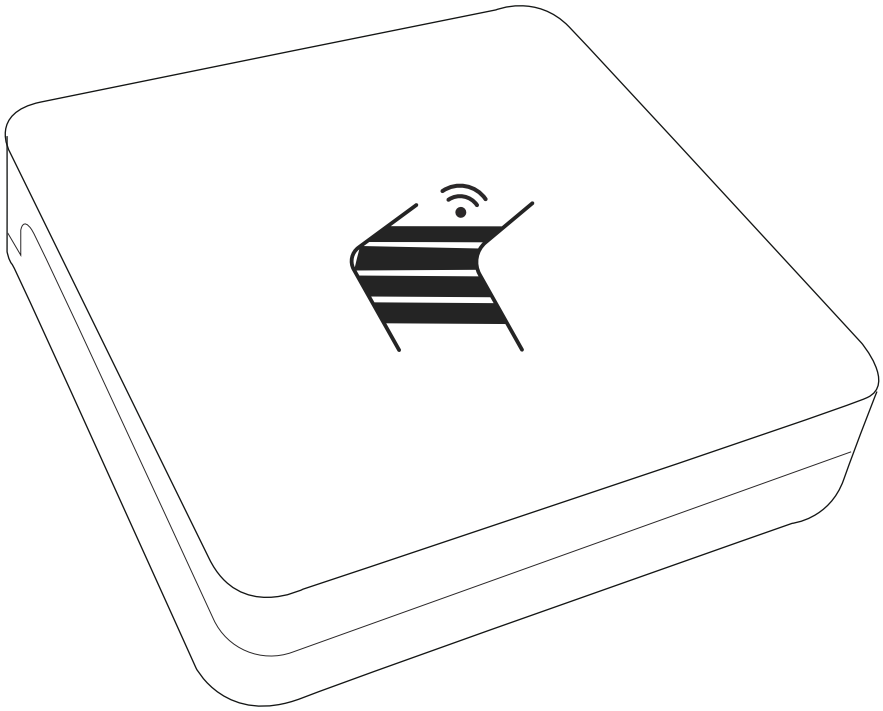
Garage Door Tilt Sensor

User Manual



THIRDREALITY

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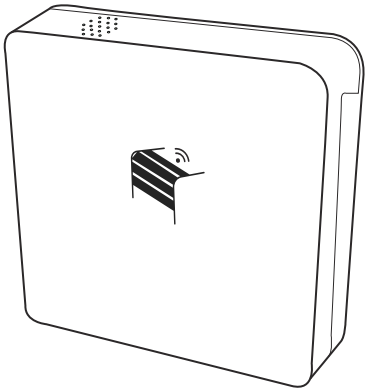
Pairing with Home Assistant 20

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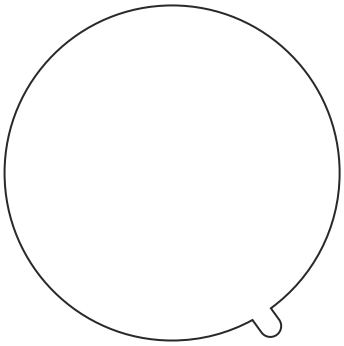
RF Exposure 26

Limited Warranty 26

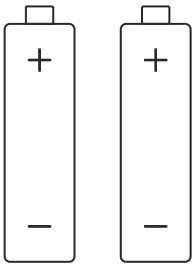
What's in the Box



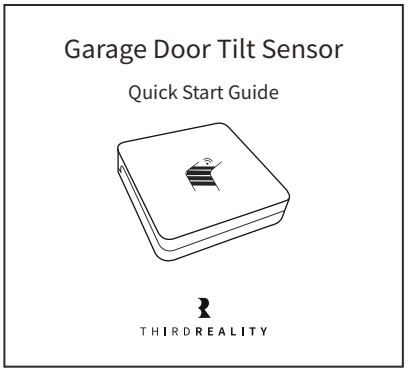
Garage Door Tilt Sensor



3M Sticker



AAA Battery



Quick Start Guide

Introduction

Zigbee Garage Door Tilt Sensor: Your Trustworthy Guardian.
Enhance your home's security effortlessly with our easy-to-install, reliable garage door tilt sensor. The device complies with Zigbee 3.0 standard and can be compatible with most Zigbee Home automation systems. It can also be adapted to more ecosystems through Smart Bridge MZ1, such as Apple Home, enabling users to monitor their garage door status at any moment. Moreover, the product offers a sensitivity adjustment feature.

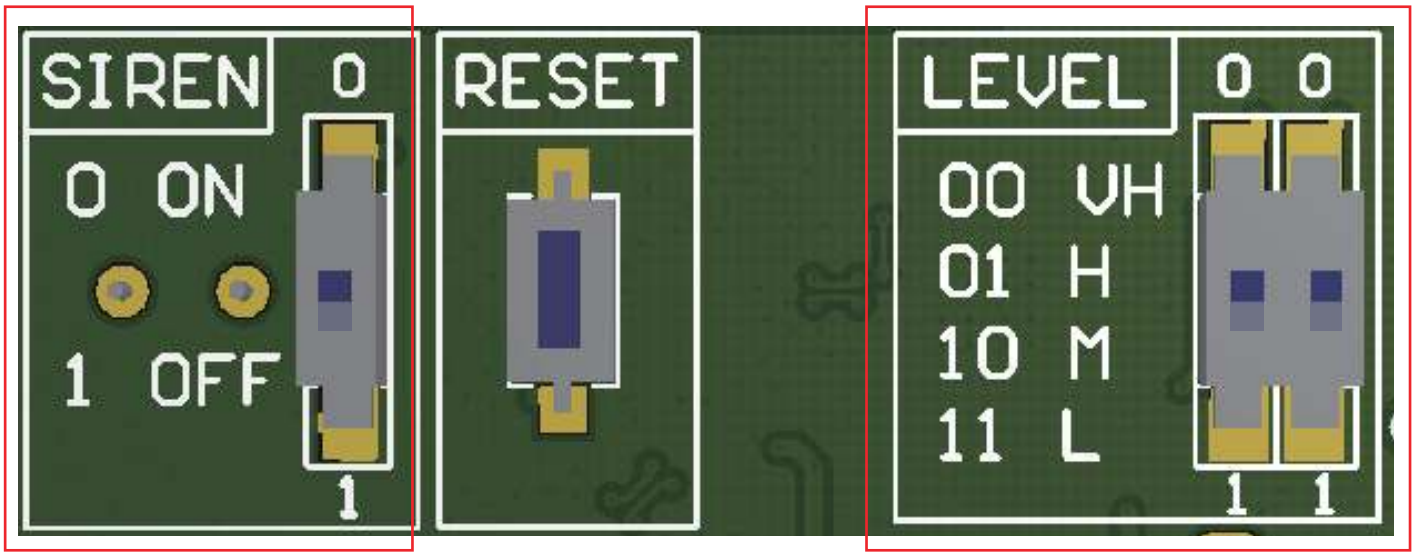
LED Indicator

LED State	Description
Blue blinking	Pairing mode
Red blinking	Device offline
Red double blinking	Low battery
Solid red	Factory Reset(Press and hold the reset button for 5 seconds)

Specification

Model	3RDTS01056Z
Dimensions	56.1 × 12.7 × 56.1 mm (2.21 x 0.5 x 2.21 in.)
Wireless Protocol	Zigbee 3.0
Battery	2 x AAA Alkaline
Operating Temperature	-10° ~ +45°C (14°F ~ 113°F)

* Indoor use only
* Not intended to be used as security product

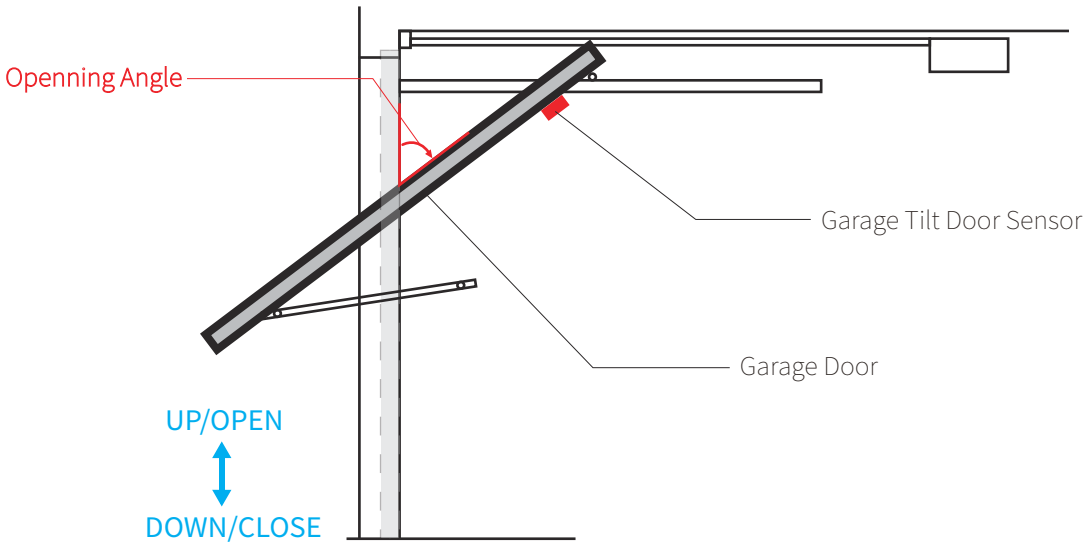


Siren Setting:

0	1
ON	OFF

Sensitivity Setting:

Level				
	00	01	10	11
Sensitivity	Very High	High	Medium	Low
Openning Angle	⩾10°	⩾20°	⩾30°	⩾45°



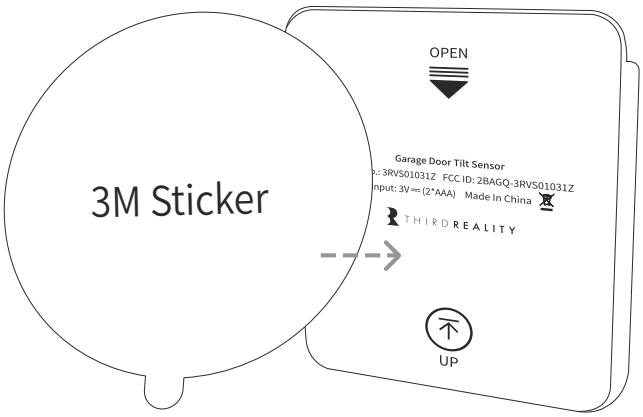
Note: Set up the sensor with your Zigbee hub, then mount the sensor on the top panel of your garage door using the included sticker.

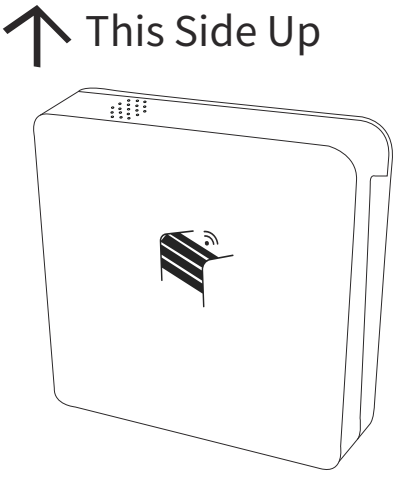
Setup

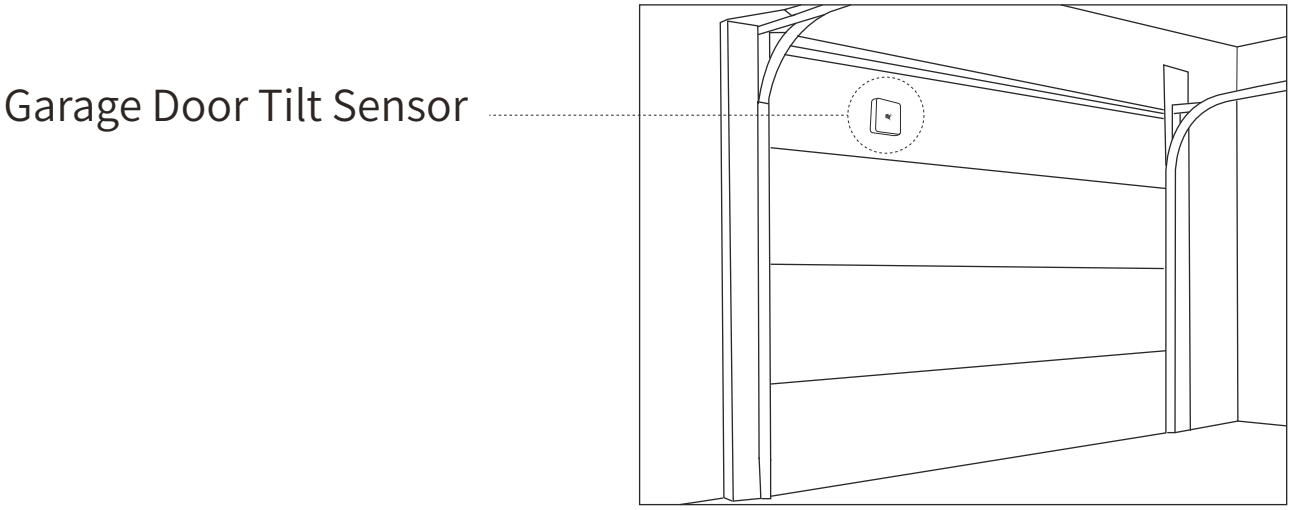
1. Install the battery to power the sensor.
2. Press and hold the reset button for 5 seconds to factory reset the sensor, the LED light will turn red and flash in blue, indicating entering Zigbee pairing mode. It will exit Zigbee pairing mode after 3 min if not paired.
3. Add the sensor to your Zigbee hub/smart bridge/Echo speaker with built-in Zigbee hub according to the corresponding instructions. Supports Amazon Echo(speaker with built-in Zigbee smart home hub: Echo Plus2/Echo V4/Echo Studio/Echo Plus1), SmartTings (2015/2018/Station/ Aeotec smart hub), Home Assistant (ZHA & Z2M with Zigbee dongle), Hubitat(Elevation with Zigbee hub), ThirdReality (Smart Hub / Smart Bridge), Homey(bridge/Pro), etc., support Matter supported ecosystems like Apple Home, Google Home etc. via ThirdReality Smart Bridge.

Installation

1. Choose a clean, flat location on the top panel of your garage door.
   Important: Ensure the sensor is mounted in the direction shown below, with the battery cover facing the garage door panel itself.
2. Peel off the backing from the double-sided sticker.
3. Firmly press the sensor onto your garage door panel.
   Note: Position the sensor within a direct line of sight to your Zigbee hub/Zigbee repeater to avoid any signal interference if possible.







Pairing with ThirdReality

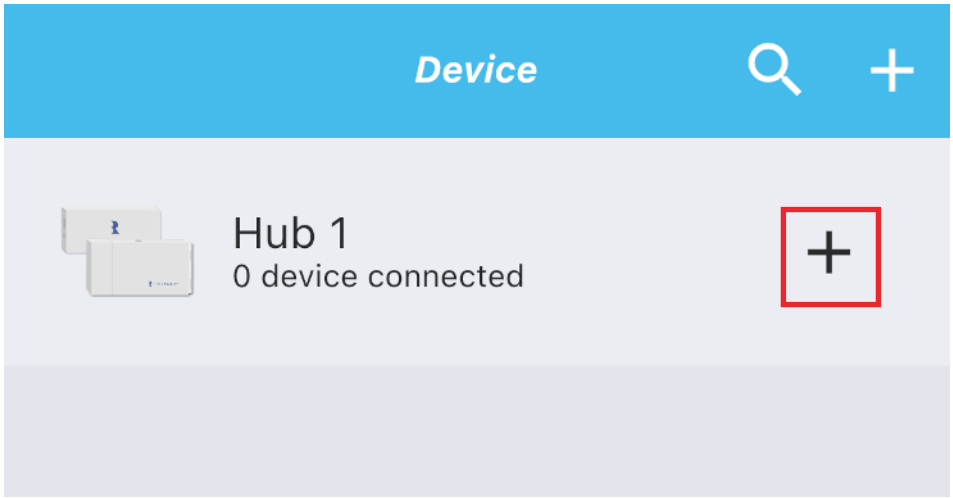
App: Third Reality App

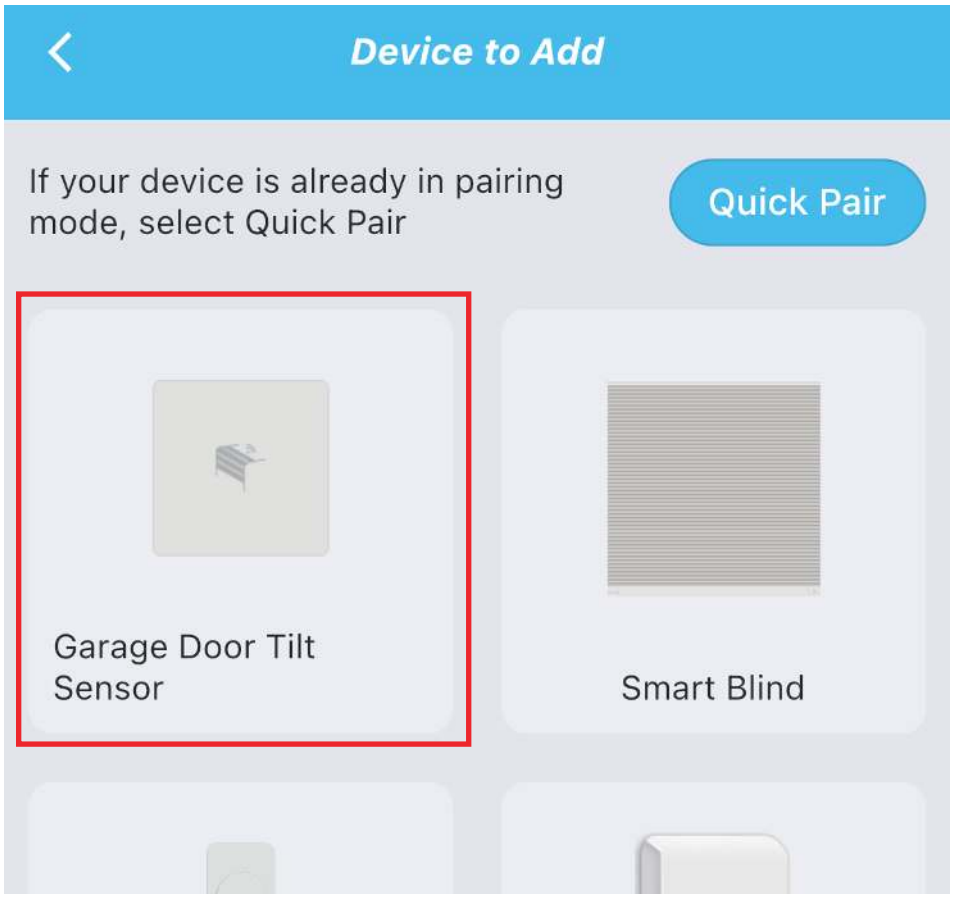
Device: ThirdReality Smart Hub

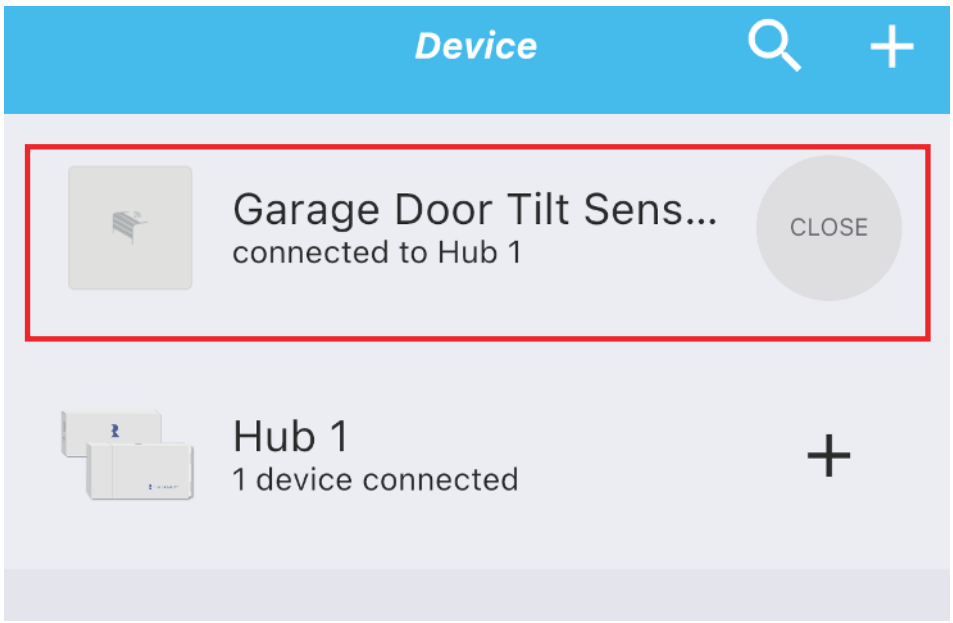


Pairing steps:

1. Register and sign in your ThirdReality account, set up your ThirdReality smart hub, make sure both the Third Reality app and the smart hub's firmware are in the latest version.
2. Push to open the back cover of the sensor and install the batteries.
3. Press and hold the reset button for 5 seconds to factory reset the sensor, the LED light will turn red and flash in blue, indicating entering Zigbee pairing mode. It will exit pairing mode after 3 min if not paired.
4. Tap "+" in the up right in the Third Reality App, follow the on-screen instructions to add device.
5. Create routines to control other connected devices, like ThirdReality smart switch etc.


Device
Hub 1
0 device connected


Device to Add
If your device is already in pairing mode, select Quick Pair
Quick Pair
Garage Door Tilt Sensor
Smart Blind


Device
Garage Door Tilt Sens...
connected to Hub 1
CLOSE
Hub 1
1 device connected

Pairing with 3R-Installer

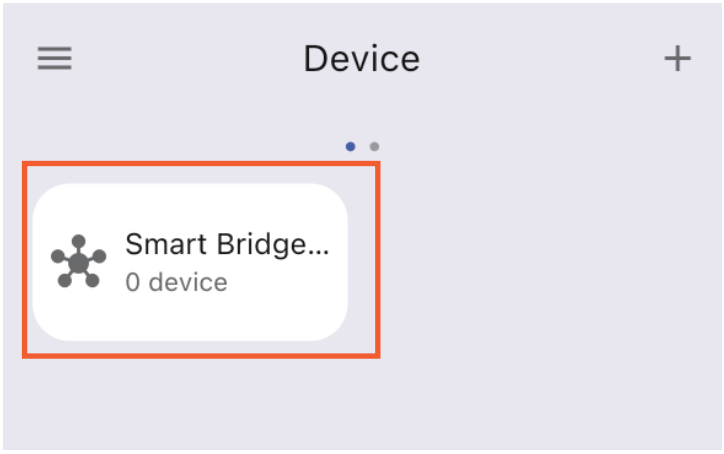
App: 3R-Installer App

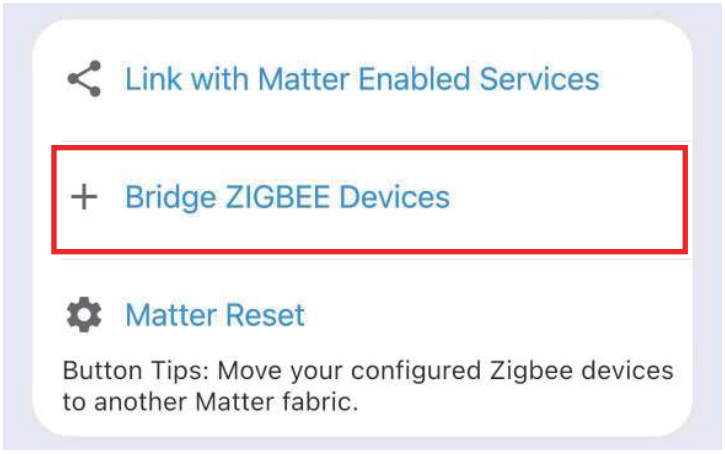
Device: Smart Bridge MZ1

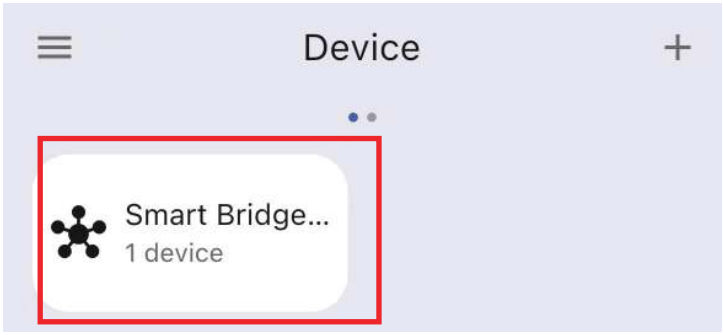


Pairing steps:

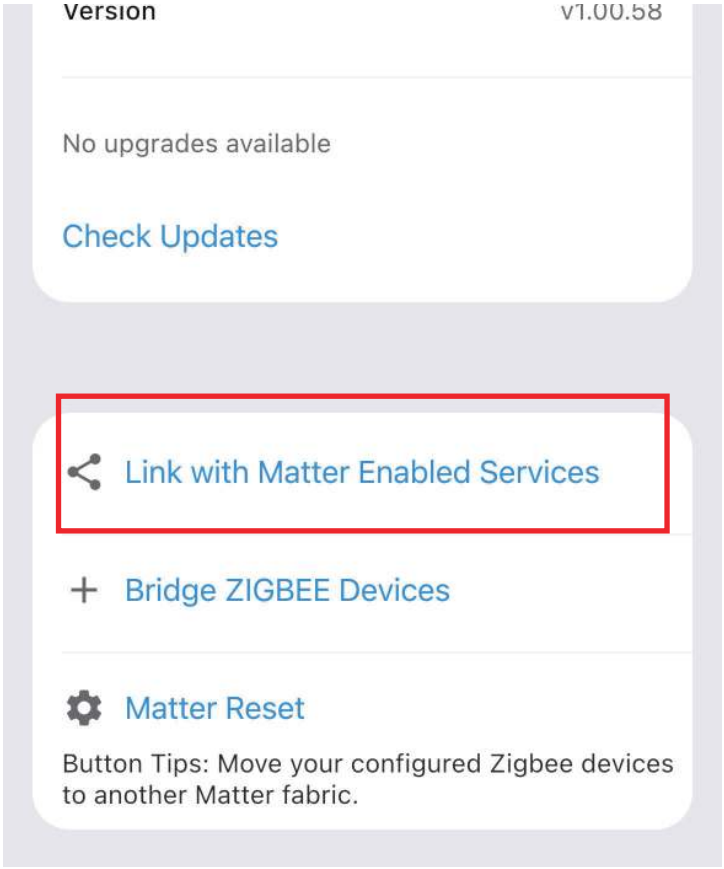
1. Set up your smart bridge, make sure both the 3R-Installer App and the smart bridge's firmware are in the latest version.
2. Push to open the back cover of the sensor and install the batteries.
3. Press and hold the reset button for 5 seconds to factory reset the sensor, the LED light will turn red and flash in blue, indicating entering Zigbee pairing mode. It will exit pairing mode after 3 min if not paired.
4. Tap the smart bridge icon to enter the devices page, tap "+ Bridge ZIGBEE Devices" to start Zigbee pairing, follow the on-screen instructions to add device.
5. Tap Link With Matter Enabled Services, copy the Manual Setup Code or Scan the QR Code within 3 min, then you can add the bridge to other Matter supported ecosystems through multi-admin.

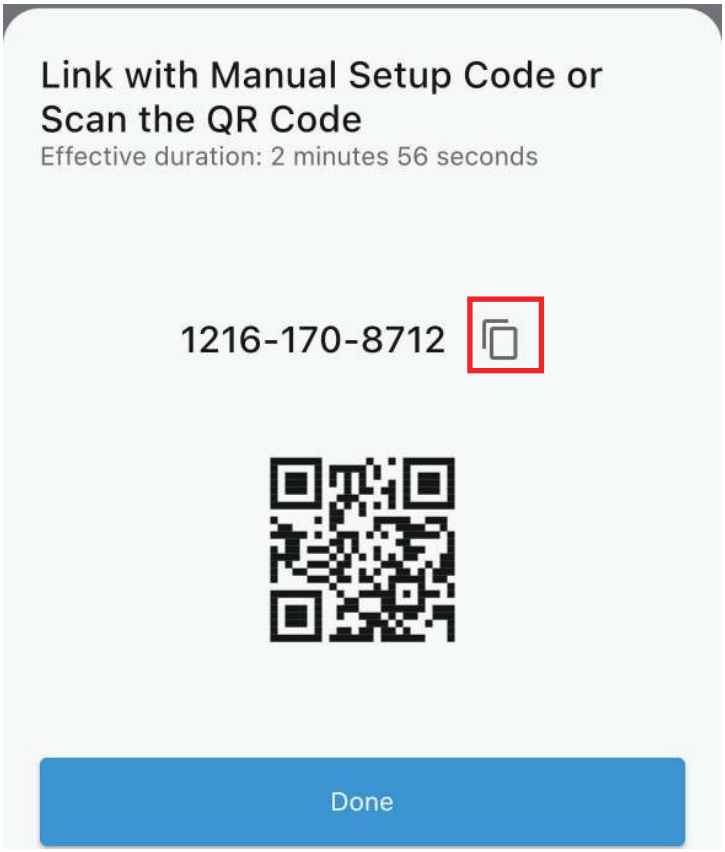

Device
Smart Bridge...
0 device


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


Device
Smart Bridge...
1 device


Smart Bridge MZ1
Garage Door ...
CLOSED


Version
v1.00.58
No upgrades available
Check Updates
Link with Matter Enabled Services
Bridge ZIGBEE Devices
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 56 seconds
1216-170-8712
Done

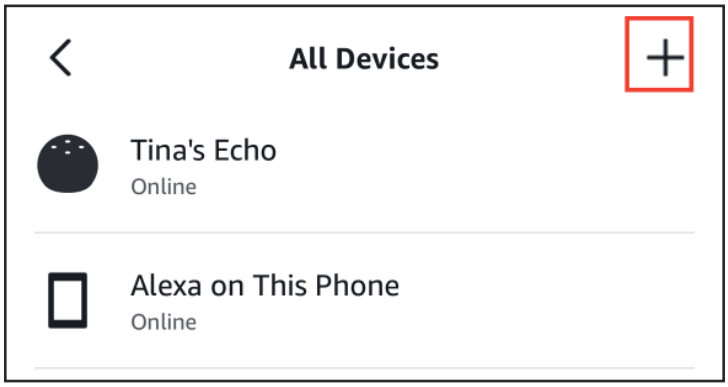
Pairing with Amazon Echo

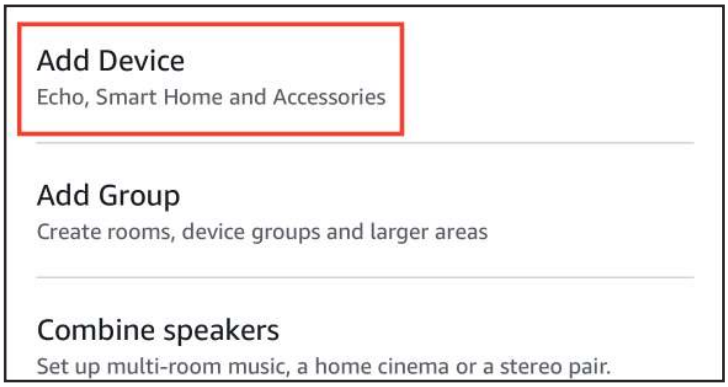
App: Amazon Alexa

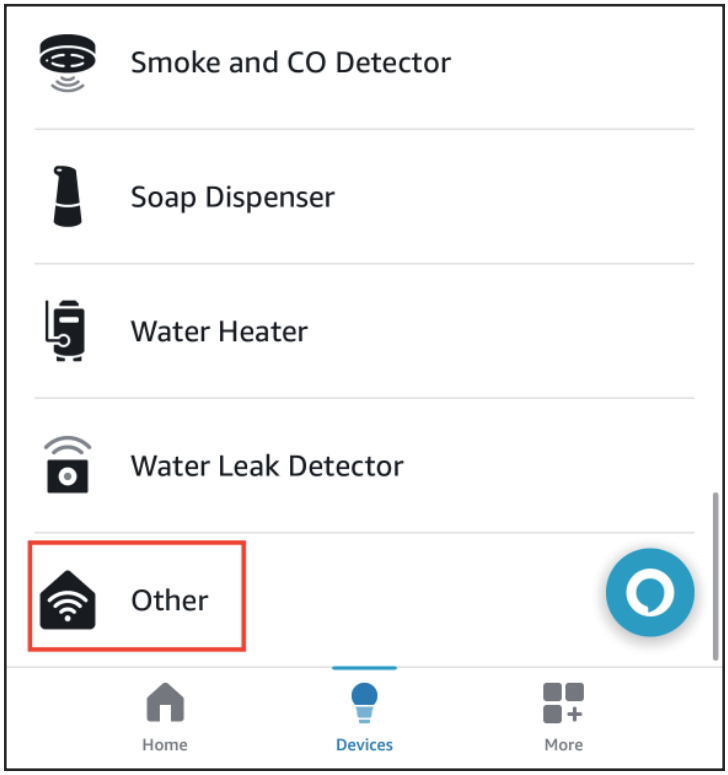
Devices: Echo speakers with built-in Zigbee hub, Echo 4th Gen, Echo Plus 1st & 2nd Gen, Echo Studio

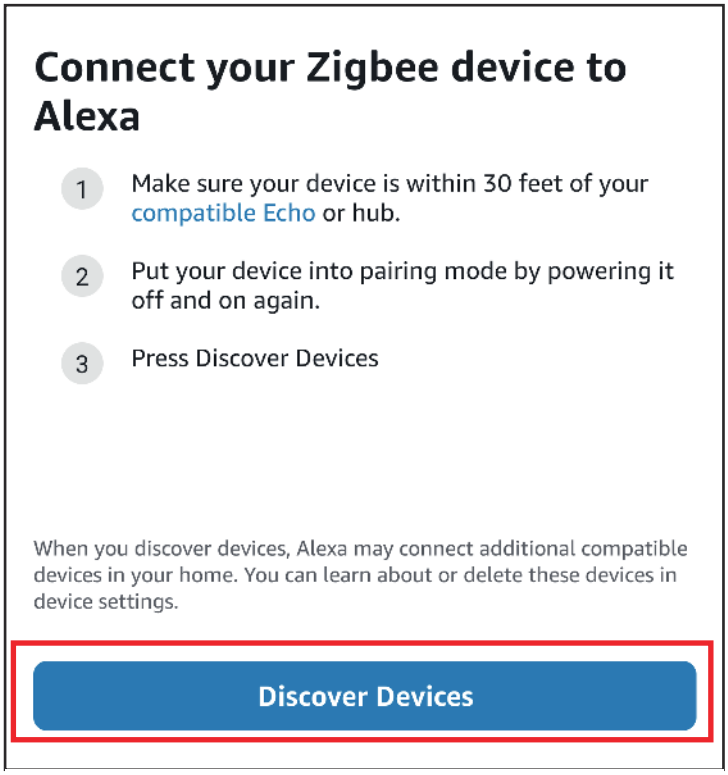
Pairing steps:

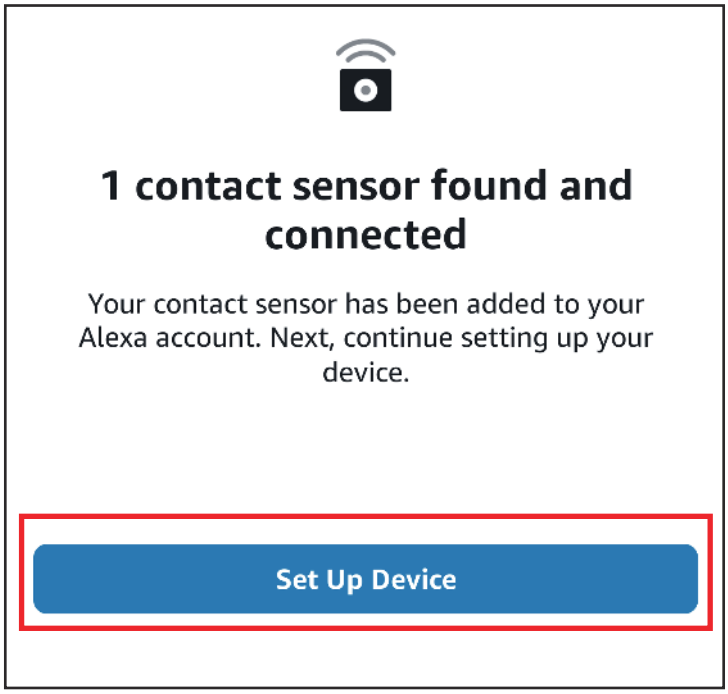
1. Ask Alexa to check for updates before pairing.
2. Install the batteries. Press and hold the reset button for 5 seconds to factory reset the sensor, the LED light will turn red and flash, indicating entering Zigbee pairing mode. It will exit Zigbee pairing mode after 3 min if not paired.
3. Tap "+" in the Alexa App, choose "Other" and "Zigbee" to add device, the Garage Door Tilt Sensor will be added.
4. You can create routines with the device.

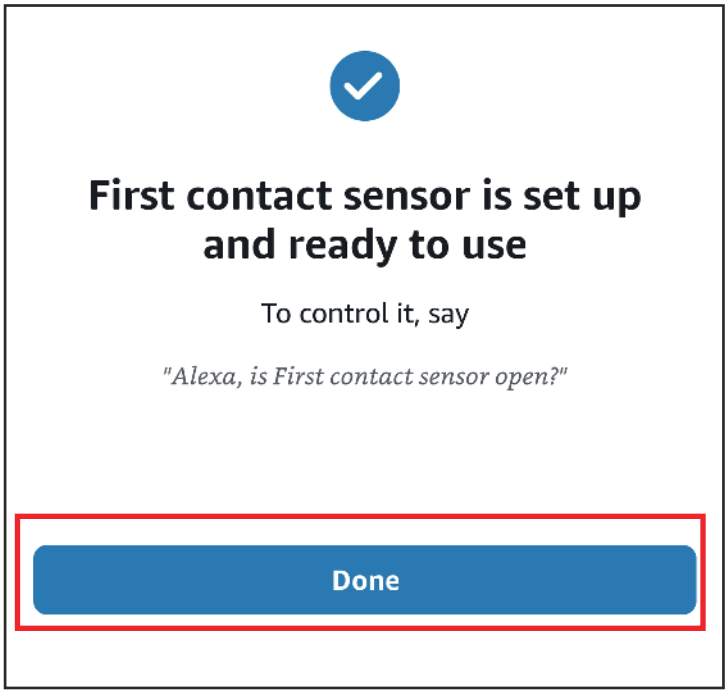

All Devices
Tina's Echo
Online
Alexa on This Phone
Online

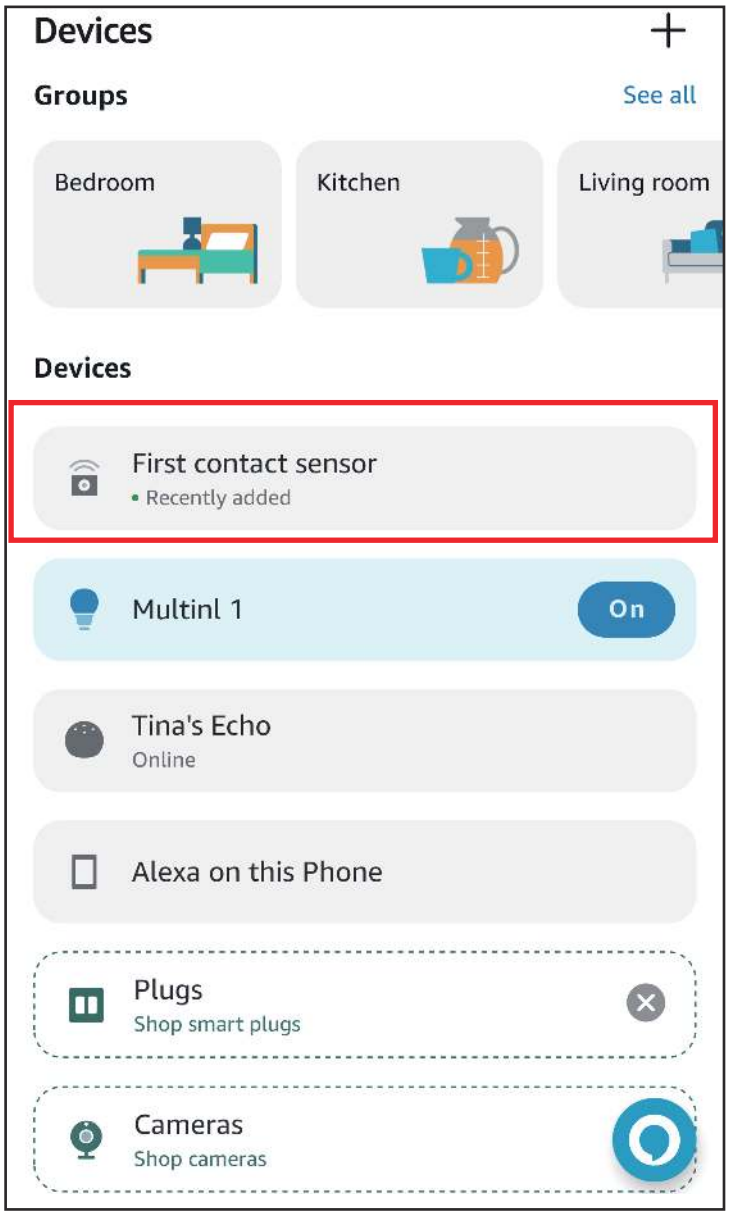

Add Device
Echo, Smart Home and Accessories
Add Group
Create rooms, device groups and larger areas
Combine speakers
Set up multi-room music, a home cinema or a stereo pair.

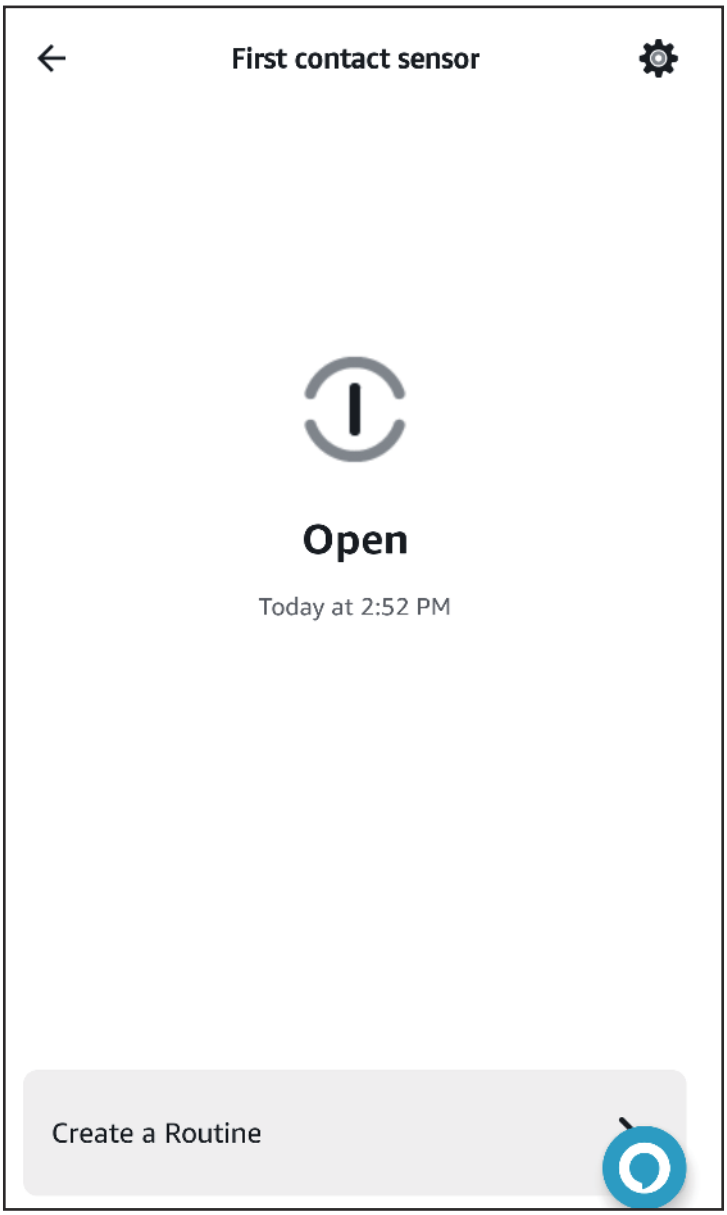

Smoke and CO Detector
Soap Dispenser
Water Heater
Water Leak Detector
Other
Home
Devices
More

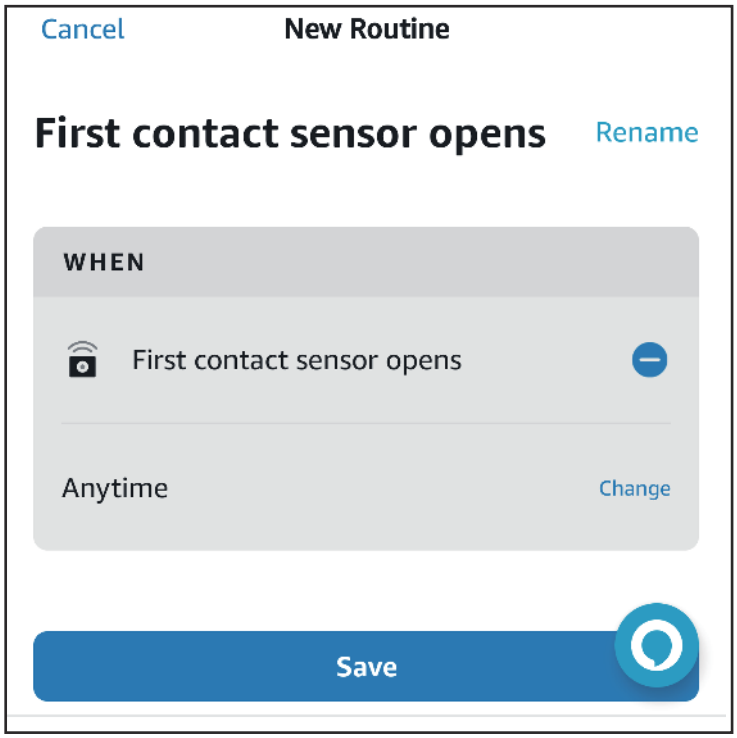

Connect your Zigbee device to Alexa
1 Make sure your device is within 30 feet of your compatible Echo or hub.
2 Put your device into pairing mode by powering it off and on again.
3 Press Discover Devices
When you discover devices, Alexa may connect additional compatible devices in your home. You can learn about or delete these devices in device settings.
Discover Devices


1 contact sensor found and connected
Your contact sensor has been added to your Alexa account. Next, continue setting up your device.
Set Up Device


First contact sensor is set up and ready to use
To control it, say
"Alexa, is First contact sensor open?"
Done


Devices
Groups
See all
Bedroom
Kitchen
Living room
Devices
First contact sensor
Recently added
Multinl 1
On
Tina's Echo
Online
Alexa on this Phone
Plugs
Shop smart plugs
Cameras
Shop cameras


First contact sensor
Open
Today at 2:52 PM
Create a Routine


Cancel
New Routine
First contact sensor opens
Rename
WHEN
First contact sensor opens
Anytime
Change
Save

Pairing with SmartThings

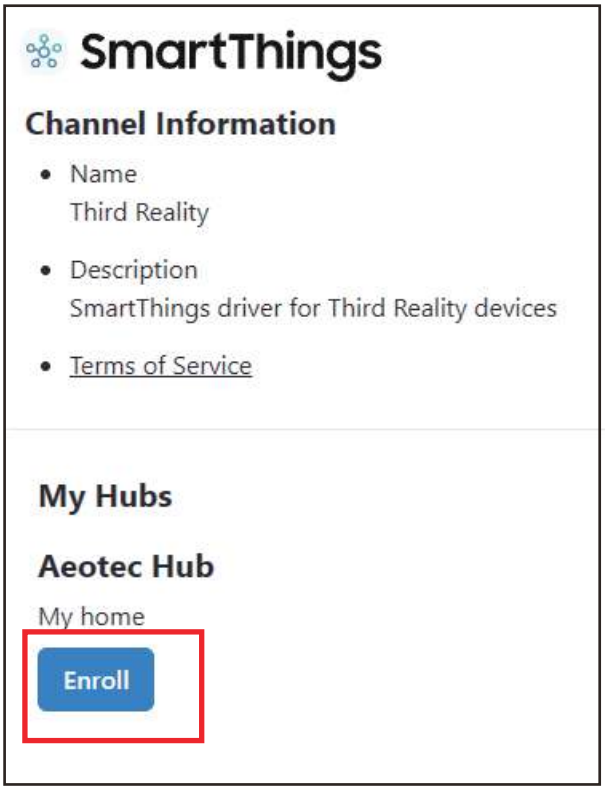
App: SmartThings App
Devices: SmartThings Hub 2nd Gen(2015) and 3rd Gen(2018), Aeotec Smart Home Hub.

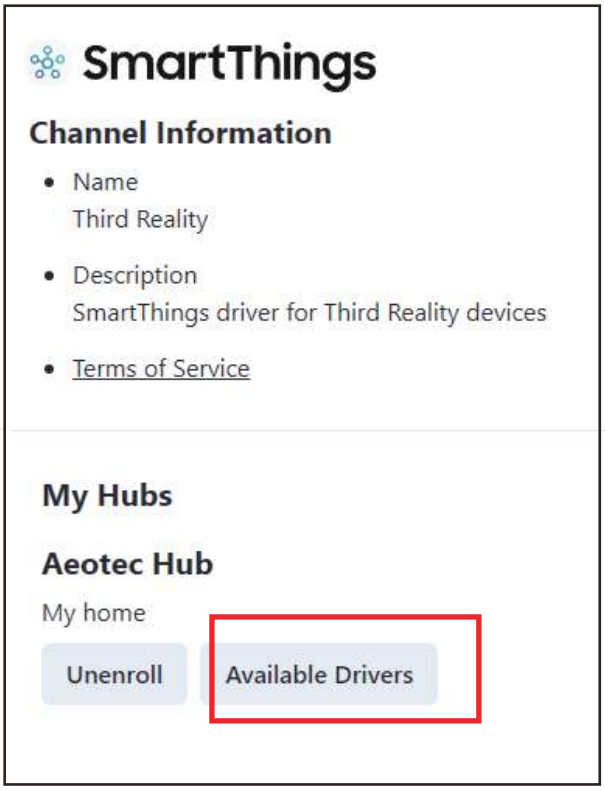


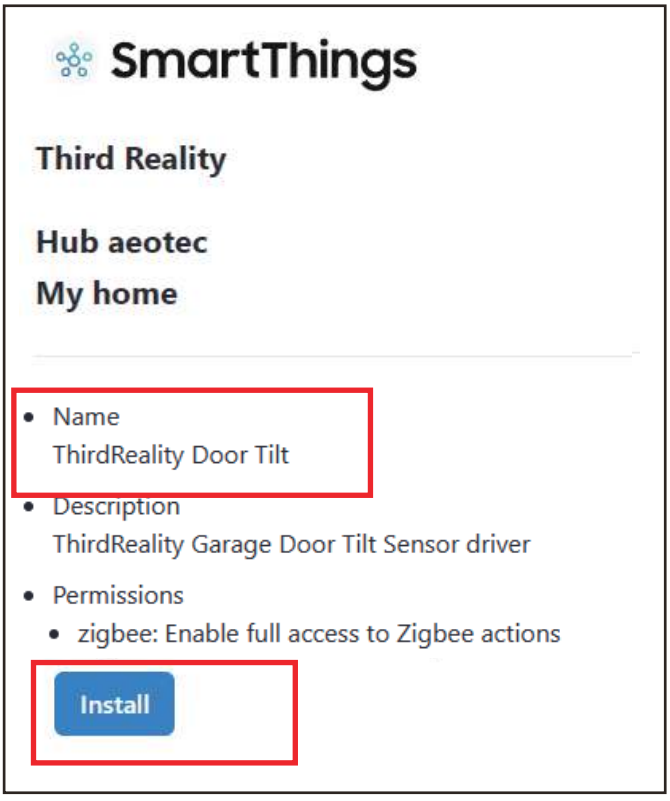
Pairing steps:

1. Before pairing, check for updates to make sure the SmartThings Hub firmware is up to date.
2. Add SmartThings drivers for ThirdReality Garage Door Tilt Sensor

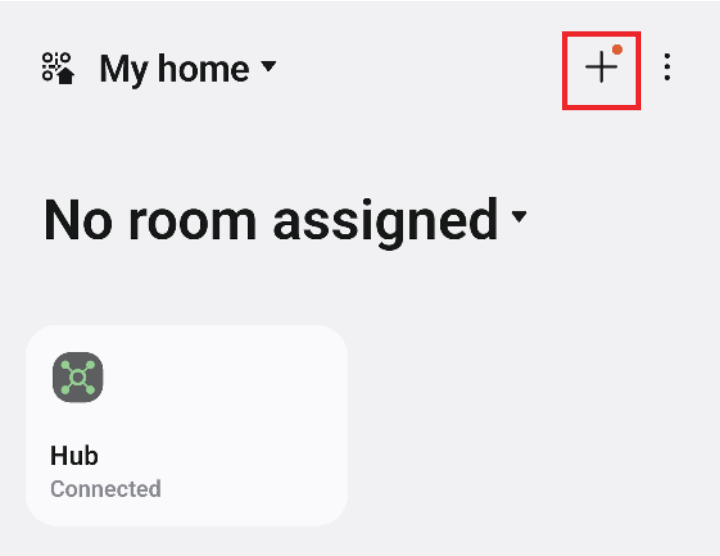
- Open this link in your PC browser. Log in your SmartThings Account.
  https://bestow-regional.api.smartthings.com/invite/adMKr50EXzj9
- Click "Enroll" --"Available Drivers" -- "Install" to install the device driver.

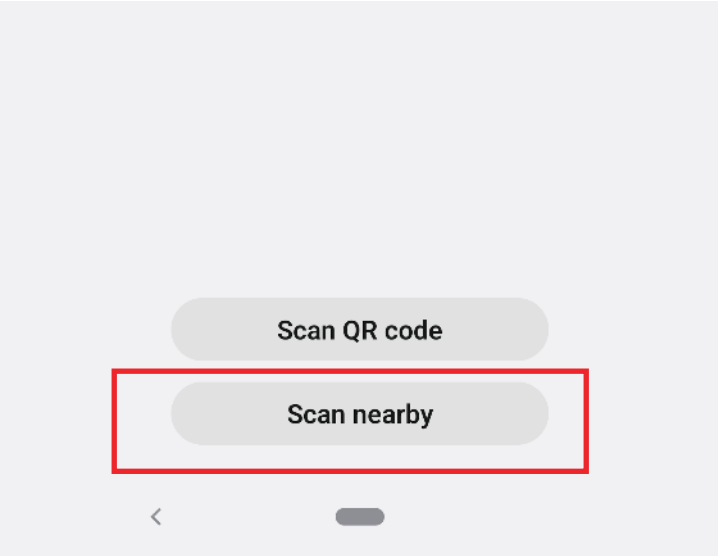

SmartThings
Channel Information
Name
Third Reality
Description
SmartThings driver for Third Reality devices
Terms of Service
My Hubs
Aeotec Hub
My home
Enroll


SmartThings
Channel Information
Name
Third Reality
Description
SmartThings driver for Third Reality devices
Terms of Service
My Hubs
Aeotec Hub
My home
Unenroll
Available Drivers

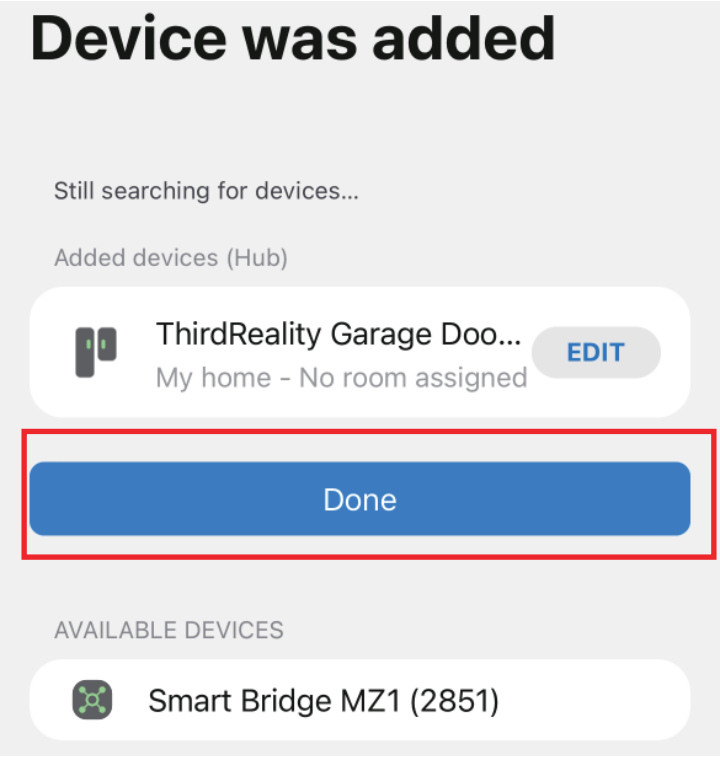

SmartThings
Third Reality
Hub aeotec
My home
Name
ThirdReality Door Tilt
Description
ThirdReality Garage Door Tilt Sensor driver
Permissions
zigbee: Enable full access to Zigbee actions
Install

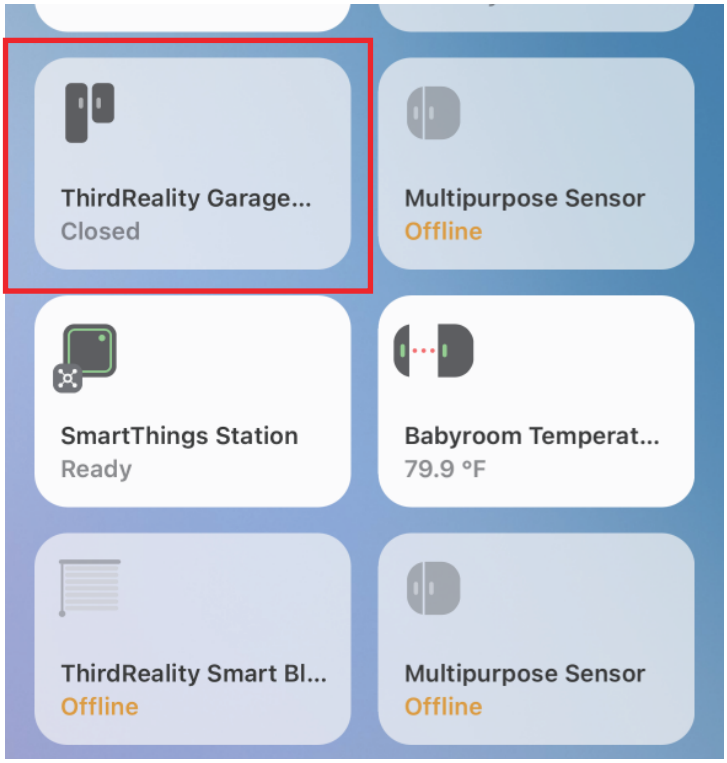
3. Install the batteries. Press and hold the reset button for 5 seconds to factory reset the sensor, the LED light will turn red and flash, indicating entering Zigbee pairing mode. It will exit Zigbee pairing mode after 3 min if not paired.
4. Open the SmartThings App, tap "+" on the upper right corner to "Add device" and then tap "Scan for nearby devices".



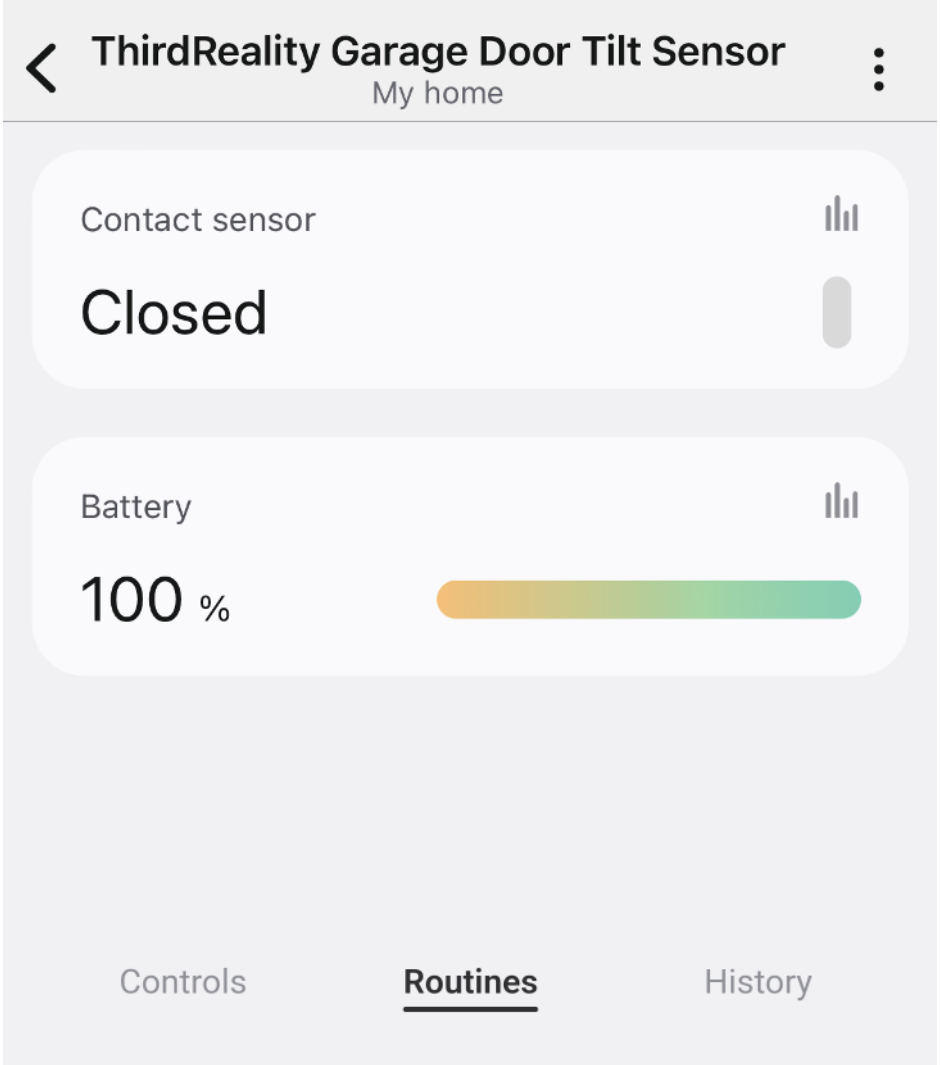


5. The Garage Door Tilt Sensor will be paired with the SmartThings hub.





6. Create routines to control connected devices.



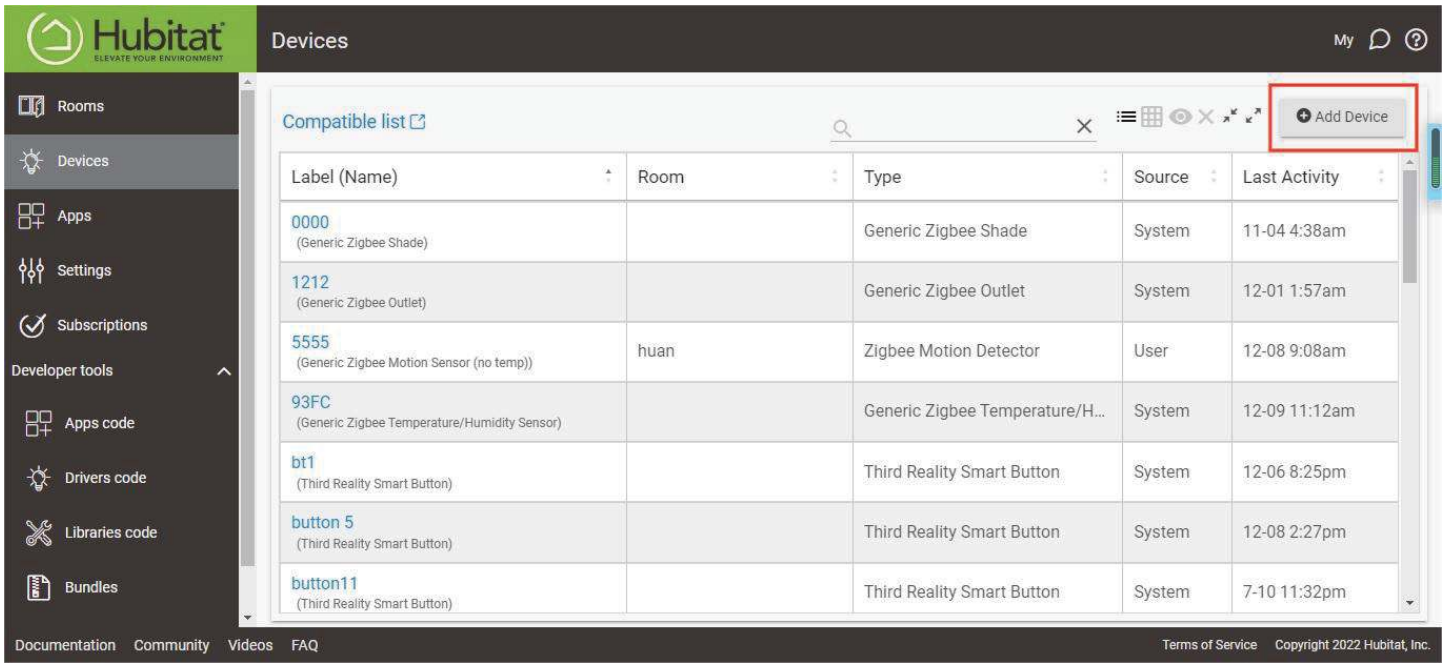
Pairing with Hubitat

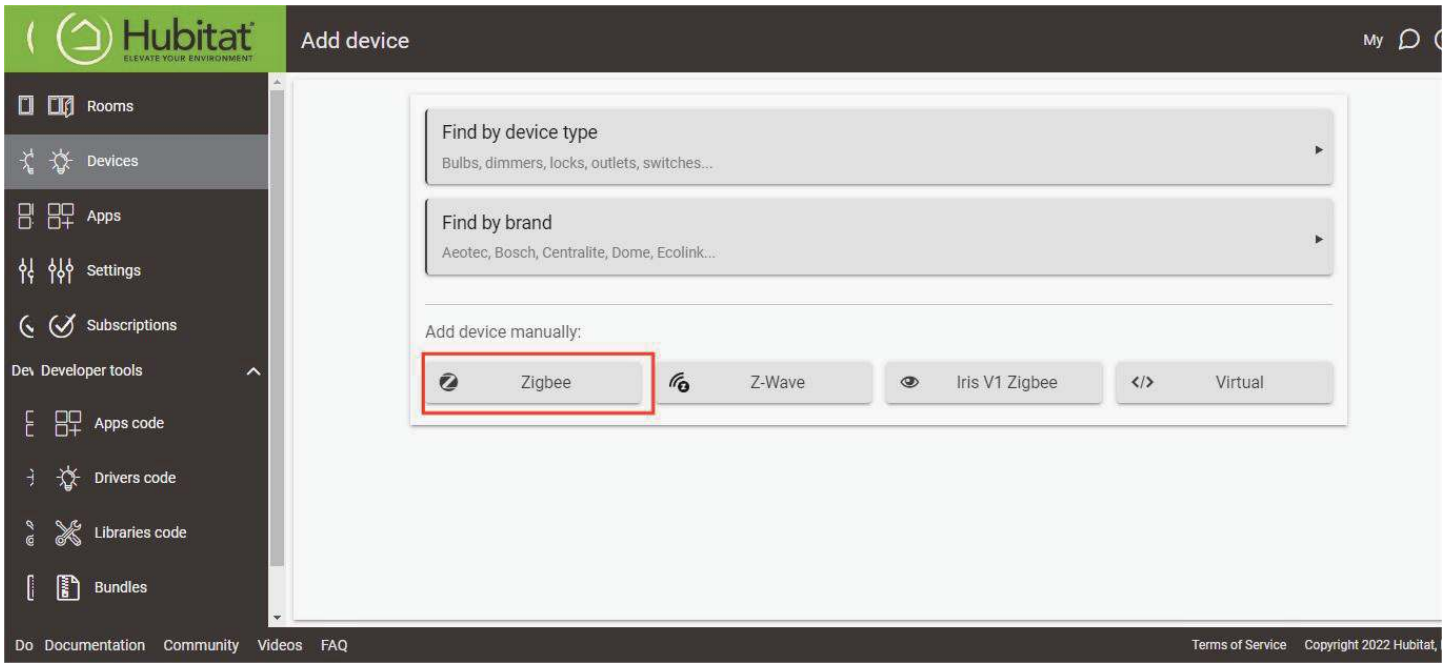
Website: http://find.hubitat.com/

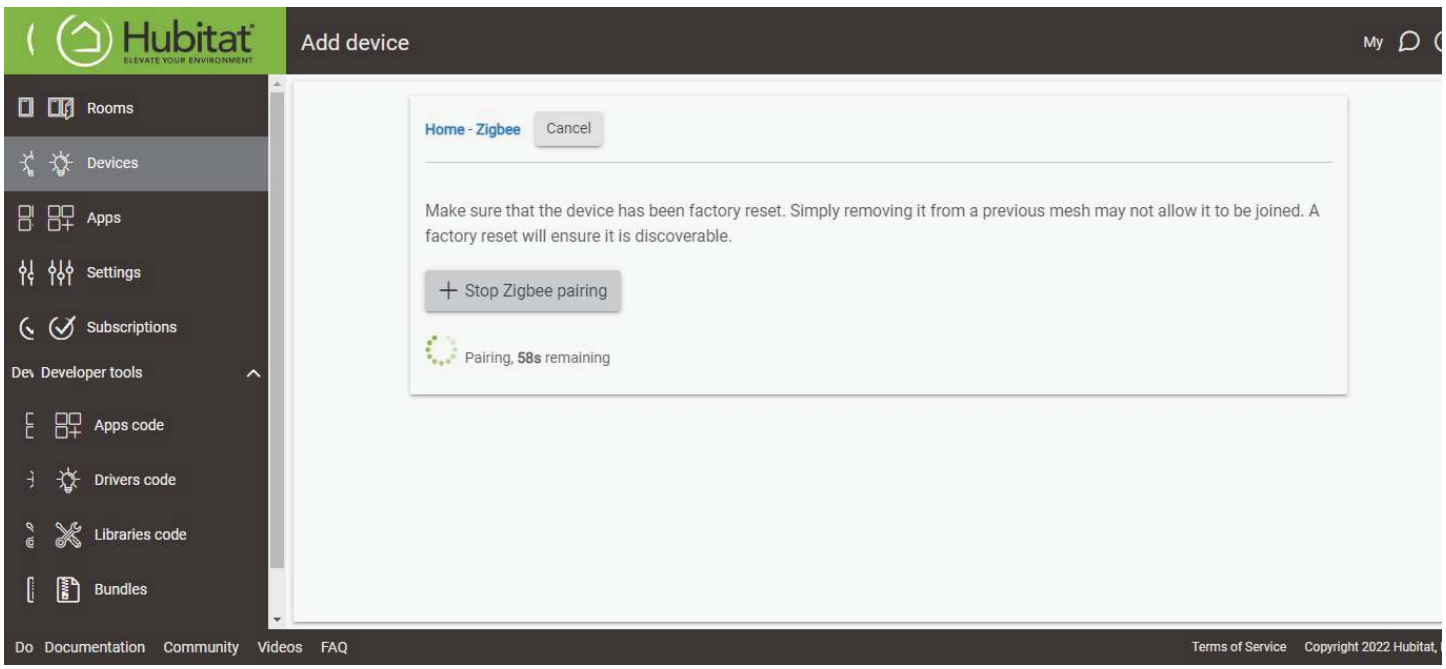


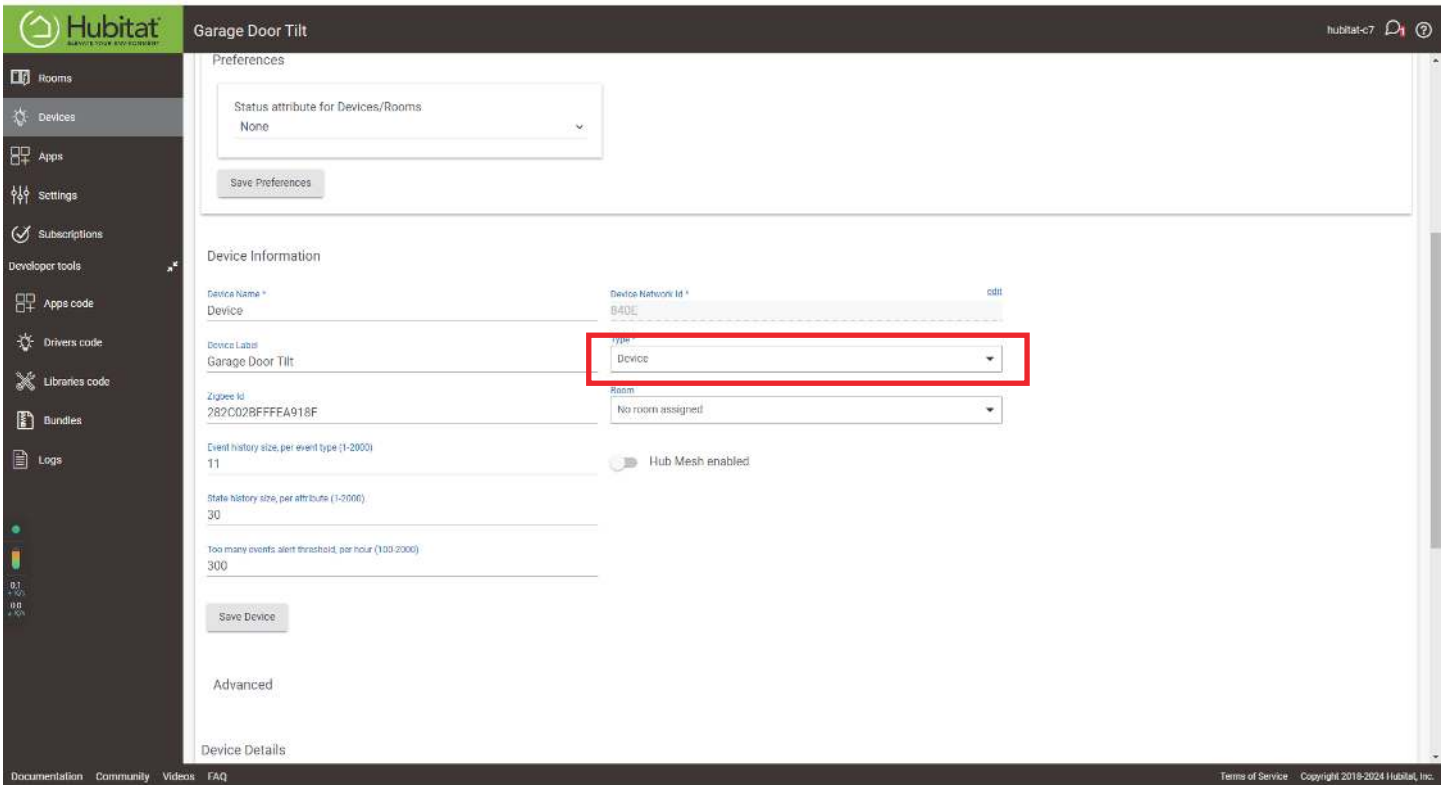
Pairing steps:

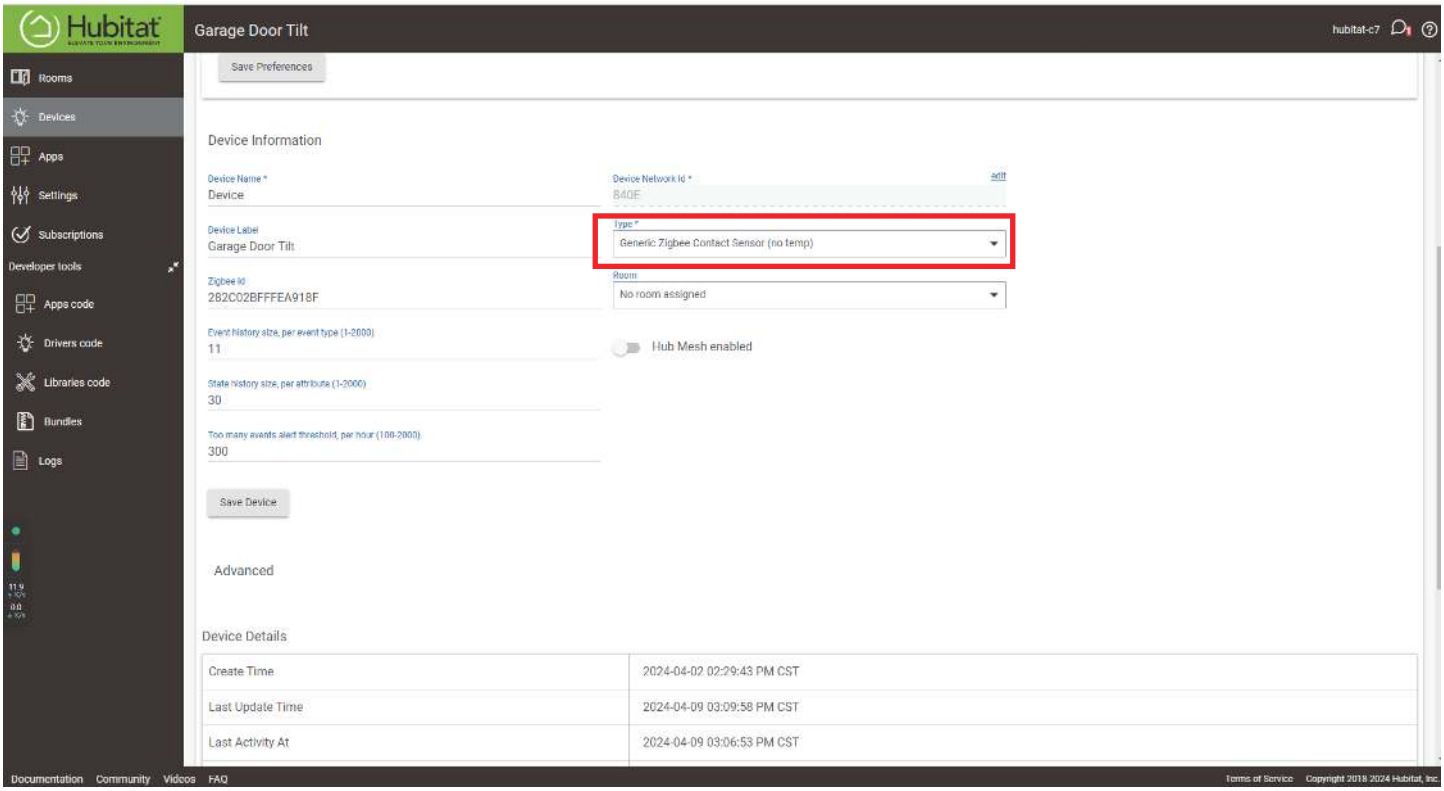
1. Install the batteries. Press and hold the reset button for 5 seconds to factory reset the sensor, the LED light will turn red and flash, indicating entering Zigbee pairing mode. It will exit Zigbee pairing mode after 3 min if not paired.
2. Tap "Add Device" in Hubitat Devices page.
3. Choose "Zigbee", then "Start Zigbee Pairing".
4. Type in a device and room name and click "Next" to complete pairing.
5. Change device type to Generic Zigbee Contact Sensor(no temp).


Hubitat
ELEVATE YOUR ENVIRONMENT
Devices
My
Rooms
Devices
Apps
Settings
Subscriptions
Developer tools
Apps code
Drivers code
Libraries code
Bundles
Compatible list
Add Device
Label (Name)
Room
Type
Source
Last Activity
0000
(Generic Zigbee Shade)
Generic Zigbee Shade
System
11-04 4:38am
1212
(Generic Zigbee Outlet)
Generic Zigbee Outlet
System
12-01 1:57am
5555
(Generic Zigbee Motion Sensor (no temp))
huan
Zigbee Motion Detector
User
12-08 9:08am
93FC
(Generic Zigbee Temperature/Humidity Sensor)
Generic Zigbee Temperature/H...
System
12-09 11:12am
bt1
(Third Reality Smart Button)
Third Reality Smart Button
System
12-06 8:25pm
button 5
(Third Reality Smart Button)
Third Reality Smart Button
System
12-08 2:27pm
button11
(Third Reality Smart Button)
Third Reality Smart Button
System
7-10 11:32pm
Documentation
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Videos
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Hubitat
ELEVATE YOUR ENVIRONMENT
Add device
My
Rooms
Devices
Apps
Settings
Subscriptions
Developer tools
Apps code
Drivers code
Libraries code
Bundles
Find by device type
Bulbs, dimmers, locks, outlets, switches...
Find by brand
Aeotec, Bosch, Centralite, Dome, Ecolink...
Add device manually:
Zigbee
Z-Wave
Iris V1 Zigbee
Virtual
Documentation
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Videos
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Add device
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Rooms
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Apps code
Drivers code
Libraries code
Bundles
Home - Zigbee
Cancel
Make sure that the device has been factory reset. Simply removing it from a previous mesh may not allow it to be joined. A factory reset will ensure it is discoverable.
Stop Zigbee pairing
Pairing, 58s remaining
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Hubitat
Garage Door Tilt
hubitat-c7
Rooms
Devices
Apps
Settings
Subscriptions
Developer tools
Apps code
Drivers code
Libraries code
Bundles
Logs
Preferences
Status attribute for Devices/Rooms
None
Save Preferences
Device Information
Device Name *
Device
Device Network Id *
edit
840E
Device Label
Garage Door Tilt
Type *
Device
Zigbee Id
282C02BFFFEA918F
Room
No room assigned
Event history size, per event type (1-2000)
11
Hub Mesh enabled
State history size, per attribute (1-2000)
30
Too many events alert threshold, per hour (100-2000)
300
Save Device
Advanced
Device Details
Documentation
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Hubitat
Garage Door Tilt
hubitat-c7
Rooms
Devices
Apps
Settings
Subscriptions
Developer tools
Apps code
Drivers code
Libraries code
Bundles
Logs
Save Preferences
Device Information
Device Name *
Device
Device Network Id *
edit
840E
Device Label
Garage Door Tilt
Type *
Generic Zigbee Contact Sensor (no temp)
Zigbee Id
282C02BFFFEA918F
Room
No room assigned
Event history size, per event type (1-2000)
11
Hub Mesh enabled
State history size, per attribute (1-2000)
30
Too many events alert threshold, per hour (100-2000)
300
Save Device
Advanced
Device Details
Create Time
2024-04-02 02:29:43 PM CST
Last Update Time
2024-04-09 03:09:58 PM CST
Last Activity At
2024-04-09 03:06:53 PM CST
Documentation
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Videos
FAQ
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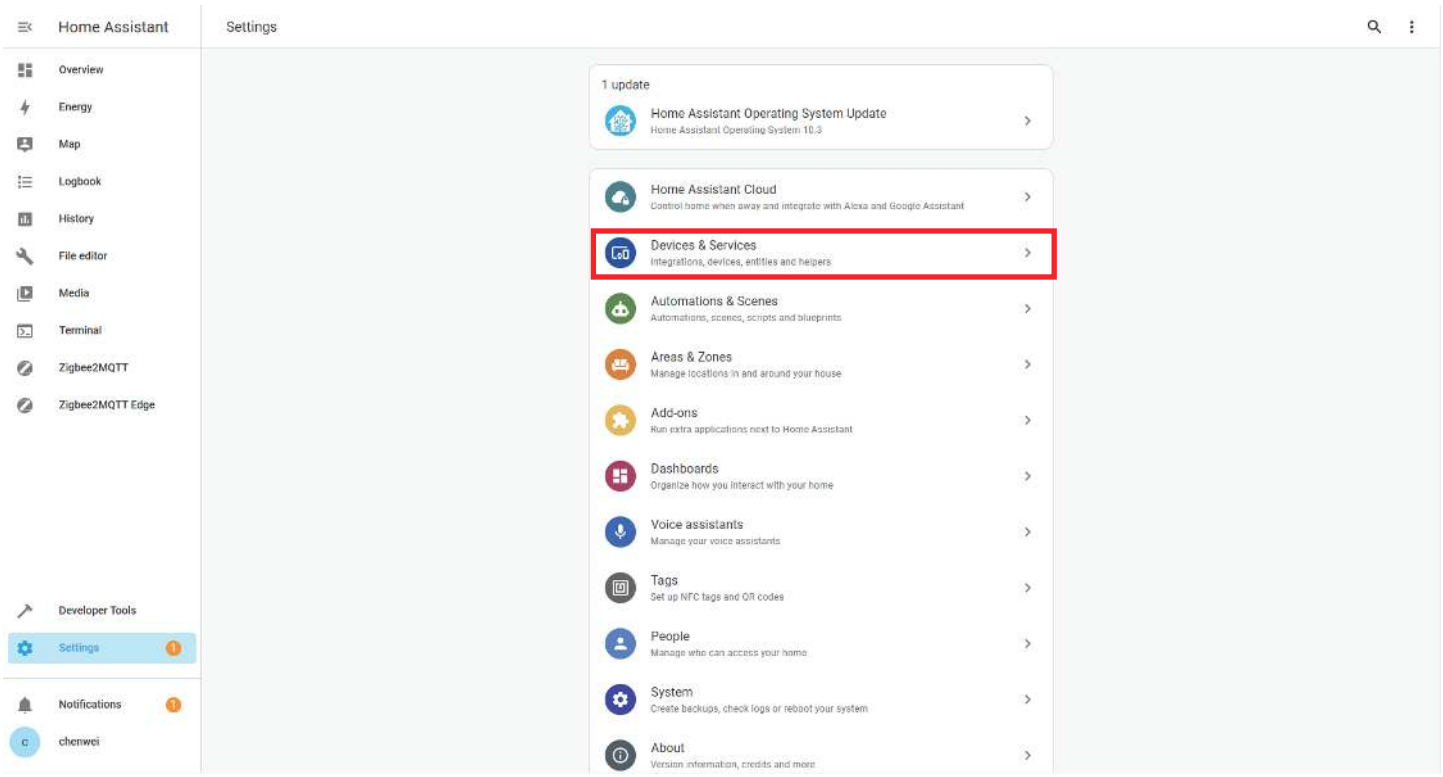
Pairing with Home Assistant

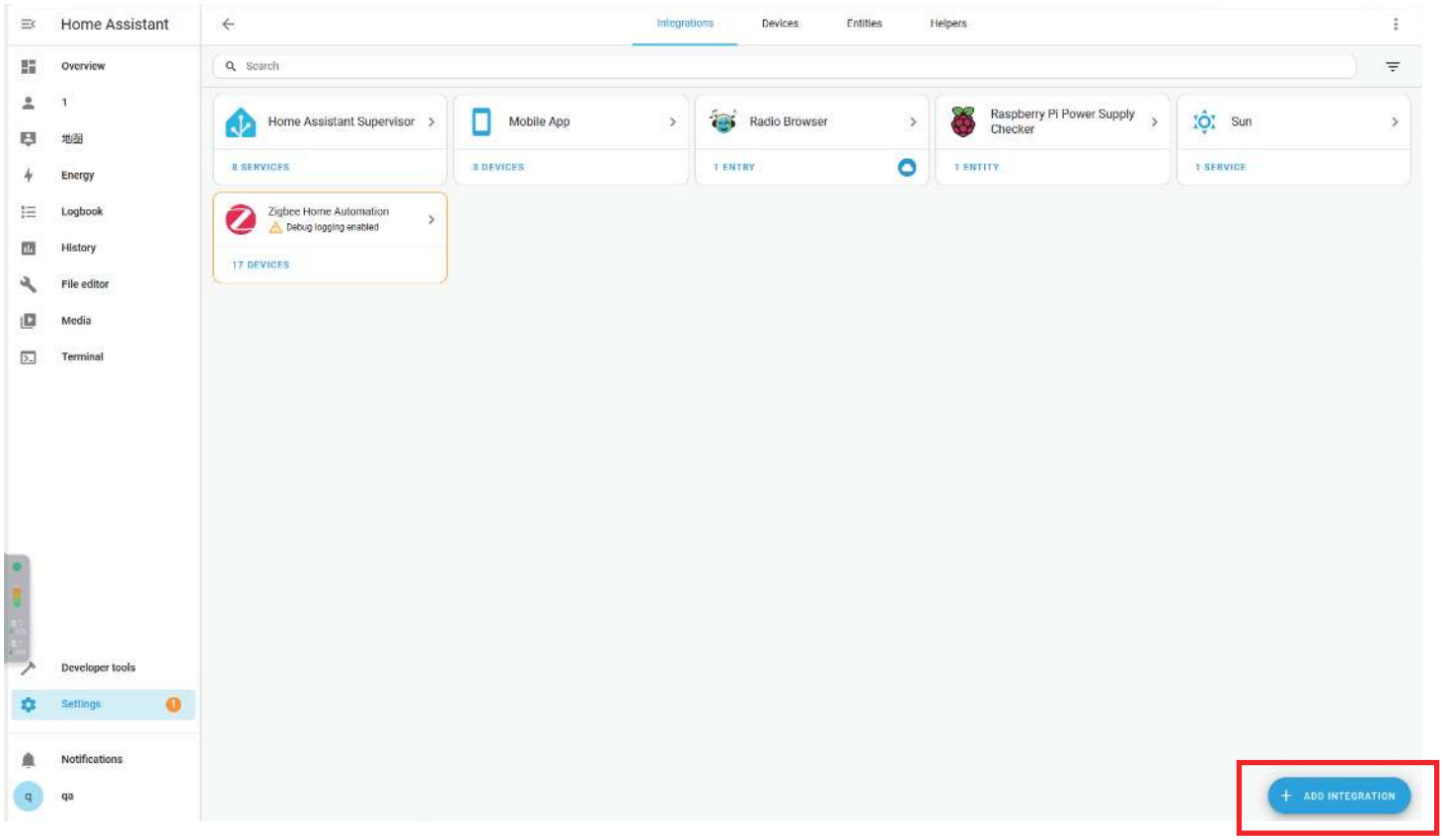
Device: Zigbee dongle

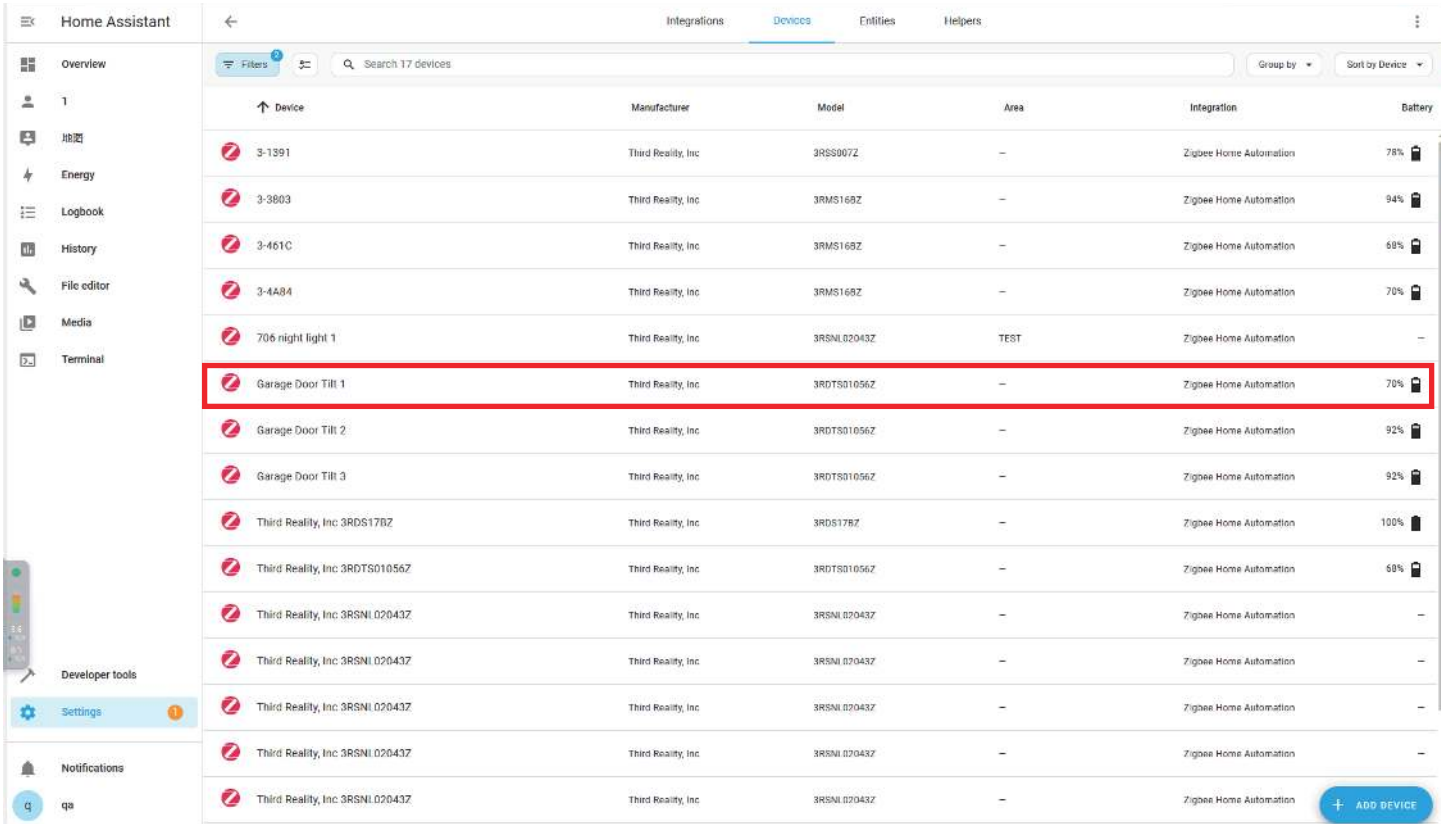


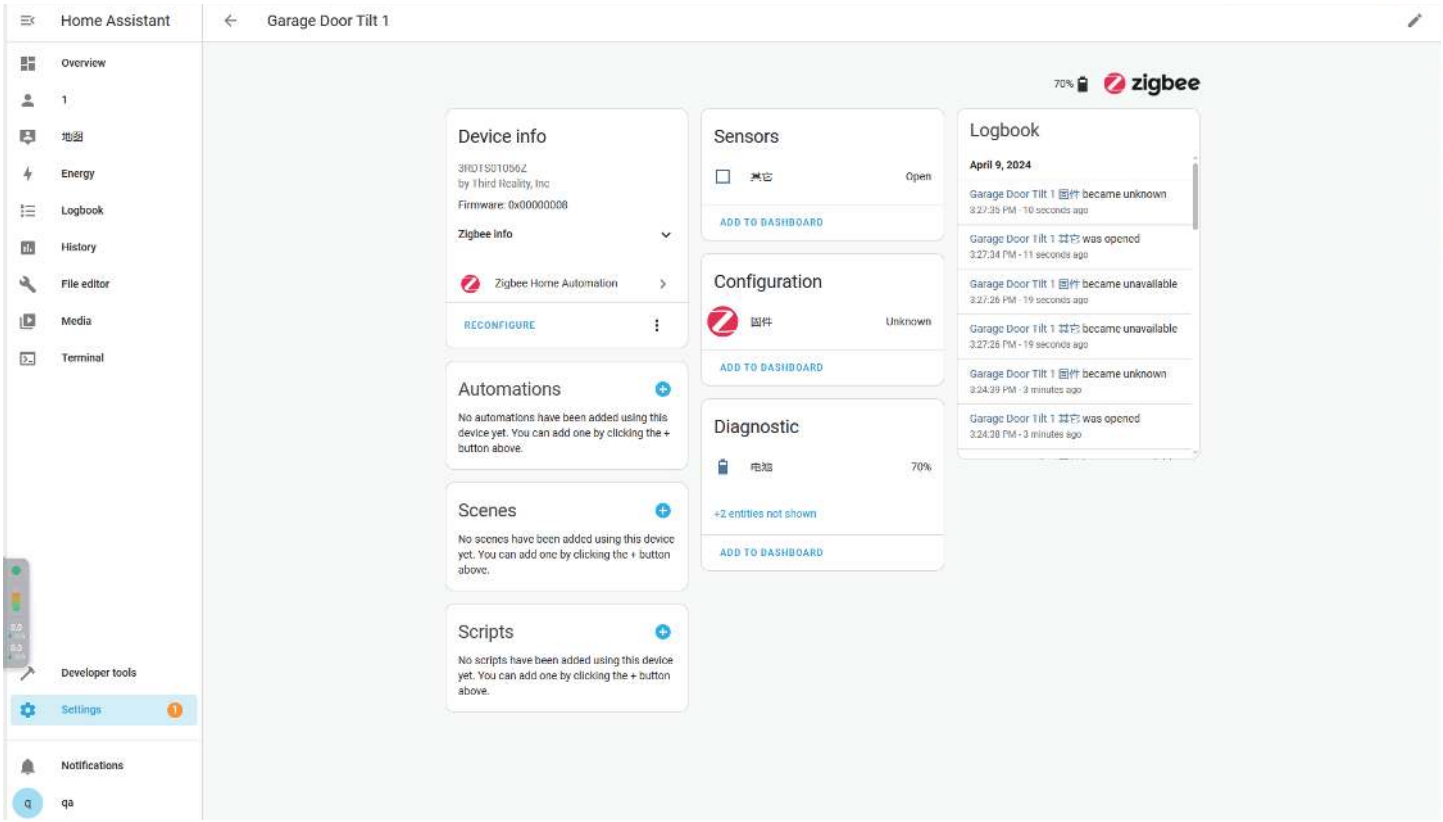
Zigbee Home Automation

1. Install the batteries. Press and hold the reset button for 5 seconds to factory reset the sensor, the LED light will turn red and flash, indicating entering Zigbee pairing mode. It will exit Zigbee pairing mode after 3 min if not paired.
2. Make sure Home Assistant Integrations Zigbee Home Automation Setup is ready, then go to "Configuration" page, click "integration".
3. Then click the "Devices" on the Zigbee item, the click "Add Devices".
4. After the pairing is completed successfully, it will show up in the page.
5. Back to "Devices" page, then you can find the device dded.
6. Click to enter in the control interface to set the device.
7. Click "+" belongs to Automation and then you can add different actions.


Home Assistant
Settings
Overview
Energy
Map
Logbook
History
File editor
Media
Terminal
Zigbee2MQTT
Zigbee2MQTT Edge
Developer Tools
Settings
Notifications
chenwei
1 update
Home Assistant Operating System Update
Home Assistant Operating System 10.3
Home Assistant Cloud
Control home when away and integrate with Alexa and Google Assistant
Devices & Services
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

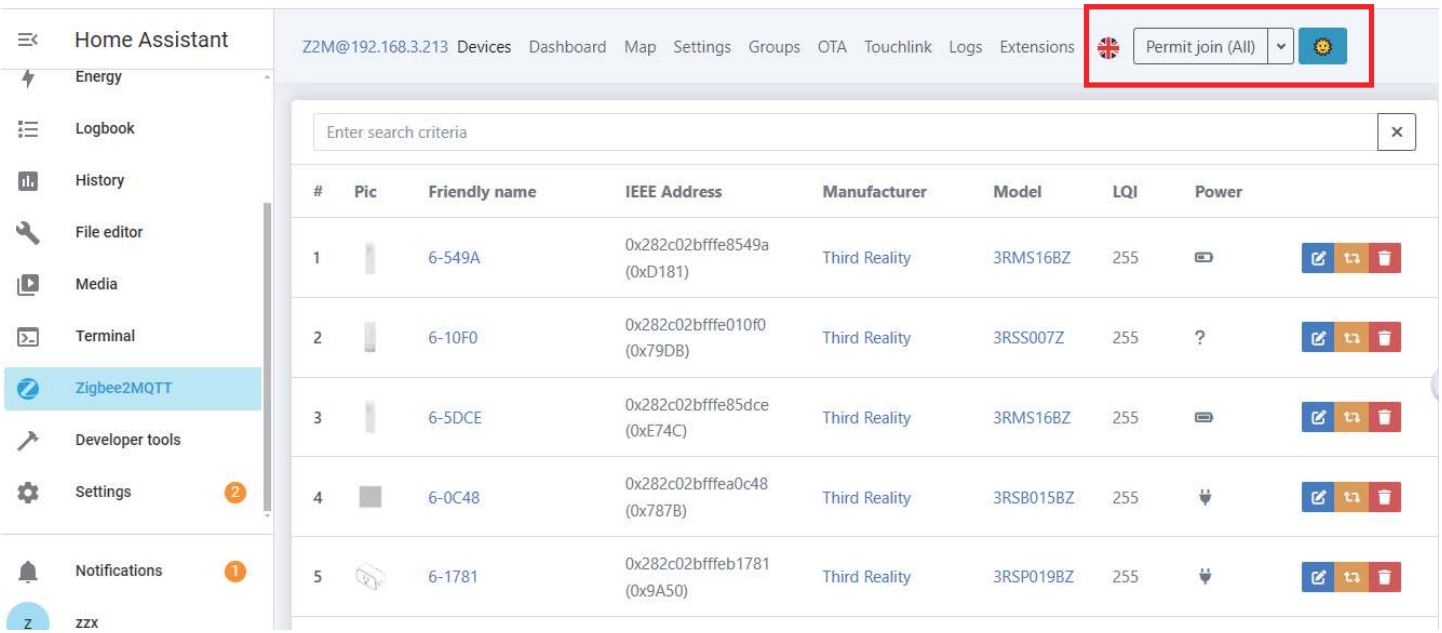

Home Assistant
Overview
1
地图
Energy
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History
File editor
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Terminal
Developer tools
Settings
Notifications
qa
Integrations
Devices
Entities
Helpers
Search
Home Assistant Supervisor
8 SERVICES
Mobile App
3 DEVICES
Radio Browser
1 ENTRY
Raspberry Pi Power Supply Checker
1 ENTITY
Sun
1 SERVICE
Zigbee Home Automation
Debug logging enabled
17 DEVICES
ADD INTEGRATION

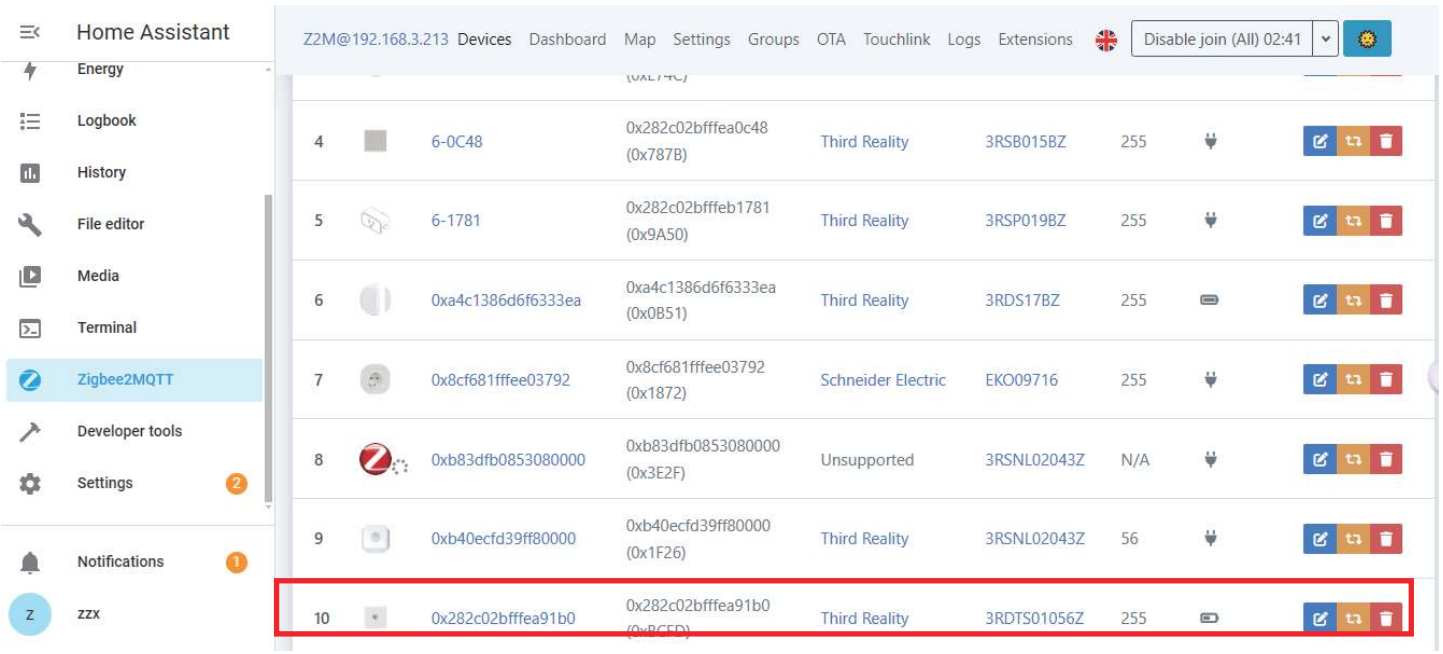

Home Assistant
Overview
1
地图
Energy
Logbook
History
File editor
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Terminal
Developer tools
Settings
Notifications
qa
Integrations
Devices
Entities
Helpers
Filters
Search 17 devices
Group by
Sort by Device
Device
Manufacturer
Model
Area
Integration
Battery
3-1391 Third Reality, Inc 3RSS007Z – Zigbee Home Automation 78%
3-3803 Third Reality, Inc 3RMS16BZ – Zigbee Home Automation 94%
3-461C Third Reality, Inc 3RMS16BZ – Zigbee Home Automation 68%
3-4A84 Third Reality, Inc 3RMS16BZ – Zigbee Home Automation 70%
706 night light 1 Third Reality, Inc 3RSNL02043Z TEST Zigbee Home Automation –
Garage Door Tilt 1 Third Reality, Inc 3RDTS01056Z – Zigbee Home Automation 70%
Garage Door Tilt 2 Third Reality, Inc 3RDTS01056Z – Zigbee Home Automation 92%
Garage Door Tilt 3 Third Reality, Inc 3RDTS01056Z – Zigbee Home Automation 92%
Third Reality, Inc 3RDS17BZ Third Reality, Inc 3RDS17BZ – Zigbee Home Automation 100%
Third Reality, Inc 3RDTS01056Z Third Reality, Inc 3RDTS01056Z – Zigbee Home Automation 68%
Third Reality, Inc 3RSNL02043Z Third Reality, Inc 3RSNL02043Z – Zigbee Home Automation –
Third Reality, Inc 3RSNL02043Z Third Reality, Inc 3RSNL02043Z – Zigbee Home Automation –
Third Reality, Inc 3RSNL02043Z Third Reality, Inc 3RSNL02043Z – Zigbee Home Automation –
Third Reality, Inc 3RSNL02043Z Third Reality, Inc 3RSNL02043Z – Zigbee Home Automation –
Third Reality, Inc 3RSNL02043Z Third Reality, Inc 3RSNL02043Z – Zigbee Home Automation
ADD DEVICE

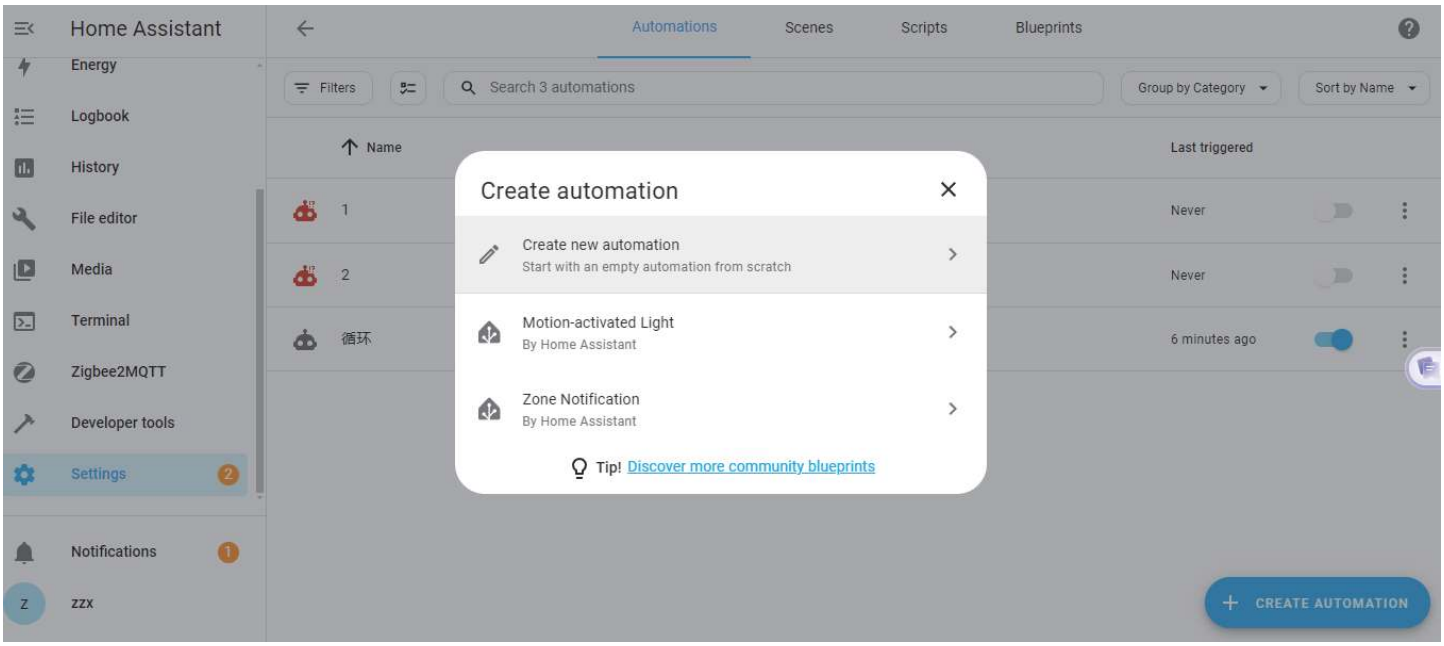

Home Assistant
Overview
1
地图
Energy
Logbook
History
File editor
Media
Terminal
Developer tools
Settings
Notifications
qa
Garage Door Tilt 1
70%
zigbee
Device info
3RDTS01056Z
by Third Reality, Inc
Firmware: 0x00000008
Zigbee info
Zigbee Home Automation
RECONFIGURE
Automations
No automations have been 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.
Sensors
Open
ADD TO DASHBOARD
Configuration
Unknown
ADD TO DASHBOARD
Diagnostic
70%
+2 entities not shown
ADD TO DASHBOARD
Logbook
April 9, 2024
Garage Door Tilt 1 became unknown
3:27:35 PM - 10 seconds ago
Garage Door Tilt 1 was opened
3:27:34 PM - 11 seconds ago
Garage Door Tilt 1 became unavailable
3:27:26 PM - 19 seconds ago
Garage Door Tilt 1 became unavailable
3:27:26 PM - 19 seconds ago
Garage Door Tilt 1 became unknown
3:24:39 PM - 3 minutes ago
Garage Door Tilt 1 was opened
3:24:38 PM - 3 minutes ago

Zigbee2MQTT

1. Install the batteries. Press and hold the reset button for 5 seconds to factory reset the sensor, the LED light will turn red and flash, indicating entering Zigbee pairing mode. It will exit Zigbee pairing mode after 3 min if not paired.
2. Make sure Home Assistant Zigbee2MQTT Setup is ready .
3. Click "permit join (All)" to add device.
4. Create automation and then you can add different actions.




Home Assistant
Energy
Logbook
History
File editor
Media
Terminal
Zigbee2MQTT
Developer tools
Settings
Notifications
zzx
Z2M@192.168.3.213 Devices Dashboard Map Settings Groups OTA Touchlink Logs Extensions
Disable join (All) 02:41
4 6-0C48 0x282c02bfffea0c48 (0x787B) Third Reality 3RSB015BZ 255
5 6-1781 0x282c02bfffeb1781 (0x9A50) Third Reality 3RSP019BZ 255
6 0xa4c1386d6f6333ea 0xa4c1386d6f6333ea (0x0B51) Third Reality 3RDS17BZ 255
7 0x8cf681fffee03792 0x8cf681fffee03792 (0x1872) Schneider Electric EKO09716 255
8 0xb83dfb0853080000 0xb83dfb0853080000 (0x3E2F) Unsupported 3RSNL02043Z N/A
9 0xb40ecfd39ff80000 0xb40ecfd39ff80000 (0x1F26) Third Reality 3RSNL02043Z 56
10 0x282c02bfffea91b0 0x282c02bfffea91b0 Third Reality 3RDTS01056Z 255


Home Assistant
Energy
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Zigbee2MQTT
Developer tools
Settings
Notifications
zzx
Automations Scenes Scripts Blueprints
Filters
Search 3 automations
Group by Category
Sort by Name
Name
Last triggered
1 Never
2 Never
循环 6 minutes ago
Create automation
Create new automation
Start with an empty automation from scratch
Motion-activated Light
By Home Assistant
Zone Notification
By Home Assistant
Tip! Discover more community blueprints
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 transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Limited Warranty

For limited warranty, please visit **https://3reality.com/faq-help-center/**.
For customer support, please contact us at **info@3reality.com** or visit **www.3reality com.**
For question on other platforms, visit for corresponding platform’ s application/support platforms.