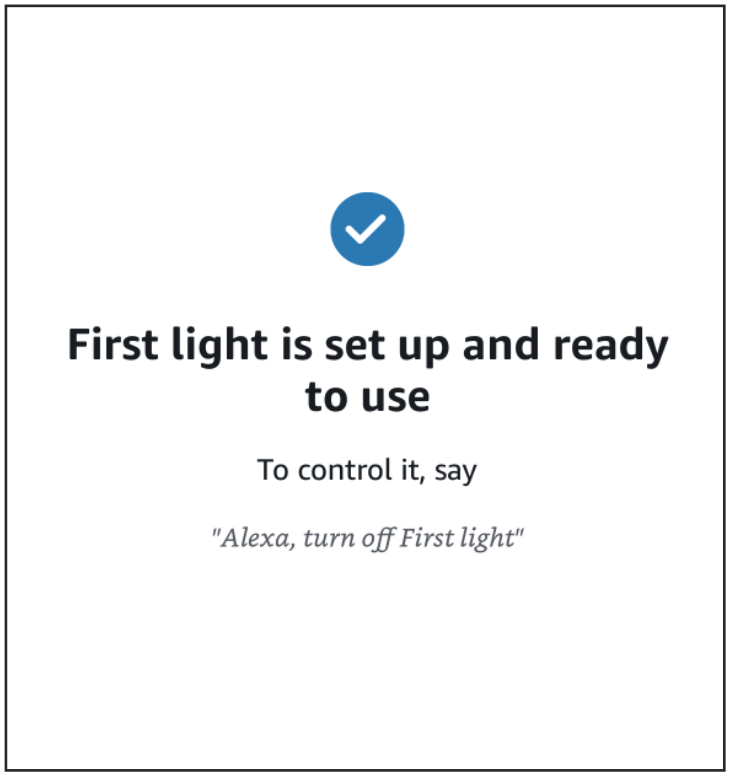

All Devices
Tina's Echo
Online
Alexa on This Phone
Online

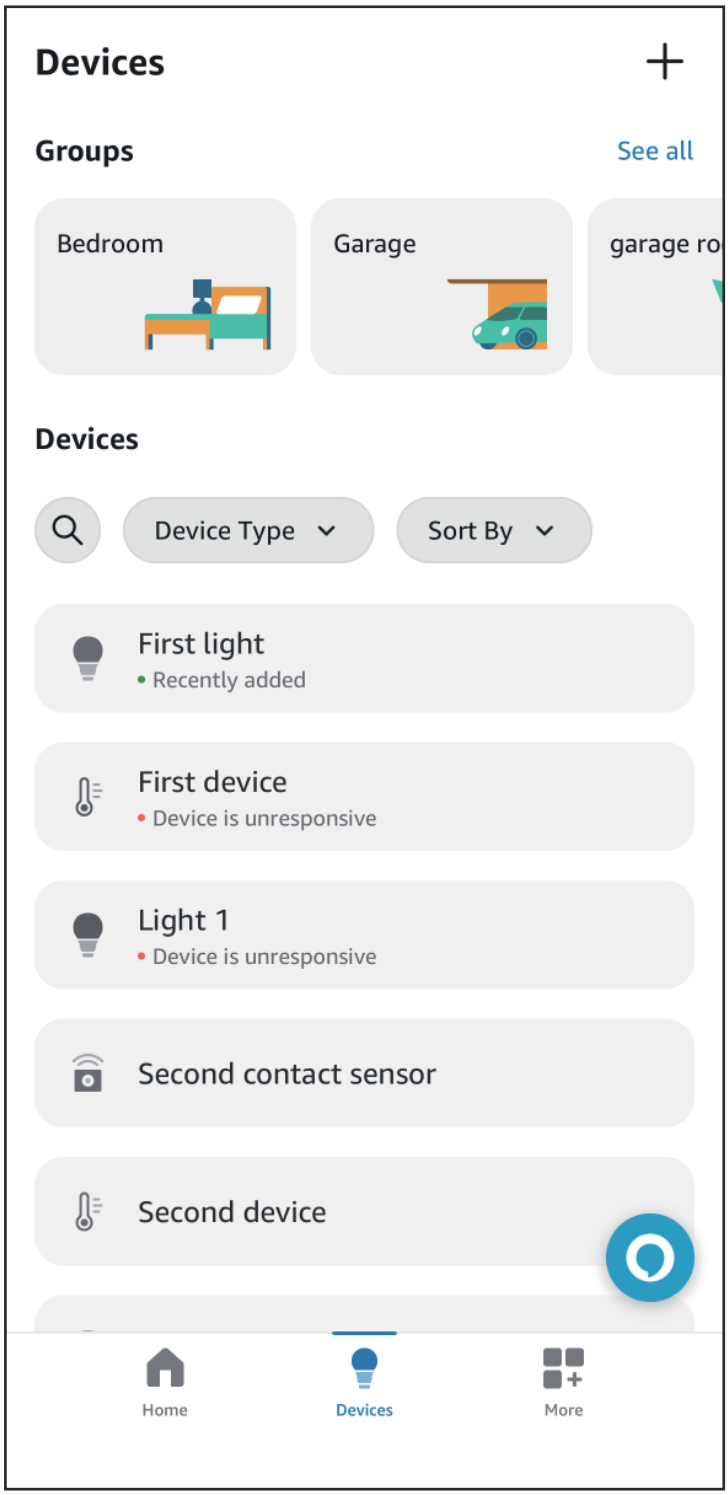

Add Device
Echo, Smart Home and Accessories
Add Group
Create rooms, device groups and larger areas
Combine speakers
Set up multi-room music, a home cinema or a stereo pair.

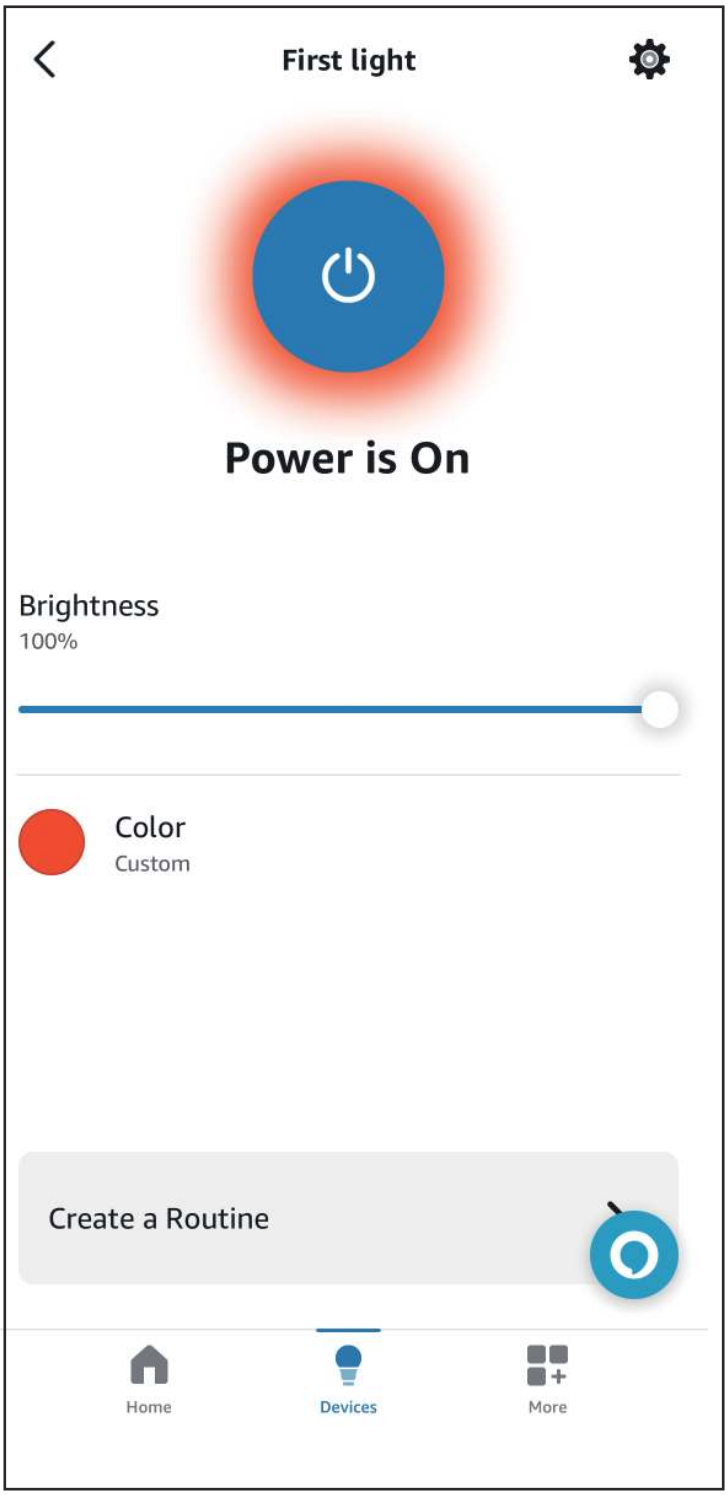

Smoke and CO Detector
Soap Dispenser
Water Heater
Water Leak Detector
Other
Home
Devices
More


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
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


1 Other light found and connected
Your light has been added to your Alexa account. Next, we'll help you finish setting up your device.


First light is set up and ready to use
To control it, say
"Alexa, turn off First light"


Devices
Groups
See all
Bedroom
Garage
garage ro
Devices
Device Type
Sort By
First light
Recently added
First device
Device is unresponsive
Light 1
Device is unresponsive
Second contact sensor
Second device
Home
Devices
More


First light
Power is On
Brightness
100%
Color
Custom
Create a Routine
Home
Devices
More

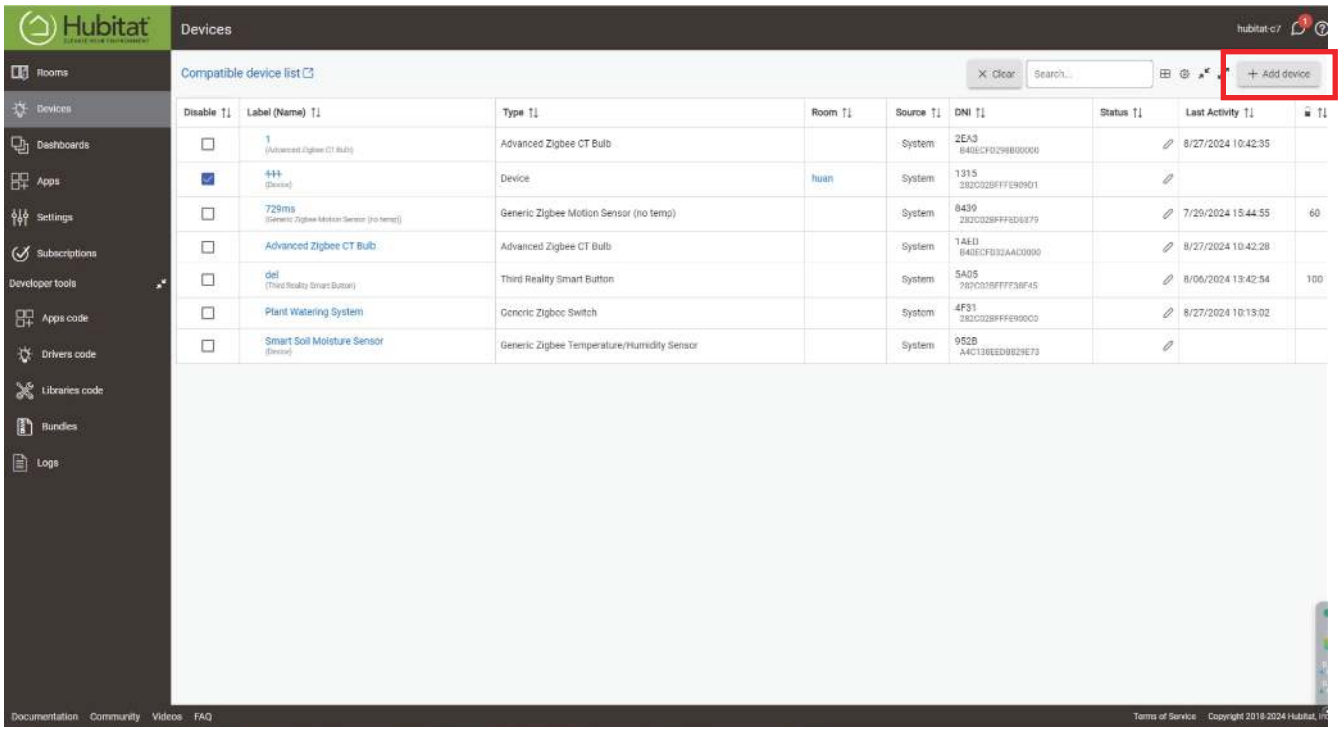
Pairing with Hubitat

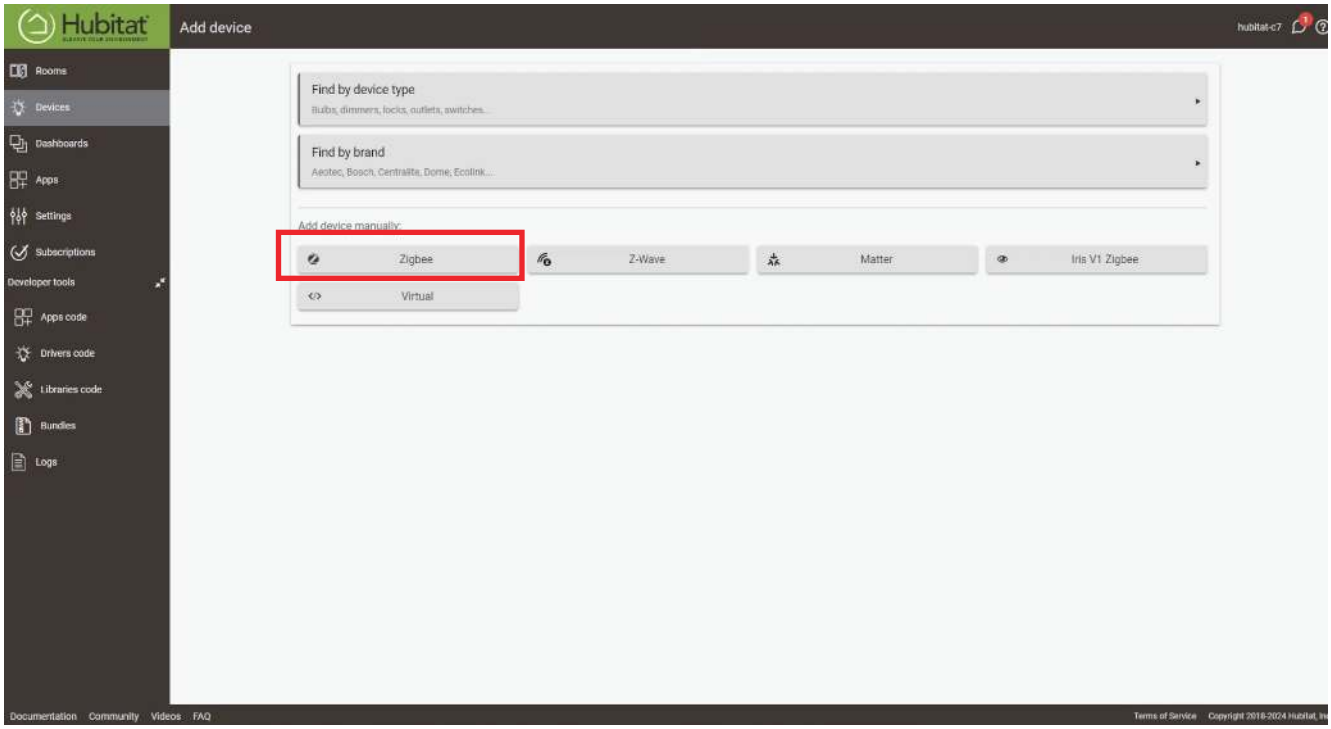
Website: http://find.hubitat.com/

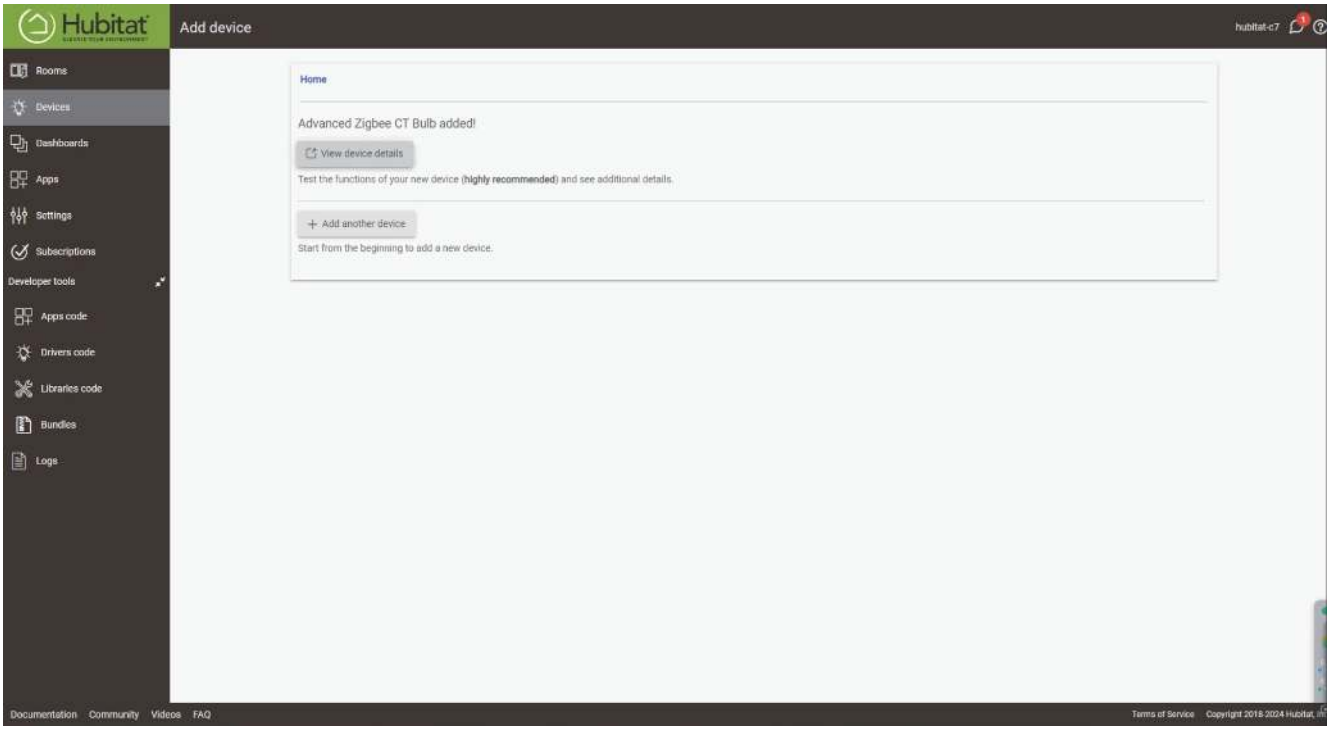


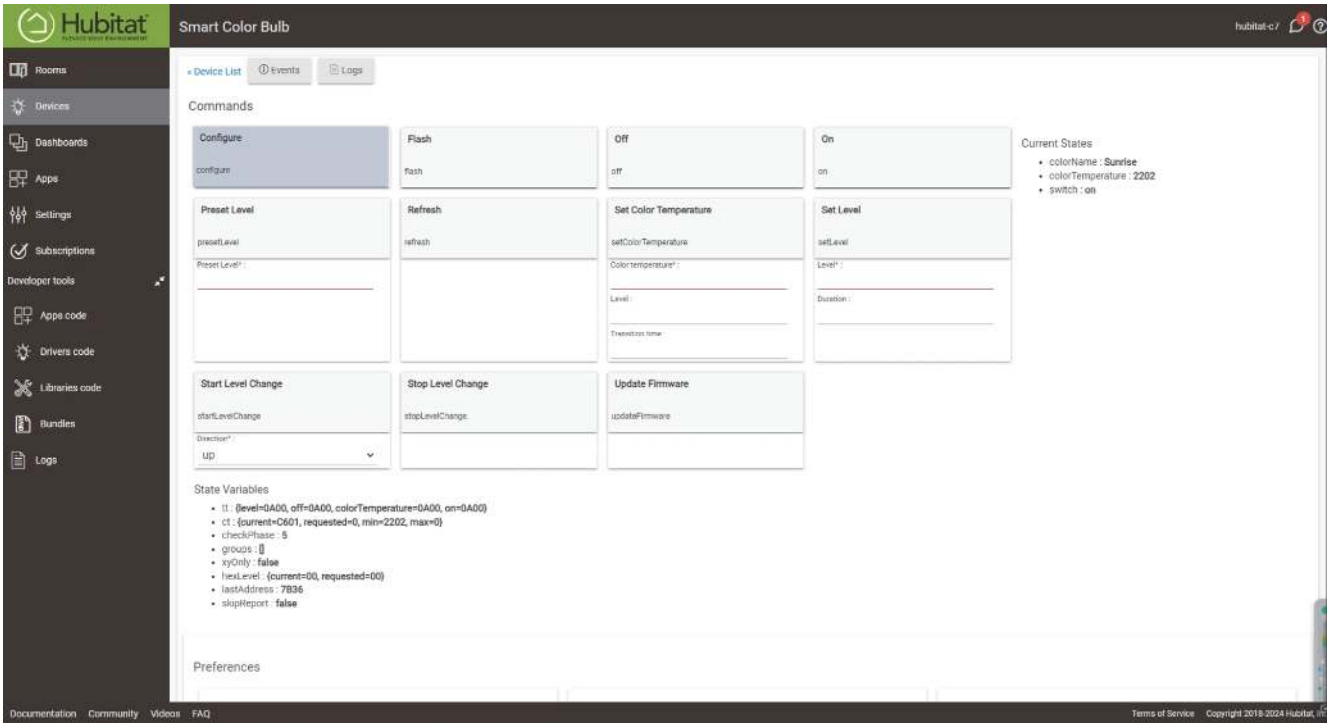
Pairing steps:

1. Turn on the light bulb and confirm it’ s in pairing mode. The smart bulb will flash warm white, cool white, red, green, and blue within 3 seconds, then turn solid warm white, indicating it has entered Zigbee pairing mode. If this sequence doesn’ t occur, please factory reset the bulb to initiate pairing mode.
2. 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.


Hubitat
Devices
hubitat-c7
Rooms
Devices
Dashboards
Apps
Settings
Subscriptions
Developer tools
Apps code
Drivers code
Libraries code
Bundles
Logs
Compatible device list
Clear
Search...
+ Add device
Disable
Label (Name)
Type
Room
Source
DNI
Status
Last Activity
1
Advanced Zigbee CT Bulb
System
8/27/2024 10:42:35
Device
huan
System
729ms
Generic Zigbee Motion Sensor (no temp)
System
7/29/2024 15:44:55
Advanced Zigbee CT Bulb
Advanced Zigbee CT Bulb
System
8/27/2024 10:42:28
del
Third Reality Smart Button
System
8/06/2024 13:42:54
Plant Watering System
Generic Zigbee Switch
System
8/27/2024 10:13:02
Smart Soil Moisture Sensor
Generic Zigbee Temperature/Humidity Sensor
System
Documentation
Community
Videos
FAQ
Terms of Service
Copyright 2018-2024 Hubitat, Inc


Hubitat
Add device
hubitat-c7
Rooms
Devices
Dashboards
Apps
Settings
Subscriptions
Developer tools
Apps code
Drivers code
Libraries code
Bundles
Logs
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
Documentation
Community
Videos
FAQ
Terms of Service
Copyright 2018-2024 Hubitat, Inc


Hubitat
Add device
hubitat-c7
Rooms
Devices
Dashboards
Apps
Settings
Subscriptions
Developer tools
Apps code
Drivers code
Libraries code
Bundles
Logs
Home
Advanced Zigbee CT Bulb added!
View device details
Test the functions of your new device (highly recommended) and see additional details.
+ Add another device
Start from the beginning to add a new device.
Documentation
Community
Videos
FAQ
Terms of Service
Copyright 2018-2024 Hubitat, Inc


Hubitat
Smart Color Bulb
hubitat-c7
Rooms
Devices
Dashboards
Apps
Settings
Subscriptions
Developer tools
Apps code
Drivers code
Libraries code
Bundles
Logs
« Device List
Events
Logs
Commands
Configure
configure
Flash
flash
Off
off
On
on
Current States
colorName : Sunrise
colorTemperature : 2202
switch : on
Preset Level
presetLevel
Refresh
refresh
Set Color Temperature
setColorTemperature
Set Level
setLevel
Start Level Change
startLevelChange
Direction*
up
Stop Level Change
stopLevelChange
Update Firmware
updateFirmware
State Variables
t1 : {level=0A00, off=0A00, colorTemperature=0A00, on=0A00}
ct : {current=C601, requested=0, min=2202, max=0}
checkPhase : 5
groups : []
xyOnly : false
hexLevel : {current=00, requested=00}
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skipReport : false
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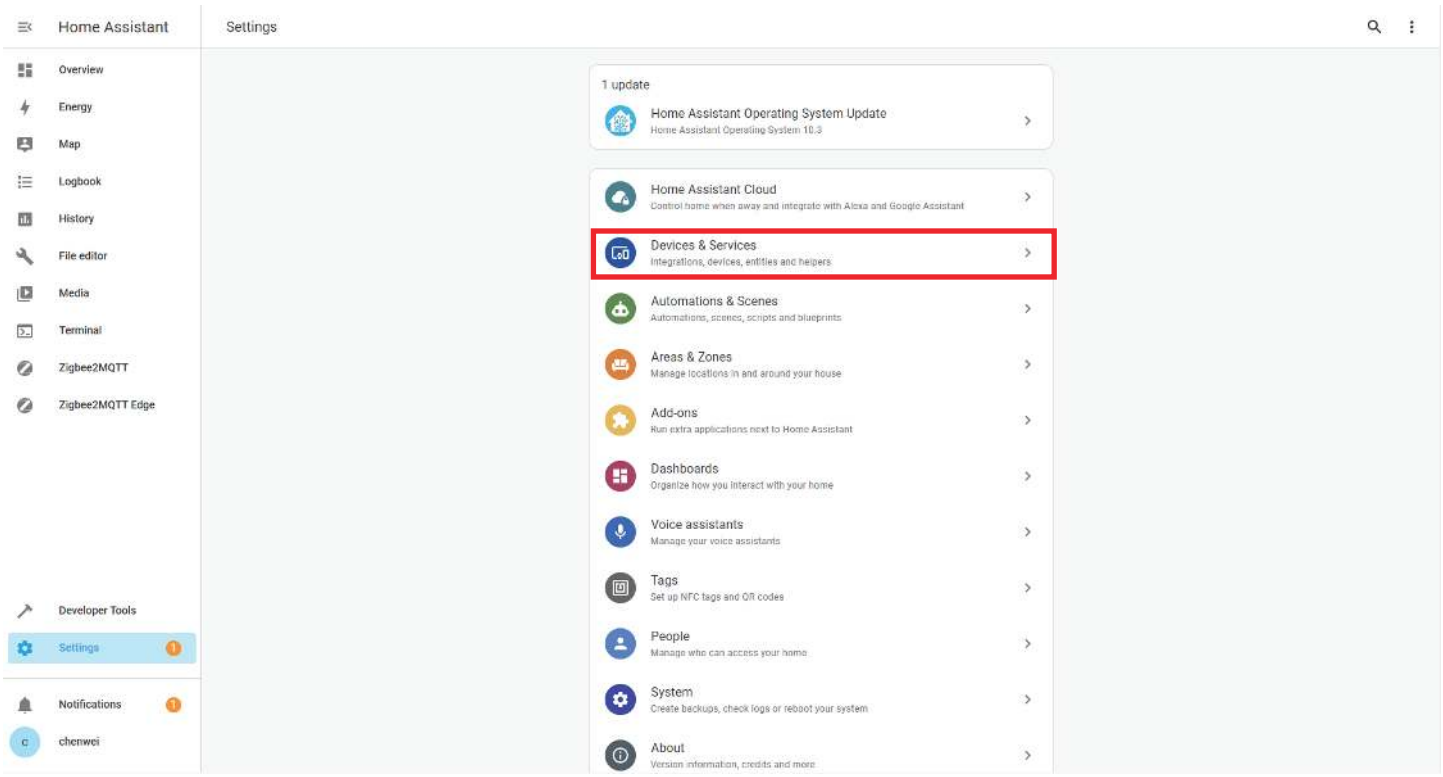
Pairing With Home Assistant

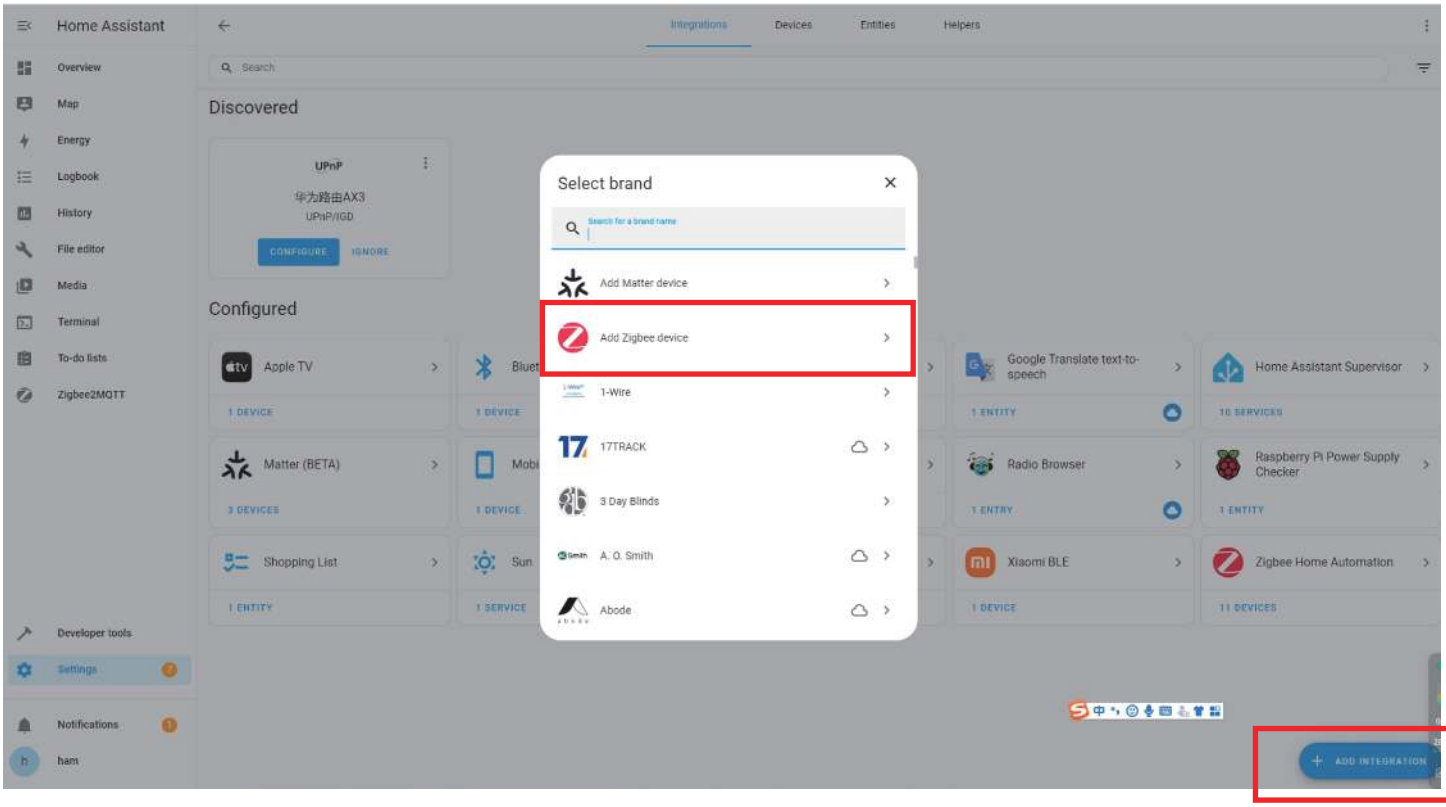
Device: Zigbee dongle

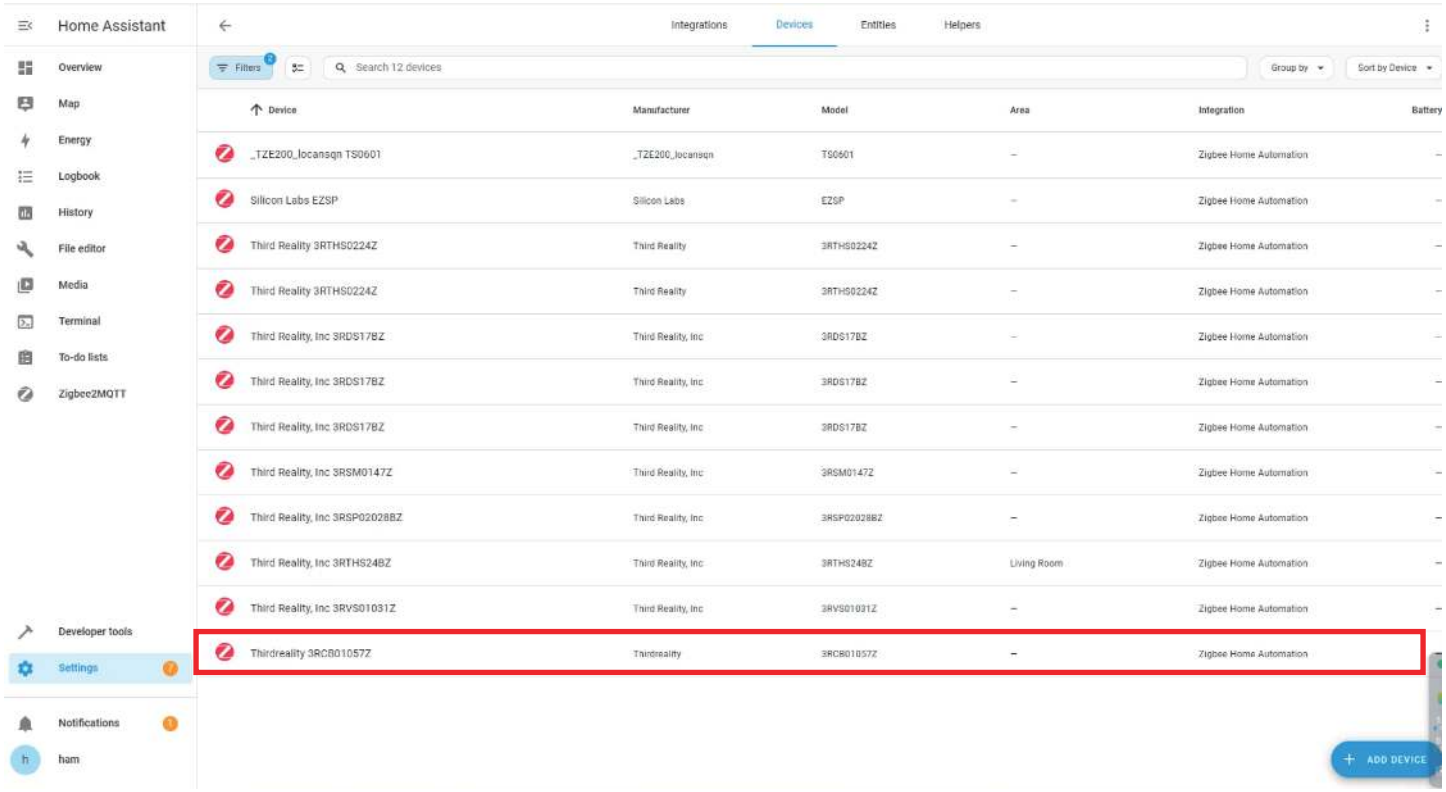


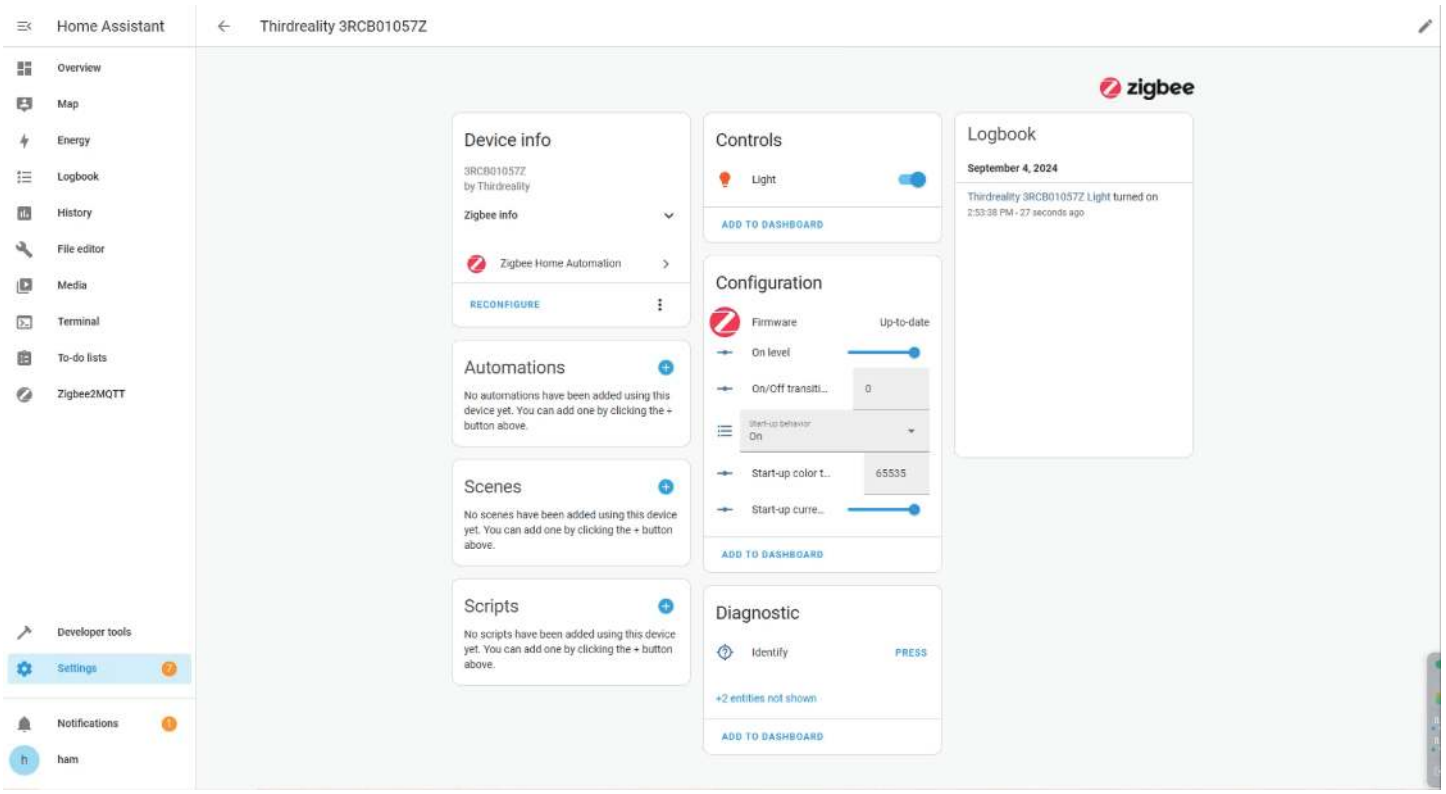
Zigbee Home Automation

1. Turn on the light bulb and confirm it’ s in pairing mode. The smart bulb will flash warm white, cool white, red, green, and blue within 3 seconds, then turn solid warm white, indicating it has entered Zigbee pairing mode. If this sequence doesn’ t occur, please factory reset the bulb 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.


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Home Assistant Operating System 10.3
Home Assistant Cloud
Control home when away and integrate with Alexa and Google Assistant
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Integrations, devices, entities and helpers
Automations & Scenes
Automations, scenes, scripts and blueprints
Areas & Zones
Manage locations in and around your house
Add-ons
Run extra applications next to Home Assistant
Dashboards
Organize how you interact with your home
Voice assistants
Manage your voice assistants
Tags
Set up NFC tags and QR codes
People
Manage who can access your home
System
Create backups, check logs or reboot your system
About
Version information, credits and more

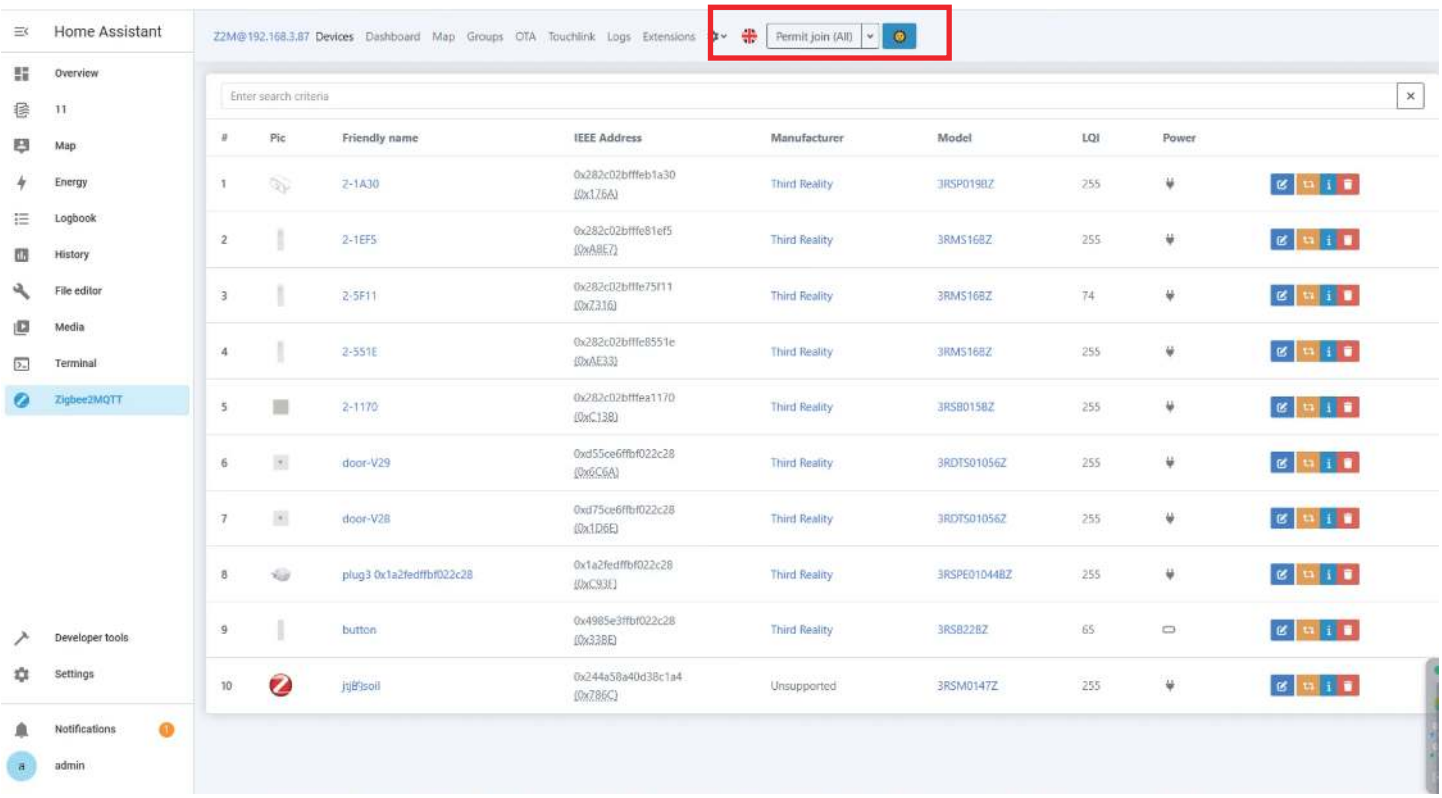

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Home Assistant Supervisor
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Raspberry Pi Power Supply Checker
Xiaomi BLE
Zigbee Home Automation
Select brand
Add Matter device
Add Zigbee device
1-Wire
17TRACK
3 Day Blinds
A. O. Smith
Abode
ADD INTEGRATION

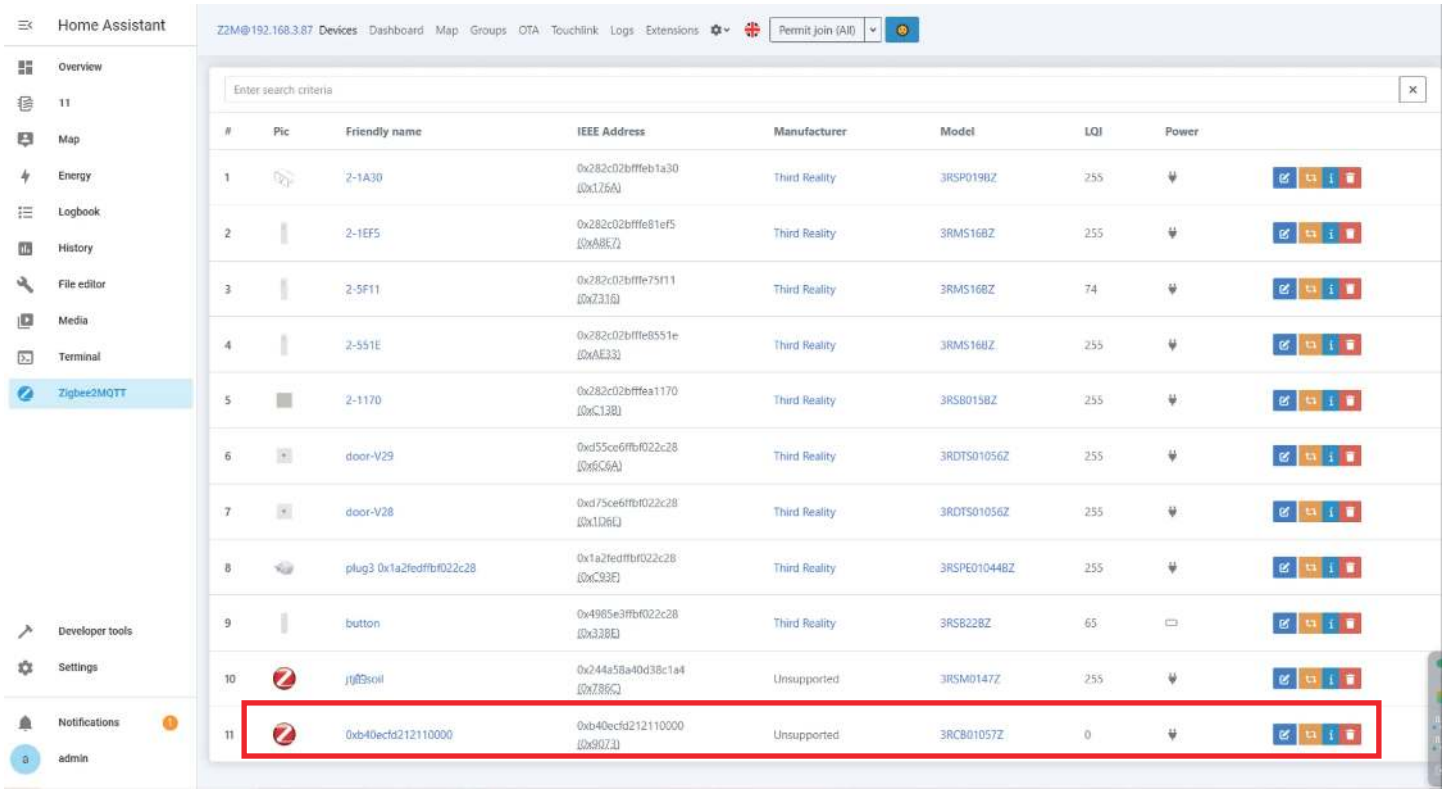

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_TZE200_locansqn
TS0601
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Silicon Labs
EZSP
Third Reality 3RTHS0224Z
Third Reality
3RTHS0224Z
Third Reality, Inc 3RDS17BZ
Third Reality, Inc
3RDS17BZ
Third Reality, Inc 3RSM0147Z
3RSM0147Z
Third Reality, Inc 3RSP02028BZ
3RSP02028BZ
Third Reality, Inc 3RTHS24BZ
3RTHS24BZ
Living Room
Third Reality, Inc 3RVS01031Z
3RVS01031Z
Thirdreality 3RCB01057Z
Thirdreality
3RCB01057Z
ADD DEVICE

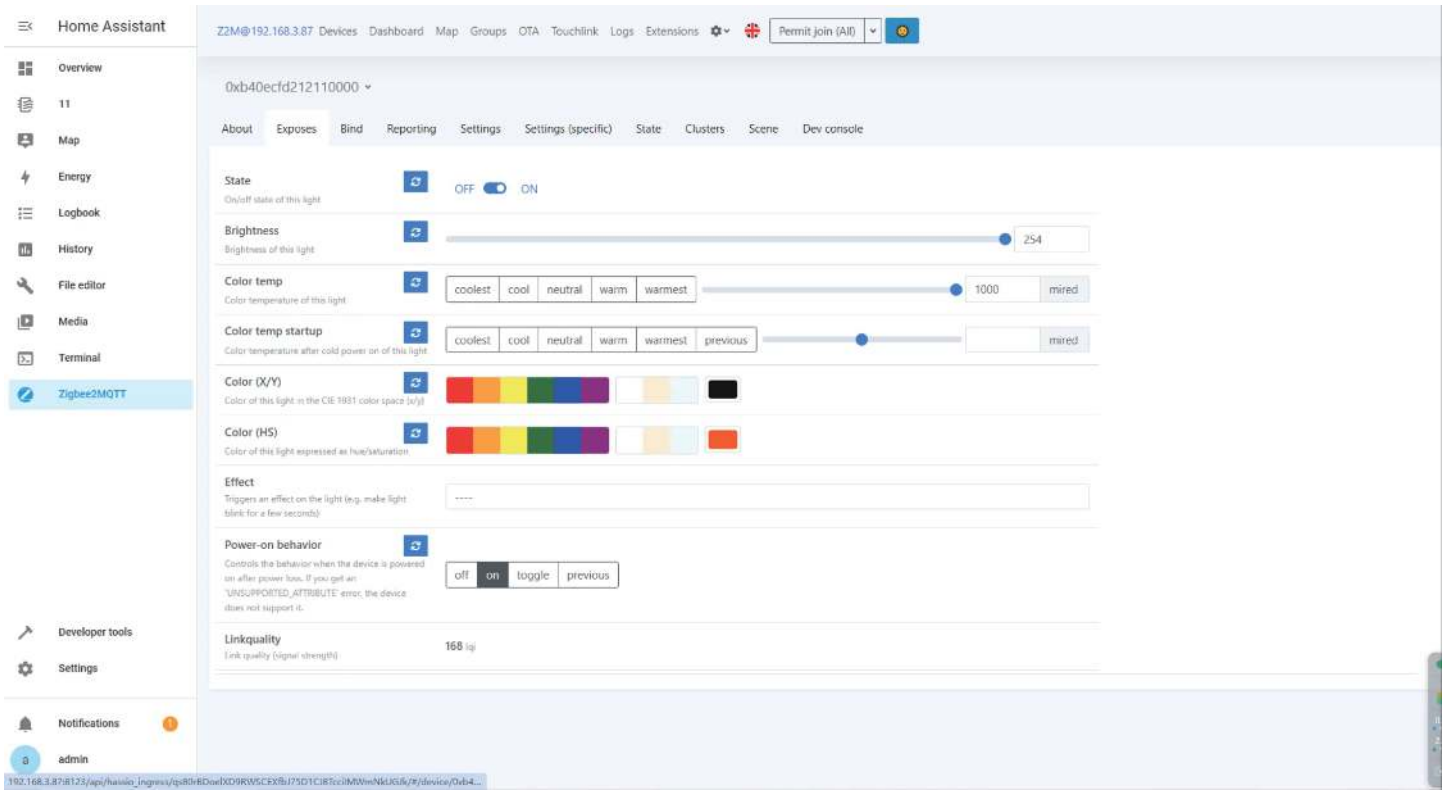

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Thirdreality 3RCB01057Z
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by Thirdreality
Zigbee info
Zigbee Home Automation
RECONFIGURE
Automations
No automations have been added using this device yet. You can add one by clicking the + button above.
Scenes
No scenes have been added using this device yet. You can add one by clicking the + button above.
Scripts
No scripts have been added using this device yet. You can add one by clicking the + button above.
Controls
Light
ADD TO DASHBOARD
Configuration
Firmware
Up-to-date
On level
On/Off transiti...
0
On
Start-up color t...
65535
Start-up curre...
ADD TO DASHBOARD
Diagnostic
Identify
PRESS
+2 entities not shown
ADD TO DASHBOARD
Logbook
September 4, 2024
Thirdreality 3RCB01057Z Light turned on
2:53:38 PM - 27 seconds ago

Zigbee2MQTT

1. Turn on the light bulb and confirm it’ s in pairing mode. The smart bulb will flash warm white, cool white, red, green, and blue within 3 seconds, then turn solid warm white, indicating it has entered Zigbee pairing mode. If this sequence doesn’ t occur, please factory reset the bulb to initiate pairing mode.
2. Permit join to start Zigbee pairing in Zigbee2MQTT.
3. Pairing completed, the bulb will be displayed in the device list Go to Settings page, create automation.




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Permit join (All)
Enter search criteria
Pic Friendly name IEEE Address Manufacturer Model LQI Power
1 2-1A30 0x282c02bfffeb1a30 (0x176A) Third Reality 3RSP019BZ 255
2 2-1EF5 0x282c02bfffe81ef5 (0xA8E7) Third Reality 3RMS16BZ 255
3 2-5F11 0x282c02bfffe75f11 (0x7316) Third Reality 3RMS16BZ 74
4 2-551E 0x282c02bfffe8551e (0xAE33) Third Reality 3RMS16BZ 255
5 2-1170 0x282c02bfffea1170 (0xC138) Third Reality 3RSB015BZ 255
6 door-V29 0xd55ce6ffbf022c28 (0x6C6A) Third Reality 3RDTS01056Z 255
7 door-V28 0xd75ce6ffbf022c28 (0x1D6E) Third Reality 3RDTS01056Z 255
8 plug3 0x1a2fedffbf022c28 0x1a2fedffbf022c28 (0xC93E) Third Reality 3RSPE01044BZ 255
9 button 0x4985e3ffbf022c28 (0x338E) Third Reality 3RSB22BZ 65
10 jtjtf3soil 0x244a58a40d38c1a4 (0x786C) Unsupported 3RSM0147Z 255
11 0xb40ecfd212110000 0xb40ecfd212110000 (0x9071) Unsupported 3RCB01057Z 0


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Permit join (All)
0xb40ecfd212110000
About Exposes Bind Reporting Settings Settings (specific) State Clusters Scene Dev console
State
On/off state of this light
OFF ON
Brightness
Brightness of this light
254
Color temp
Color temperature of this light
coolest cool neutral warm warmest
1000
mired
Color temp startup
Color temperature after cold power on of this light
coolest cool neutral warm warmest previous
mired
Color (X/Y)
Color of this light in the CIE 1931 color space (x/y)
Color (HS)
Color of this light expressed as hue/saturation
Effect
Triggers an effect on the light (e.g. make light blink for a few seconds)

Power-on behavior
Controls the behavior when the device is powered on after power loss. If you get an 'UNSUPPORTED_ATTRIBUTE' error, the device does not support it.
off on toggle previous
Linkquality
Link quality (signal strength)
168 lqi

Important Safety Information

Before installing the Smart Bulbs, please read and follow all precautions, including:
Turn off power before installation or removal. Discontinue use if damaged.
Warning: risk of electric shock. Do not attempt to disassemble bulb.
Only use the control provided with or specified by these instructions to control this lamp. This lamp will not operate properly when connected to a standard (incandescent) dimmer or dimming control.
Suitable for use in operating environment
-4°F ～ 104°F(-20°C ～ 40°C).
Utilisez uniquement la commande fournie avec ou spécifiée par ces instructions pour commander cette lampe. Cette lampe ne fonctionnera pas correctement lorsqu' elle est raccordée à un gradateur ou à un régulateur de gradation standard (à incandescence).
Convient pour une utilisation en environnement de fonctionnement -4°F ~ 104°F(-20°C ~ 40°C).
THIS DEVICE IS NOT INTENDED FOR USE WITH EMERGENCY EXITS.
NE CONVIENT PAS AUX SORTIES DE SECOURS.
Indoor use only.

Customer Service:
https://3reality.com/email-support/
Forum: **https://discuss.3reality.com/**
FAQ: **https://thirdreality.com/faq-help-center**

FCC Regulatory Conformance

This device complies with Part 15 of the FCC Rule. 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.

1.Caution statement:

Modifications not approved by the party responsible for compliance could void user’ s authority to operate the equipment.

2. Instruction statement:

This equipment has been tested and found to comply with the limits for 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 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 the 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.

ISEDC RSS warning

This device complies with Innovation, Science and Economic Development Canada Compliance licence-exempt RSS standard (s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference,including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement
économique ISEDC applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:
(1) l'appareil ne doit pas produire de brouillage, et
(2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le
brouillage est susceptible d'en compromettre le fonctionnement.

FCC/ ISEDC Radiation Exposure Statement

This equipment should be installed and operated with minimum distance 20cm between
the radiator& your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Cet équipement doit être installé et utilisé avec un minimum de 20cm de distance entre le radiateur et votre corps.

Cet émetteur ne doit pas être co-localisés ou fonctionner en conjonction avec une autre antenne ou émetteur.