Smart Dual Plug ZP1

User Manual



THIRDREALITY

Contents

Specifications 01

Factory Reset 01

Features 02

Setting up your Smart Dual Plug 03

Mesh Network Setup 04

Using your Smart Dual Plug 05

Setup with SmartThings 06

Setup with Third Reality 09

Setup with 3R-Installer 10

Setup with Home Assistant 13

ISED Caution 20

FCC Regulatory Conformance 21

RF Exposure 22

Limited Warranty 22

Specifications

Model Number	3RDP01072Z
Rated Input Voltage	110–120 V AC, 50/60 Hz
Max Combined Output Current	15A Total (shared by both outlets)
Max Combined Output Power	1800 W (at 120 V)
Wireless Connectivity	Zigbee 3.0, 2.4 GHz
Operating Environment	–10°C to 40°C, 5%–90% RH (non-condensing)

Factory Reset

Power on the Smart Plug, then press and hold the button for more than 10 seconds until the red LED light turns on. After that, release the button; the LED will flash rapidly in red.

Features

1. Two sockets allow the user to control them individually, making life easier. When turning off the toaster, it can keep your coffee warm in the machine, so you don't have to worry about starting a fresh day in a rush with a cup of cold coffee.

2. The electricity bill is high, but there's no apparent reason why. Manage your devices wisely! This dual plug also features a separate power metering function, allowing for accurate tracking of small appliances without missing a penny.

3. Its compact size enables two dual plugs to fit into one standard outlet, effectively extending the number of sockets from two to four and eliminating the need for extension leads.

4. Fully Compatible with Home Assistant, SmartThings, Homey, and THIRDREALITY Smart Bridge MZ1. Partial support Thirdreality Hub Gen2 Plus.

Setting up your Smart Dual Plug



LED Indicator	Status
Flashing red	Pairing
LED Light is out	Pairing Completed
Solid red	Power ON
LED Light is off	Power OFF

Insert the Smart Dual Plug into an outlet, it will enter pairing mode automatically.

Pairing with compatible Zigbee hub/bridge

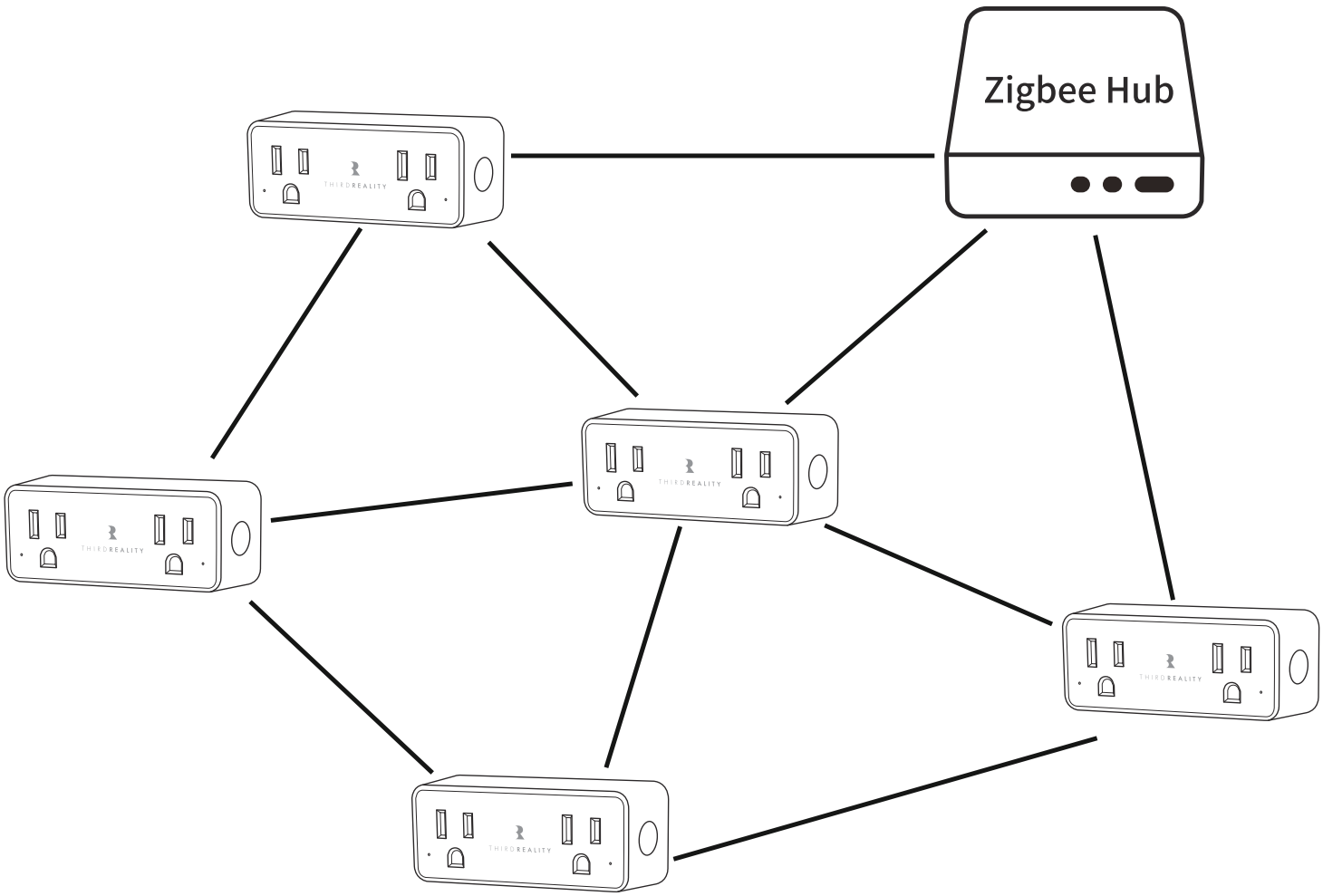
Compatible devices: SmartThings 2015/2018, SmartThings Station, Aeotec, Home Assistant (ZHA/Zigbee2MQTT), Third Reality Hub, Smart Bridge MZ1.

1. Update your hub firmware and phone app to the latest version before pairing, set up your Zigbee Hub by following its user manual.
2. Insert the Smart Plug into an outlet, it will enter pairing mode automatically.
3. Follow the instructions in the corresponding phone app to complete the setup.

Mesh Network Setup

If you have multiple plugs set for different rooms, especially those located far away from your hub with poor signal quality, you can utilize a Mesh Network to extend the signal range.

1. Plug the device into the outlet that is closest to the hub, and then pair it with the hub.
2. Unplug the device and relocate it to a place with a fair to good signal quality. This device will automatically form a Zigbee Mesh Network and function as a node on the web to extend the signal range.



Using your Smart Dual Plug

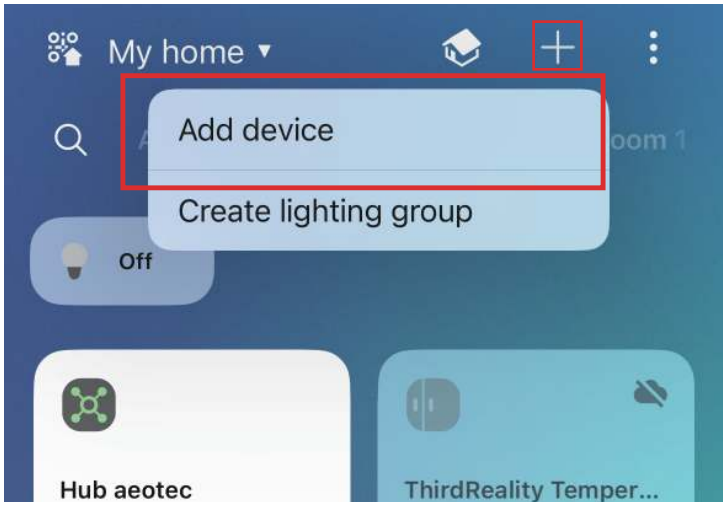
1. **Independent Control and Monitoring**
   This Smart Dual Plug features two sockets that can be controlled and monitored separately. For example, you can turn off the toaster while keeping the coffee machine on, helping you manage your morning routine more efficiently.
2. **Power Consumption Tracking**
   Each socket supports individual power metering. This allows you to monitor the electricity usage of small appliances separately, making it easier to identify energy consumption patterns. (Note: Power data is for reference only.)
3. **Space-Saving Design**
   The compact form factor allows two Smart Dual Plugs to be used side by side in a standard wall outlet, expanding your available sockets from two to four without the need for extension cords.

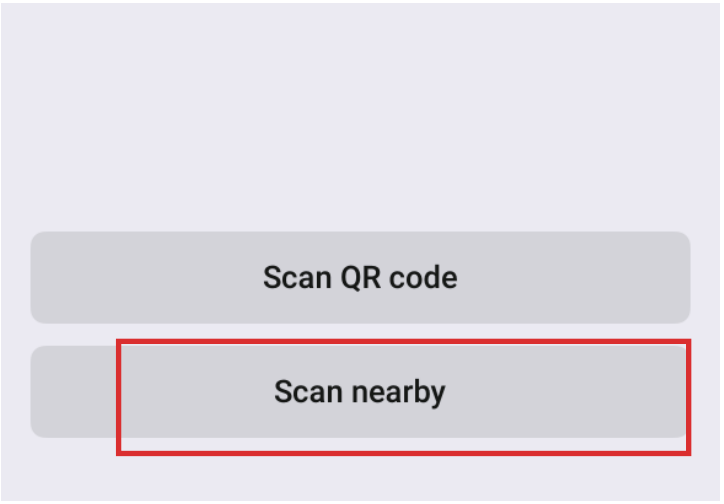
Setup with SmartThings

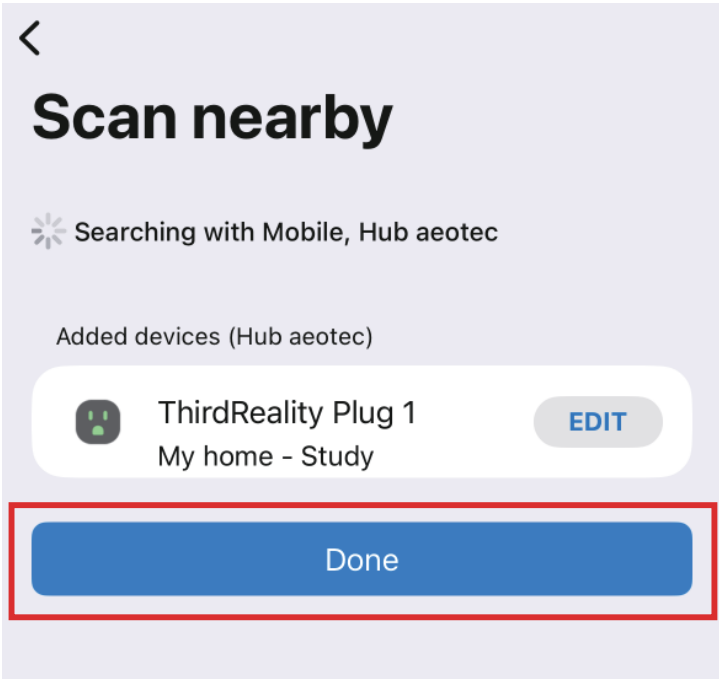
Compatible Devices:
SmartThings 2015/2018, SmartThings Station，Aeotec
App: SmartThings App

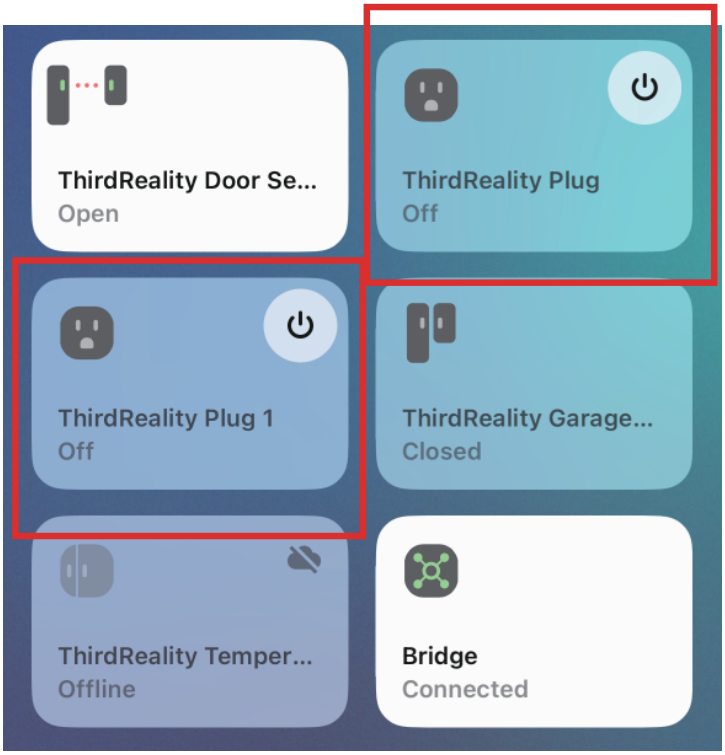


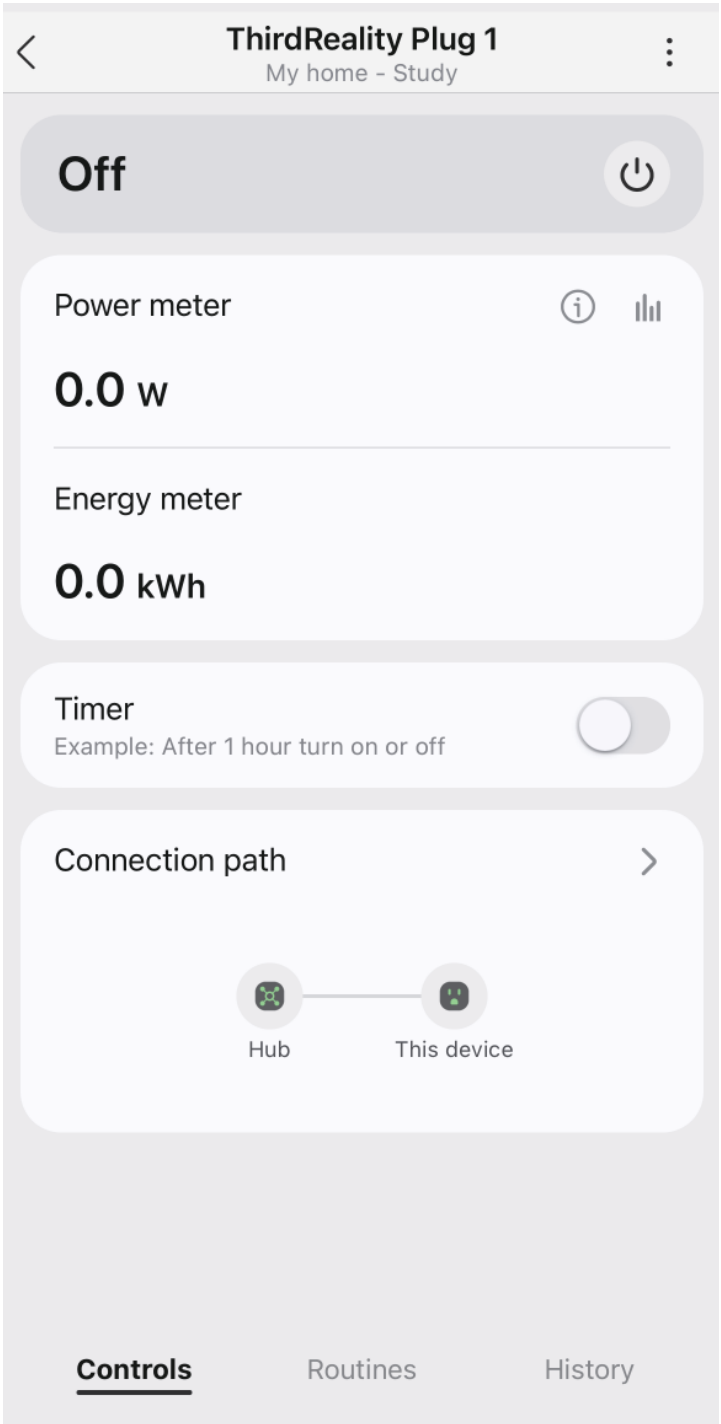
1. Check your SmartThings Hub for firmware updates before pairing the Smart Plug with it.
2. Power on the Smart Plug, then press and hold the button for more than 10 seconds until the red LED light turns on. After that, release the button; the LED will flash rapidly in red. It exits pairing mode within 3 minutes if not successfully paired. To put the plug back into pairing mode.
3. Tap "+" in the upper right corner of your SmartThings App, then tap "Scan for nearby devices." The hub will discover the Smart Dual Plug within seconds. You can see the power meter on the device page.

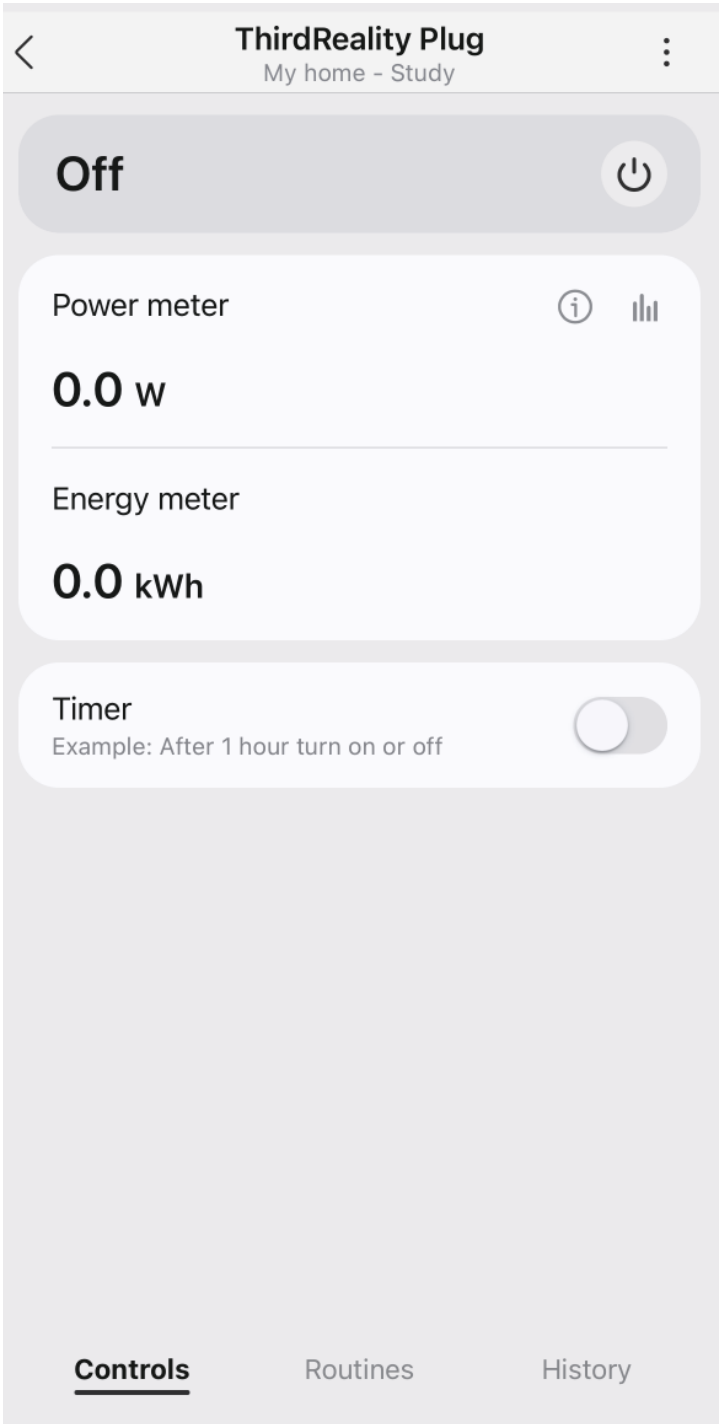

My home
Add device
Create lighting group
Off
Hub aeotec
ThirdReality Temper...


Scan QR code
Scan nearby


Scan nearby
Searching with Mobile, Hub aeotec
Added devices (Hub aeotec)
ThirdReality Plug 1
My home - Study
EDIT
Done


ThirdReality Door Se...
Open
ThirdReality Plug
Off
ThirdReality Plug 1
Off
ThirdReality Garage...
Closed
ThirdReality Temper...
Offline
Bridge
Connected


ThirdReality Plug 1
My home - Study
Off
Power meter
0.0 w
Energy meter
0.0 kWh
Timer
Example: After 1 hour turn on or off
Connection path
Hub
This device
Controls
Routines
History


ThirdReality Plug
My home - Study
Off
Power meter
0.0 w
Energy meter
0.0 kWh
Timer
Example: After 1 hour turn on or off
Controls
Routines
History

Setup with Third Reality

Zigbee Hub: Smart Hub Gen2 Plus
App: Third Reality App
Functional compatibility notice: ONLY ONE power meter is supported



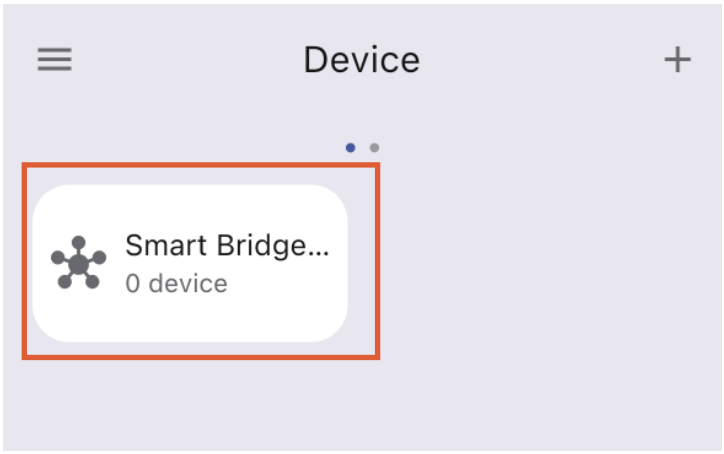
1. Check your Smart Hub Gen2 Plus's firmware and Third Reality App for updates to ensure you have the latest versions before pairing.
2. Power on the Smart Plug, then press and hold the button for more than 10 seconds until the red LED light turns on. After that, release the button; the LED will flash rapidly in red. It exits pairing mode within 3 minutes if not successfully paired. To put the plug back into pairing mode.
3. Tap "+" in the upright in the Third Reality App, Select the Plug icon, choose the hub you want to pair with, and then tap "Pair" to add a plug. The Smart Dual Plug will be paired within seconds. You can view the power meter and total consumption on the device detail page and customize the "Default Safety Setting" after a power outage.

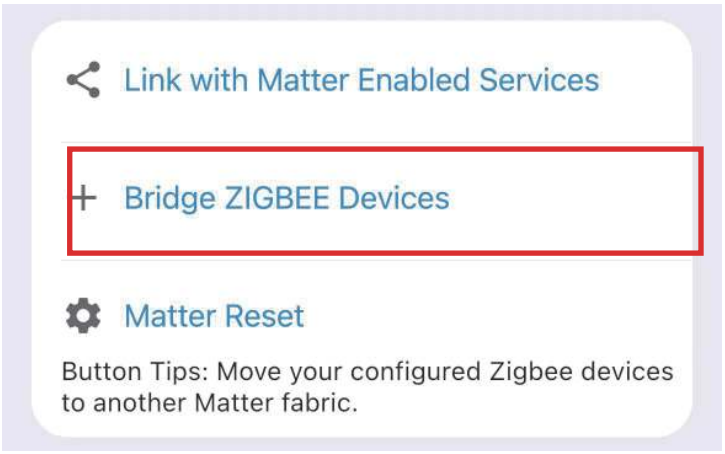
Setup with 3R-Installer

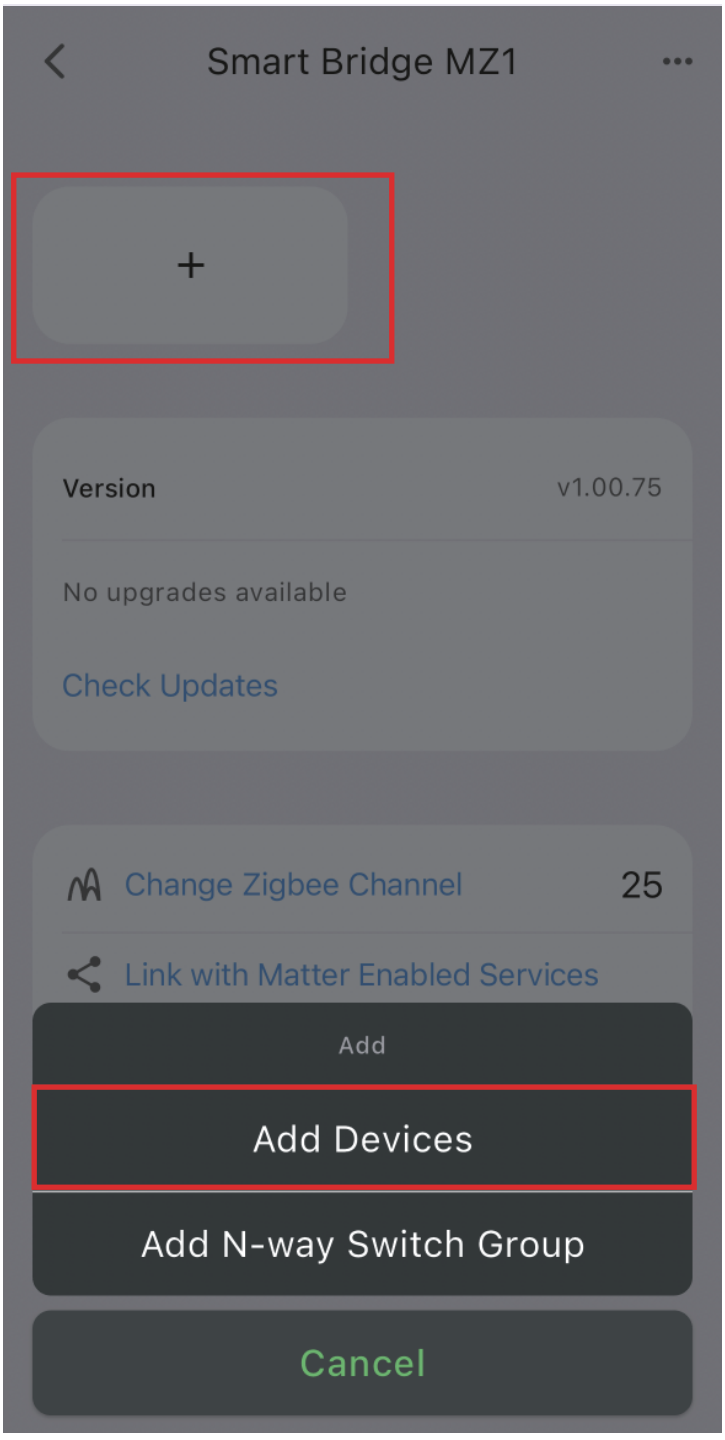
Device: Smart Bridge MZ1
App: 3R-Installer App
Functional compatibility level: Fully compatible

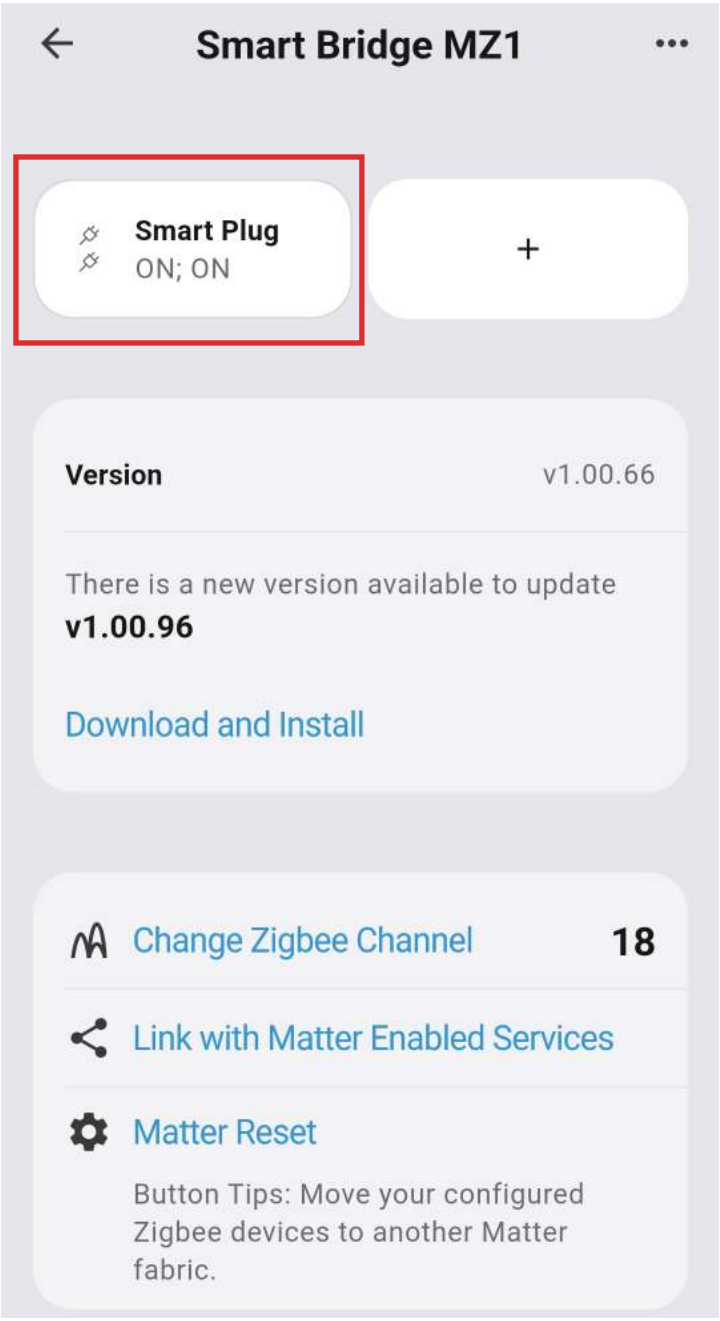


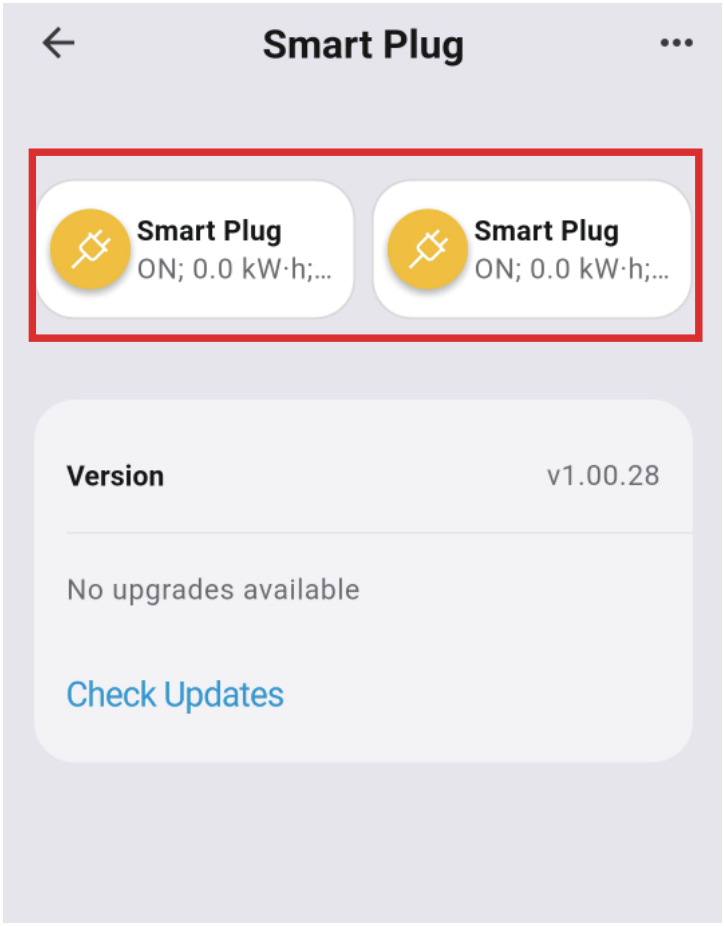
1. Check your Smart Bridge MZ1's firmware and 3R-Installer App for updates to ensure you have the latest versions before pairing.
2. Power on the Smart Plug, then press and hold the button for more than 10 seconds until the red LED light turns on. After that, release the button; the LED will flash rapidly in red. It exits pairing mode within 3 minutes if not successfully paired. To put the plug back into pairing mode.
3. Launch the 3R-Installer App, go to the bridge's detail page, and tap "+." Select "Add Devices," and then the Smart Dual Plug will be paired within seconds. You can view the power meter and total consumption on the device detail page.

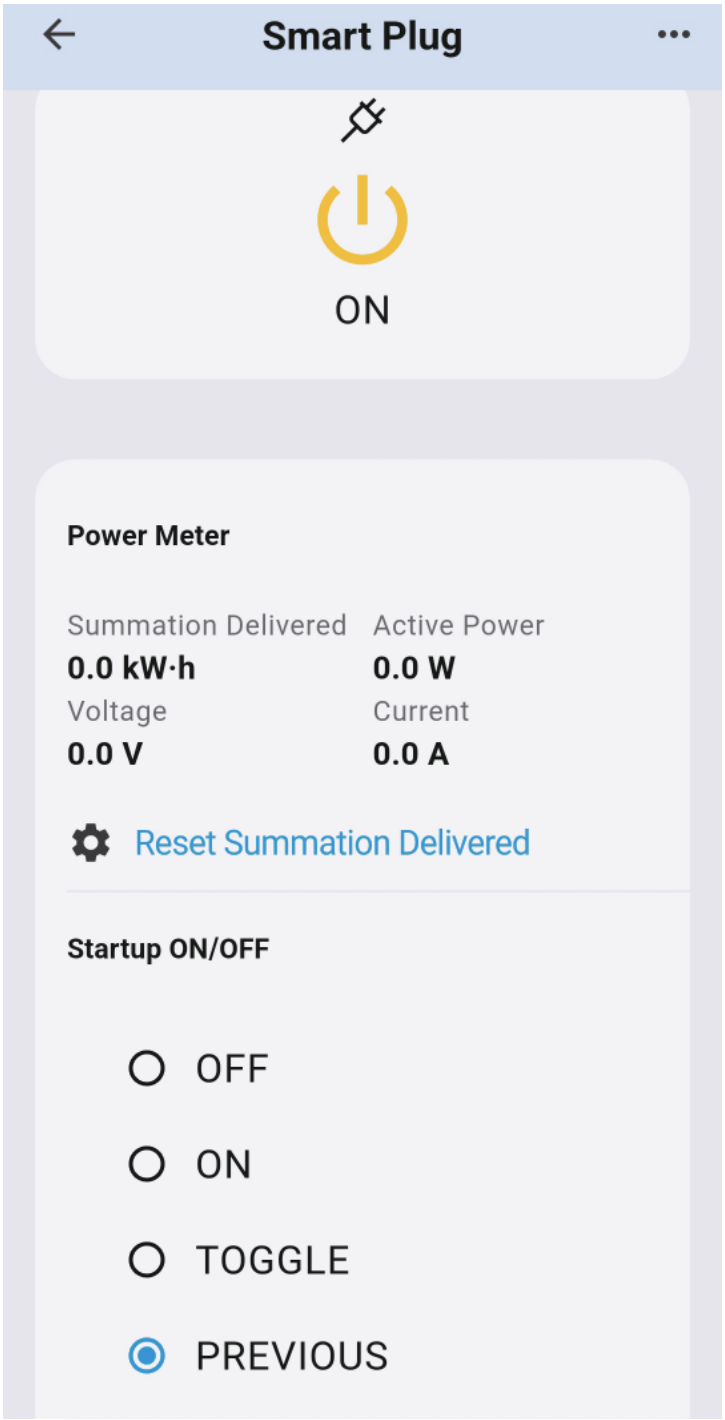

Device
Smart Bridge...
0 device


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
Smart Plug
ON; ON
Version
v1.00.66
There is a new version available to update
v1.00.96
Download and Install
Change Zigbee Channel
18
Link with Matter Enabled Services
Matter Reset
Button Tips: Move your configured Zigbee devices to another Matter fabric.


Smart Plug
Smart Plug
ON; 0.0 kW·h;...
Smart Plug
ON; 0.0 kW·h;...
Version
v1.00.28
No upgrades available
Check Updates

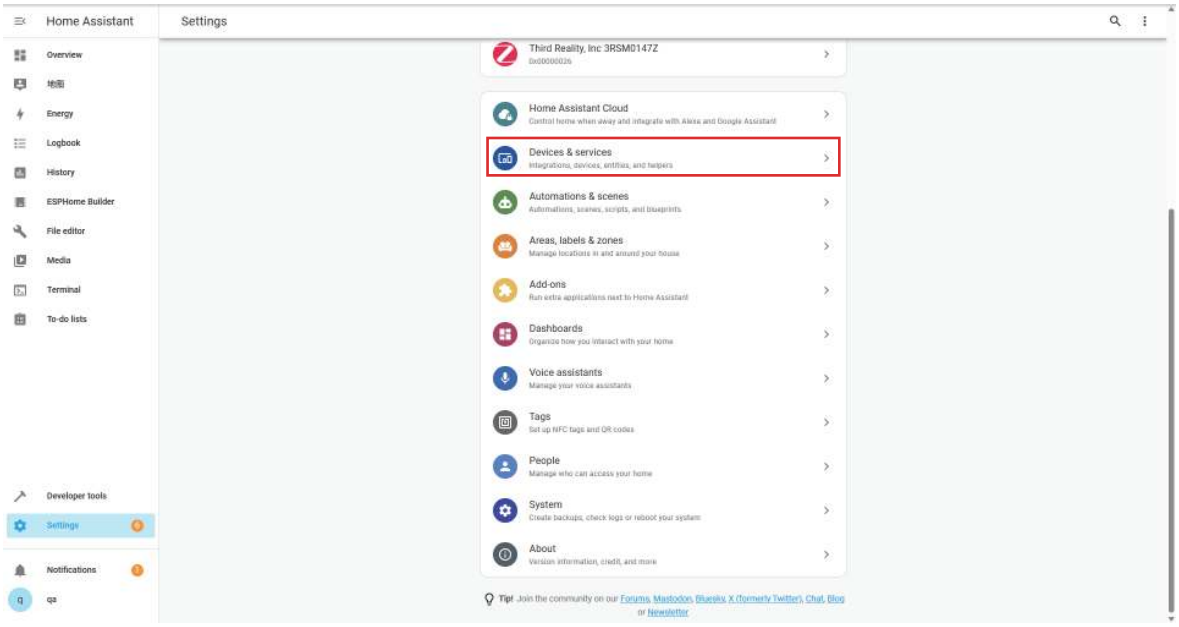

Smart Plug
ON
Power Meter
Summation Delivered
0.0 kW·h
Active Power
0.0 W
Voltage
0.0 V
Current
0.0 A
Reset Summation Delivered
Startup ON/OFF
OFF
ON
TOGGLE
PREVIOUS

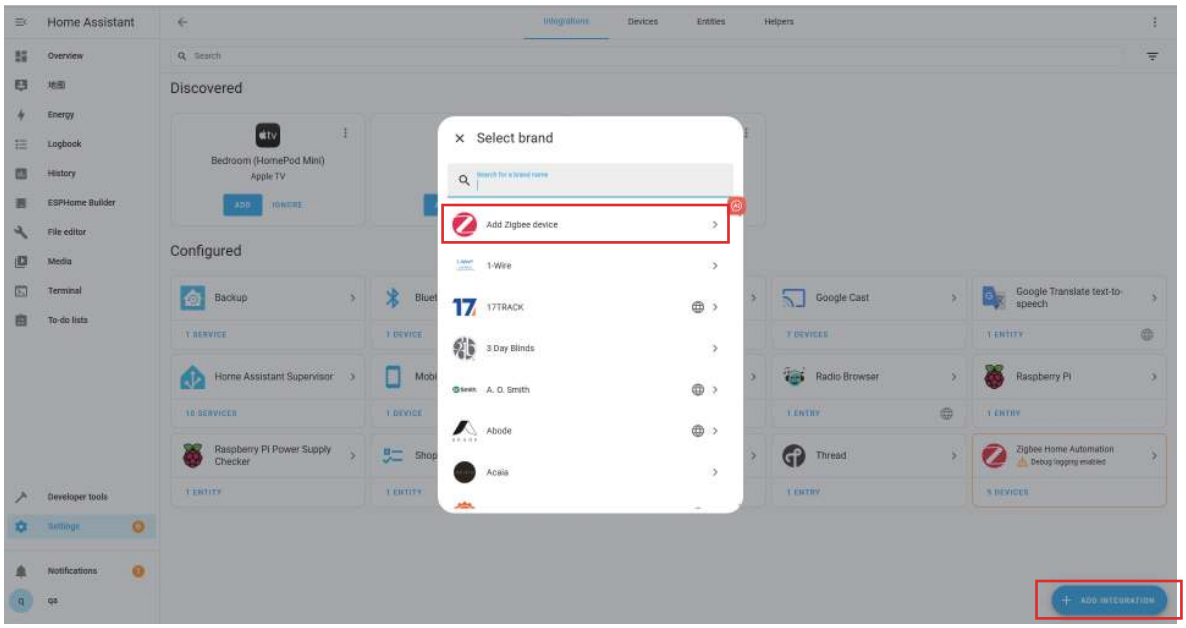
Setup with Home Assistant Via ZHA (Zigbee Home Assistant)

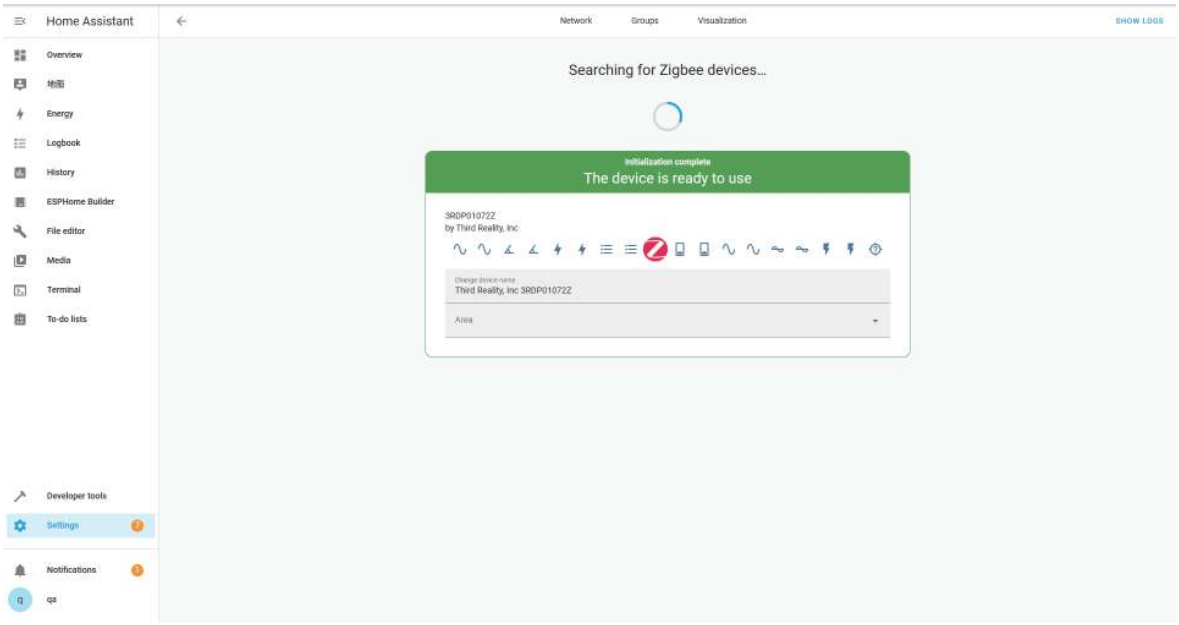
Functional compatibility level: Fully compatible

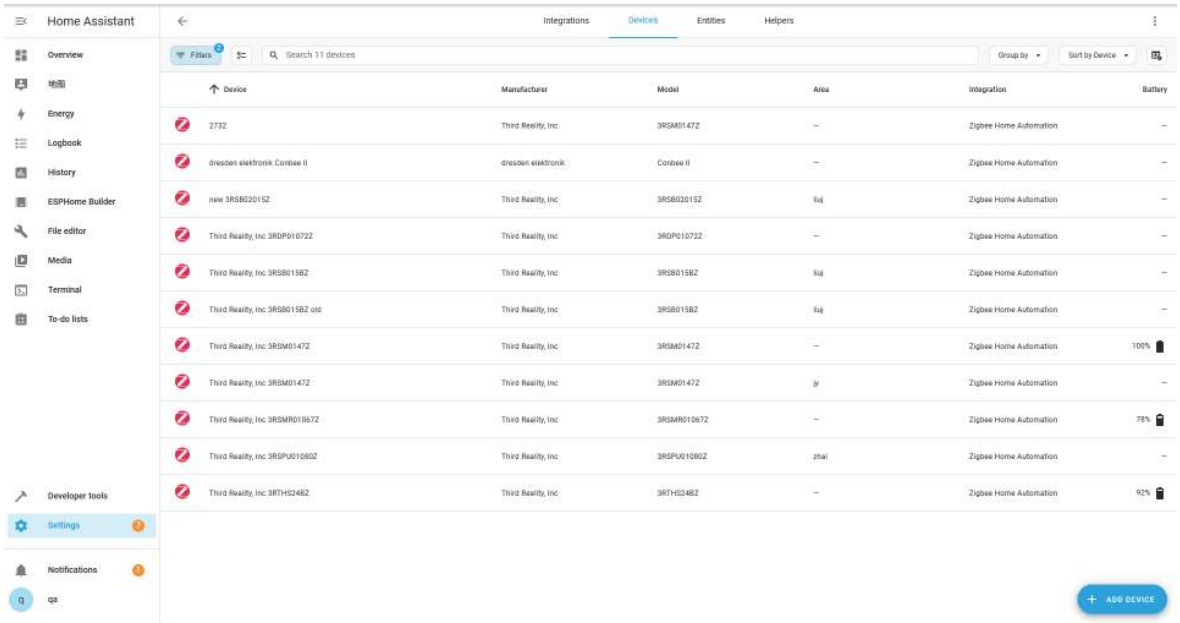


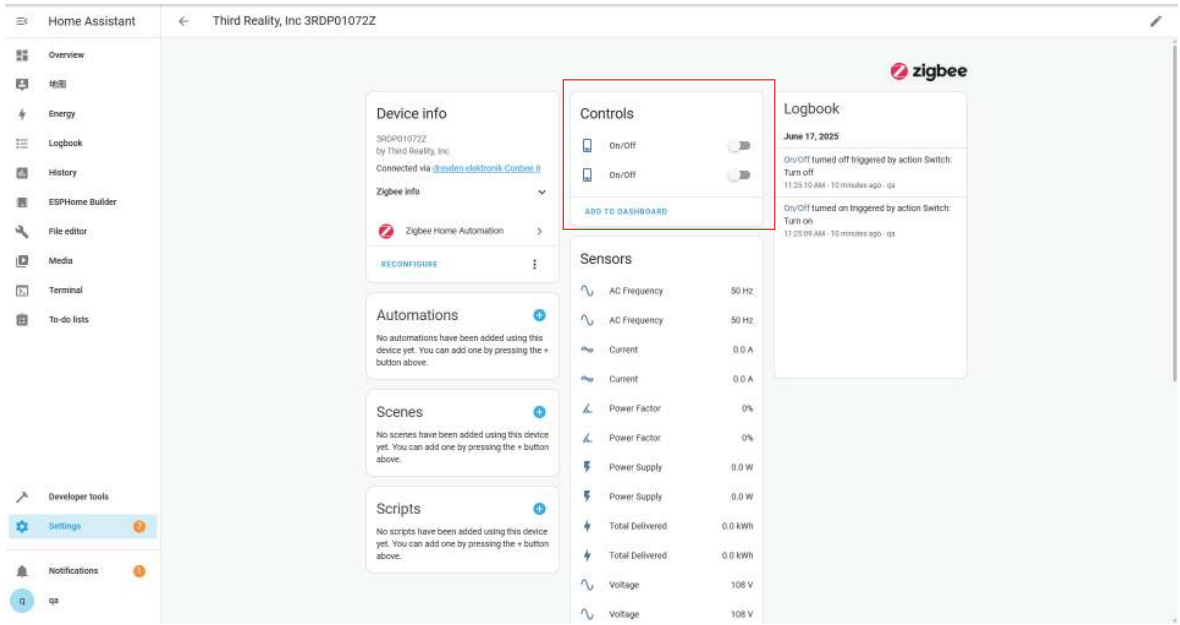
1. Power on the Smart Plug, then press and hold the button for more than 10 seconds until the red LED light turns on. After that, release the button; the LED will flash rapidly in red. It exits pairing mode within 3 minutes if not successfully paired. To put the plug back into pairing mode.
2. Ensure the Home Assistant integration "Zigbee Home Automation" is set up correctly. Then, navigate to the "Settings" page and click "Devices & Services."
3. Click the "Devices" on the top menu, then click "Add Devices" on the bottom right, and select "Add Zigbee Devices."
4. The Smart Dual Plug will be paired within seconds. You can view the power meter, total consumption, and other information on the device detail page.


Home Assistant
Settings
Overview
Energy
Logbook
History
ESPHome Builder
File editor
Media
Terminal
To-do lists
Developer tools
Settings
Notifications
Third Reality, Inc 3RSM0147Z
Home Assistant Cloud
Devices & services
Automations & scenes
Areas, labels & zones
Add-ons
Dashboards
Voice assistants
Tags
People
System
About


Home Assistant
Integrations
Devices
Entities
Helpers
Discovered
Bedroom (HomePod Mini)
Apple TV
Select brand
Add Zigbee device
1-Wire
17TRACK
3 Day Blinds
A. O. Smith
Abode
Acaia
Configured
Backup
Google Cast
Google Translate text-to-speech
Home Assistant Supervisor
Radio Browser
Raspberry Pi
Raspberry Pi Power Supply Checker
Thread
Zigbee Home Automation
ADD INTEGRATION


Home Assistant
Network
Groups
Visualization
SHOW LOGS
Searching for Zigbee devices...
Initialization complete
The device is ready to use
3RDP010722
by Third Reality, Inc
Third Reality, Inc 3RDP010722
Area


Home Assistant
Integrations
Devices
Entities
Helpers
Overview
Energy
Logbook
History
ESPHome Builder
File editor
Media
Terminal
To-do lists
Developer tools
Settings
Notifications
qa
Search 11 devices
Device
Manufacturer
Model
Area
Integration
Battery
ADD DEVICE

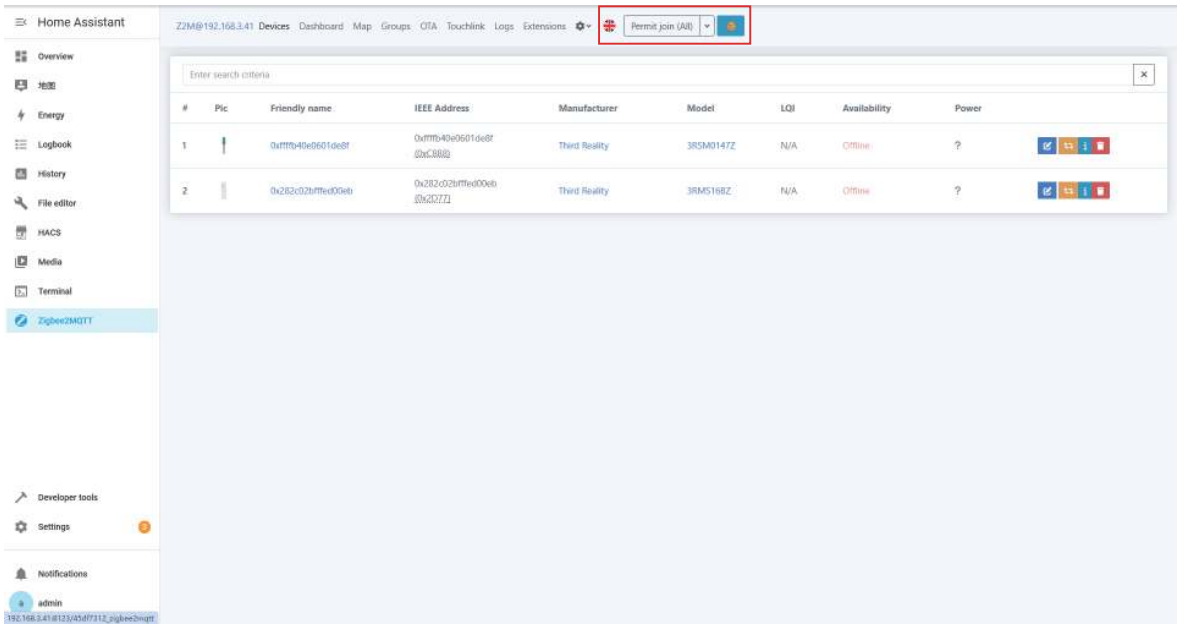

Home Assistant
Third Reality, Inc 3RDP01072Z
Overview
Energy
Logbook
History
ESPHome Builder
File editor
Media
Terminal
To-do lists
Developer tools
Settings
Notifications
qa
Device info
Connected via dresden elektronik Conbee II
Zigbee info
Zigbee Home Automation
RECONFIGURE
Automations
No automations have been added using this device yet. You can add one by pressing the + button above.
Scenes
No scenes have been added using this device yet. You can add one by pressing the + button above.
Scripts
No scripts have been added using this device yet. You can add one by pressing the + button above.
Controls
On/Off
On/Off
ADD TO DASHBOARD
Sensors
AC Frequency 50 Hz
AC Frequency 50 Hz
Current 0.0 A
Current 0.0 A
Power Factor 0%
Power Factor 0%
Power Supply 0.0 W
Power Supply 0.0 W
Total Delivered 0.0 kWh
Total Delivered 0.0 kWh
Voltage 108 V
Voltage 108 V
zigbee
Logbook
June 17, 2025

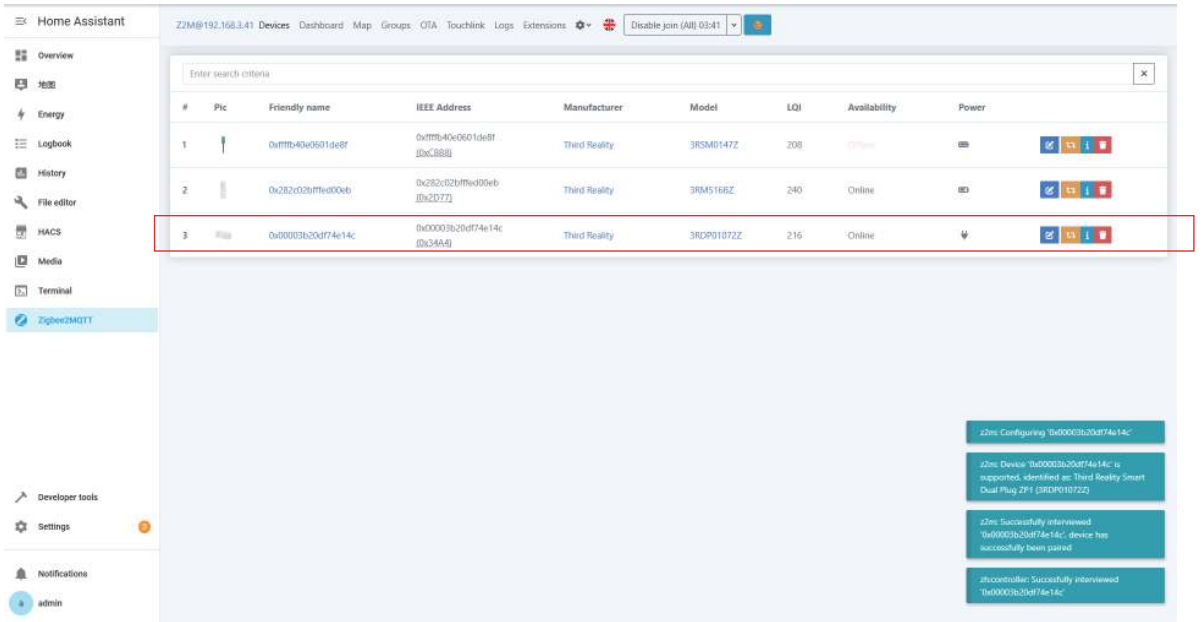
Setup with Home Assistant Via Z2M (Zigbee 2MQTT)

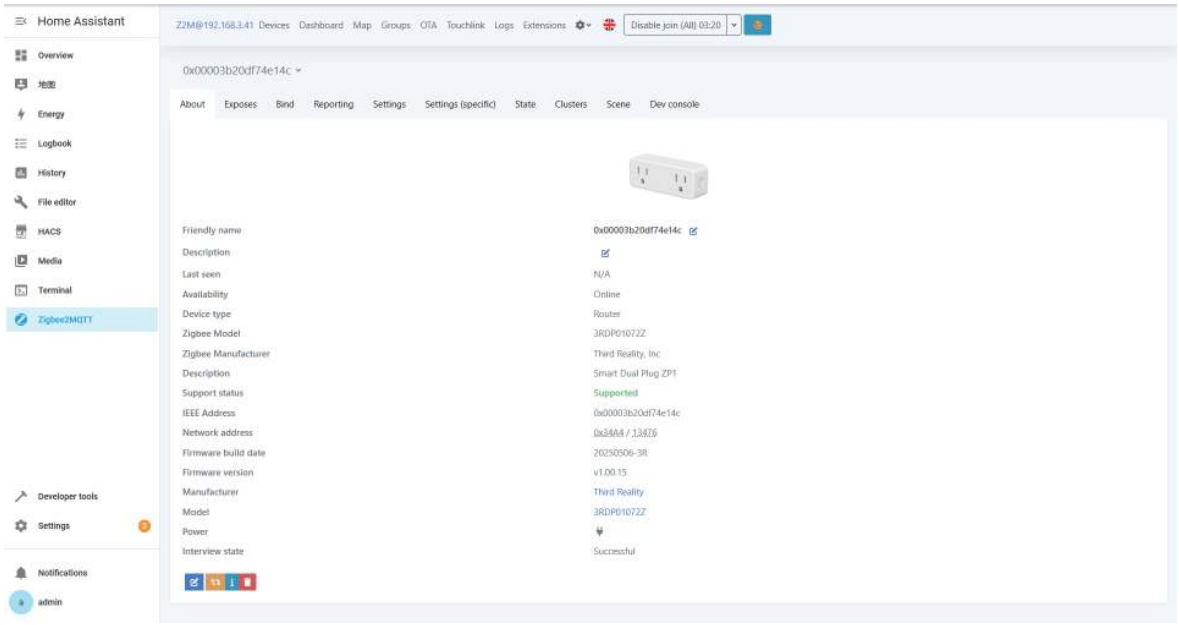
Functional compatibility level: Fully compatible

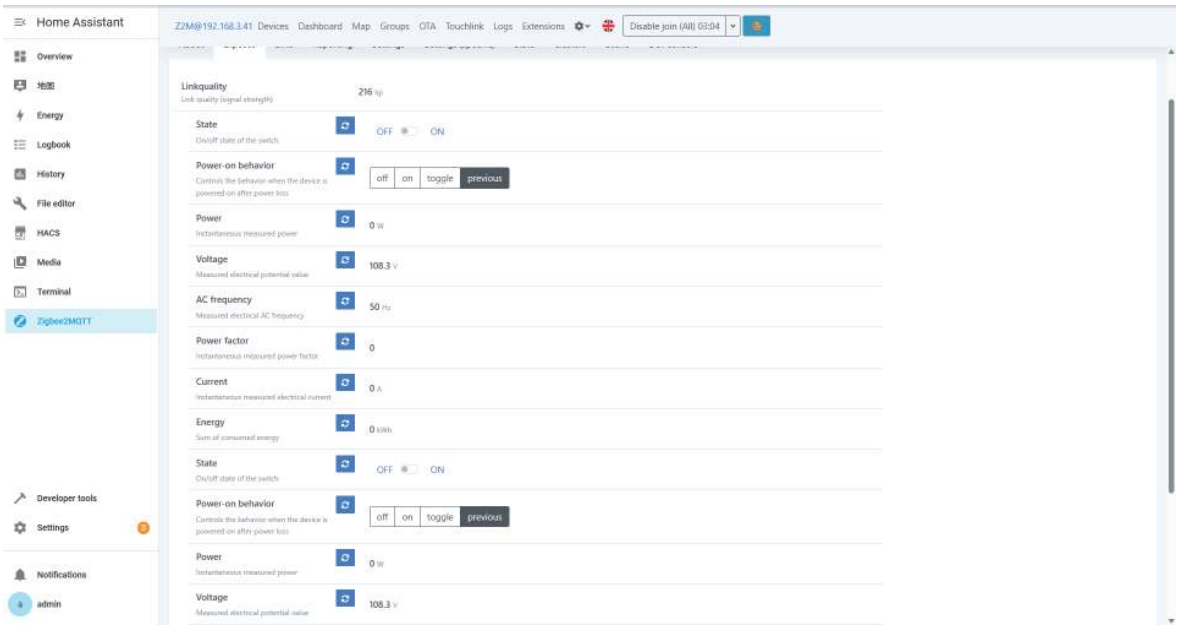


1. Power on the Smart Plug, then press and hold the button for more than 10 seconds until the red LED light turns on. After that, release the button; the LED will flash rapidly in red. It exits pairing mode within 3 minutes if not successfully paired. To put the plug back into pairing mode.
2. Click "Permit Join" in Zigbee2MQTT to add devices.
3. The Smart Dual Plug will be paired within seconds. You can view the power meter, total consumption, and other information on the device detail page.


Home Assistant
Z2M@192.168.3.41 Devices Dashboard Map Groups OTA Touchlink Logs Extensions
Permit join (All)
Enter search criteria
Pic Friendly name IEEE Address Manufacturer Model LQI Availability Power
1 0xffffb40e0601de8f (0xC888) Third Reality 3RSM0147Z N/A Offline ?
2 0x282c02bfffed00eb (0x2D77) Third Reality 3RMS16BZ N/A Offline ?
Overview
地图
Energy
Logbook
History
File editor
HACS
Media
Terminal
Zigbee2MQTT
Developer tools
Settings
Notifications
admin


Home Assistant
Z2M@192.168.3.41 Devices Dashboard Map Groups OTA Touchlink Logs Extensions
Disable join (All) 03:41
Enter search criteria
Pic Friendly name IEEE Address Manufacturer Model LQI Availability Power
1 0xffffb40e0601de8f (0xC888) Third Reality 3RSM0147Z 208
2 0x282c02bfffed00eb (0x2D77) Third Reality 3RMS16BZ 240 Online
3 0x00003b20df74e14c (0x34A4) Third Reality 3RDP01072Z 216 Online
z2m: Configuring '0x00003b20df74e14c'
z2m: Device '0x00003b20df74e14c' is supported, identified as: Third Reality Smart Dual Plug ZPT (3RDP01072Z)
z2m: Successfully interviewed '0x00003b20df74e14c', device has successfully been paired
zhcontroller: Successfully interviewed '0x00003b20df74e14c'
Developer tools
Settings
Notifications
admin


Home Assistant
Overview
Energy
Logbook
History
File editor
HACS
Media
Terminal
Zigbee2MQTT
Developer tools
Settings
Notifications
admin
Z2M@192.168.3.41 Devices Dashboard Map Groups OTA Touchlink Logs Extensions
Disable join (All) 03:20
0x00003b20df74e14c
About Exposes Bind Reporting Settings Settings (specific) State Clusters Scene Dev console
Friendly name 0x00003b20df74e14c
Description
Last seen N/A
Availability Online
Device type Router
Zigbee Model 3RDP01072Z
Zigbee Manufacturer Third Reality, Inc
Description Smart Dual Plug ZP1
Support status Supported
IEEE Address 0x00003b20df74e14c
Network address 0x34A4 / 13476
Firmware build date 20250506-3R
Firmware version v1.00.15
Manufacturer Third Reality
Model 3RDP01072Z
Power
Interview state Successful


Home Assistant
Overview
Energy
Logbook
History
File editor
HACS
Media
Terminal
Zigbee2MQTT
Developer tools
Settings
Notifications
admin
Z2M@192.168.3.41 Devices Dashboard Map Groups OTA Touchlink Logs Extensions
Disable join (All) 03:04
Linkquality 216 lqi
State OFF ON
Power-on behavior off on toggle previous
Power 0 W
Voltage 108.3 V
AC frequency 50 Hz
Power factor 0
Current 0 A
Energy 0 kWh
State OFF ON
Power-on behavior off on toggle previous
Power 0 W
Voltage 108.3 V

Troubleshooting

1. **Factory reset the Smart Dual Plug**
   Power on the Smart Plug, then press and hold the button for more than 10 seconds until the red LED light turns on. After that, release the button; the LED will flash rapidly in red.

2. **What happens to the Smart Dual Plug after a factory reset? Will both sockets be affected?**
   Yes. Performing a factory reset will reset both plugs at the same time. All settings will be restored to default, and any accumulated power consumption data will be cleared for both sockets. This operation cannot be undone.

ISED Caution

This device complies with Innovation, Science and Economic Development Canada (ISED) licence-exempt RSS standard(s). 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.

Cet appareil est conforme à la ou aux normes RSS exemptées de licence pour Innovation, Science et développement économique Canada. Le fonctionnement est soumis aux deux conditions suivantes: (1) ce dispositif ne peut pas causer d' interférence nocive, et (2) ce dispositif doit accepter toute interférence reçue, y compris les interférences pouvant causer un fonctionnement indésirable.

This equipment complies with ISED radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Cet équipement respecte les limites d' exposition aux rayonnements ionisants fixées pour un environnement non contrôlé. Cet équipement doit être installé et utilisé avec une distance minimale de 20cm entre le radiateur et votre corps. Cet émetteur ne doit pas être localisé ou fonctionner en conjonction avec une autre antenne ou un autre émetteur.

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.
(2) This device must accept any interference received, including interference that may cause undesired operation.
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.
NOTE: 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.
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.