


THIRDREALITY
B0DL9Z9TR7
Zigbee Vibration
Sensor 3 Pack
with 110dB Alarm



THIRDREALITY B0DL9Z9TR7 Zigbee Vibration Sensor 3 Pack with 110dB Alarm User Guide

[Home](#) » [THIRDREALITY](#) » THIRDREALITY B0DL9Z9TR7 Zigbee Vibration Sensor 3 Pack with 110dB Alarm User Guide 

Contents

- [1 THIRDREALITY B0DL9Z9TR7 Zigbee Vibration Sensor 3 Pack with 110dB Alarm](#)
- [2 Specification](#)
- [3 Product Usage Instructions](#)
- [4 Introduction](#)
- [5 Setup](#)
- [6 Pairing](#)
- [7 FCC regulatory conformance](#)
- [8 FAQ](#)
- [9 Documents / Resources](#)
 - [9.1 References](#)
- [10 Related Posts](#)



THIRDREALITY B0DL9Z9TR7 Zigbee Vibration Sensor 3 Pack with 110dB Alarm



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 ×1.23cm)
Protocol	Zigbee 3.0

Product Usage Instructions

Setup:

1. Remove the plastic insulator to power the Vibration Sensor.
2. If not paired within 3 minutes, press the reset button for 5 seconds to enter pairing mode again.
3. Follow Zigbee hub instructions to pair the sensor.
4. Turn on/off the beeping alarm with the single toggle switch and set sensitivity with the dual toggle switches.

Installation:

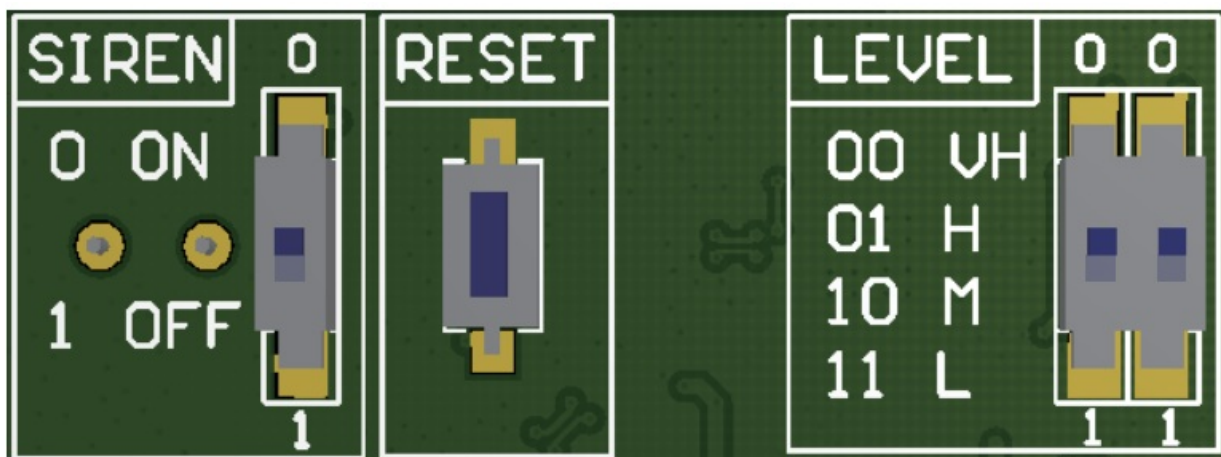
Simply place the Vibration Sensor on top of the object to be monitored or use double-sided tape to stick it anywhere desired.

Pairing with Different Hubs:

- **Third Reality Hub:** Follow Third Reality App instructions for quick pairing.
- **Amazon Echo:** Use the Alexa App to add the sensor as a motion sensor.
- **Hubitat:** Visit <http://find.hubitat.com/> for pairing steps.
- **Home Assistant:** Pair using Zigbee Home Automation or Zigbee2MQTT protocols.
- **SmartThings:** Check for updates, reset sensor, and pair using SmartThings App.

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.



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. 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.

2. Follow the instructions of Zigbee hubs to pair the sensor.
3. 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

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.

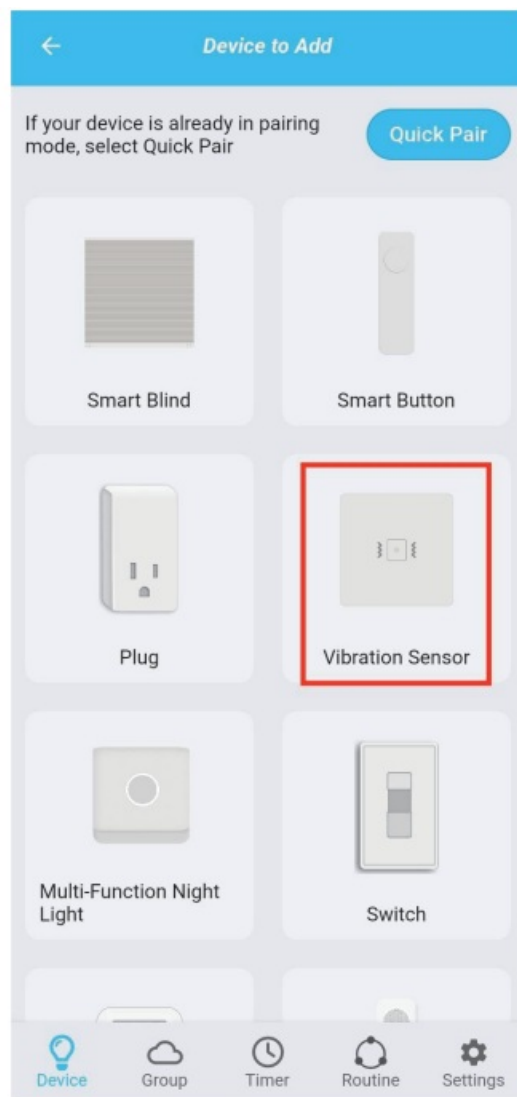
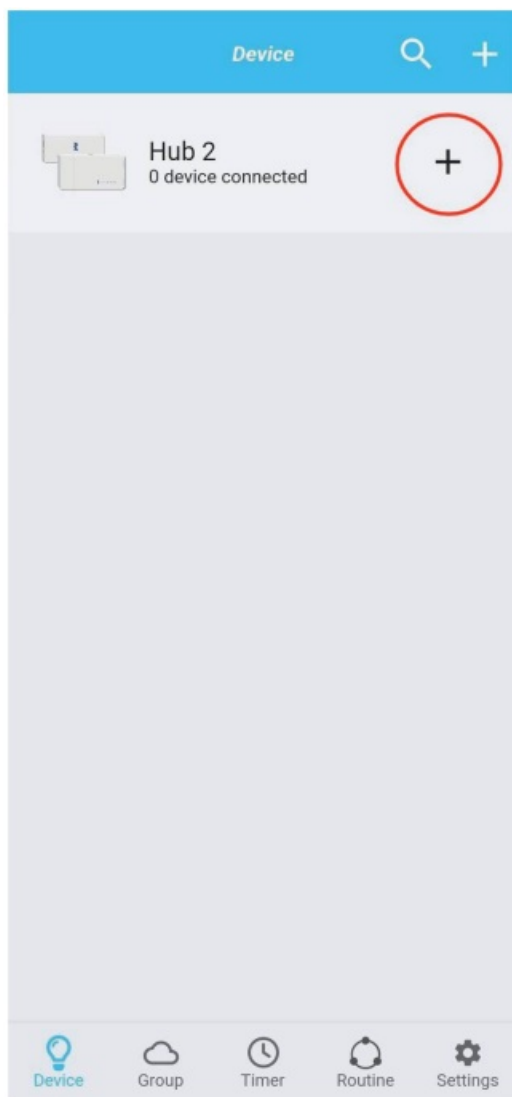
Pairing with Third Reality

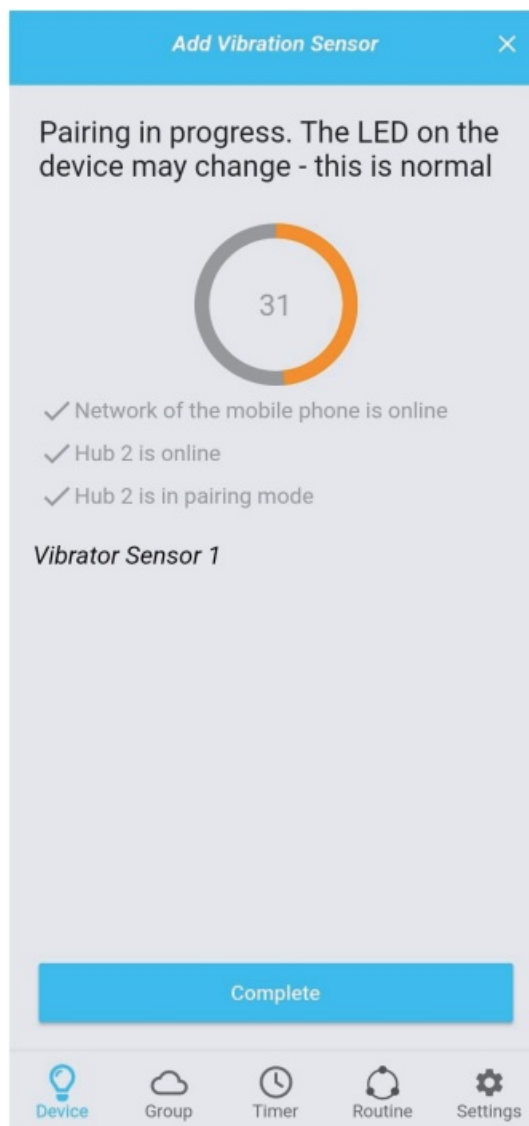
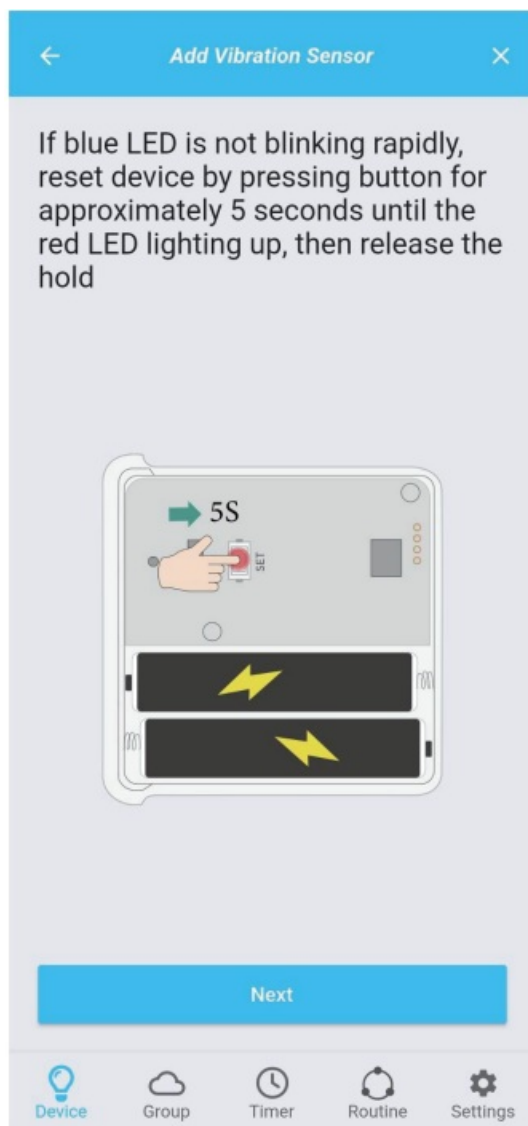
- **Hub:** Third Reality Hub Gen2 /Gen2 Plus
- **App:** Third Reality

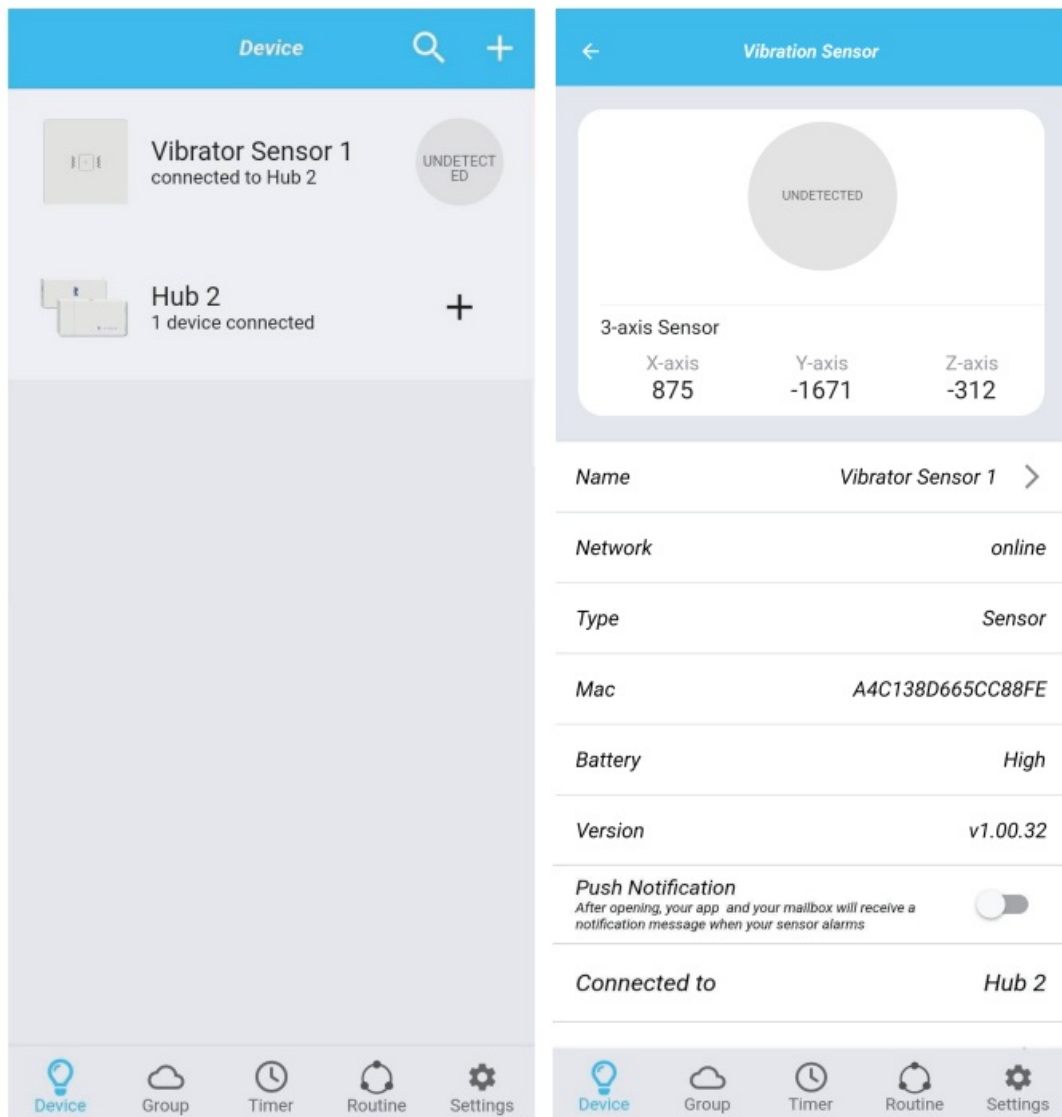


Pairing steps:

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

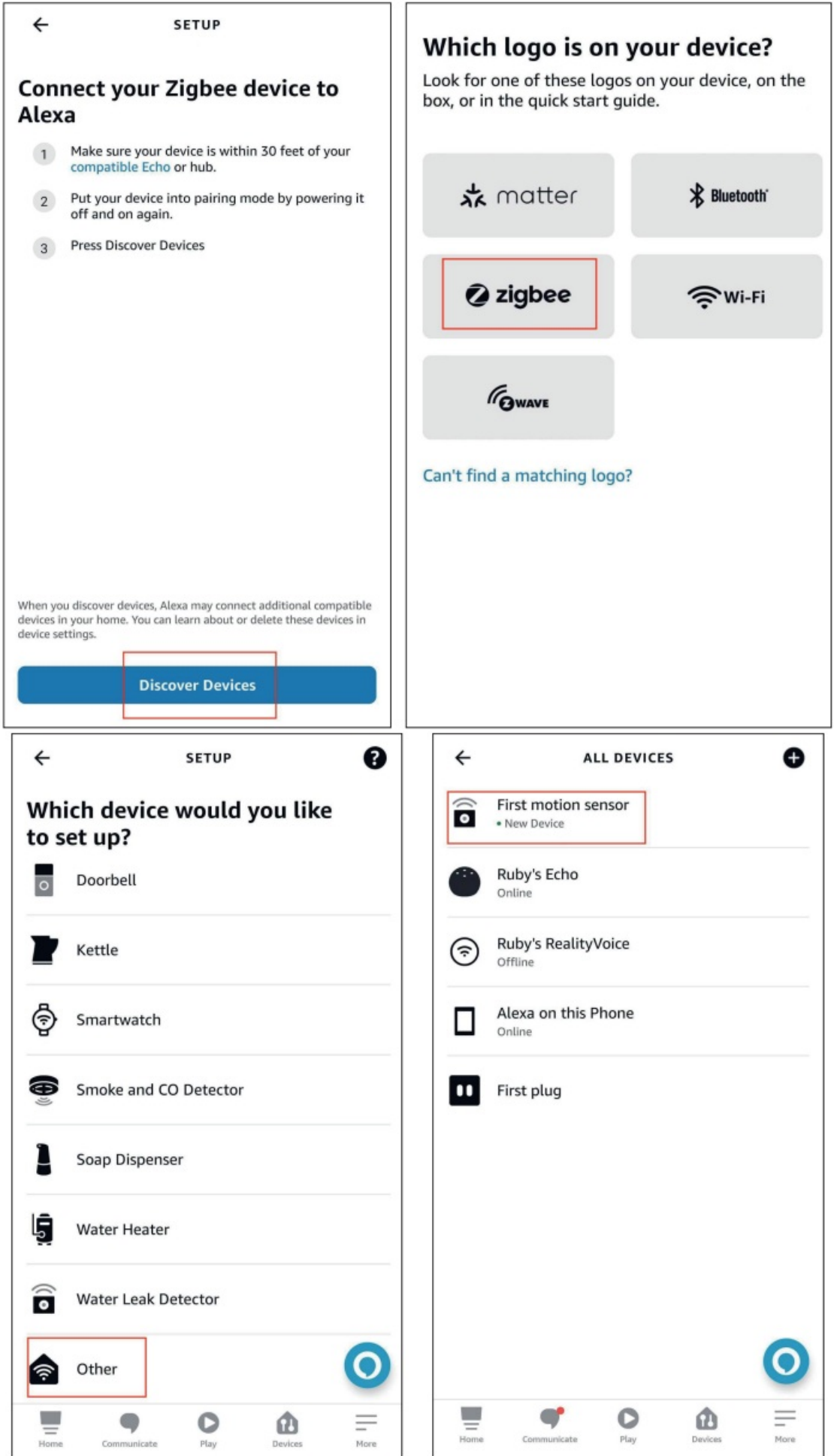


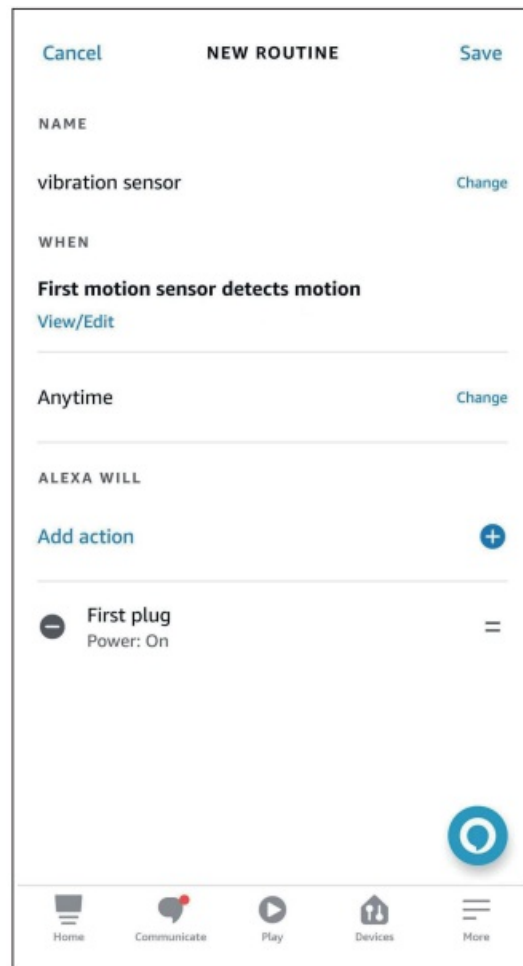
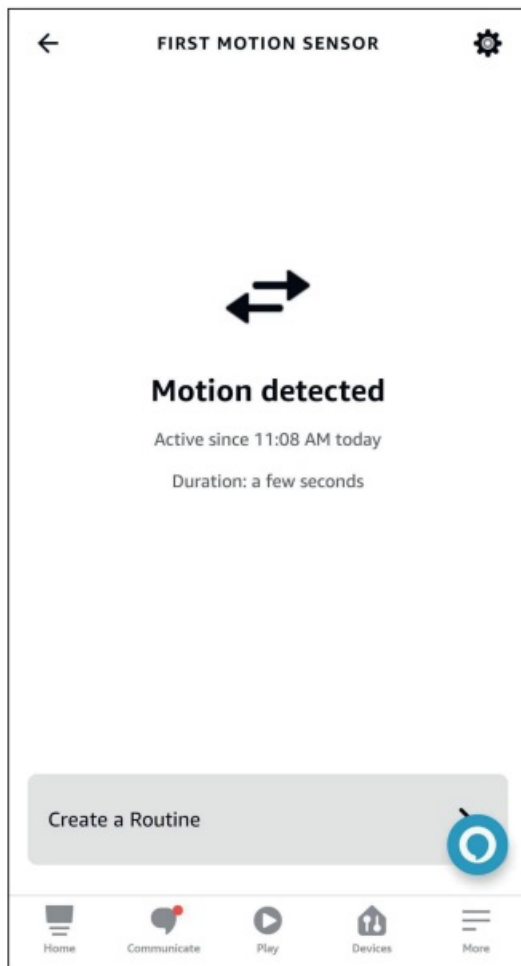
Pairing with Echo devices with built-in ZigBee hubs such As Echo V4, Echo Plus V1 & V2, Echo Studio and Eero 6 & 6 pro.

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.





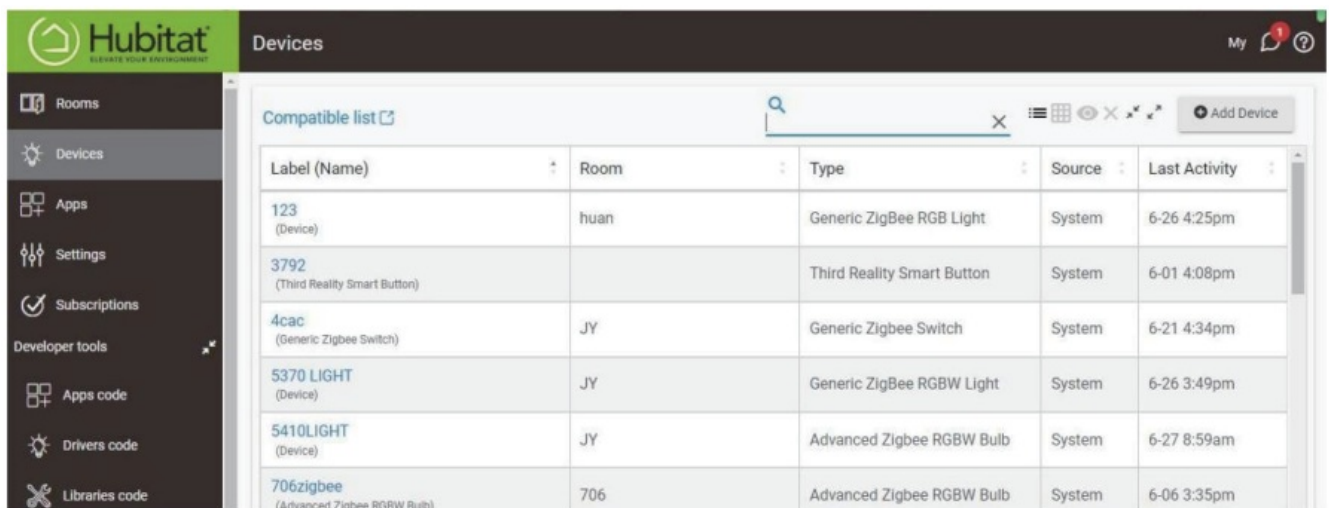
Pairing With Hubitat

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



Pairing steps:

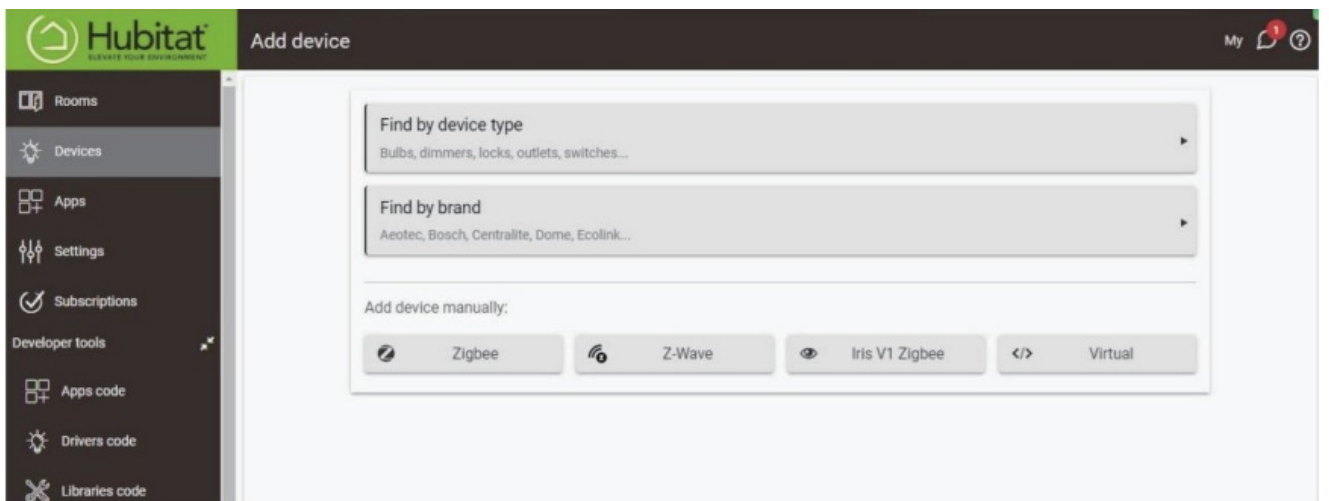
1. Tab "Add Device" in Hubitat Devices page.



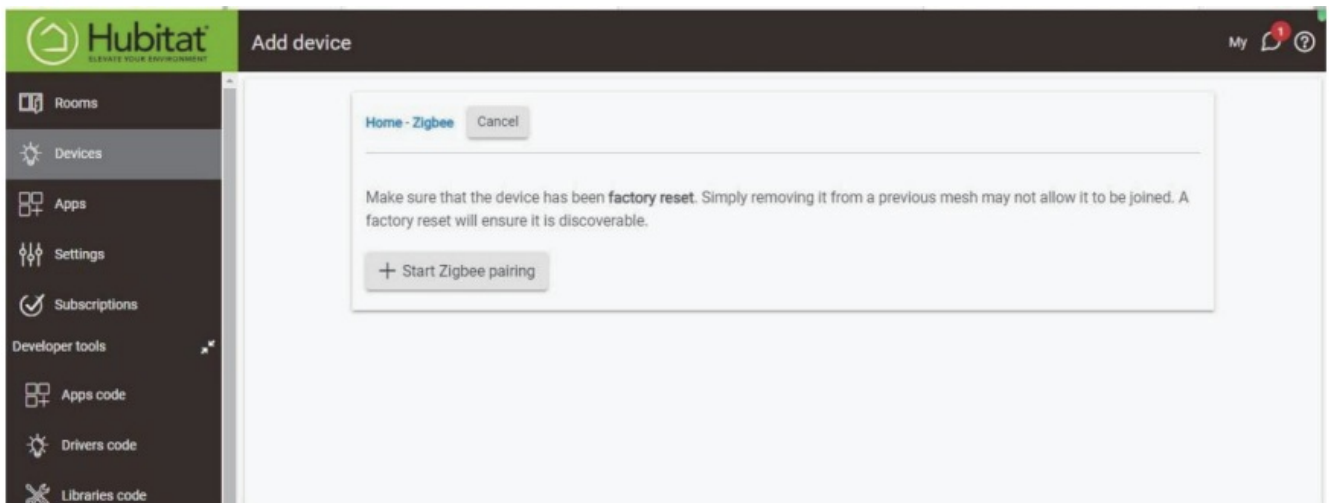
The screenshot shows the Hubitat 'Devices' page. On the left is a sidebar with navigation options: Rooms, Devices, Apps, Settings, Subscriptions, and Developer tools. The main area is titled 'Compatible list' and contains a table of devices.

Label (Name)	Room	Type	Source	Last Activity
123 (Device)	huan	Generic ZigBee RGB Light	System	6-26 4:25pm
3792 (Third Reality Smart Button)		Third Reality Smart Button	System	6-01 4:08pm
4cac (Generic Zigbee Switch)	JY	Generic Zigbee Switch	System	6-21 4:34pm
5370 LIGHT (Device)	JY	Generic ZigBee RGBW Light	System	6-26 3:49pm
5410LIGHT (Device)	JY	Advanced Zigbee RGBW Bulb	System	6-27 8:59am
706zigbee (Advanced Ziobee RGBW Bulb)	706	Advanced Zigbee RGBW Bulb	System	6-06 3:35pm

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

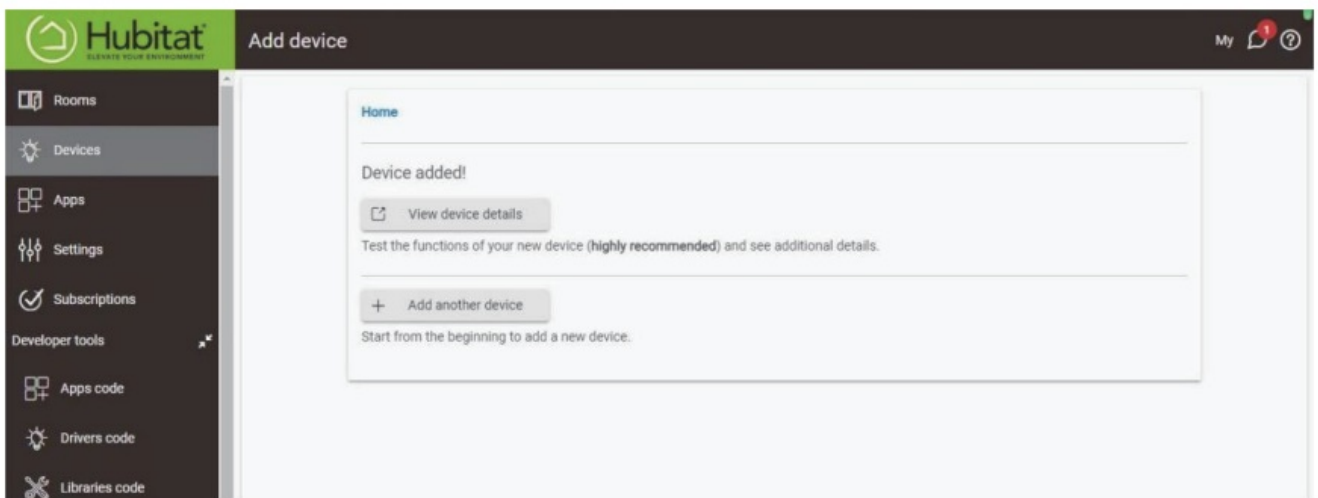
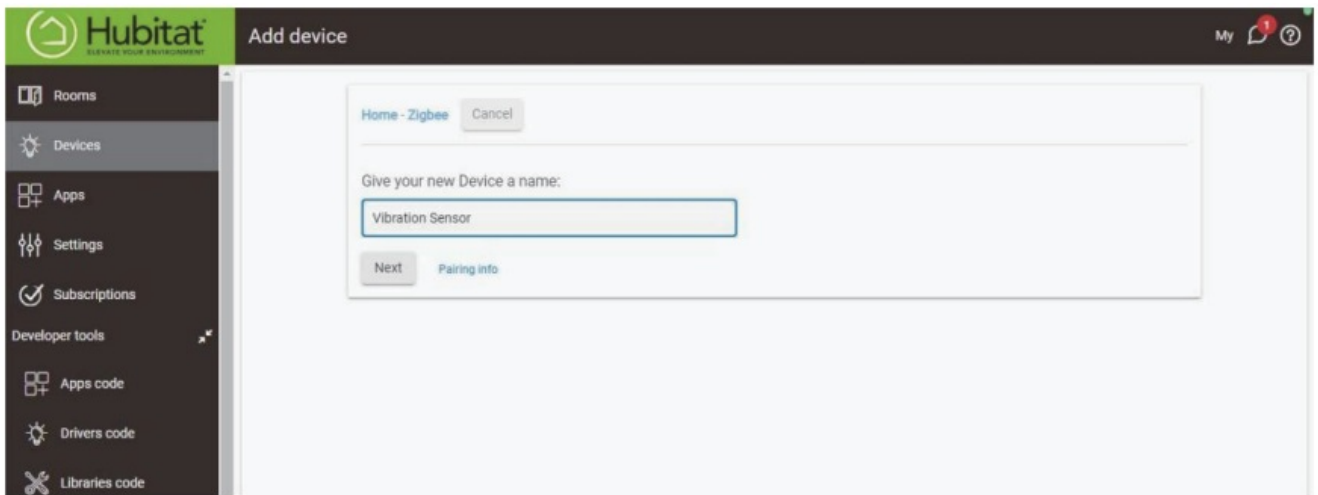


The screenshot shows the 'Add device' screen in the Hubitat interface. It features two main sections for finding devices: 'Find by device type' (listing bulbs, dimmers, locks, outlets, switches) and 'Find by brand' (listing Aeotec, Bosch, Centralite, Dome, Ecolink...). Below these is a section for 'Add device manually' with four buttons: Zigbee, Z-Wave, Iris V1 Zigbee, and Virtual. The 'Zigbee' button is highlighted with a radio button icon.

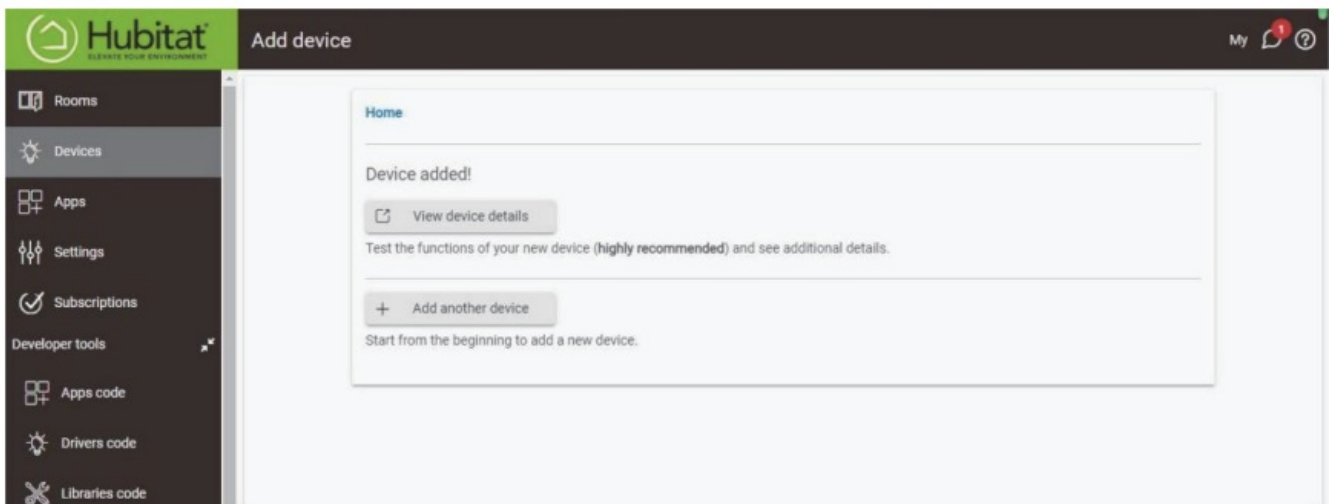
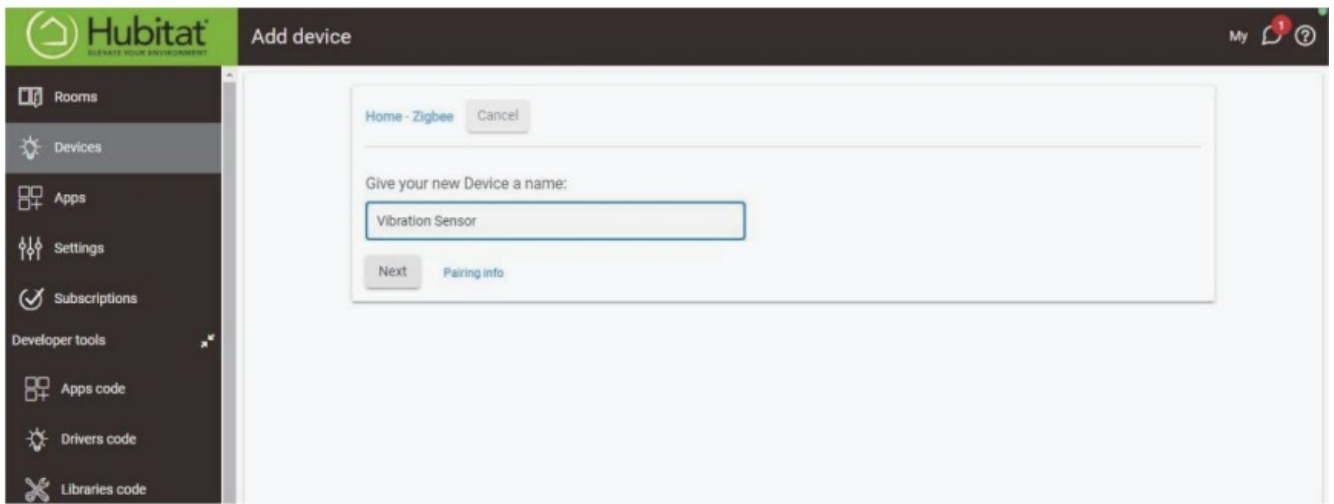


The screenshot shows the 'Add device' screen with a confirmation dialog for Zigbee pairing. The dialog has a title bar with 'Home - Zigbee' and a 'Cancel' button. The main text reads: 'Make sure that the device has been **factory reset**. Simply removing it from a previous mesh may not allow it to be joined. A factory reset will ensure it is discoverable.' At the bottom of the dialog is a button labeled '+ 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 "ac-tive/inactive", and battery level.



Pairing With Home Assistant



Pairing steps: Zigbee Home Automation

Home Assistant

Map

Logbook

History

File editor

Media

Terminal

Zigbee2MQTT

Zigbee2MQTT Edge

Developer Tools

Settings

Notifications

qa

Integrations

Devices

Entities

Helpers

Search integrations

Discovered

ibeacon

iBeacon Tracker

CONFIGURE

Discovered

UPnP

华为路由AX3 Pro

UPnP/IGD

CONFIGURE

Bluetooth

1 device

Google Cast

7 devices

Home Assistant Supervisor

10 services

MQTT

4 devices

Radio Browser

1 entry

Raspberry Pi Power Supply Checker

1 entity

Sun

1 service

Thread

1 entry

Debug logging enabled

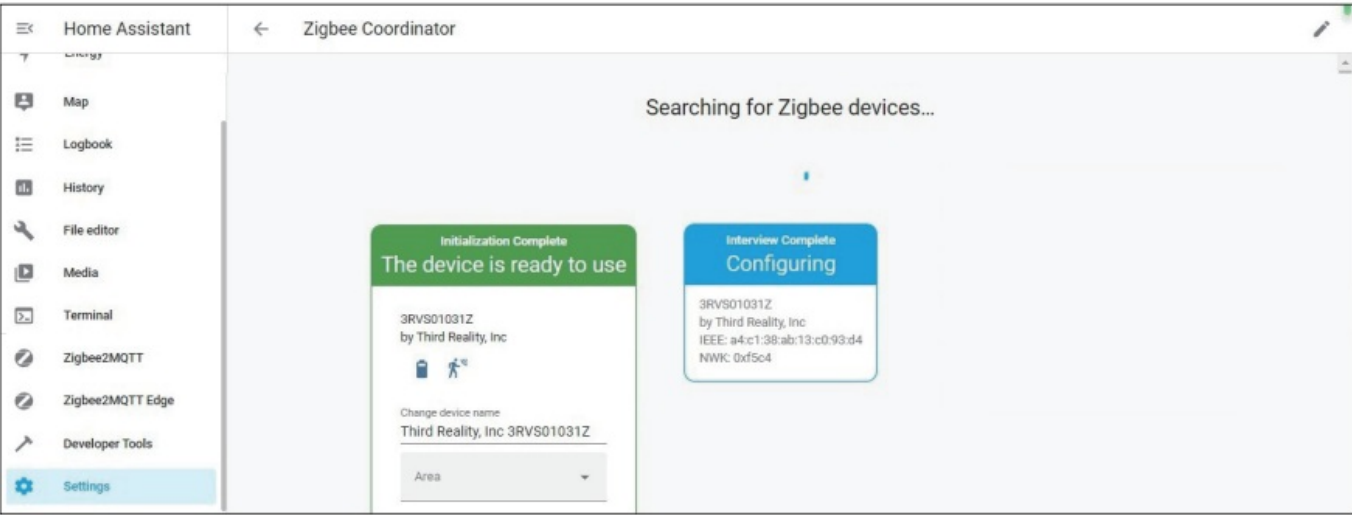
Zigbee Home Automation

1 device

+

ADD INTEGRATION

17



☰

Home Assistant

📍

Map

📖

Logbook

📅

History

🔧

File editor

📺

Media

🖥️

Terminal

🔄

Zigbee2MQTT

🔄

Zigbee2MQTT Edge

🔧

Developer Tools

⚙️

Settings

⬅️

Zigbee Coordinator

✎️

🔍

Search devices

Filtering by integration "Zigbee Home Automation"

CLEAR

⬆️	Device	Manufacturer	Model	Area	Integration	Battery
🚫	Third Reality, Inc 3RMS16BZ	Third Reality, Inc	3RMS16BZ	—	Zigbee Home Automation	— 📶
🚫	Third Reality, Inc 3RSNL02043Z	Third Reality, Inc	3RSNL02043Z	—	Zigbee Home Automation	— 📶
🚫	Third Reality, Inc 3RVS01031Z	Third Reality, Inc	3RVS01031Z	—	Zigbee Home Automation	80% 🔋 📶
🚫	Third Reality, Inc 3RVS01031Z	Third Reality, Inc	3RVS01031Z	—	Zigbee Home Automation	44% 🔋 📶
🚫	Zigbee Coordinator	ZHA	ZiGate - ZiGate Zigbee ra...	—	Zigbee Home Automation	— 📶

Zigbee2MQTT

Home Assistant

Map

Logbook

History

File editor

Media

Terminal

Zigbee2MQTT

Zigbee2MQTT Edge

Developer Tools

Settings

Notifications

qa

Z2M@192.168.3.154

Devices

Dashboard

Map

Settings

Groups

OTA

Touchlink

Logs

Extensions

Permit join (All)

About

Exposes

Bind

Reporting

Settings

Settings (specific)

State

Clusters

Scene

Dev console

vibration

Indicates whether the device detected vibration

False

battery_low

Indicates if the battery of this device is almost empty

False

battery

Remaining battery in %, can take up to 24 hours before reported.

98 %

voltage

Voltage of the battery in millivolts

3200 mV

x_axis

Accelerometer X value

N/A

y_axis

Accelerometer Y value

N/A

z_axis

Accelerometer Z value

N/A

linkquality

Link quality (signal strength)

255 sq

Home Assistant

Map

Logbook

History

File editor

Media

Terminal

Zigbee2MQTT

Zigbee2MQTT Edge

Developer Tools

Settings

Notifications

qa

Z2M@192.168.3.154

Devices

Dashboard

Map

Settings

Groups

OTA

Touchlink

Logs

Extensions

Permit join (All)

Friendly name

0xa4c1388a155a9719

Description

N/A

Last seen

N/A

Availability

Disabled

Device type

EndDevice

Zigbee Model

3RVS01031Z

Zigbee Manufacturer

Third Reality, Inc

Description

Zigbee vibration sensor

Support status

Supported

IEEE Address

0xa4c1388a155a9719

Network address

0x2942

Firmware version

v1.00.30

Manufacturer

Third Reality

Model

3RVS01031Z

Power

Battery 98%

Interview completed

True

Home Assistant

Logbook

History

File editor

Media

Terminal

Zigbee2MQTT

Zigbee2MQTT Edge

Developer Tools

Settings

Notifications

qa

Z2M@192.168.3.154

Devices

Dashboard

Map

Settings

Groups

OTA

Touchlink

Logs

Extensions

Disable join (All) 04:07

Enter search criteria

#	Pic	Friendly name	IEEE Address	Manufacturer	Model	LQI	Power	
1		0x282c02bffe77e61	0x282c02bffe77e61 (0x7951)	Third Reality	3RMS16BZ	255		
2		0x282c02bffe83803	0x282c02bffe83803 (0x8032)	Third Reality	3RMS16BZ	35		
3		0x282c02bffe01391	0x282c02bffe01391 (0xDA4B)	Third Reality	3RSS007Z	255	?	
4		0x282c02bffe4cb4	0x282c02bffe4cb4 (0x2C36)	Third Reality	3RSP019BZ	255		
5		0xa4c1388a155a9719	0xa4c1388a155a9719 (0x2942)	Third Reality	3RVS01031Z	255		

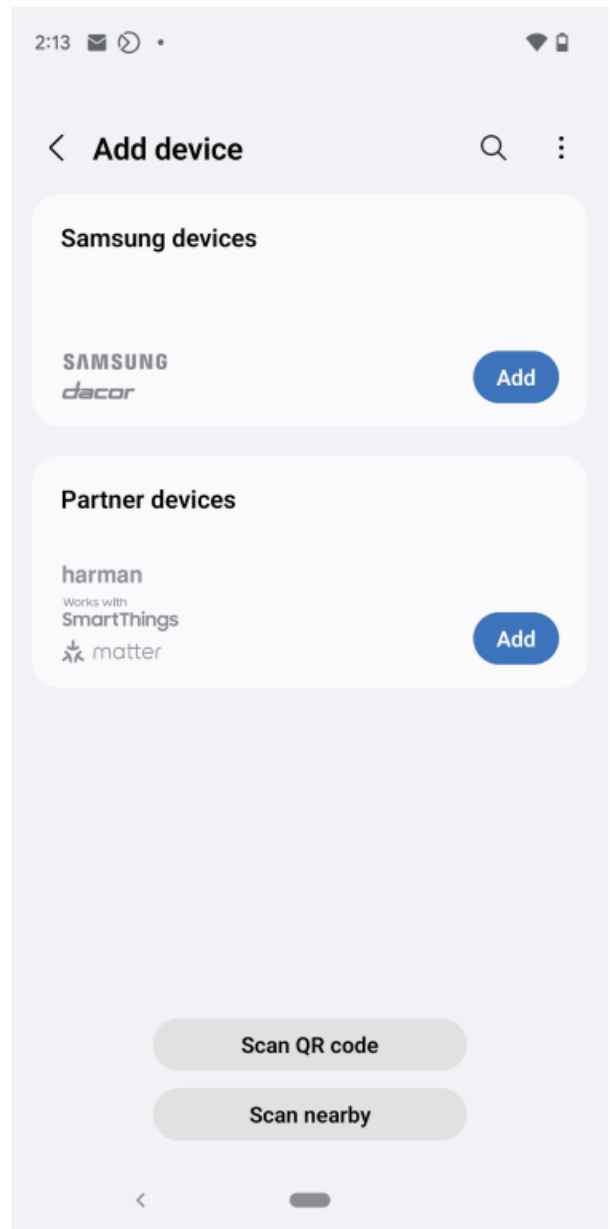
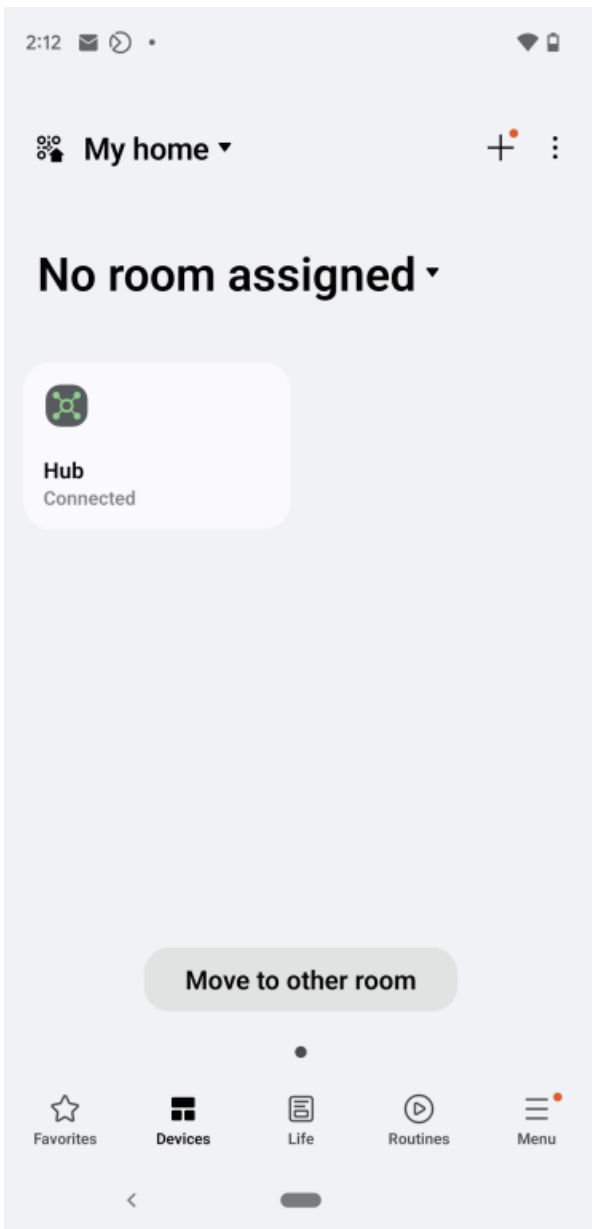
Pairing With SmartThings
App: SmartThings App

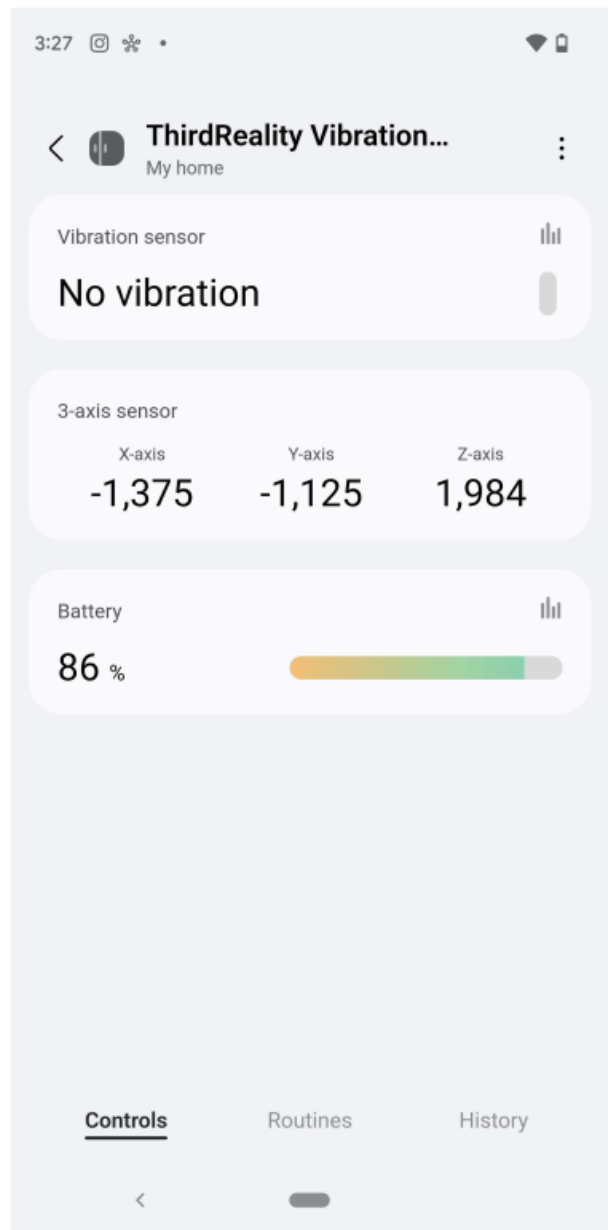
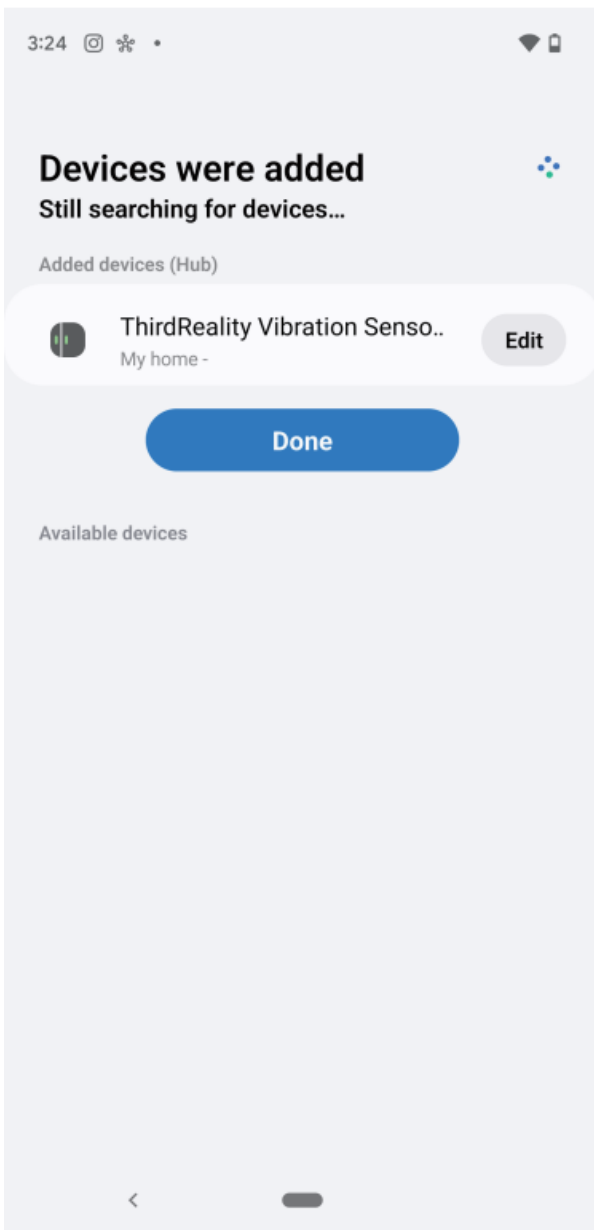


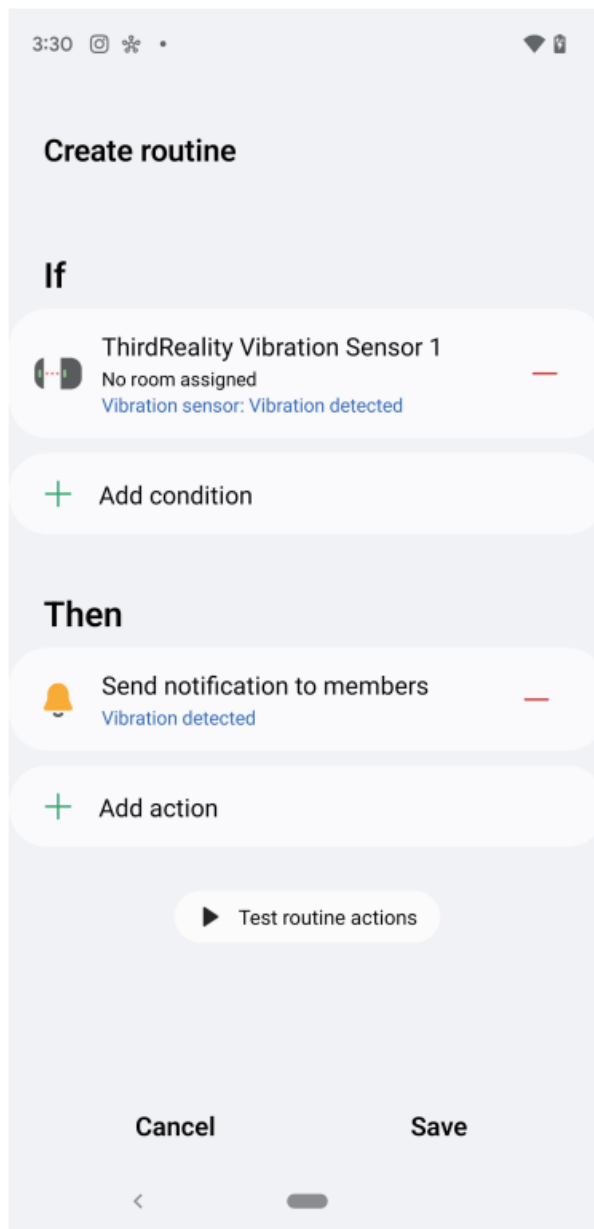
SmartThings Hub 2nd Gen(2015) and 3rd Gen(2018), Aeotec Smart Home Hub.

Pairing steps:

1. Before pairing, check for updates to make sure the SmartThings Hub firmware is up to date.
2. 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 pair-ing mode after 3 min if not paired.
3. Open the SmartThings App, tap “+” on the upper right corner to “Add device” and then tap “Scan for nearby devices”.
4. The Vibration Sensor will be paired with the SmartThings hub. Create routines to control connected devices.







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.

FAQ

Q: Can the Vibration Sensor be used outdoors?

A: No, the Vibration Sensor is designed for indoor use only.

Q: How do I change the sensitivity of the sensor?

A: Use the dual toggle switches to set the sensitivity to one of the four levels: Very High, High, Medium, Low.


Q: How do I know if the sensor is in pairing mode?

A: The LED indicator will turn into fast blue blinking when the sensor is in pairing mode.

Documents / Resources

Vibration Sensor

Quick Start Guide



THIRDREALITY

Introduction

This Reality 3rd Party 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 various alarm, monitoring, security, home automation and Third Reality App via Third Reality Hub. It can be used to create various the sorts of various sounds and sending messages and so on.

Specification

Operating Temp.	0°C to 35°C (32°F to 95°F) Indoor Use Only
Power Supply	2 x AA Batteries
Dimensions	2.5" x 2.2" x 1.4"
Weight	1.5oz (42.5g)

SIREN

ON

OFF

RESET

ON

OFF

LEVEL

00

01

10

11

Siren Setting:

ON

OFF

Sensitivity Setting:

00

01

10

11

Very High

High

Medium

Low

Setup

- Remove the plastic cover to power the Vibration Sensor.
- When the sensor is powered on, the LED indicator will start blinking. Press the RESET button to enter pairing mode. The LED indicator will start blinking fast.
- Follow the instructions of Zigbee Hub to pair the sensor.

Can call the help center via the app or the website, and get the user manual 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 starts fast blue blinking.

Pairing with Third Reality

Hub: Third Reality Hub (Gen2) Gen2 Plus
App: Third Reality



Pairing steps:

1. Tap "+" in Third Reality App, follow the on-screen instructions to add devices, it will be added within seconds.
2. Check and test to control other connected devices.



Pairing With Amazon Echo

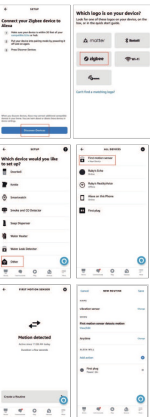
App: Amazon Alexa



Pairing with Echo devices with built-in ZigBee hubs such as Echo V3, Echo Plus V3 & V2, Echo Studio and Echo 4.5 Gen.

Pairing steps:

1. Tap "+" in the Alexa app, choose " ZigBee" and "Echo" to add devices, the vibration sensor will be added as a "Motion sensor".
2. Create and test to control other connected devices.



Pairing With Hubitat

Website: <http://hubitat.com/>



Pairing steps:

1. Tap "Add Device" in Hubitat Device 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 "Motion" to "Generic ZigBee Motion Sensor" and "ZigBee Device", you can see the status of the sensor "on", "battery level", and "battery level".



Pairing With Home Assistant



Device: Amazon

[THIRDREALITY B0DL9Z9TR7 Zigbee Vibration Sensor 3 Pack with 110dB Alarm](#) [pdf] User Guide

B0DL9Z9TR7, B0C9DP249C, B0DG4KD97V, B0DL9Z9TR7 Zigbee Vibration Sensor 3 Pack with 110dB Alarm, B0DL9Z9TR7, Zigbee Vibration Sensor 3 Pack with 110dB Alarm, Sensor 3 Pack with 110dB Alarm, Pack with 110dB Alarm, 110dB Alarm



References

- [🌐 Quick Start Guide](#)
- [🐙 ThirdReality](#)
- [🐙 Device Support – ThirdReality](#)
- [User Manual](#)

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