

# my home automation journey

---

spending money vs spending time: why choose?

"no, you get up to turn off the lights"



## White Ambiance

A67 - Ampoule connectée  
E27 - 1600

- ✓ jusqu'à 1521 lumens\*
- ✓ Lumière blanche froide à chaude
- ✓ Contrôle instantané via Bluetooth
- ✓ Ajoutez un Hue Bridge pour débloquer plus de fonctionnalités



54,99 €





## Hue White and Color Ambiance

Lampe à poser Iris

- ✓ LED intégrée
- ✓ Contrôle instantané via Bluetooth
- ✓ Contrôle avec l'application ou la voix\*
- ✓ Ajoutez un pont Hue Bridge pour débloquer plus de fonctionnalités

**109,99 €**

Presque épuisé





self-directed research 

**1998** zigbee conceived

**2003** zigbee standardized

**2006** zigbee revised

**2004** bluetooth low-end exts

**2006** wibree

**2009-2010** bluetooth 4.0 LE

**2011** iPhone 4S

why **bluetooth**?

**2004** bluetooth low-end exts

**2006** wibree

**2009-2010** bluetooth 4.0 LE

**2011** iPhone 4S

**2014** bluetooth mesh conceived

**2017** bluetooth mesh adopted



MESH

Qualified Bluetooth Mesh Products

Home ▾

Mesh ▾

Qualified Bluetooth Me...

## Products embracing the next era of Bluetooth technology.

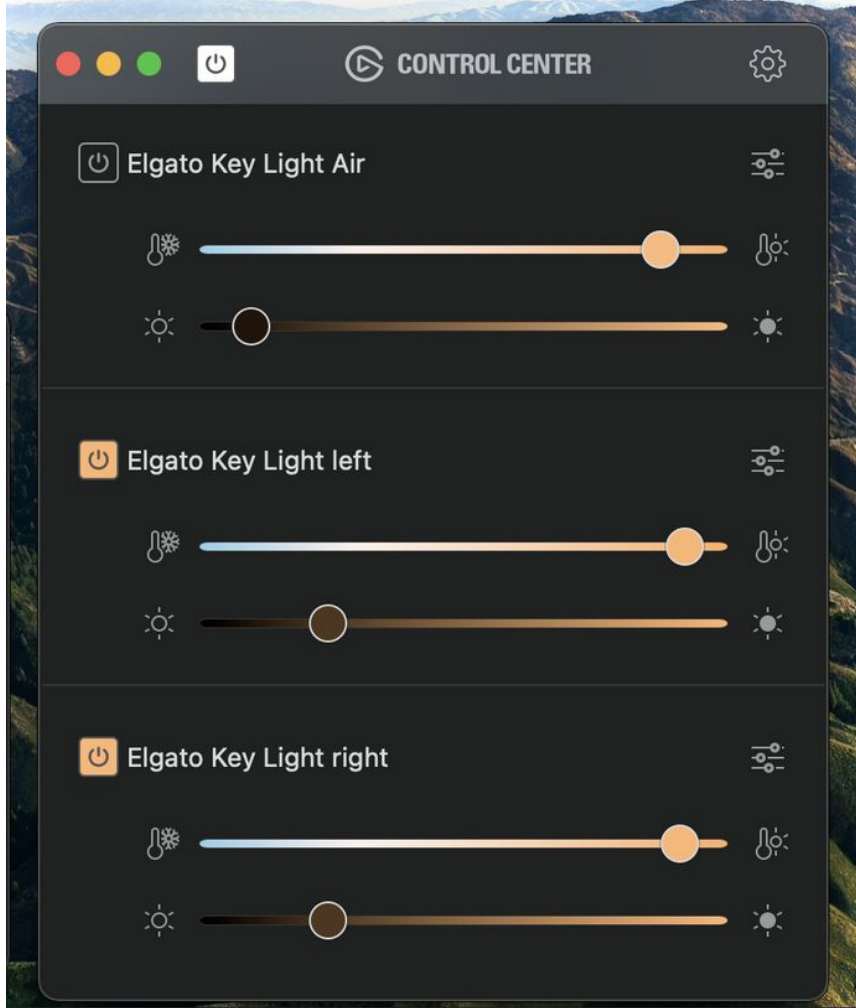
The table below includes products with *Bluetooth*® mesh networking capability and have successfully completed the Bluetooth Qualification Process.

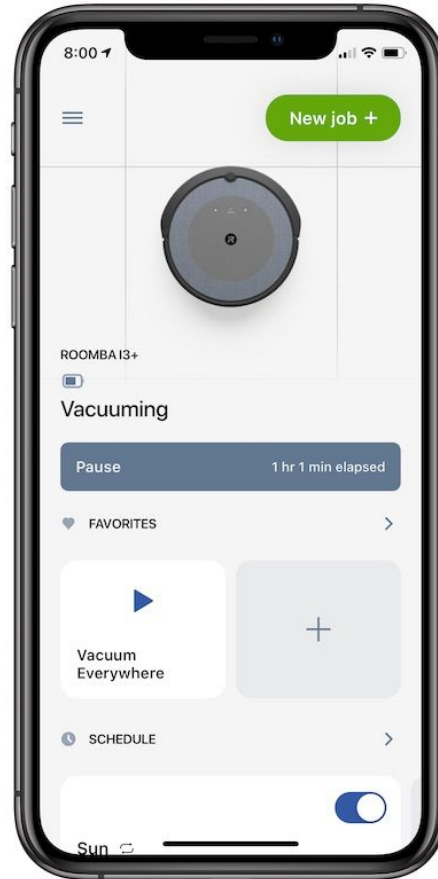
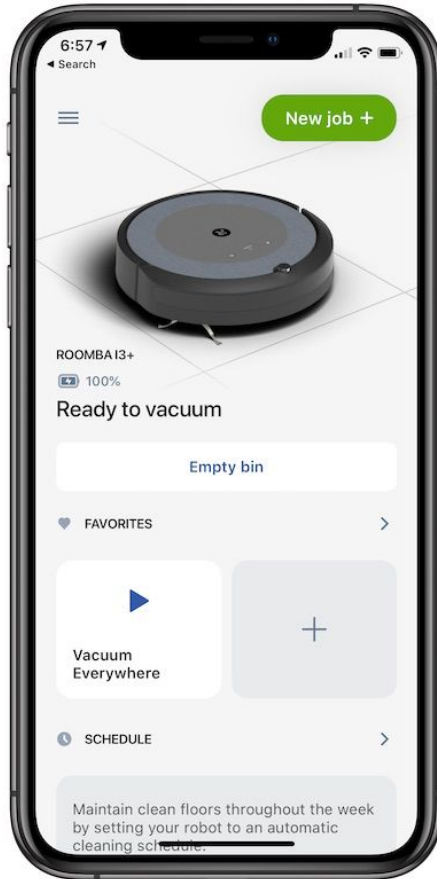
By completing the Bluetooth Qualification Process, these products have undergone testing to show they have met all the Bluetooth qualification requirements and are compliant with the published [Bluetooth mesh networking specifications](#).

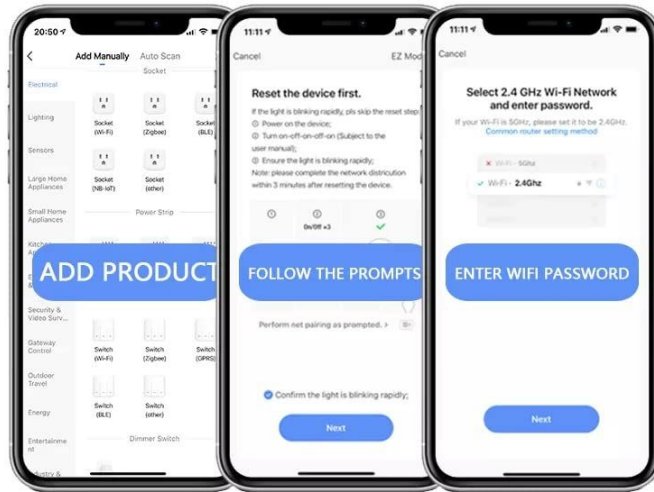
To learn more about qualifying your product for Bluetooth mesh, take a look at the [Bluetooth Qualification Process](#).

wpDataTable with provided ID not found!

what about **wi-fi**?





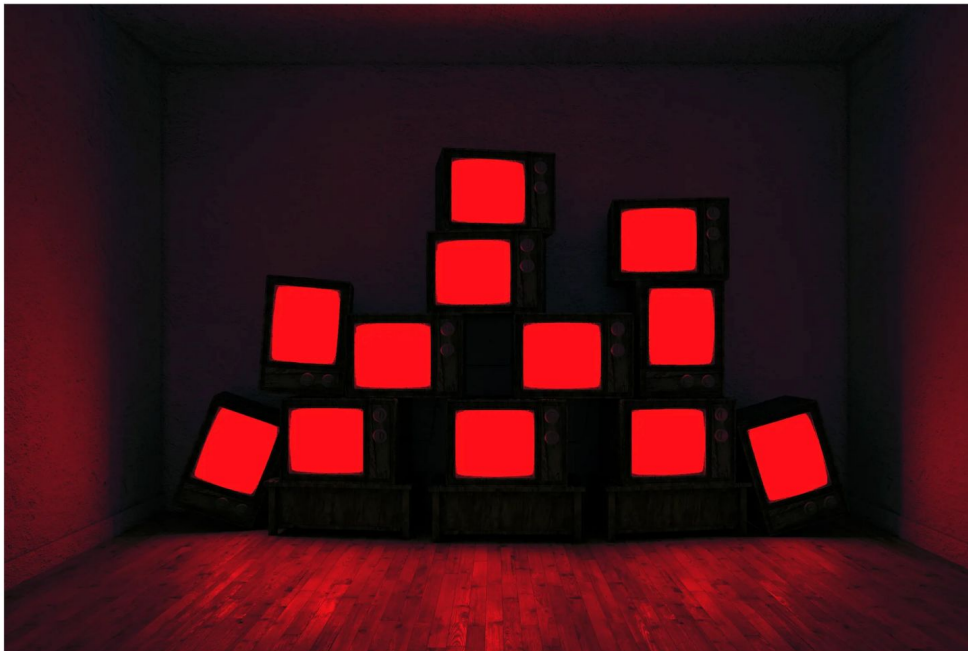


`/r/internetofshit`

MATT BURGESS SECURITY OCT 4, 2023 6:00 AM

# Your Cheap Android TV Streaming Box May Have a Dangerous Backdoor

New research has found that some streaming devices and dozens of Android and iOS apps are secretly being used for fraud and other cybercrime.




PHOTOGRAPH: GREMLIN/GETTY IMAGES

## Millions of hacked toothbrushes could be used in cyber attack, researchers warn

Story by Anthony Cuthbertson • 9mo •  2 min read



 smart toothbrush hack.jpg  
© iStock/ Getty Images



SMART HOME / TECH / SECURITY

# Wyze says camera breach let 13,000 customers briefly see into other people's homes



Image: Wyze

/ The security issue is being blamed on “a third-party caching library,” but the company acknowledges that it let customers down.

By [Andrew J. Hawkins](#), transportation editor with 10+ years of experience who covers EVs, public transportation, and aviation. His work has appeared in The New York Daily News and City & State.

Feb 19, 2024 at 3:26 PM GMT+1



|  46 Comments (46 New)



tomorrow  
belongs to those who embrace it  
today



trending

tech

innovation

business

security

advice

buying guides

/ tech

Home / Tech / Security

# FBI recommends that you keep your IoT devices on a separate network

The FBI also recommends changing factory-set (default) passwords and not allowing an IoT device's accompanying mobile app to gain access to too many smartphone permissions.



Written by **Catalin Cimpanu**, Contributor

Dec. 5, 2019 at 7:34 p.m. PT

other downsides of **wi-fi**

**2003** zigbee

**2012** bluetooth 4.0 LE

**2014** 802.11af

**2016** bluetooth 5

**2017** 802.11ah

**2019** thread (google nest)

**2024** bluetooth 6

**matter** (over **thread**) is the future  
but **zigbee** is the present



Home app

# The foundation for a smarter home.





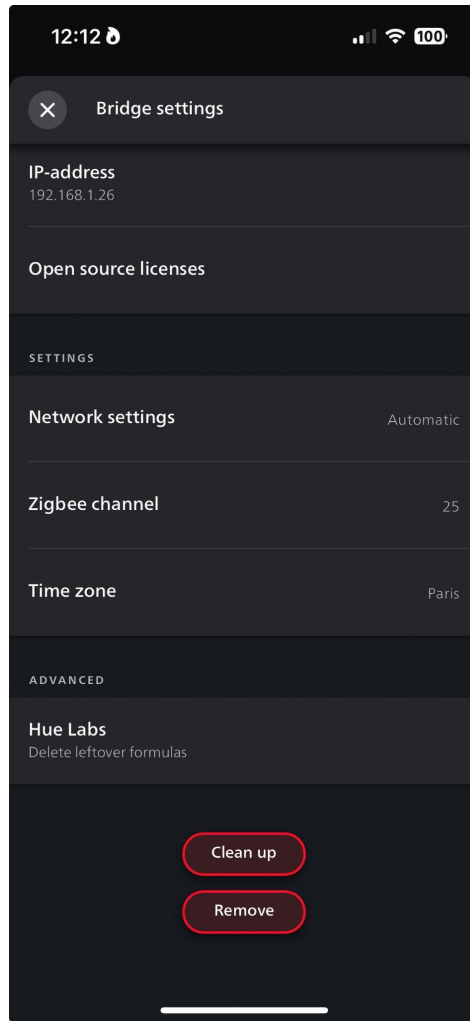
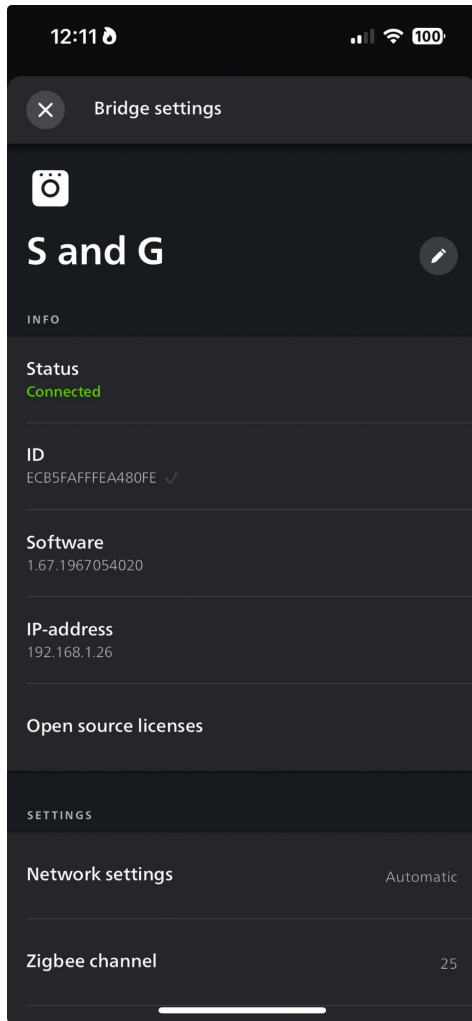
Hue


Hue Bridge

- ✓ Installation simple
- ✓ Contrôle intelligent
- ✓ Ajoutez jusqu'à 50 lampes
- ✓ Commande vocale

59,99 €





self-directed research 

IP-address  
192.168.1.26

Zigbee channel 25





## ACTIVE HOME HUB



## Living Room brick

Home hubs allow you to control and automate accessories in your home remotely. Any Apple TV (4th generation or later) or HomePod in your home can act as a home hub.



S and G



Room

Default Room

Accessories

13 &gt;

## MANUFACTURER



Philips Hue  
Signify Netherlands B.V.  
★★★★★  
FREE

View

Manufacturer

Signify Netherlands B.V.

Serial Number

Model

BSB002

Firmware

1.67.1967054020

```
> sudo arp-scan --oui-file ~/arp-scan/ieee-oui.csv
```

Selected interface en0 with IP 192.168.1.156/24  
Estimated scan time 5s (10752 bytes, 3230 bytes/s)  
Sending 256 ARP requests (waiting at least 2000ms, 10ms request interval)


IPv4	MAC	Hostname	Vendor
192.168.1.22	2c:cf:67:4e:42:58		Raspberry Pi (Trading) Ltd
192.168.1.25	20:28:bc:83:c4:e4		Visionscape Co,. Ltd.
192.168.1.26	ec:b5:fa:a4:80:fe		Philips Lighting BV
192.168.1.35	26:56:10:49:4c:f1		
192.168.1.45	b0:10:41:49:0a:c3		Hon Hai Precision Ind. Co.,Ltd.
192.168.1.68	c0:95:6d:6b:73:88		Apple, Inc.
192.168.1.72	50:14:79:09:8b:63		iRobot Corporation
192.168.1.92	48:e1:5c:70:17:87		Apple, Inc.
192.168.1.95	38:07:16:b0:9e:6d		FREEBOX SAS
192.168.1.118	2a:98:7b:9b:cf:b0		
192.168.1.120	92:26:7a:b1:7d:8d		
192.168.1.156	a4:fc:14:35:d4:cf		Apple, Inc.
192.168.1.157	44:73:d6:1e:5a:cc		Logitech
192.168.1.254	38:07:16:c2:bc:19		FREEBOX SAS

ARP scan finished, 14 hosts found in 5.491 seconds  
400 packets received, 272 ARP packets filtered



???




 Homebridge

Status

Plugins

Config


Accessories




164-55-182

Scan to add to HomeKit.


Homebridge

 Status

Running

 v1.7.0

Up to Date

 Plugins

Up to Date

Homebridge Logs

```
[11/22/2023, 4:51:57 AM] [Meross] Initializing Meross platform...
[11/22/2023, 4:51:57 AM] [Meross] Initializing child bridge 0E:DC:54:48:29:94
[11/22/2023, 4:51:57 AM] [Tasmota] Initializing Tasmota platform...
[11/22/2023, 4:51:57 AM] [Tasmota] Initializing child bridge 0E:91:C1:E6:C1:09
[11/22/2023, 4:51:57 AM] [Govee] Initializing Govee platform...
[11/22/2023, 4:51:57 AM] [Govee] Initializing child bridge 0E:5F:PD:D5:6A:B4
[11/22/2023, 4:51:57 AM] [August] Initializing August platform...
[11/22/2023, 4:51:57 AM] [August] Initializing child bridge 0E:F3:5A:E8:E9:38
[11/22/2023, 4:51:57 AM] [Ring] Initializing Ring platform...
[11/22/2023, 4:51:57 AM] [Ring] Initializing child bridge 0E:5F:A3:65:C1:CD
[11/22/2023, 4:51:57 AM] [NGBSiCONThermostat] Initializing NGBSiCONThermostat platform...
Setup Payload:
X-HM://0023QQ8ZYIXMS
Enter this code with your HomeKit app on your iOS device to pair with Homebridge:

164-55-182

[11/22/2023, 4:51:57 AM] Homebridge v1.7.0 (HAP v0.11.1) (Homebridge ADD0) is running on port 51698.
[11/22/2023, 4:51:58 AM] [Resideo] Launched child bridge with PID 13048
[11/22/2023, 4:51:58 AM] [Wemo] Launched child bridge with PID 13077
[11/22/2023, 4:51:58 AM] [eWeLink] Launched child bridge with PID 13058
[11/22/2023, 4:51:58 AM] [NoIP] Launched child bridge with PID 13047
[11/22/2023, 4:51:58 AM] [Alexa] Launched child bridge with PID 13049
[11/22/2023, 4:51:58 AM] [Ring] Launched child bridge with PID 13107
[11/22/2023, 4:51:58 AM] [August] Launched child bridge with PID 13100
[11/22/2023, 4:51:58 AM] [Meross] Launched child bridge with PID 13087
[11/22/2023, 4:51:58 AM] [Tasmota] Launched child bridge with PID 13098
[11/22/2023, 4:51:58 AM] [Govee] Launched child bridge with PID 13099
```

CPU

4%  
Load

Uptime

7d  
Server

1m  
Process

Memory

4.8 GB  
Total

2.49 GB  
Available

Network Activity (eth0)

0 Mb/s  
Received

0 Mb/s  
Sent

System Information

OS

Ubuntu Jammy Jellyfish (22.04.3 LTS)

IPv4 (eth0)

192.168.215.7

IPv6 (eth0)

fd07:b51a:cc66:1:0:242:c0a8:d707

Hostname

f61d0a1bfd10

User

root

Node.js Version

v20.9.0

Node.js Path

/opt/homebridge/bin

Storage Path

/var/lib/homebr

Config Path

/var/lib/h


Plugin Path


/


Timezone


Docker


Scanned





 Resideo

 Alexa

 eWeLink

 Wemo

 Meross

 Tasmota

© 2023 Homebridge. homebridge-config-ui-x v4.52.3 - originally created by oznu.

# Raspberry Pi Zero 2 W, WH

€19.90 (Price Tax included)

Print   

 Product available with different options

- 1 GHz quad-core ARM Cortex-A53 CPU - 64-bit with 512MB of RAM (LPDDR2)
- 40% more powerful in single-thread and 5 times more powerful in multi-thread than Raspberry Pi Zero
- Identical form factor to the 1st generation Raspberry Pi Zero and compatible with most v.1 accessories
- Wi-Fi; Bluetooth 4.2; Mini-HDMI port, Micro-USB, CSI-2; Micro-SD slot, 40-pin GPIO; ...

Version: Wi-Fi

Wi-Fi

WH

Quantity - 1 +

Reference : PIZERO2

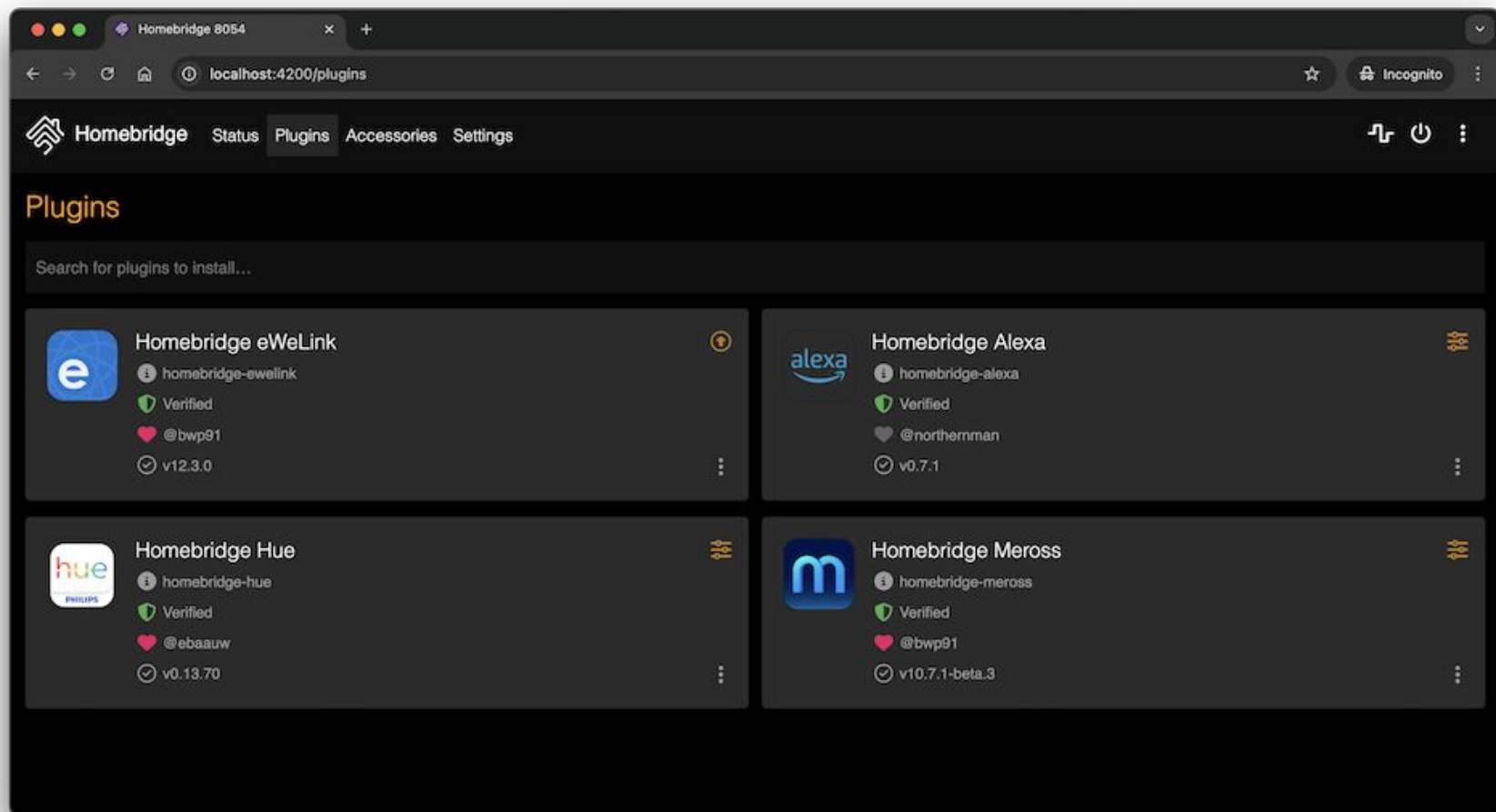






Out of stock



You can't find your Raspberry Pi Zero? Ask about it!





 README  MIT license  

# Homebridge Key Lights

This is yet another Homebridge plugin for the Elgato Key Light, Key Light Air and Ring Light. It allows you to control your Elgato lights with HomeKit while avoiding some of the issues other plugins have.

homebridge verified







## Features

- Switch your Key Lights on and off, set brightness and colour temperature
- State of the lights is regularly polled so HomeKit always has the correct data
- Correct minimum and maximum values configured for colour temperature
- All settings configurable via config file, even those not available in the Elgato Control App

Languages





 README  Code of conduct  MIT license  Security  

# Homebridge-Roomba2

npm

v1.4.0

downloads

6.7K

homebridge

verified

## Features

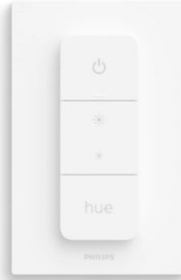
- Roomba start on demand
- Roomba stop and dock on demand
- Roomba charging status
- Roomba battery level (with low battery warning)
- Roomba docked notification
- Roomba running notification
- Roomba bin full notification
- Find Roomba (Identify Function, supported in 3rd Party HomeKit apps)

The homebridge-roomba2 plugin polls Roomba for its status when requested by HomeKit, so when you first open the Home app you may see an old status, or no status, until Roomba has had time to respond (which may take a few seconds).

Languages







#### Hue

Hue Dimmer switch (modèle le plus récent)

- ✓ Installation sans fil
- ✓ Alimenté par batterie
- ✓ Accès facile aux scénarios de lumière
- ✓ S'utilise comme une télécommande

21,99 €



#### Hue

Prise intelligente

- ✓ Ajoutez n'importe quelle lampe à votre système Hue
- ✓ Contrôle instantané via Bluetooth
- ✓ Contrôle avec l'application ou la voix\*
- ✓ Ajoutez un pont Hue Bridge pour débloquer plus de fonctionnalités

34,99 €



#### Hue

Bouton connecté

- ✓ Contrôlez l'éclairage en un clic
- ✓ Ajustez la lumière en fonction du moment de la journée
- ✓ Fonctionnalité personnalisée
- ✓ Montage flexible et sans fil

21,99 €





Photo by Thomas Ricker / The Verge

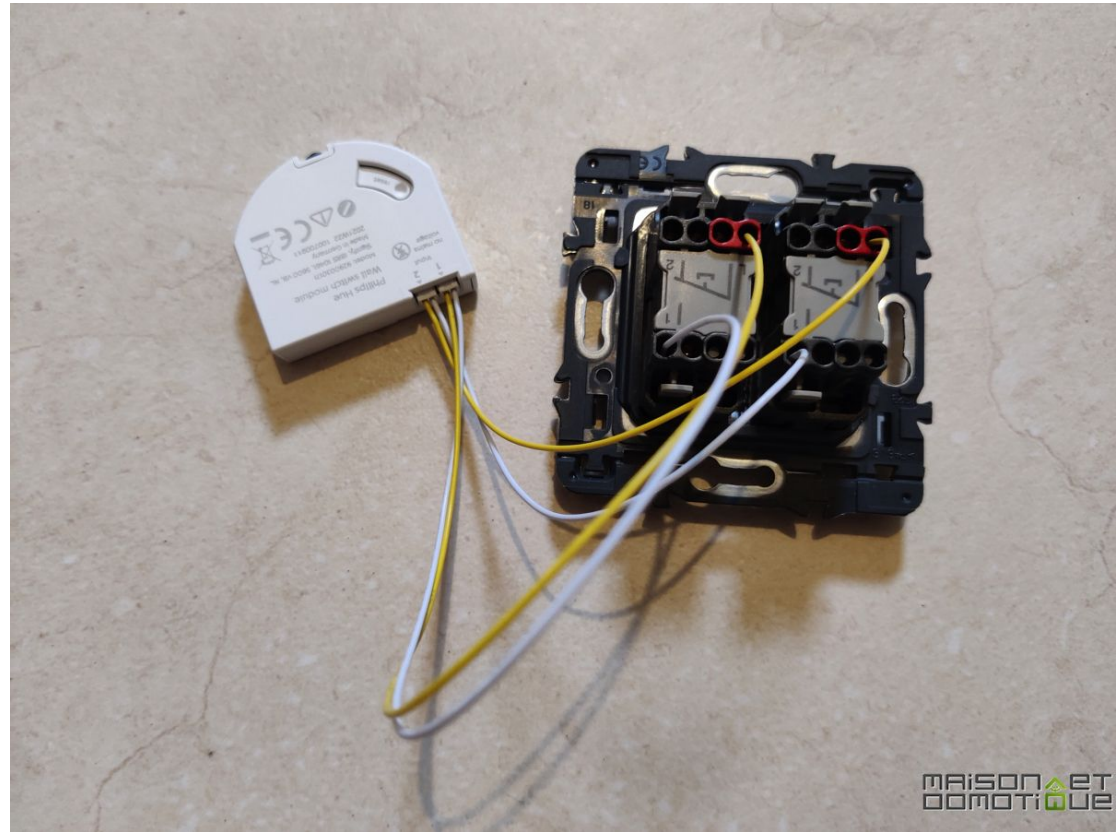


## Hue

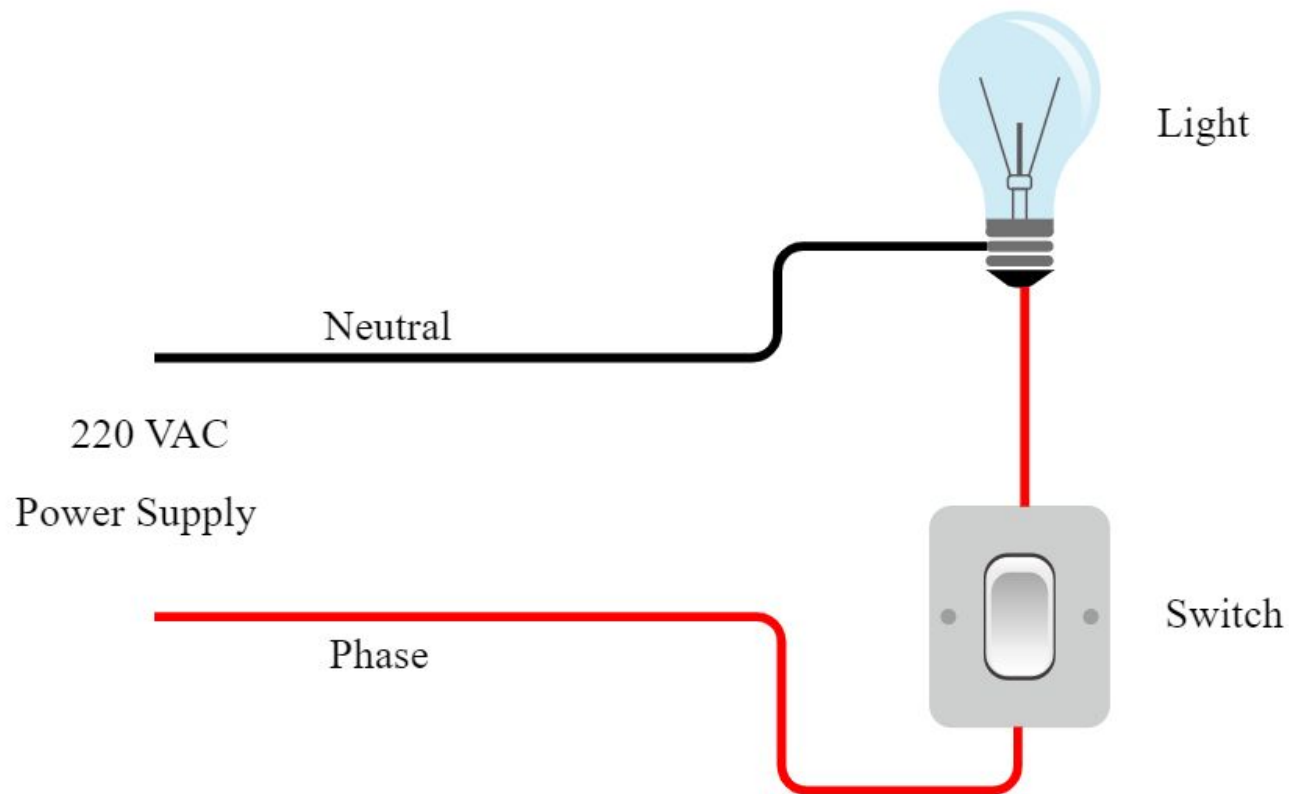
### Module d'interrupteur mural Philips Hue

- ✓ S'installe derrière l'interrupteur existant
- ✓ Sélection de scènes personnalisées
- ✓ Contrôlez vos lampes Hue avec l'interrupteur existant

44,99 €



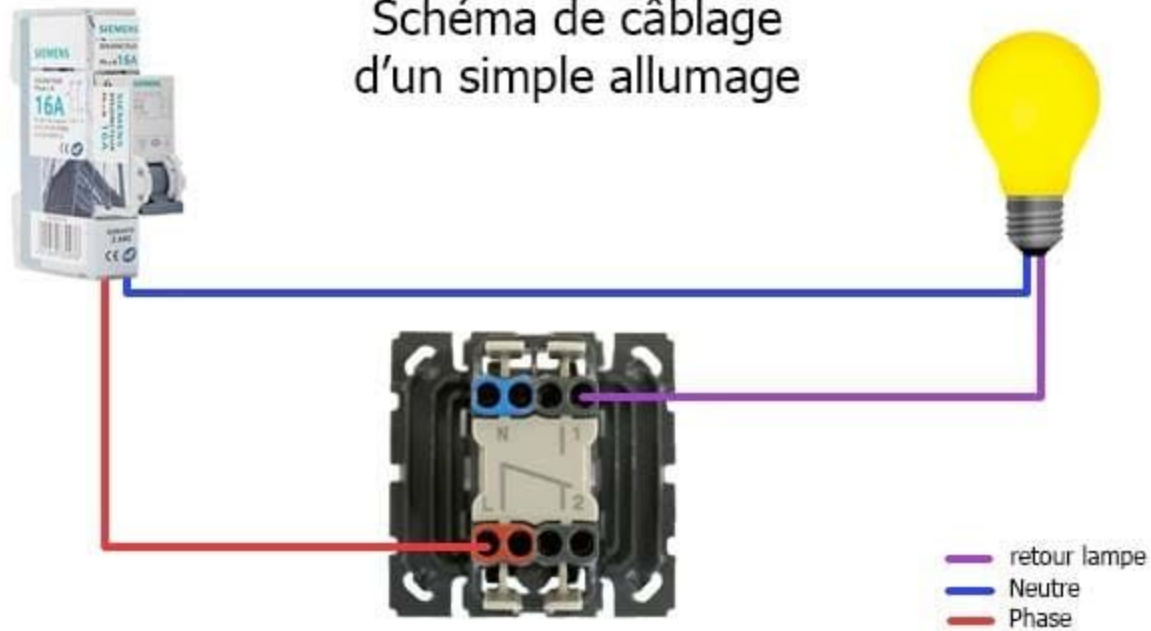
<https://www.maison-et-domotique.com/131005-test-module-interrupteur-mural-hue-micromodule-sans-fil/>



Light Switch Wiring Diagram



## Schéma de câblage d'un simple allumage



**Before**



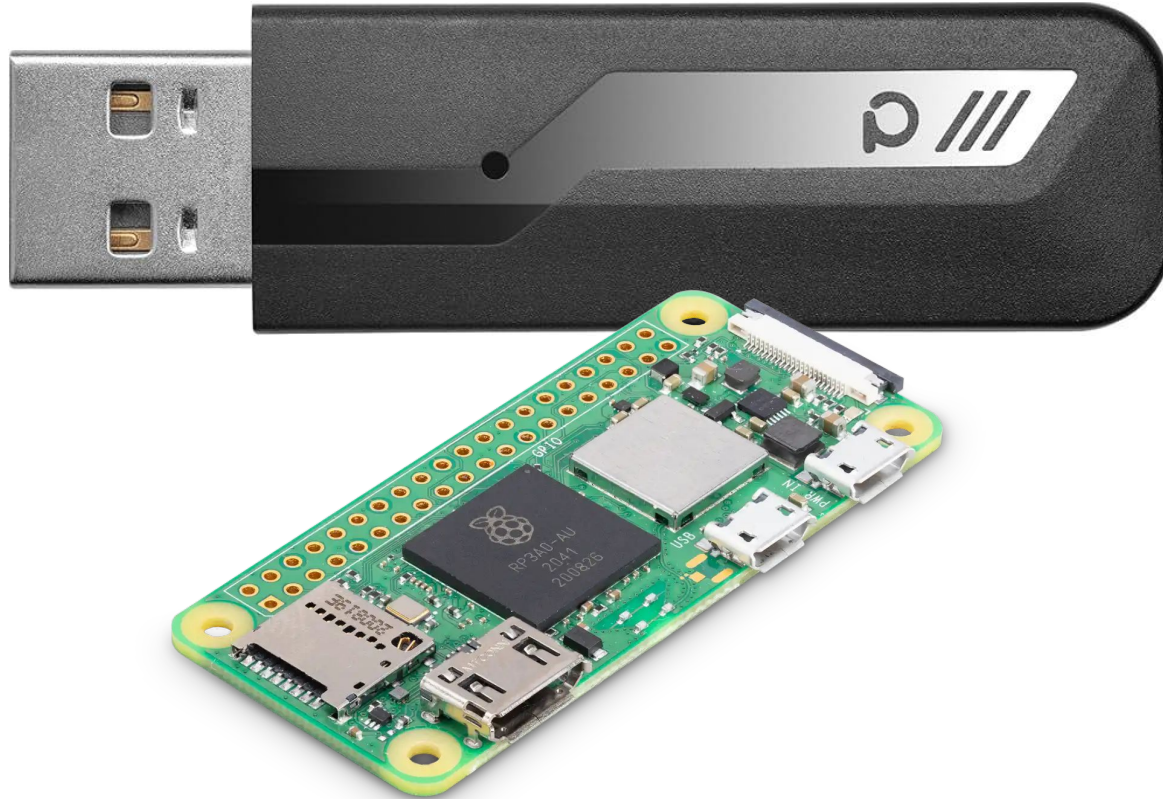
**After**

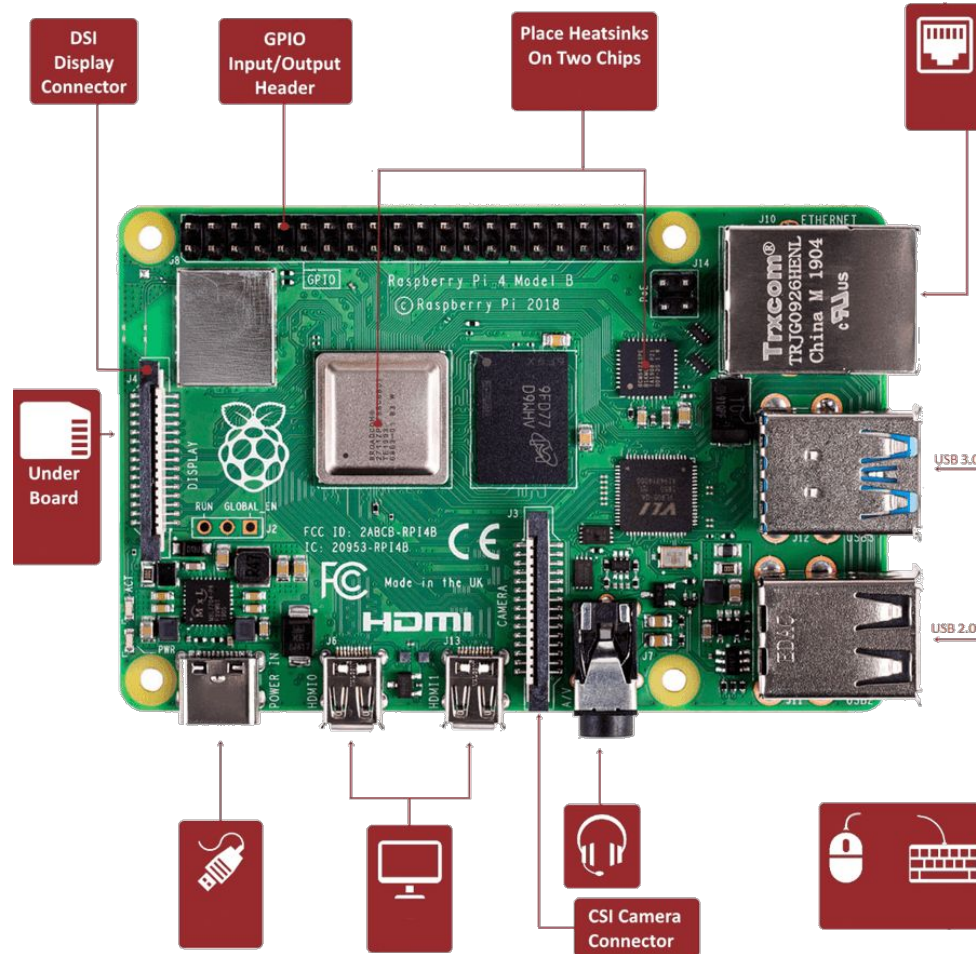


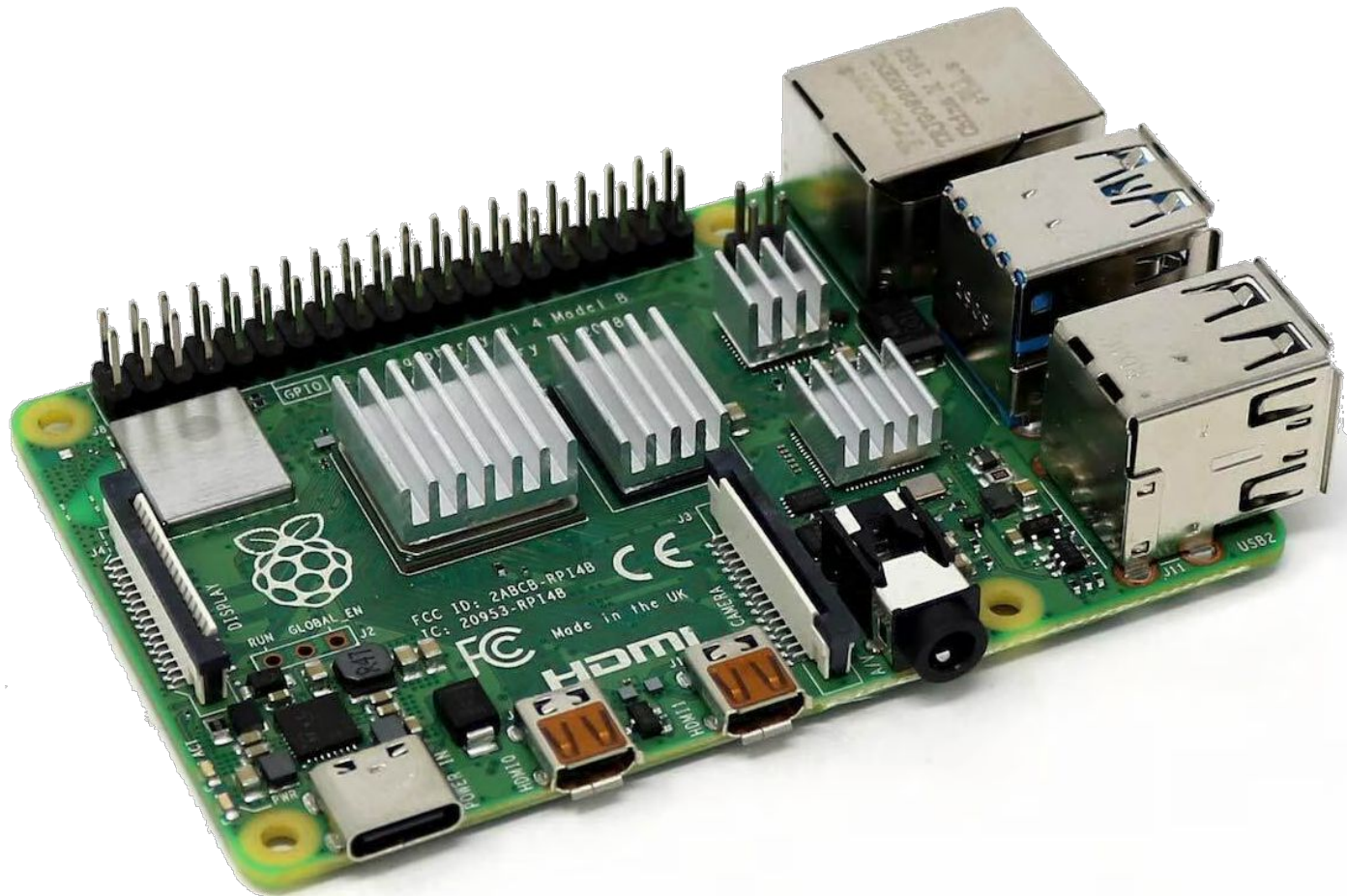




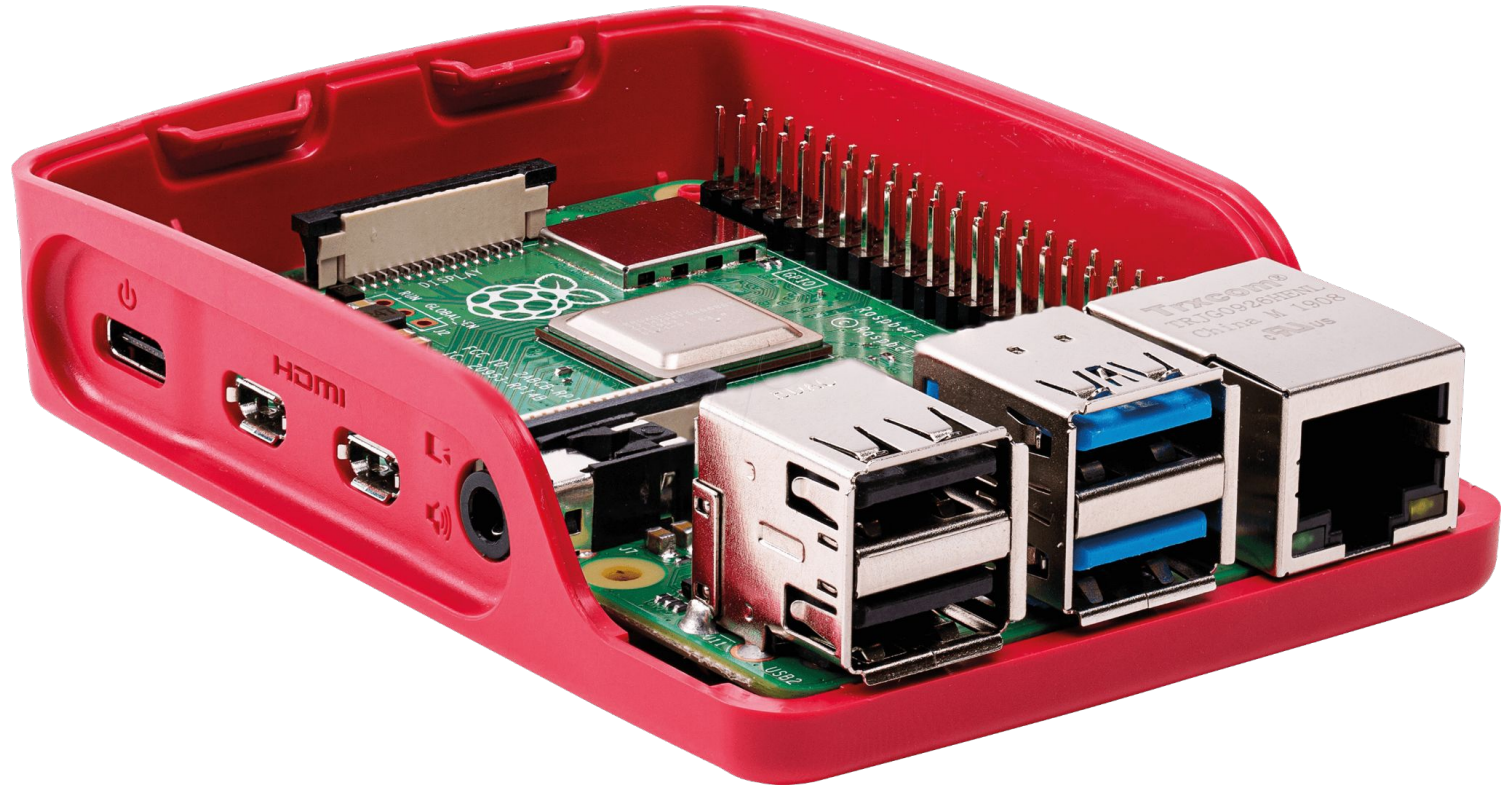




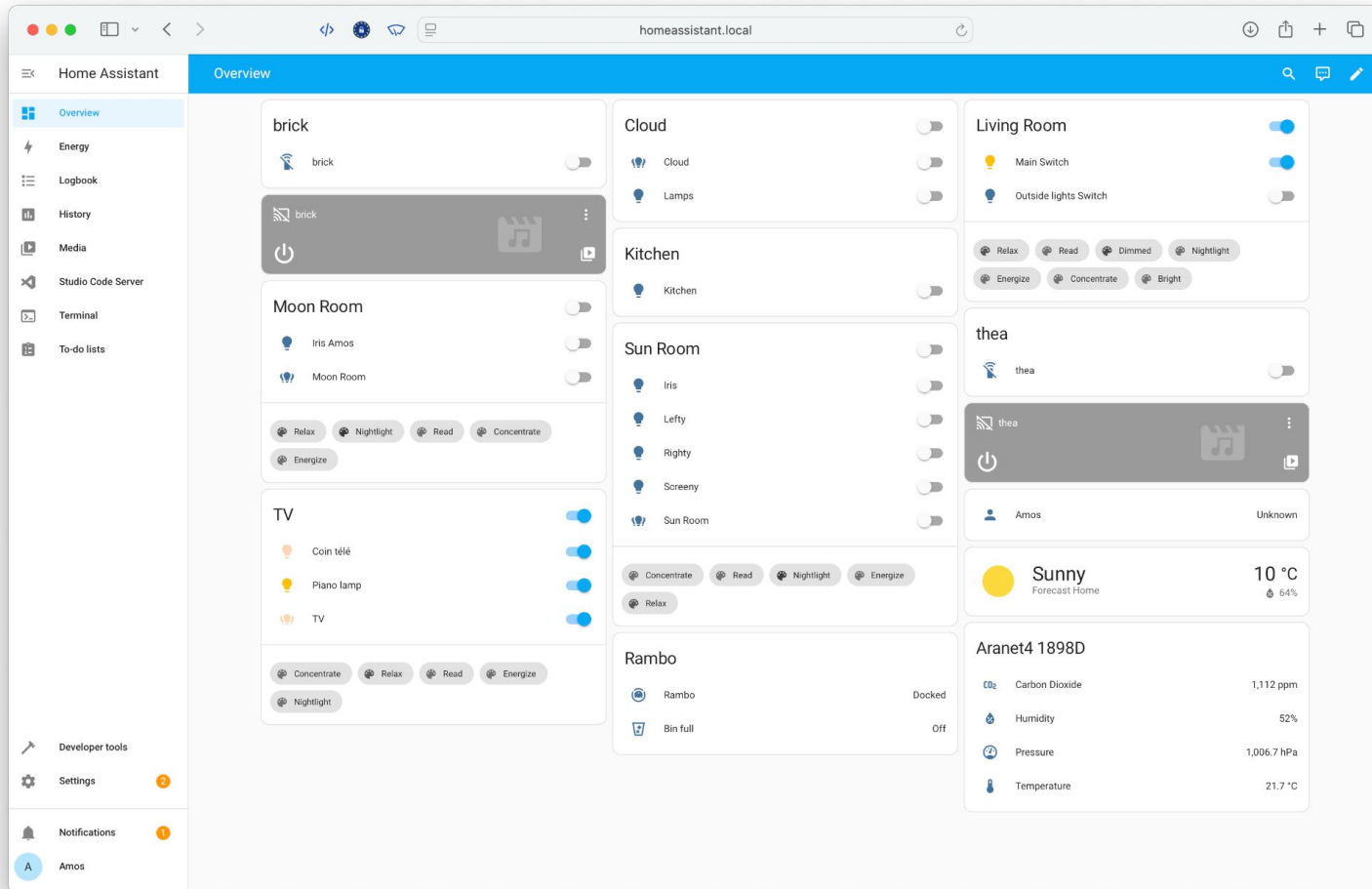












Home Assistant

Overview

Energy

Logbook

History

Media

Studio Code Server

Terminal

To-do lists

Developer tools

Settings

Notifications

Amos

Logbook

Start date  
November 13, 2024 at 12:00 F  
9:31:09 AM - 4 hours ago

End date  
November 15, 2024 at 3:00 PM

Entity

Screeny turned off  
9:31:09 AM - 4 hours ago

Sun Wall Button 1 detected an event  
9:31:09 AM - 4 hours ago

Sun Wall Button 1 detected an event  
9:31:08 AM - 4 hours ago

Sun Room turned on  
9:19:46 AM - 5 hours ago

Iris turned on  
9:19:46 AM - 5 hours ago

Screeny turned on  
9:19:46 AM - 5 hours ago

Righty turned on  
9:19:46 AM - 5 hours ago

Lefty turned on  
9:19:45 AM - 5 hours ago

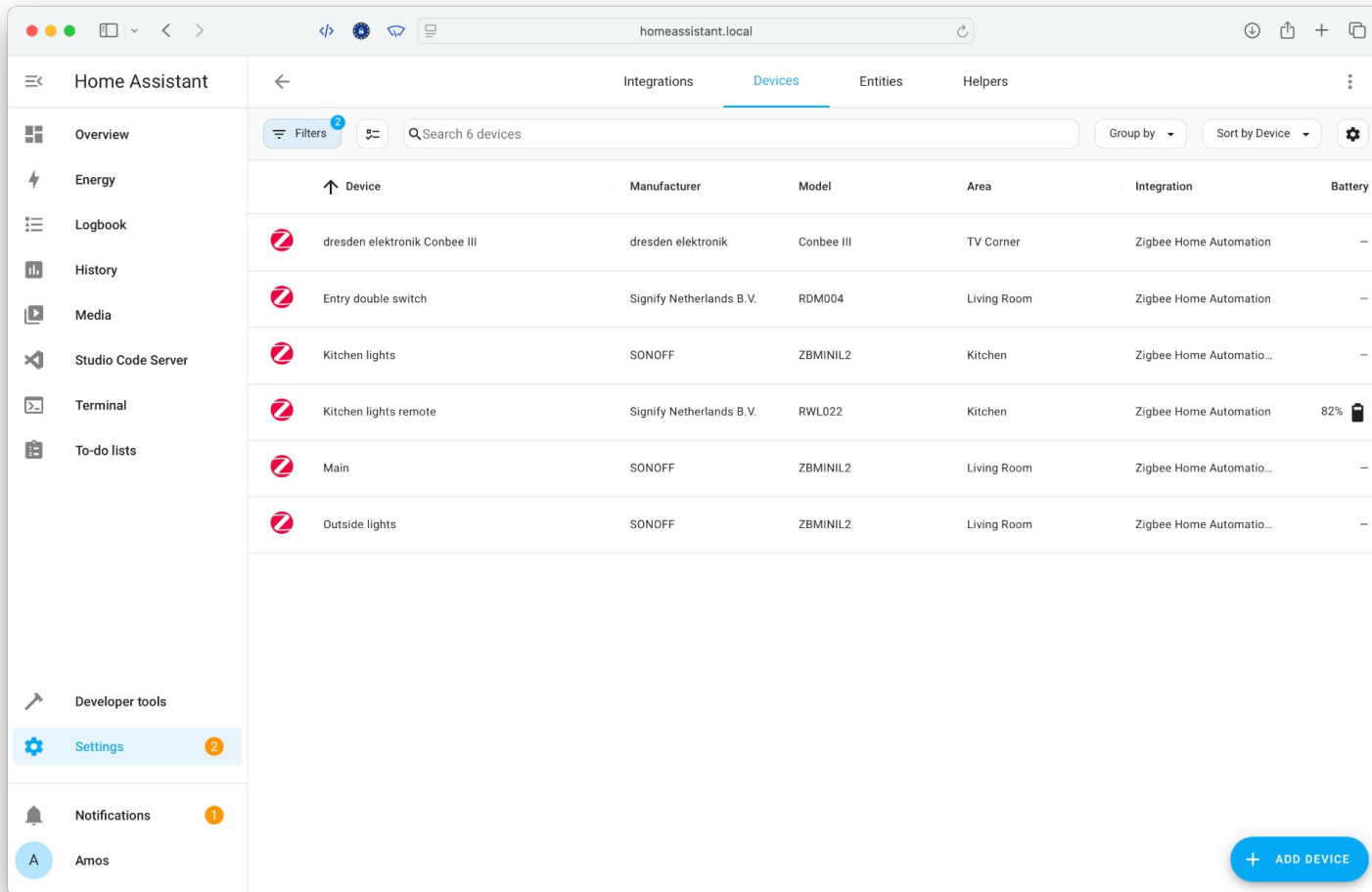
Cloud turned on  
9:19:44 AM - 5 hours ago

Cloud lamps turned on  
9:19:43 AM - 5 hours ago

Sun Next rising changed to November 15, 2024 at 7:41 AM  
7:39:57 AM - 6 hours ago

Sun 2024






The screenshot shows the Home Assistant web interface in a browser window. The address bar displays 'homeassistant.local'. The interface is divided into a left sidebar and a main content area.

**Left Sidebar:**

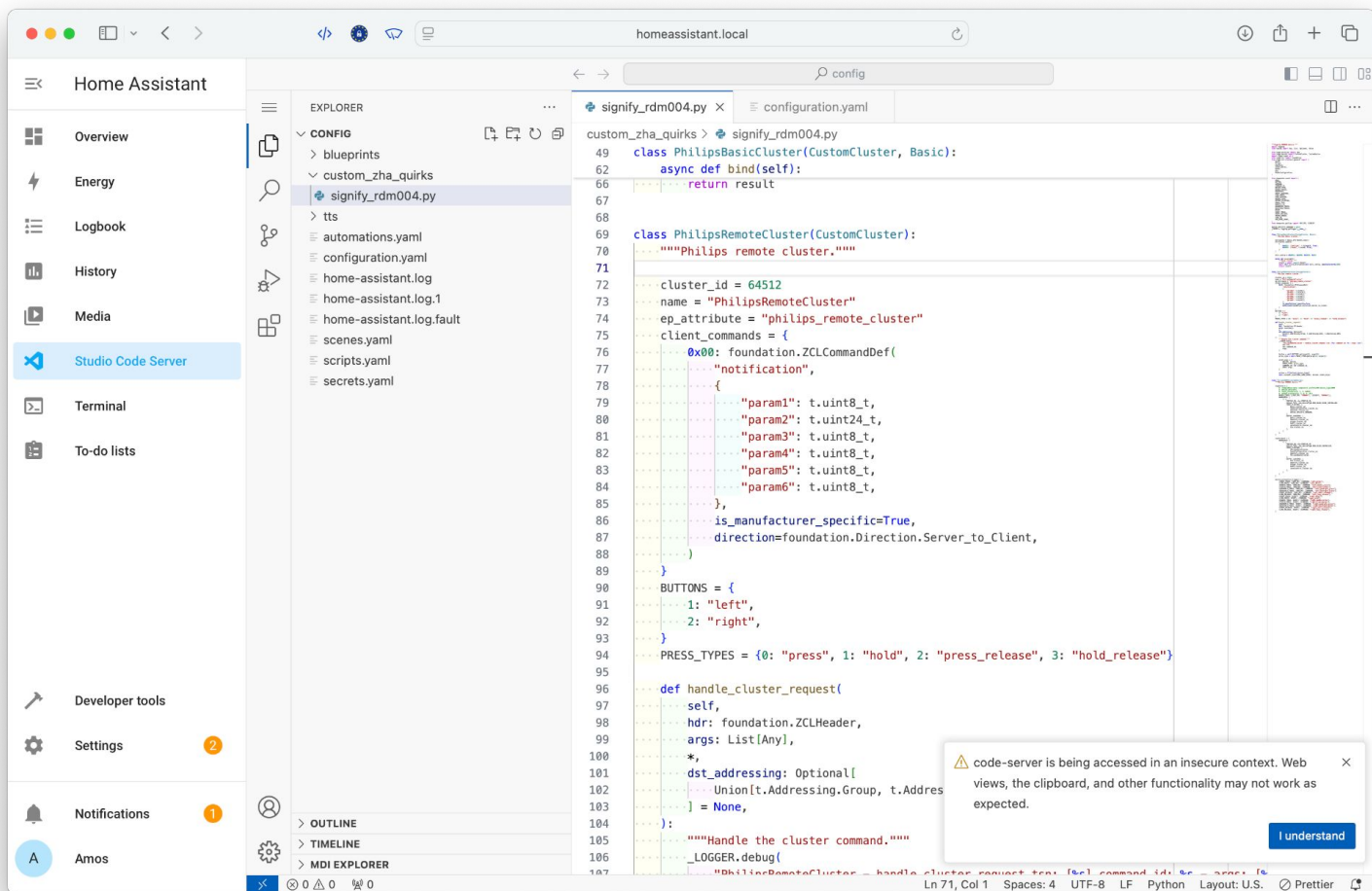
- Home Assistant
- Overview
- Energy
- Logbook
- History
- Media
- Studio Code Server
- Terminal
- To-do lists
- Developer tools
- Settings** (with a blue gear icon and an orange badge with the number 2)
- Notifications (with a bell icon and an orange badge with the number 1)
- Amos (with a blue circle icon containing the letter A)

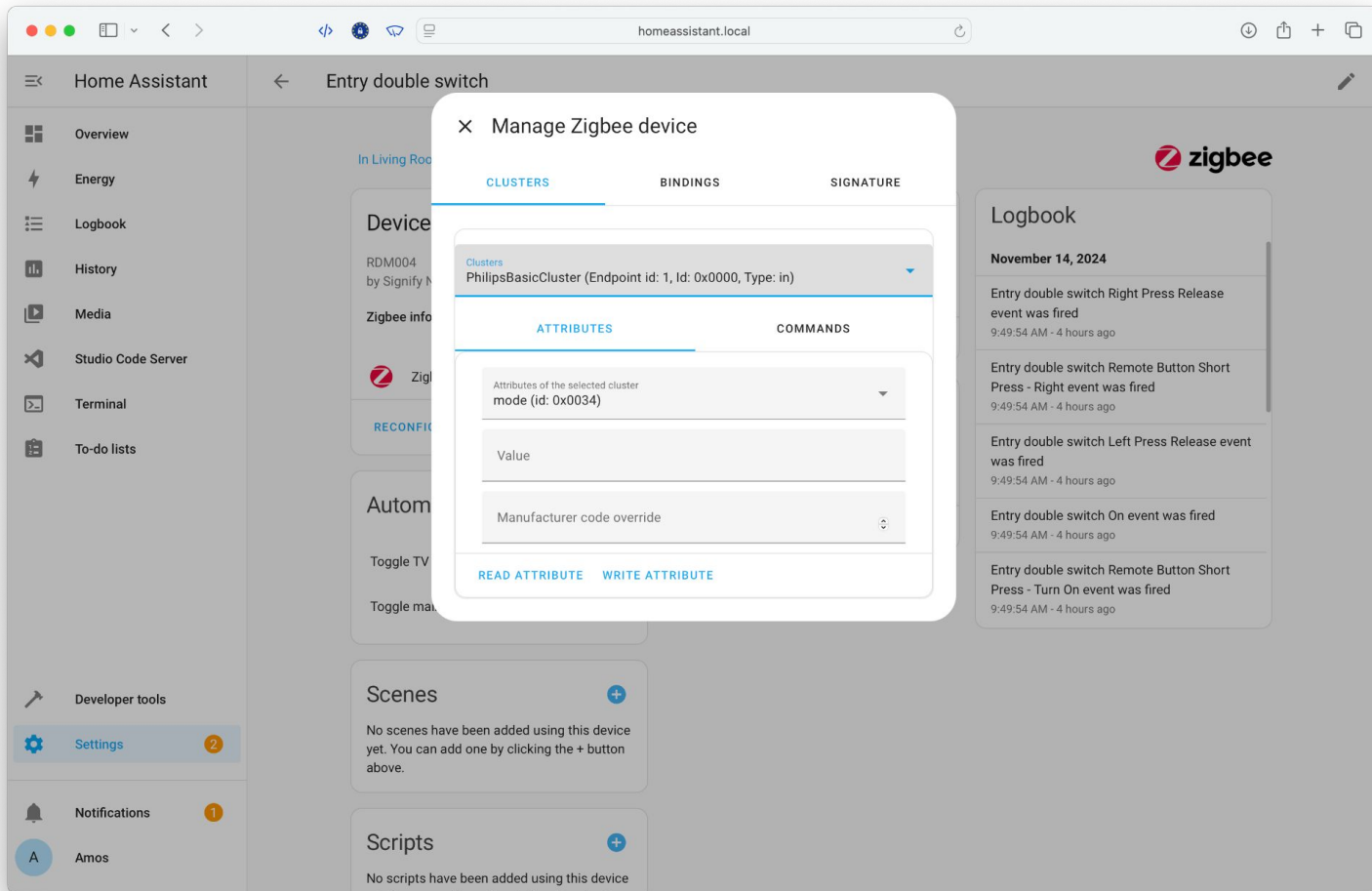
**Main Content Area:**

The 'Devices' tab is selected, showing a list of 6 devices. At the top, there is a search bar labeled 'Search 6 devices' and buttons for 'Filters' and 'Group by'. Below the search bar, the devices are listed in a table with columns: Device, Manufacturer, Model, Area, Integration, and Battery.

Device	Manufacturer	Model	Area	Integration	Battery
dresden elektronik Conbee III	dresden elektronik	Conbee III	TV Corner	Zigbee Home Automation	—
Entry double switch	Signify Netherlands B.V.	RDM004	Living Room	Zigbee Home Automation	—
Kitchen lights	SONOFF	ZBMINIL2	Kitchen	Zigbee Home Automatio...	—
Kitchen lights remote	Signify Netherlands B.V.	RWL022	Kitchen	Zigbee Home Automation	82% 
Main	SONOFF	ZBMINIL2	Living Room	Zigbee Home Automatio...	—
Outside lights	SONOFF	ZBMINIL2	Living Room	Zigbee Home Automatio...	—

At the bottom right of the main content area, there is a blue button labeled '+ ADD DEVICE'.





The screenshot displays the Home Assistant web interface. A modal dialog titled "Manage Zigbee device" is open, showing the "CLUSTERS" tab. The selected cluster is "PhilipsBasicCluster (Endpoint id: 1, Id: 0x0000, Type: in)". Below this, the "ATTRIBUTES" tab is active, showing a dropdown for "Attributes of the selected cluster mode (id: 0x0034)", a "Value" input field, and a "Manufacturer code override" field. The background interface includes a sidebar with navigation options like Overview, Energy, Logbook, History, Media, Studio Code Server, Terminal, and To-do lists. The main area shows the "Entry double switch" configuration, a "Logbook" with recent events, and sections for "Scenes" and "Scripts".

Home Assistant

Entry double switch

Manage Zigbee device

CLUSTERS BINDINGS SIGNATURE

Clusters

PhilipsBasicCluster (Endpoint id: 1, Id: 0x0000, Type: in)

ATTRIBUTES COMMANDS

Attributes of the selected cluster mode (id: 0x0034)

Value

Manufacturer code override

READ ATTRIBUTE WRITE ATTRIBUTE

zigbee

Logbook

November 14, 2024

Entry double switch Right Press Release event was fired  
9:49:54 AM - 4 hours ago

Entry double switch Remote Button Short Press - Right event was fired  
9:49:54 AM - 4 hours ago

Entry double switch Left Press Release event was fired  
9:49:54 AM - 4 hours ago

Entry double switch On event was fired  
9:49:54 AM - 4 hours ago

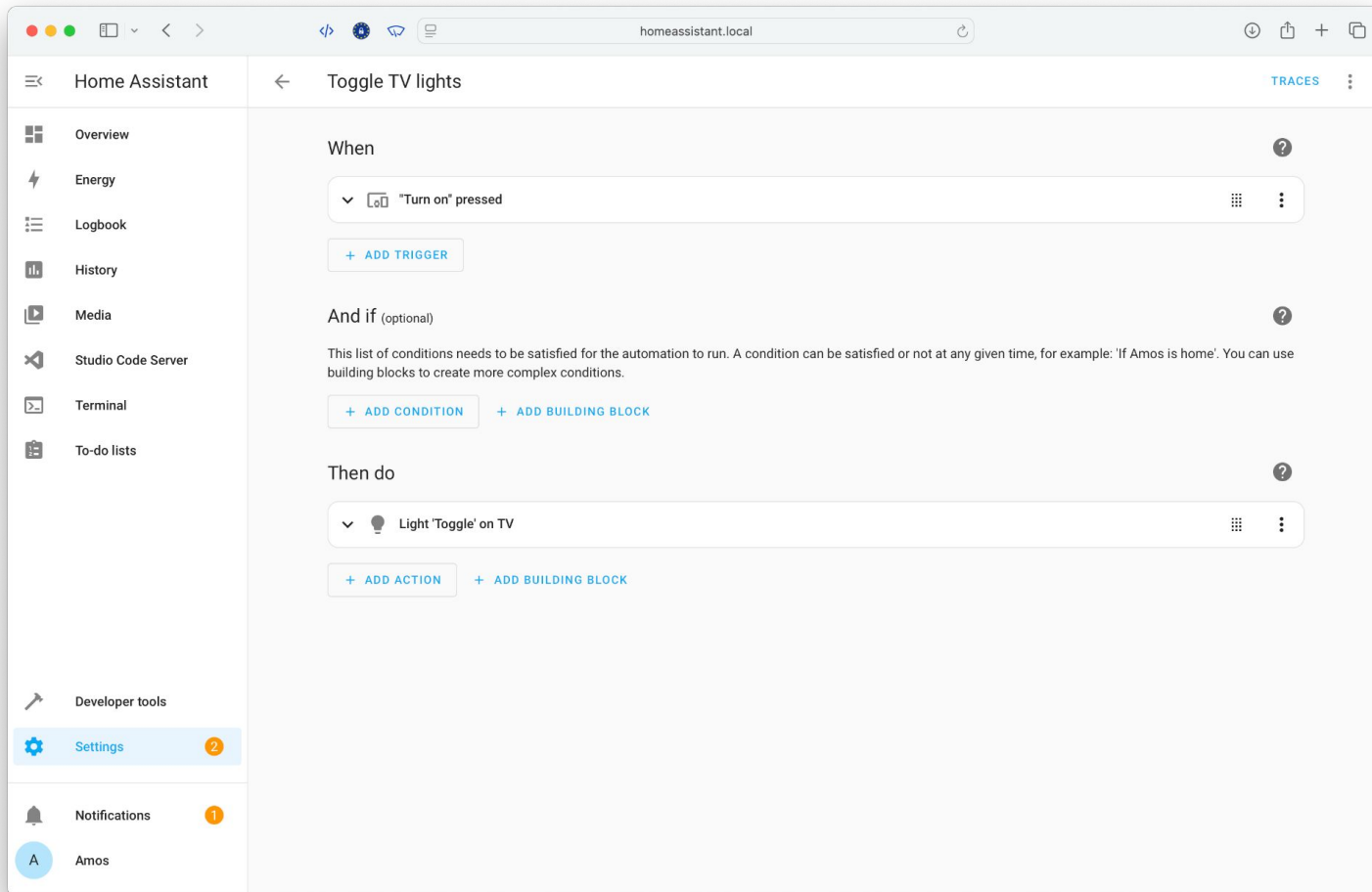
Entry double switch Remote Button Short Press - Turn On event was fired  
9:49:54 AM - 4 hours ago

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





**fasterthanlime** 

Oct 25 ...

one day I'm a normal person, and the next I'm installing the studio code server home assistant addon so I can add a quirk for the signify RDM004 switch so I can use both inputs to control a sonoff zbmini-12

 6



**fasterthanlime** 

@fasterthanlime

gutted to announce that python is now involved in turning on my living room lights

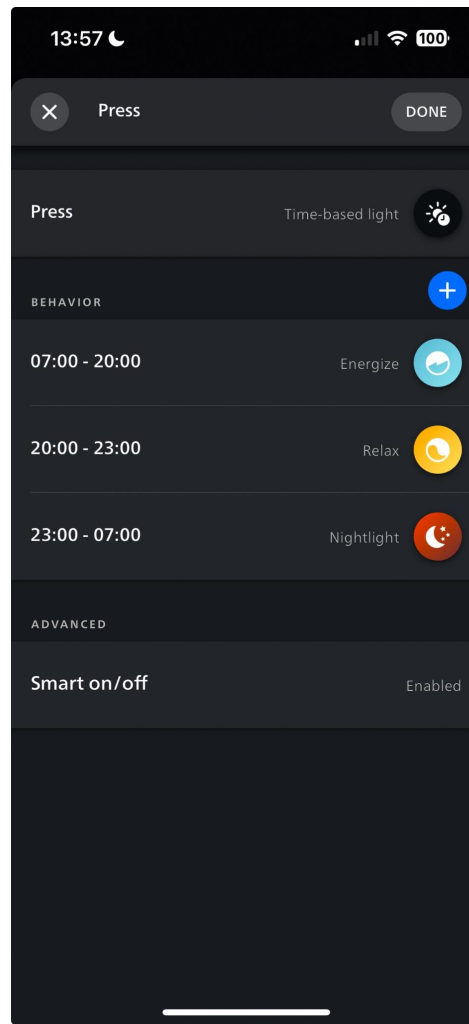
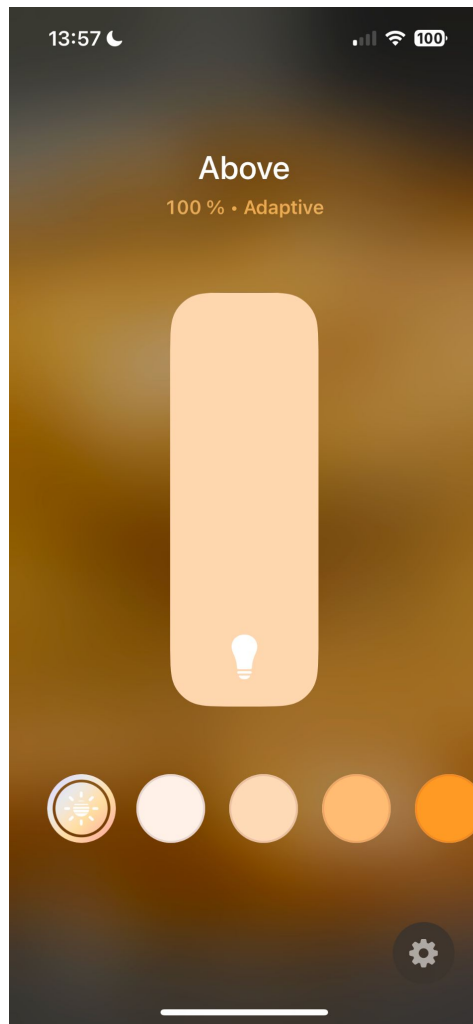
Public • Oct 25 at 8:24 PM

 4



 51





self-directed research 

*still cheaper than therapy*