THIRDREALITY Zigbee Vibration Sensor User Guide

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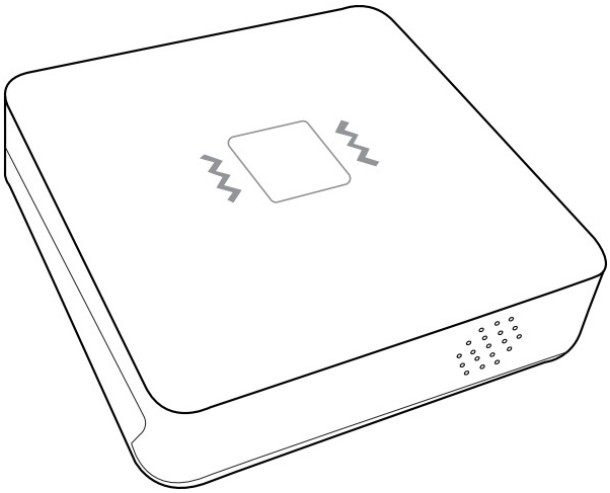
Vibration Sensor

Quick Start Guide



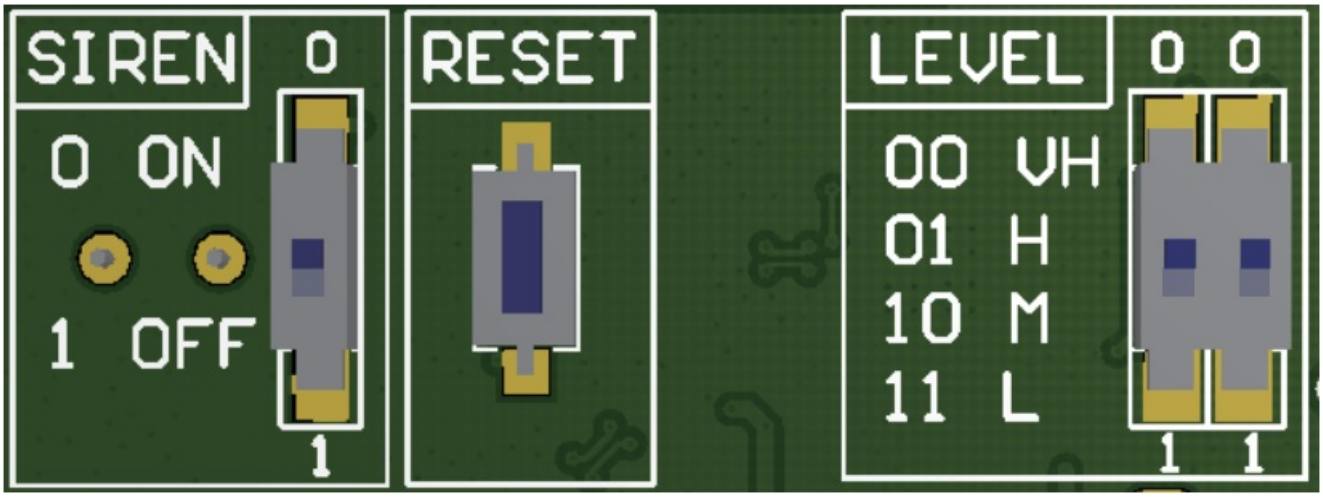
THIRDREALITY

Introduction

Third Reality Zigbee Vibration Sensor can be used to detect the vibration and movement of objects, it is designed for indoor use only. It can be integrated into Amazon Alexa, SmartThings, Hubitat, Home Assistant and Third Reality App etc. through Zigbee protocol, it can be used to create routines like alerts of window breaks and washing machines/dryers monitoring etc.

Specification

Operating Temp	32 to 104 F(0 to 40 ℃) Indoor Use Only
Power Supply	2 × AAA Batteries
Dimensions	2.19″ × 2.20″ × 0.48″ (5.56cm × 5.59cm × 1.23cm)
Protocol	Zigbee 3.0



Siren Setting:

	
0	**1**
ON	OFF

Sensitivity Setting:

			
00	**01**	**10**	**11**
Very High	High	Medium	Low

Setup

1. Remove the plastic insulator to power the Vibration Sensor.
2. When the sensor is powered up for the first time, it enters pairing mode automatically, and it exits pairing mode if not paired within 3 minutes, to put it into pairing mode again by pressing the reset button for 5 seconds.
3. Follow the instructions of Zigbee hubs to pair the sensor.
   Turn on/off the beeping alarm with the single toggle switch, and set the sensitivity(4 levels) with the dual toggle switches.

Installation

Simply place the Vibration Sensor on top of the object to be monitored, or use double-sided tape to stick it anywhere as desired.

Pairing with Different Hubs

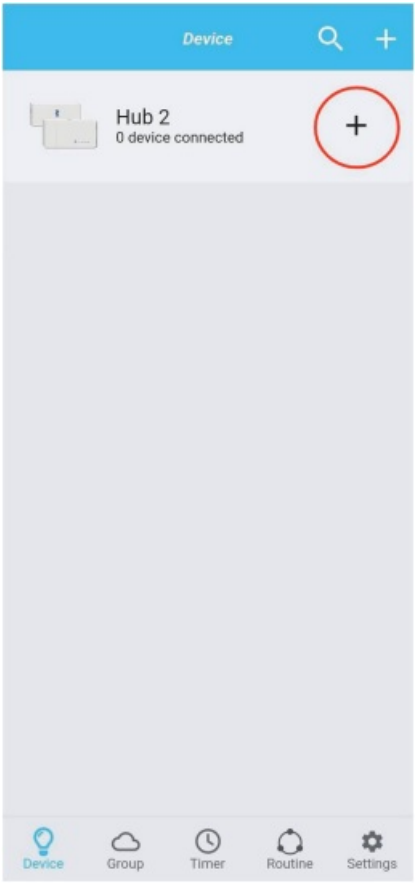
Before pairing, set the Vibration Sensor into pairing mode by pressing the reset button for 5 seconds until the LED indicator turns into fast blue blinking.

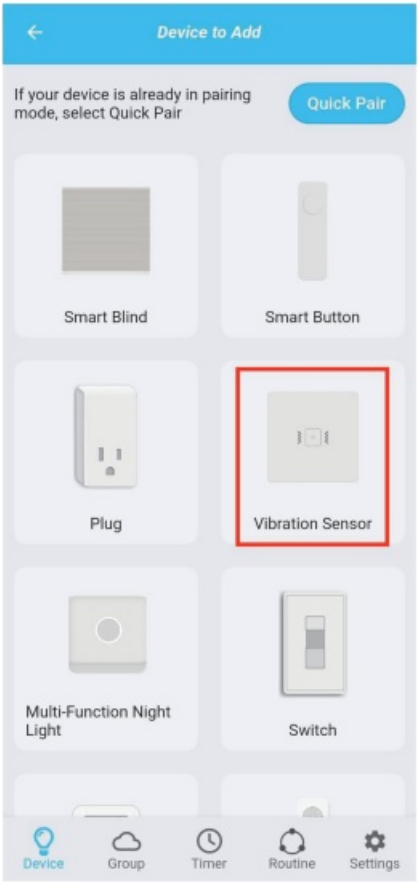
Pairing with Third Reality

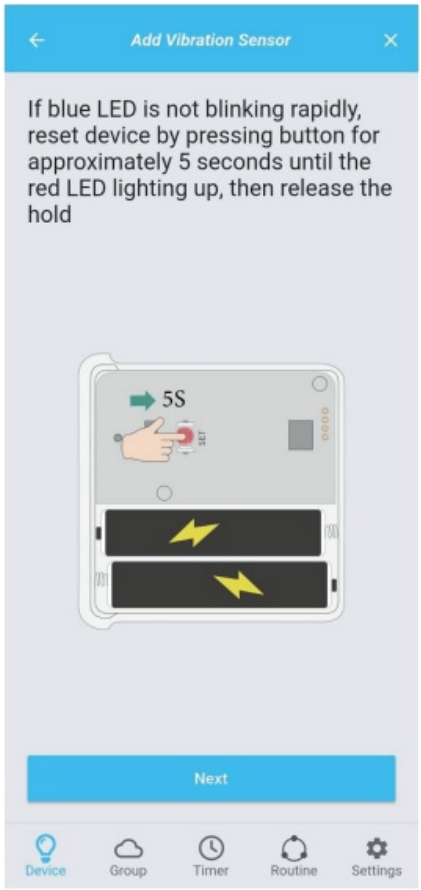
Hub: Third Reality Hub Gen2 /Gen2 Plus
App: Third Reality

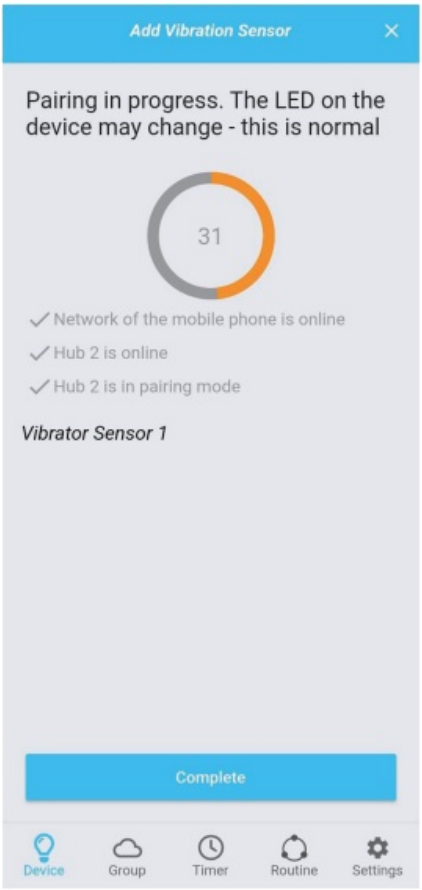
Pairing steps:

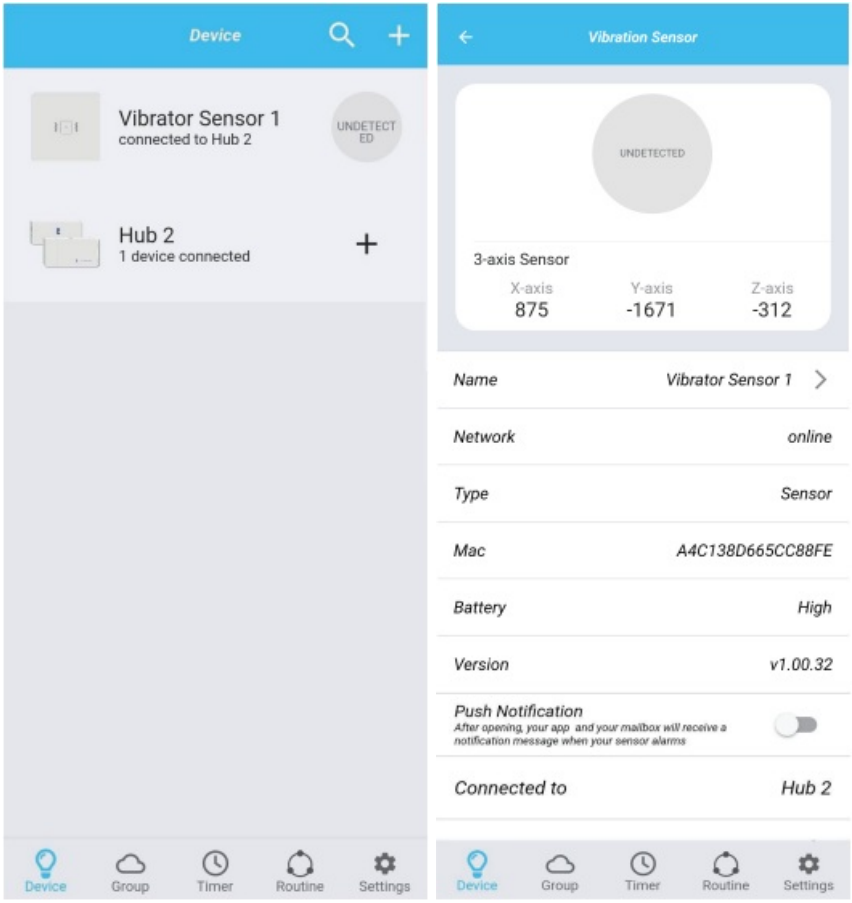
1. Tab “+” in Third Reality App, follow the on-screen instructions to add device, it will be added within seconds.
2. Create routines to control other connected devices.


Device
Hub 2
0 device connected
Device
Group
Timer
Routine
Settings


Device to Add
If your device is already in pairing mode, select Quick Pair
Quick Pair
Smart Blind
Smart Button
Plug
Vibration Sensor
Multi-Function Night Light
Switch
Device
Group
Timer
Routine
Settings


Add Vibration Sensor
If blue LED is not blinking rapidly, reset device by pressing button for approximately 5 seconds until the red LED lighting up, then release the hold
5S
Next
Device
Group
Timer
Routine
Settings


Add Vibration Sensor
Pairing in progress. The LED on the device may change - this is normal
31
Network of the mobile phone is online
Hub 2 is online
Hub 2 is in pairing mode
Vibrator Sensor 1
Complete
Device
Group
Timer
Routine
Settings



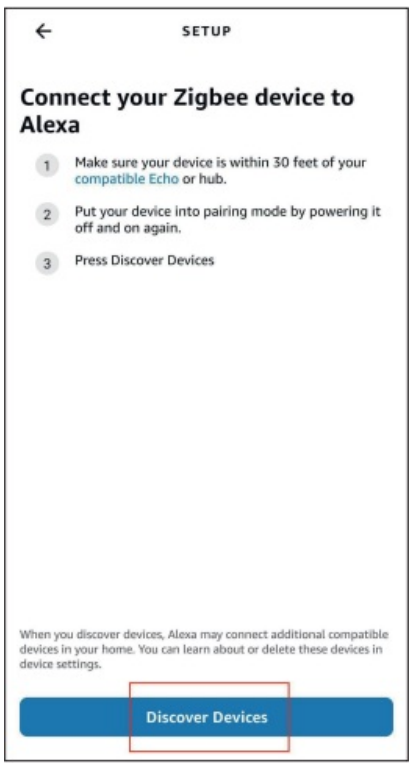
Pairing With Amazon Echo

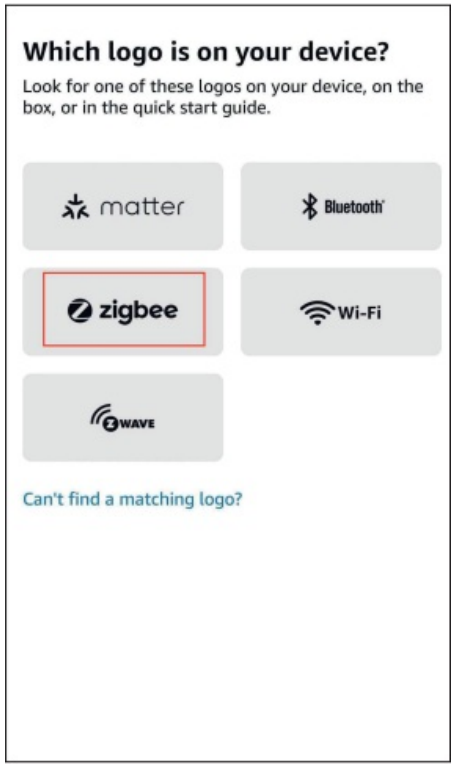
App: Amazon Alexa

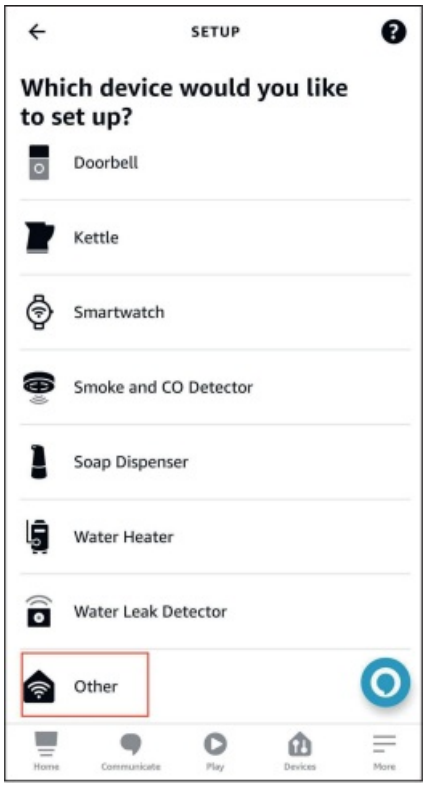
Pairing with Echo devices with built-in ZigBee hubs such As Echo V4, Echo Plus V1 & V2, Echo Studio, Echo Show 10, and Eero 6 & 6 pro.

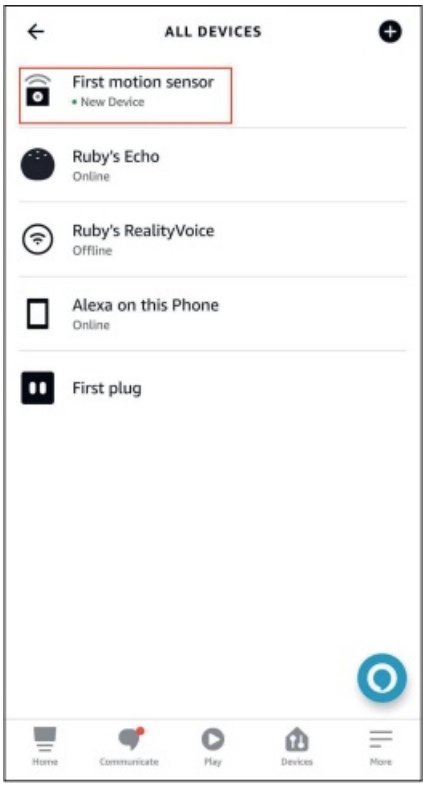
Pairing steps:

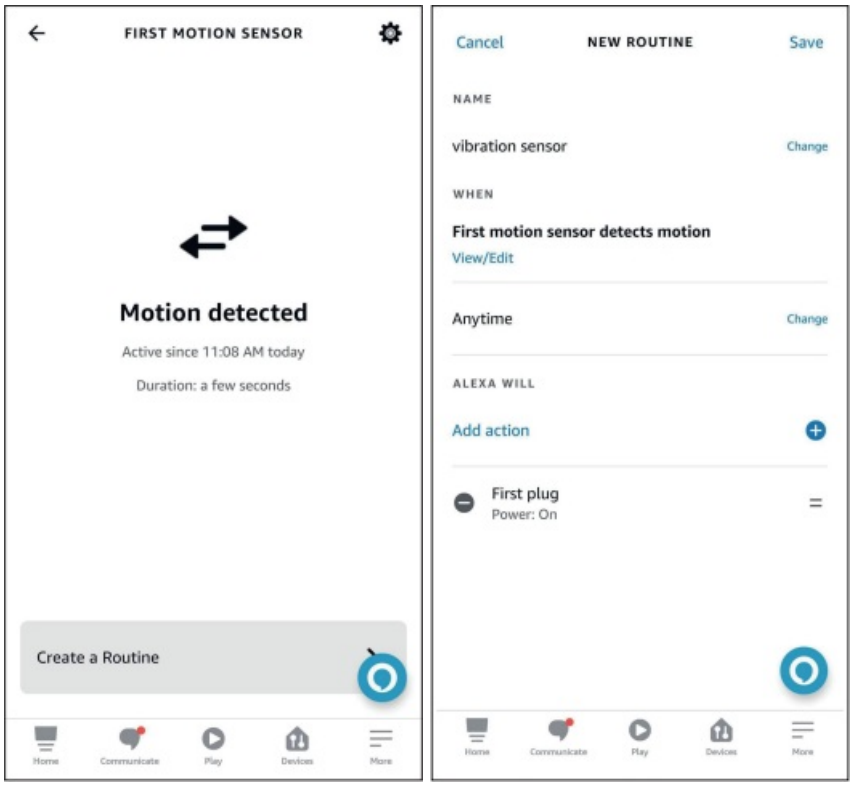
1. Tab “+” in the Alexa App, choose “Zigbee” and “others” to add device, the vibration sensor will be added as a “motion sensor”.
2. Create routines to control other connected devices.


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
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


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
Which device would you like to set up?
Doorbell
Kettle
Smartwatch
Smoke and CO Detector
Soap Dispenser
Water Heater
Water Leak Detector
Other
Home
Communicate
Play
Devices
More


ALL DEVICES
First motion sensor
New Device
Ruby's Echo
Online
Ruby's RealityVoice
Offline
Alexa on this Phone
Online
First plug
Home
Communicate
Play
Devices
More

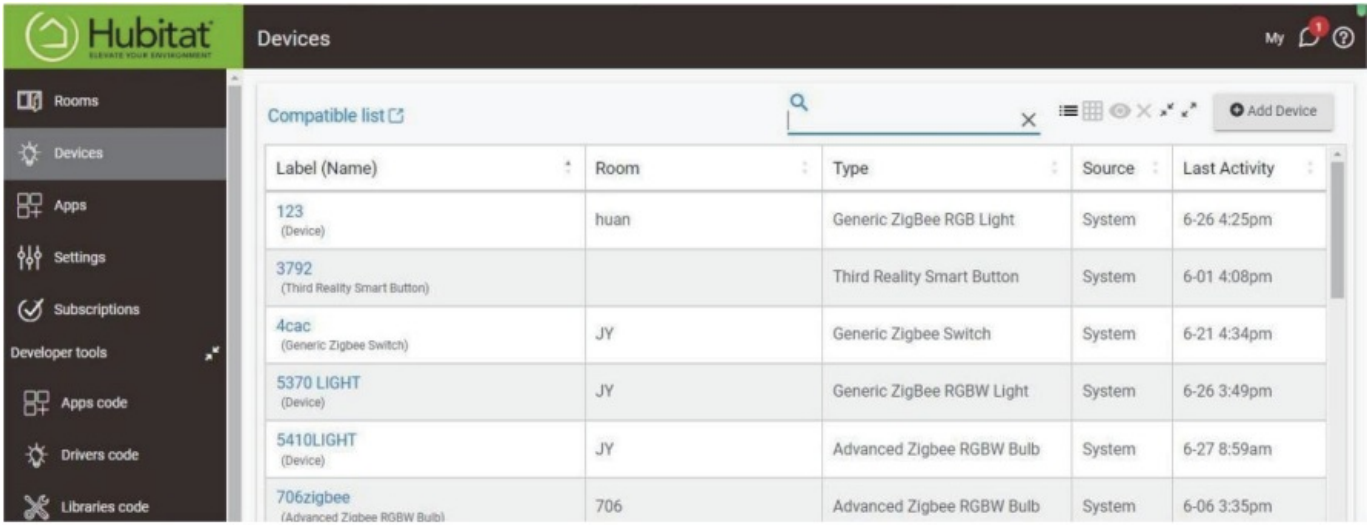


Pairing With Hubitat

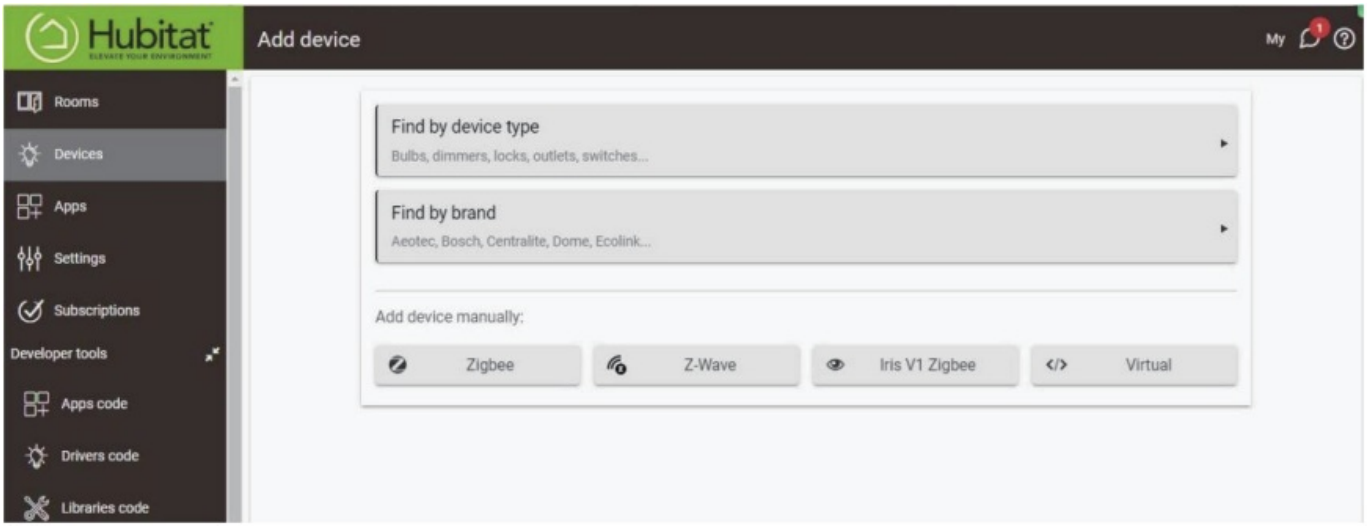
Website: http://find.hubitat.com/

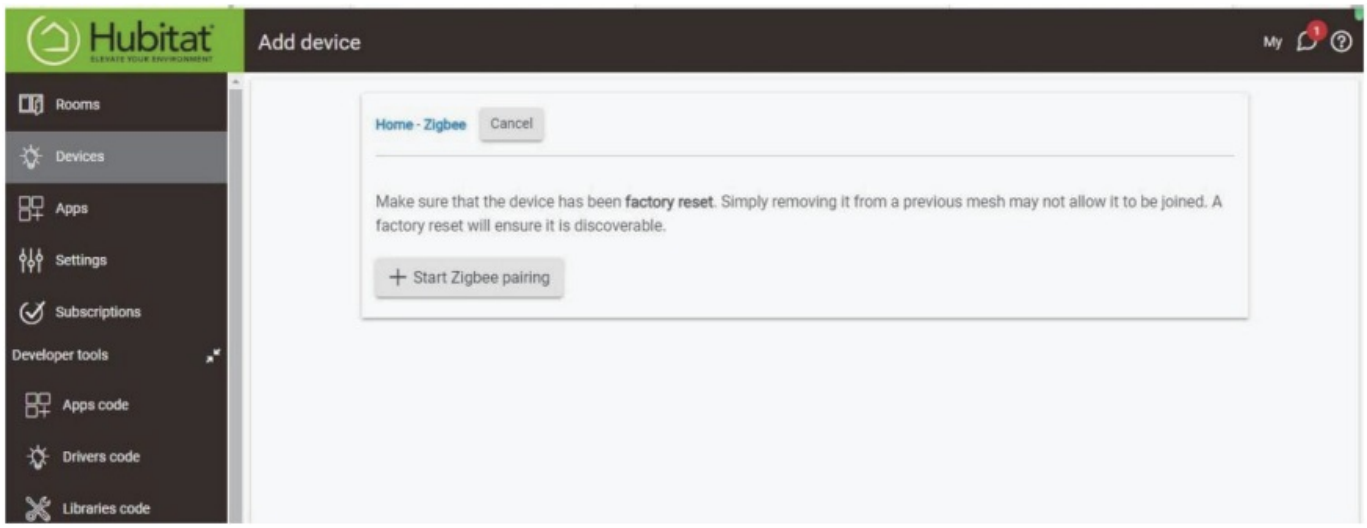
Pairing steps:

1. Tab “Add Device” in Hubitat Devices page.

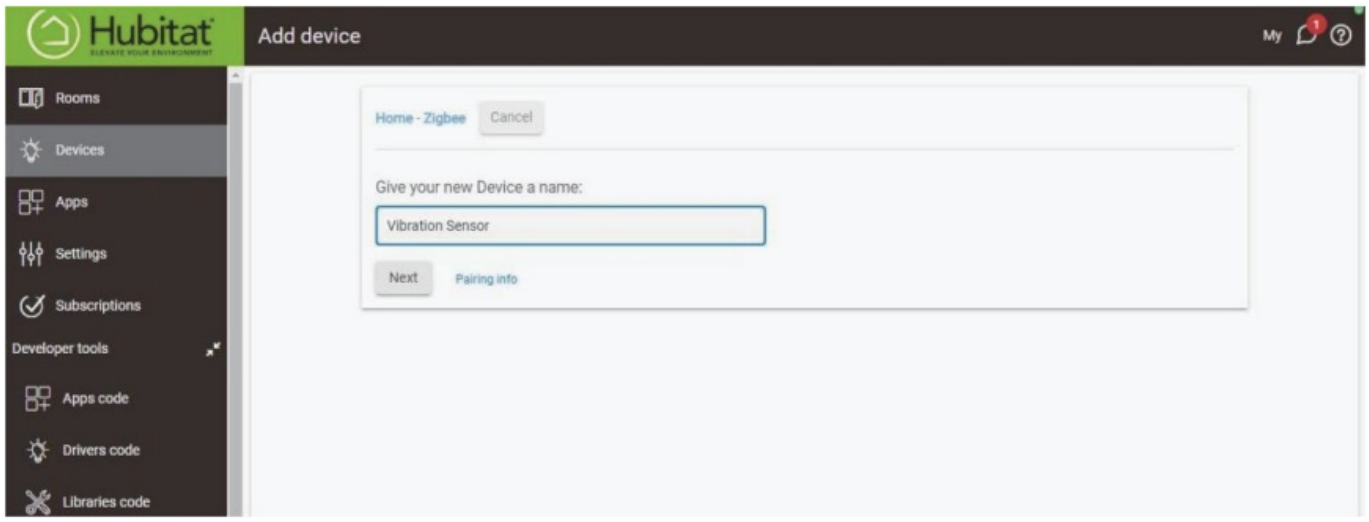


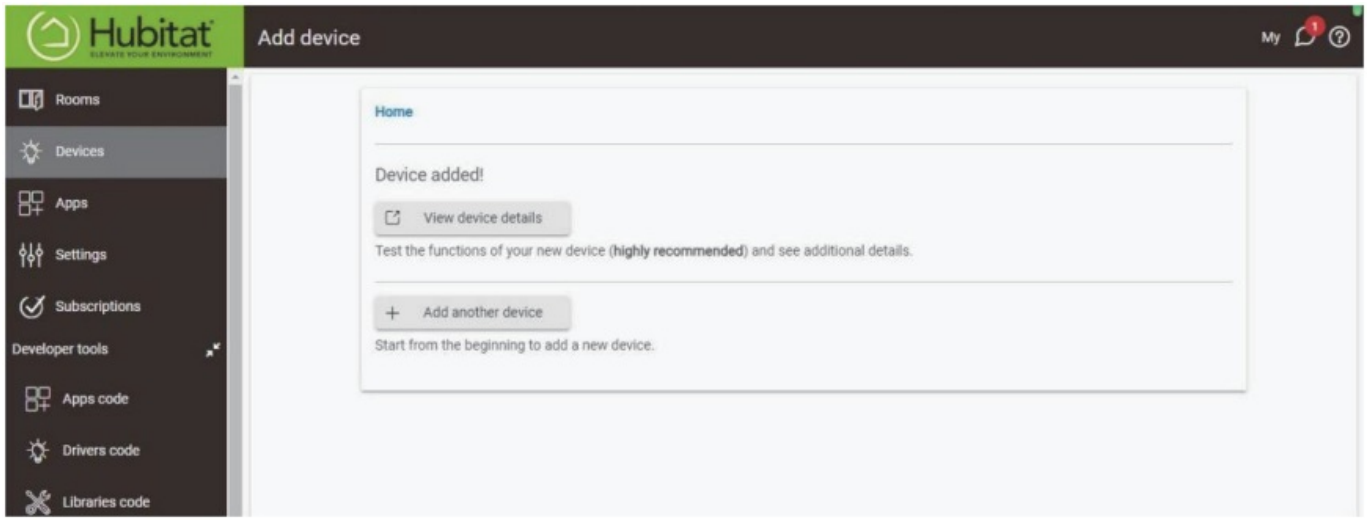
2. Choose “Zigbee”, then “Start Zigbee Pairing”.



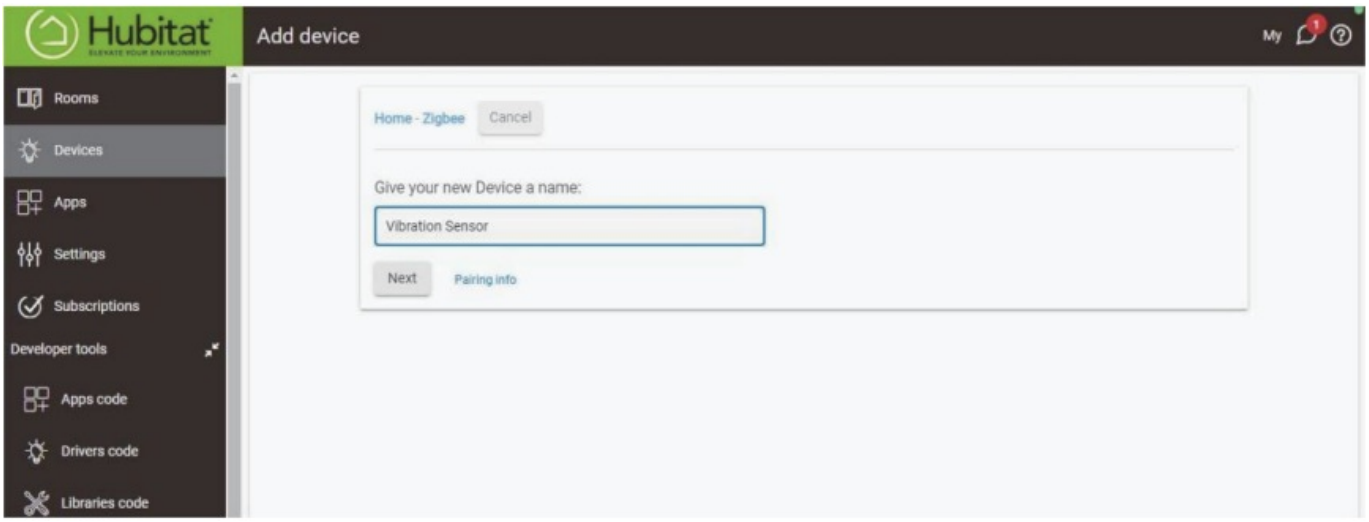


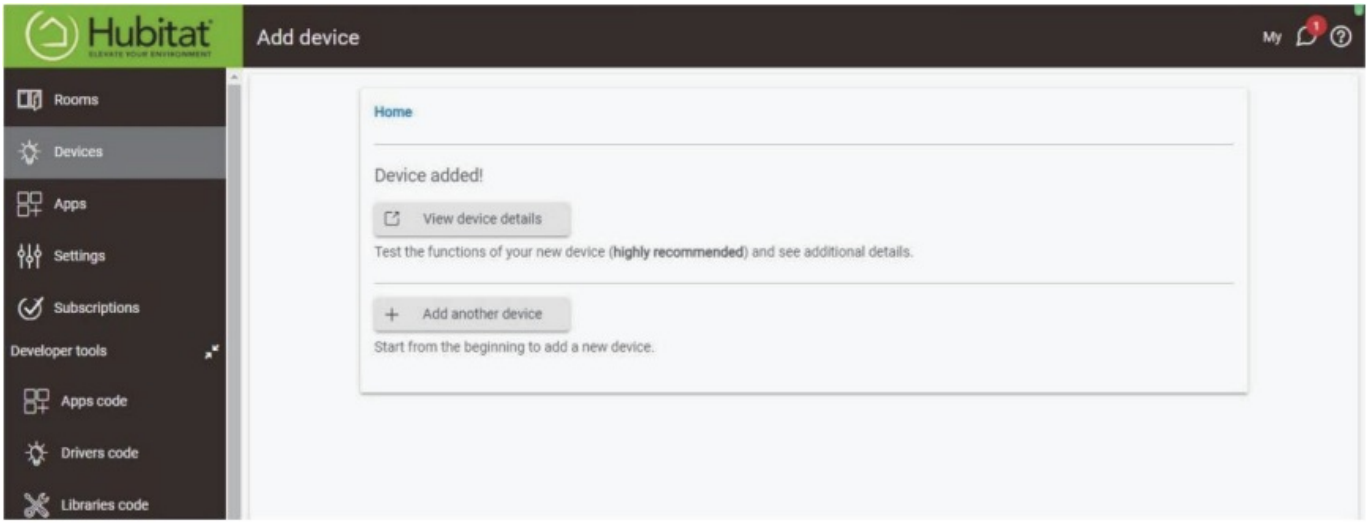
3. Create a device name for the vibration sensor, then click “Next” to add device.





4. Change Type from “Device” to “Generic Zigbee Motion Sensor” and “Save Device”, you can see the status of the sensor “active/inactive”, and battery level.

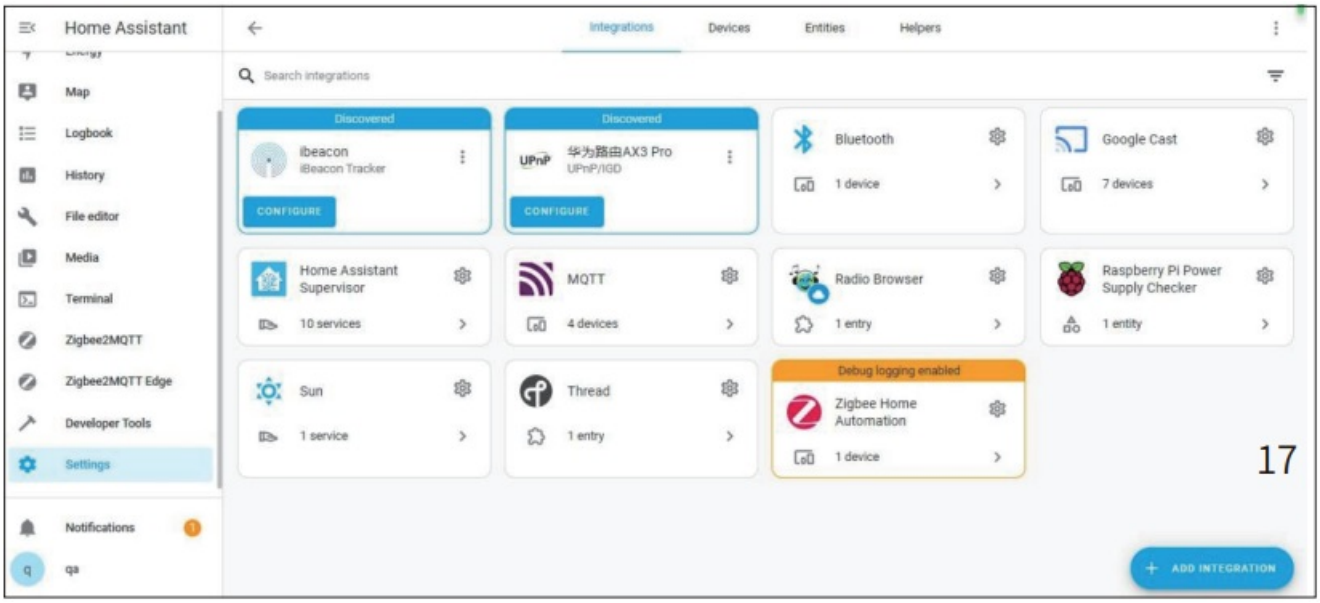


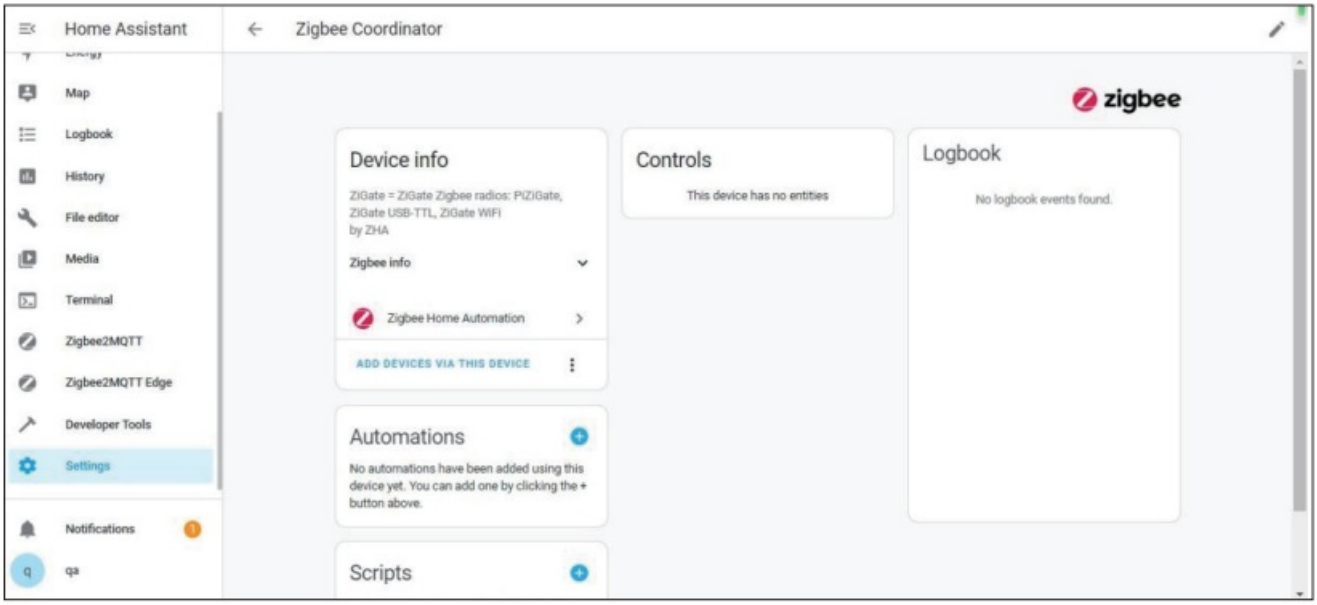


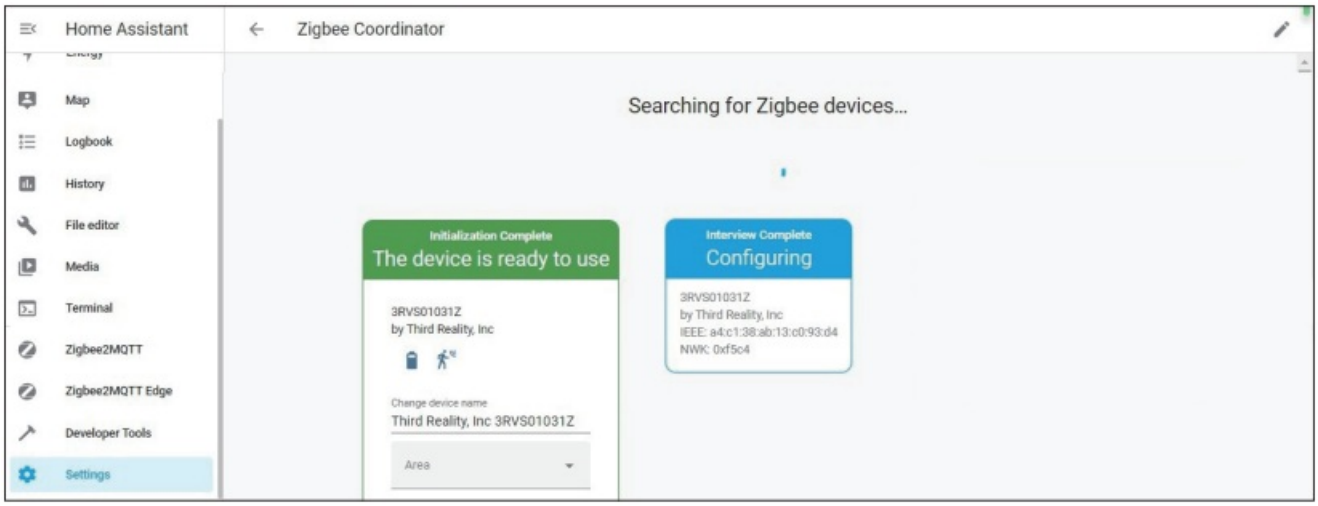
Pairing With Home Assistant

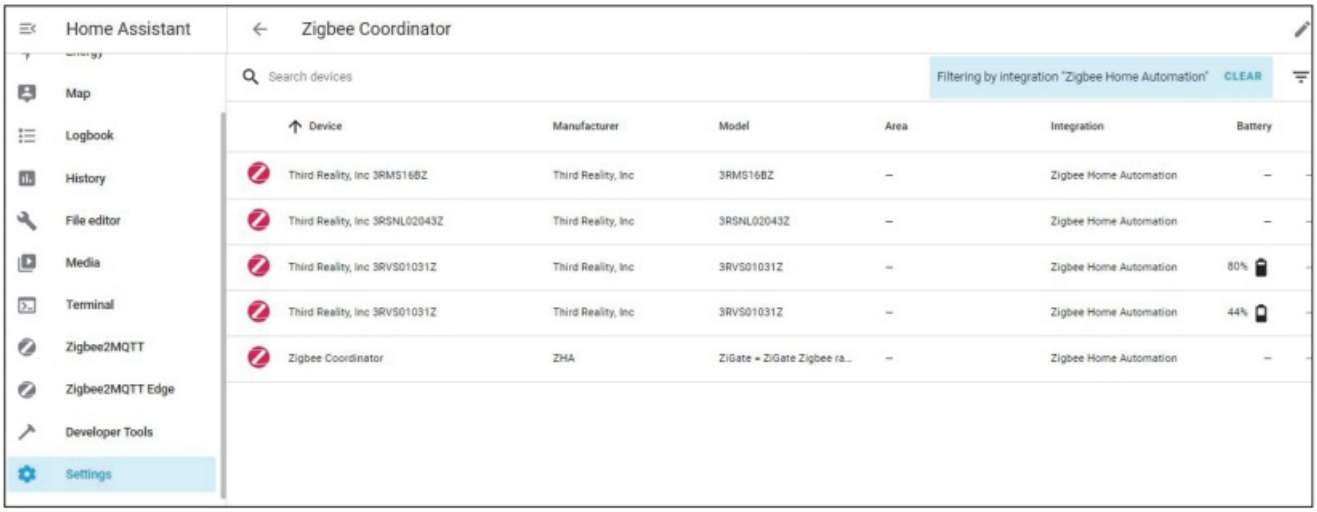
Pairing steps:

Zigbee Home Automation

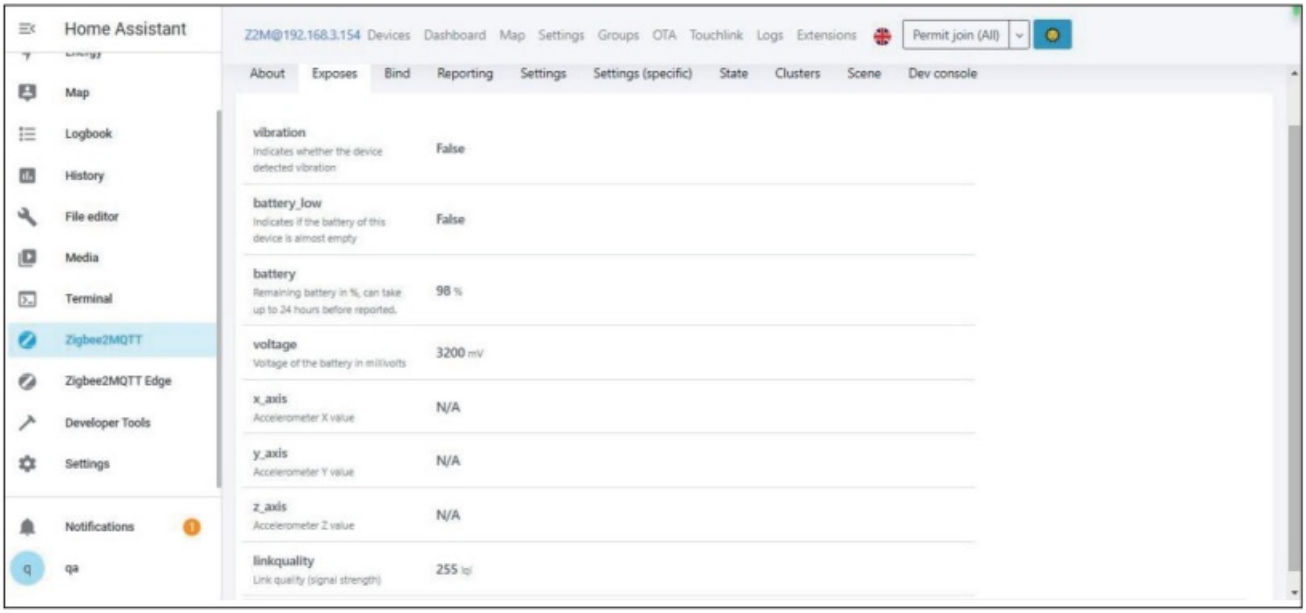


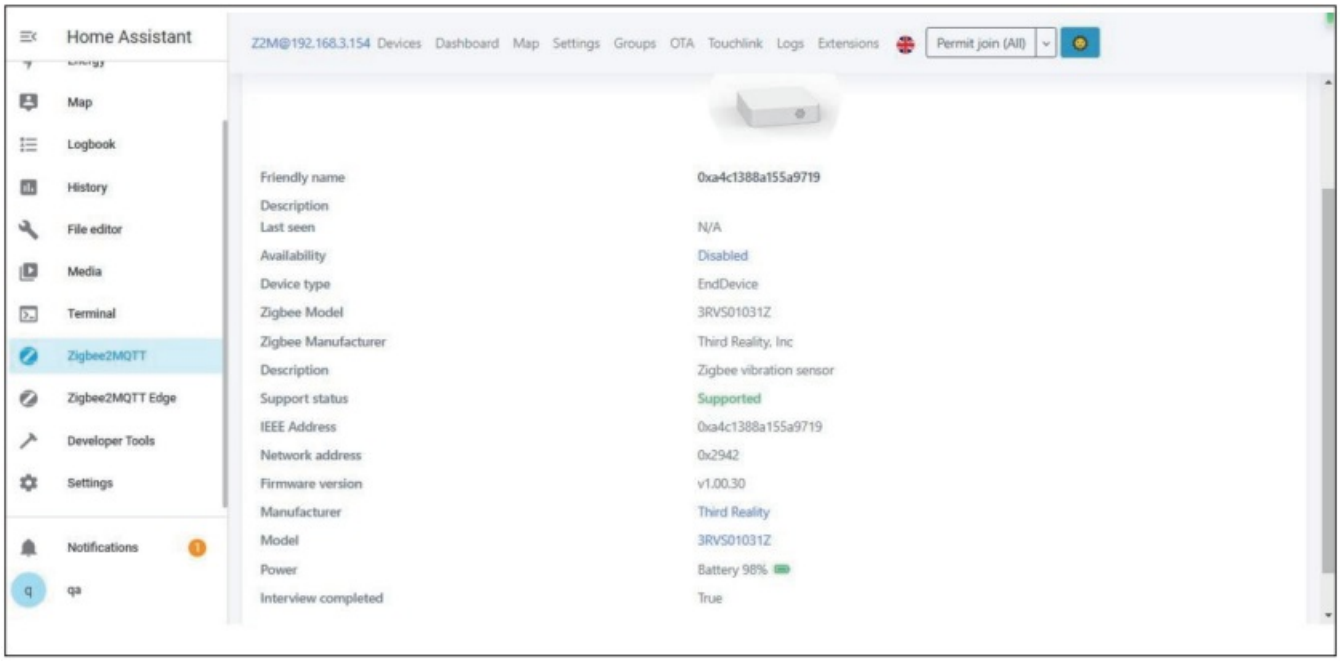


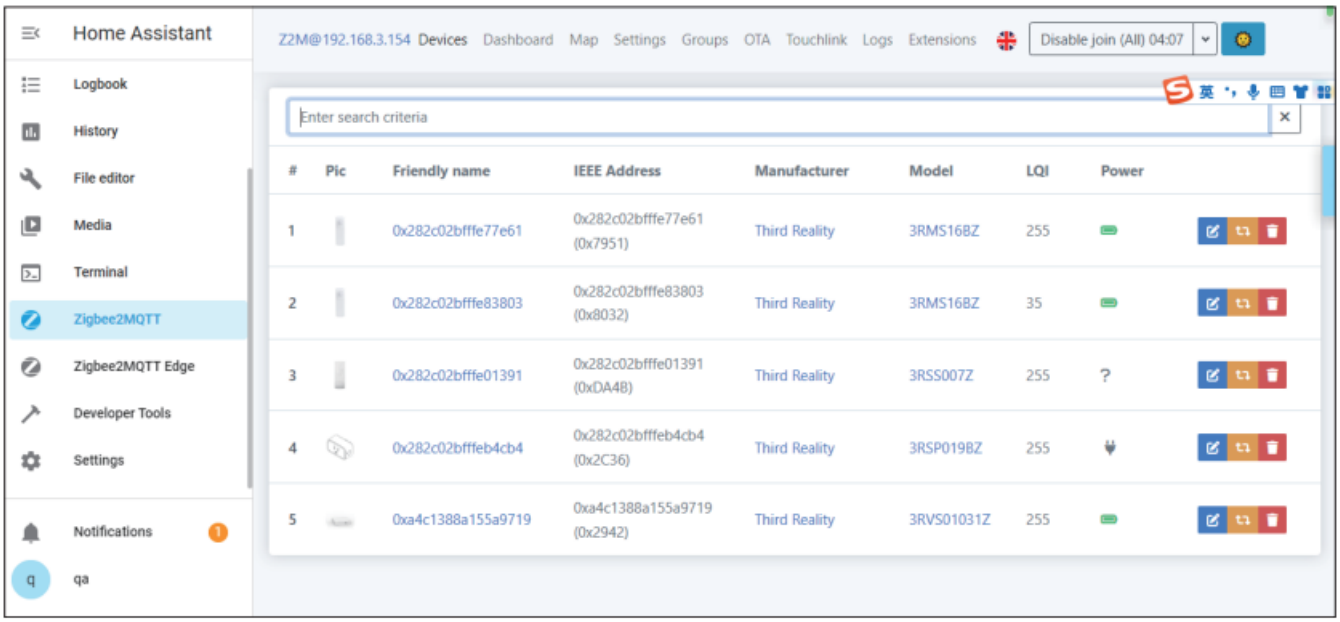




Zigbee2MQTT







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 **www.3reality.com/device-support**
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.

Documents / Resources


Vibration Sensor

Quick Start Guide

THIRDREALITY

Introduction

Specification

Operating Temp	32 to 104 F(0 to 40 °C) Indoor Use Only
Power Supply	2 × AAA Batteries
Dimensions	2.19" × 2.20" × 0.48" (5.56cm × 5.59cm × 1.21cm)
Protocol	Zigbee 3.0

SIREN 0 ON 1 OFF | RESET | LEVEL 0 0 00 UH 01 H 10 M 11 L

Siren Setting:

0	1
ON	OFF

Senitivity Setting:

00	01	10	11
Very High	High	Medium	Low

Setup

1. Remove the plastic insulator to power the Vibration Sensor.
2. When the sensor is powered up for the first time, it enters pairing mode automatically, and it exits pairing mode if not paired within 3 minutes, to put it into pairing mode again by pressing the reset button for 5 seconds.
3. Follow the instructions of Zigbee hubs to pair the sensor. Turn on/off the beeping alarm with the single toggle switch, and set the sensitivity/vibration levels with the dual toggle switches.

Installation

Simply place the Vibration Sensor on top of the object to be monitored, or use double-sided tape to stick it anywhere as desired.

Pairing with Different Hubs

Before pairing, set the Vibration Sensor into pairing mode by pressing the reset button for 5 seconds until the LED indicator turns into fast blue blinking.

Pairing with Third Reality

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

Pairing steps:

1. Tab "+" in Third Reality App, follow the on-screen instructions to add device, it will be added within seconds.
2. Create routines to control other connected devices.

Pairing With Amazon Echo

App: Amazon Alexa

Pairing with Echo devices with built-in Zigbee hubs such As Echo 5-R, Echo Plus V1 & V2, Echo Studio, Echo Show 10, and Eero 6 & 6 pro.

Pairing steps:

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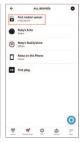

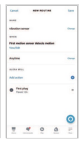

Pairing With Hubitat

Website: http://first.hubitat.com/

Pairing steps:

1. Tab "Add Device" in Hubitat Devices page.

2. Choose "Zigbee", then "Start Zigbee Pairing".


3. Create a device name for the vibration sensor, then click "Next" to add device.


4. Change Type from "Device" to "Generic Zigbee Motion Sensor" and "Save Device", you can see the status of the sensor "active/inactive", and battery level.


Pairing With Home Assistant

Pairing steps:

Zigbee Home Automation




Zigbee2MQTT


[THIRDREALITY Zigbee Vibration Sensor] [pdf] User Guide
Zigbee Vibration Sensor, Vibration Sensor, Sensor

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References

- Quick Start Guide
- Smart Hardware | IOT platform | Third Reality, inc | China
- User Manual