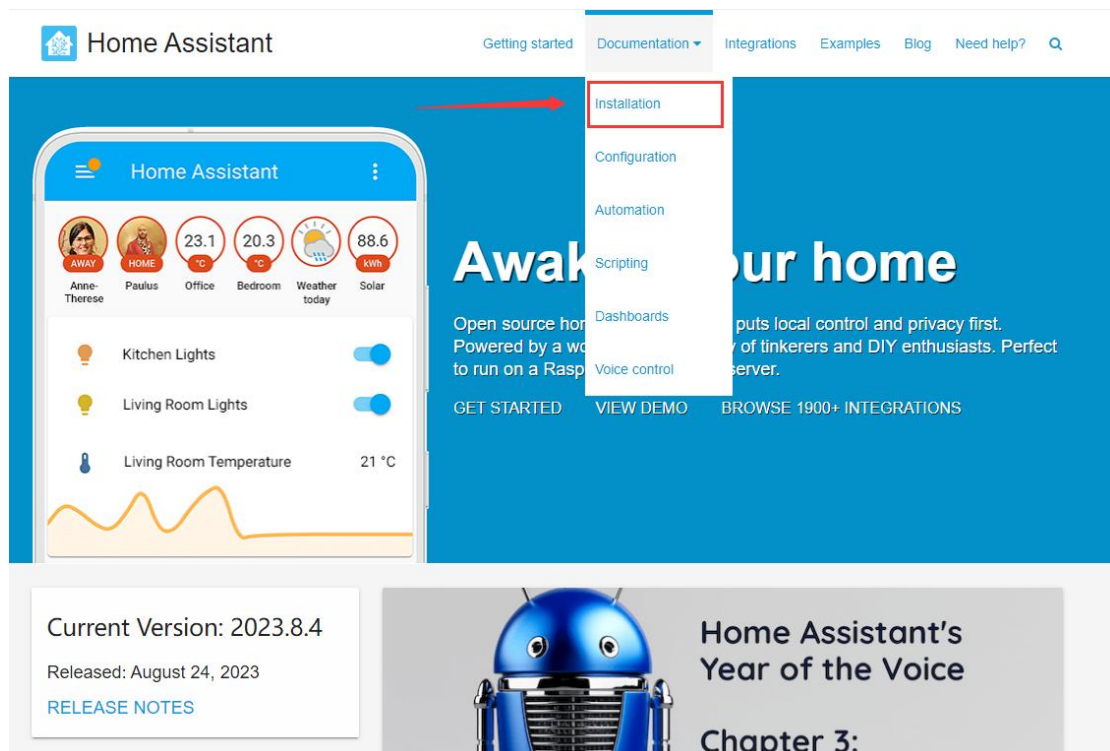


HOMEASSISTANT---ESPHOME

DIS03024H

1. Go to <https://www.home-assistant.io/>





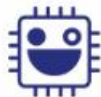
Raspberry Pi

- [Home Assistant Operating System](#)
- [Home Assistant Container](#)
- [Home Assistant Core](#)



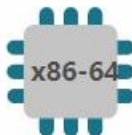
ODROID

- [Home Assistant Operating System](#)
- [Home Assistant Container](#)
- [Home Assistant Core](#)



ASUS Tinkerboard

- [Home Assistant Operating System](#)
- [Home Assistant Container](#)
- [Home Assistant Core](#)



Generic x86-64 (e.g. Intel NUC)

- [Home Assistant Operating System](#)
- [Home Assistant Container](#)
- [Home Assistant Core](#)



Windows

- [Home Assistant Operating System \(VM\)](#)
- [Home Assistant Core](#)



Writing the image with Balena Etcher

Use this procedure if Raspberry Pi Imager is not supported by your platform.

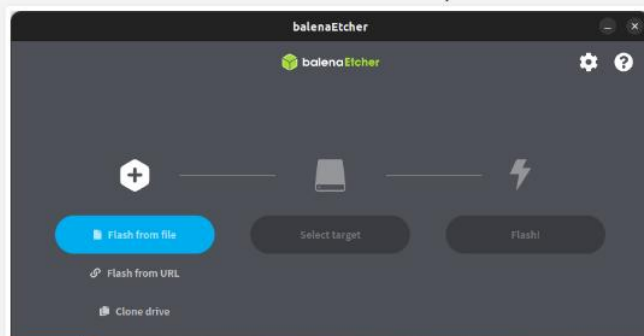
1. Insert the SD card into the computer. Note: the contents of the card will be overwritten.
2. Download and start **Balena Etcher**. You may need to run it with administrator privileges on Windows.
3. Download the image to your computer.
 - Copy the correct URL for the Raspberry Pi 3 or 4 (Note: there are 2 different links below!):

Raspberry Pi 4 Raspberry Pi 3

https://github.com/home-assistant/operating-system/releases/download/10.5/haos_rpi4-64-10.5.img.xz

Select and copy the URL or use the "copy" button that appear when you hover it.

4. Paste the URL into your browser to start the download.
5. Select **Flash from file** and select the image you just downloaded.
 - **Flash from URL** does not work on some systems.



Installation

Suggested Hardware

Install Home Assistant Operating System

- Write the image to your SD card
- Start up your Raspberry Pi

Install Home Assistant Container

- Platform installation
- Restart Home Assistant
- Docker compose
- Exposing devices
- Optimizations

Install Home Assistant Core

- Install dependencies
- Create an account
- Create the virtual environment

Writing the image with Balena Etcher

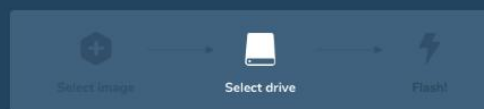
Download: <https://etcher.balena.io/>



ETCHER

Flash. Flawless.

Flash OS images to SD cards & USB drives, safely and easily.



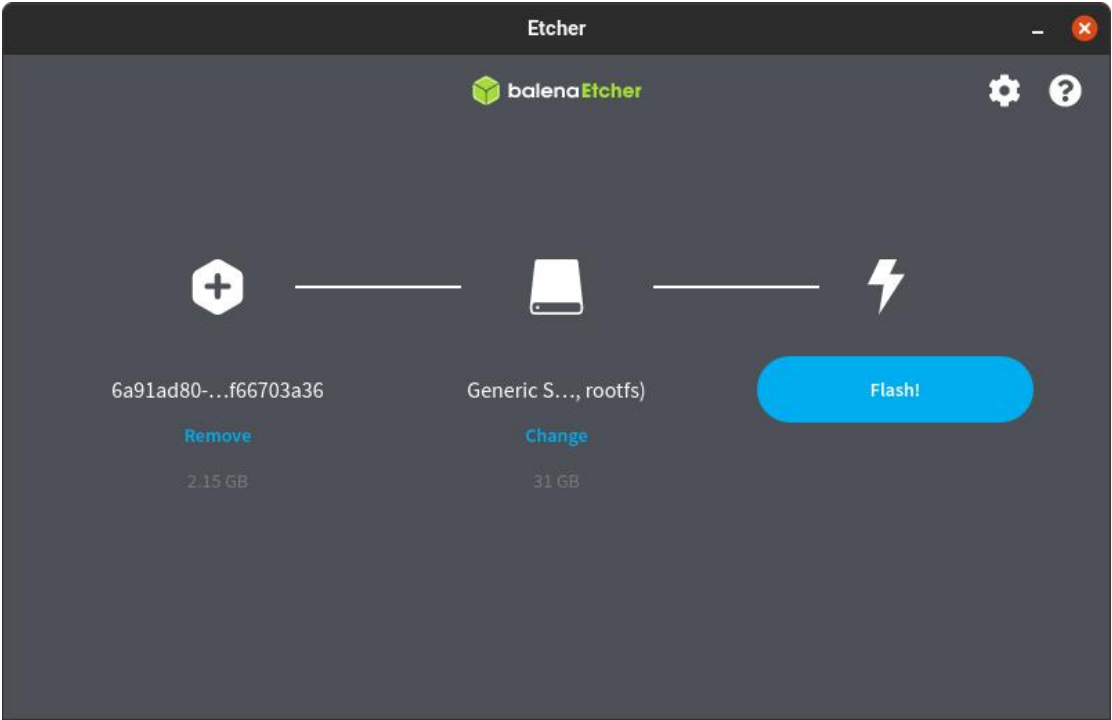
Download Etcher

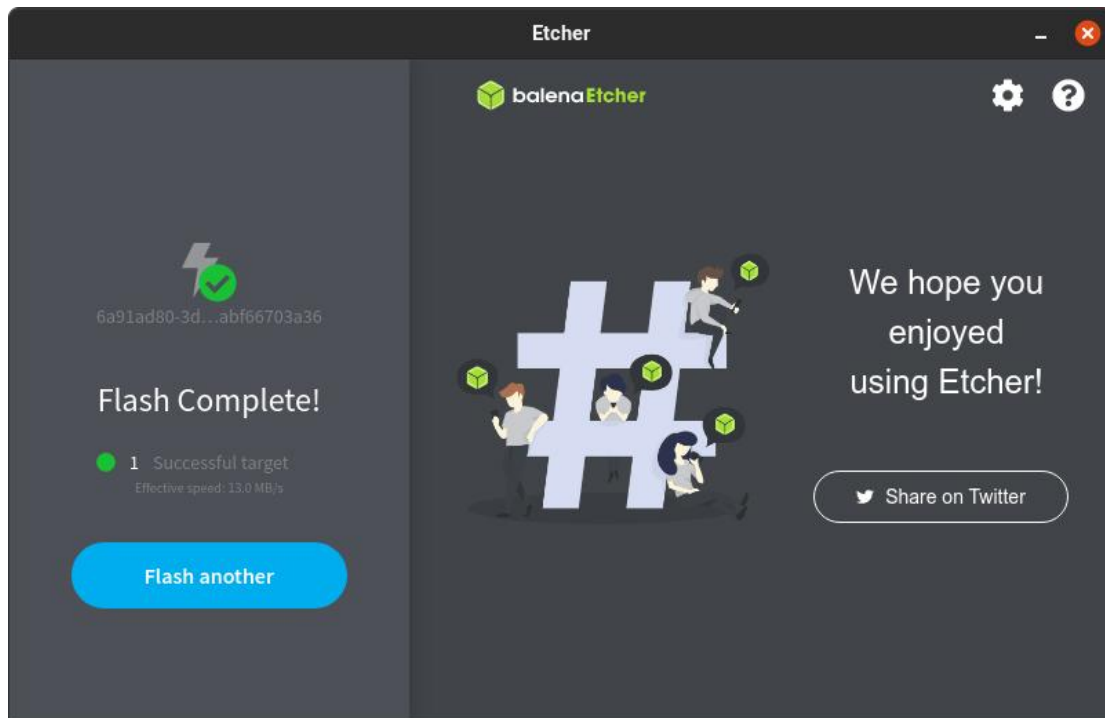
Download mirror image:
<https://github.com/home-assistant/operating-system/releases/>

haos_ova-10.5.qcow2.xz	318 MB	last week
haos_ova-10.5.raucb	182 MB	last week
haos_ova-10.5.vdi.zip	389 MB	last week
haos_ova-10.5.vhdx.zip	390 MB	last week
haos_ova-10.5.vmdk.zip	389 MB	last week
haos_rpi2-10.5.img.xz	245 MB	last week
haos_rpi2-10.5.raucb	115 MB	last week
haos_rpi3-10.5.img.xz	249 MB	last week
haos_rpi3-10.5.raucb	120 MB	last week
haos_rpi3-64-10.5.img.xz	254 MB	last week
haos_rpi3-64-10.5.raucb	120 MB	last week
haos_rpi4-10.5.img.xz	249 MB	last week
haos_rpi4-10.5.raucb	120 MB	last week
haos_rpi4-64-10.5.img.xz	256 MB	last week
haos_rpi4-64-10.5.raucb	122 MB	last week
haos_tinker-10.5.img.xz	239 MB	last week
haos_tinker-10.5.raucb	108 MB	last week
haos_yellow-10.5.img.xz	254 MB	last week
haos_yellow-10.5.raucb	119 MB	last week
Source code (zip)		last week
Source code (tar.gz)		last week

13 3 1 2 18 people reacted

Burn into the mirror:





Raspberry Pi Plug in the SD card and boot on:

```
Waiting for the Home Assistant CLI to be ready...

Welcome to the Home Assistant command line.

Waiting for Supervisor to startup...
System information
IPv4 addresses for enp11s0: 192.168.2.169/24
IPv6 addresses for enp11s0: fe80::...

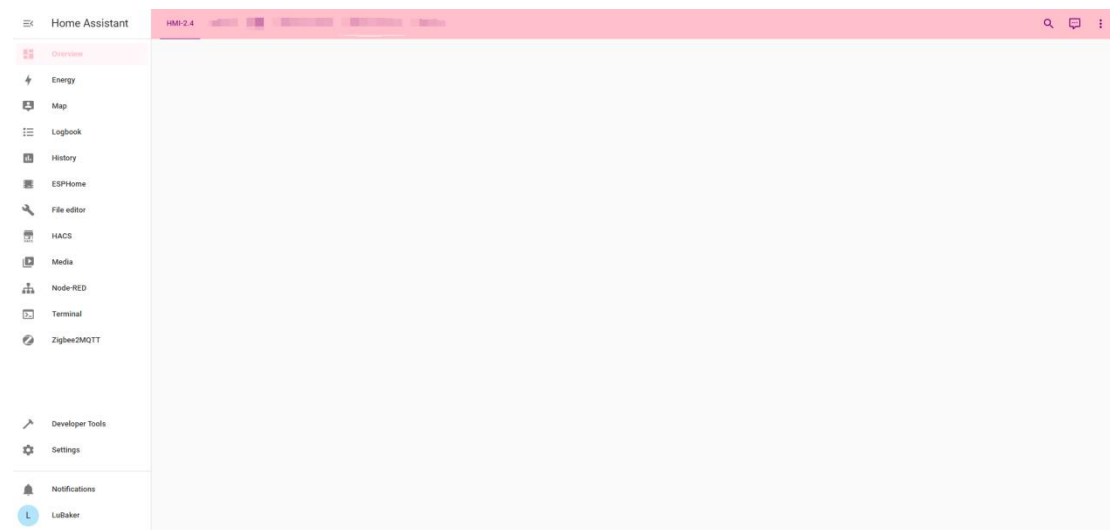
OS Version:           Home Assistant OS 10.2
Home Assistant Core:   2023.5.4

Home Assistant URL:    http://baker.local:8123
Observer URL:          http://baker.local:4357
```

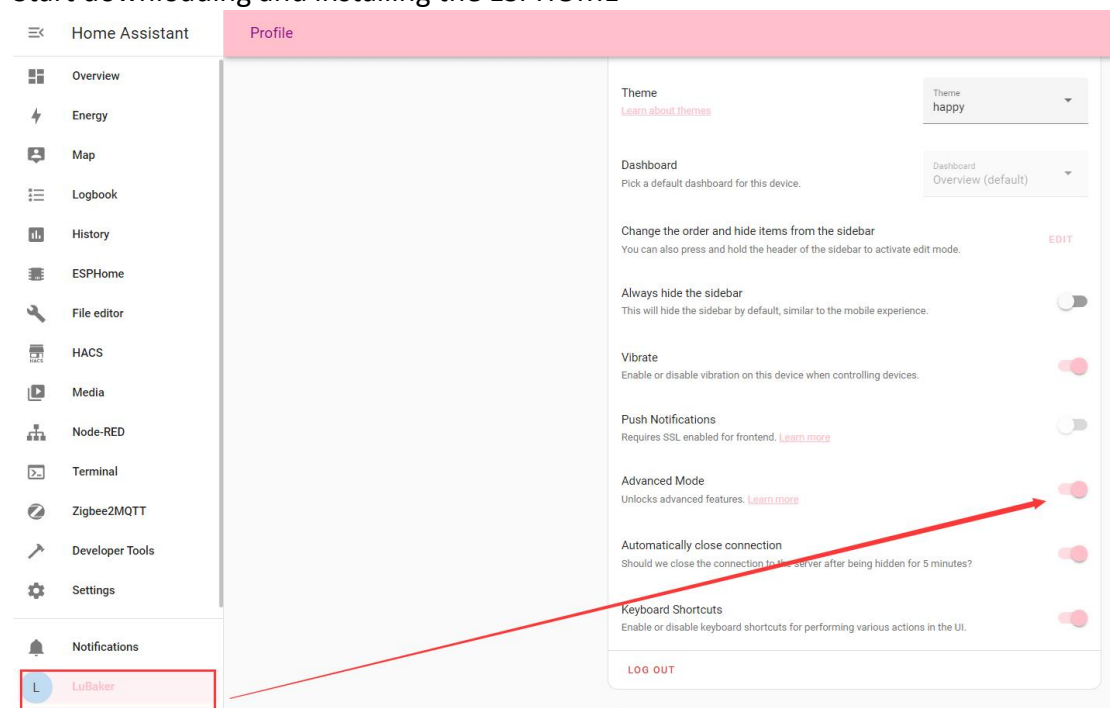
The above interface description is successful

Open the website: <http://192.168.2.169:8123>

The following interface appears after setting the account and password:



Start downloading and installing the ESPHOME



Home Assistant

Settings

Overview

Energy

Map

Logbook

History

ESPHome

File editor

HACS

Media

Node-RED

Terminal

Zigbee2MQTT

Developer Tools

Settings

Notifications

LuBaker

Home Assistant Cloud

Devices & Services

Automations & Scenes

Areas & Zones

Add-ons

Dashboards

Voice assistants

Tags

People

System

About

Add-ons

Search add-ons

ESPHome

ESPHome (beta)

ESPHome (dev)

File editor

Mosquitto broker

Node-RED

Samba share

Terminal & SSH

Zigbee2MQTT

ADD-ON STORE

Add-on Store

Search ESPHOME

No results found in Official add-ons.

ESPHome

ESPHome

ESPHome (beta)

ESPHome (dev)

Home Assistant Community Add-ons

ESPHome

No results found in Home Assistant Community Add-ons.

No results found in Home Assistant Community Add-ons - BETA.

ESPHome

Current version: 2023.5.5 (Changelog)


Rating

Host

Auth

Ingress

ESPHome add-on for intelligently managing all your ESP8266/ESP32 devices.
Visit the [ESPHome](#) page for more details

 ESPHome

Start on boot

Make the add-on start during a system boot

Watchdog

This will start the add-on if it crashes

Auto update

Auto update the add-on when there is a new version available

Show in sidebar

Add this add-on to your sidebar

STOP

RESTART

OPEN WEB UI

UNINSTALL

Hostname

5c53de3b-esphome

Add-on CPU Usage

0 %

Add-on RAM Usage

4.8 %

If the open fails, you need to restart the homeassistant

Home Assistant

Developer Tools

YAML

STATES

SERVICES

TEMPLATE

EVENTS

STATISTICS

Check and Restart

A basic validation of the configuration is automatically done before restarting. The basic validation ensures the YAML configuration doesn't have errors which will prevent Home Assistant or any integration from starting. It's also possible to only do the basic validation check without restarting.

CHECK CONFIGURATION

RESTART

YAML configuration reloading

Some parts of Home Assistant can reload without requiring a restart. Clicking one of the options below will unload their current YAML configuration and load the new one.

ALL YAML CONFIGURATION

LOCALIZE & CUSTOMIZATIONS

AUTOMATIONS

CONVERSATION

INPUT BOOLEANS

INPUT BUTTONS

INPUT DATE TIMES

Create the device after the download is complete

Home Assistant

ESPHome

UPDATE ALL

SECRETS

code

code.yaml

UPDATE

EDIT

LOGS

OFFLINE

ELECROW

elecrow.yaml

EDIT

LOGS

OFFLINE

growcube

growcube.yaml

EDIT

LOGS

OFFLINE

growcubeceshi

growcubeceshi.yaml

EDIT

LOGS

OFFLINE

HMI-24

hmi-24.yaml

EDIT

LOGS

ONLINE

HMI-28

hmi-28.yaml

EDIT

LOGS

OFFLINE

HMI-35

hmi-35.yaml

EDIT

LOGS

OFFLINE

HMI-43

hmi-43.yaml

EDIT

LOGS

OFFLINE

HMI-50

hmi-50.yaml

EDIT

LOGS

OFFLINE

HMI-70

hmi-70.yaml

EDIT

LOGS

OFFLINE

HMI

hmi.yaml

EDIT

LOGS

OFFLINE

LU

lu.yaml

EDIT

LOGS

ONLINE

lulu

lulu.yaml

EDIT

LOGS

OFFLINE

luluceshi

luluceshi.yaml

EDIT

LOGS

OFFLINE

+ NEW DEVICE

Select your device type

Select the type of device that this configuration will be installed on.

ESP32	>
ESP32-S2	>
ESP32-S3	>
ESP32-C3	>
ESP8266	>
Raspberry Pi Pico W	>

☐ Use recommended settings

CANCEL

Select your ESP32 board

CNRS AW2ETH
Connaxio's Espoir
D-duino-32
DOIT ESP32 DEVKIT V1
DOIT ESPduino32
Deneyap Kart
Deneyap Kart 1A
Denky D4 (PICO-V3-02)
Denky32 (WROOM32)
Dongsen Tech Pocket 32
ESP32 FM DevKit
ESP32 Pico Kit
ESP32vn IoT Uno
ESPectro32
ESPino32

BACK

NEXT



Configuration created!

You can now install the configuration to your device. The first time this requires a cable.

Once the device is installed and connected to your network, you will be able to manage it wirelessly.

Each ESPHome device has a unique encryption key to talk to other devices. You will need this key to include your device in Home Assistant. You can find the key later in the device menu.

Encryption key

qilL1gmPmYfZATxPqrYoS2MPFt8TT7PFQN!

SKIP

INSTALL

Generate the bin files

How do you want to install HMI-2424.yaml on your device?

Wirelessly

Requires the device to be online



Plug into this computer

For devices connected via USB to this computer



Plug into the computer running ESPHome Dashboard

For devices connected via USB to the server



Manual download

Install it yourself using ESPHome Web or other tools



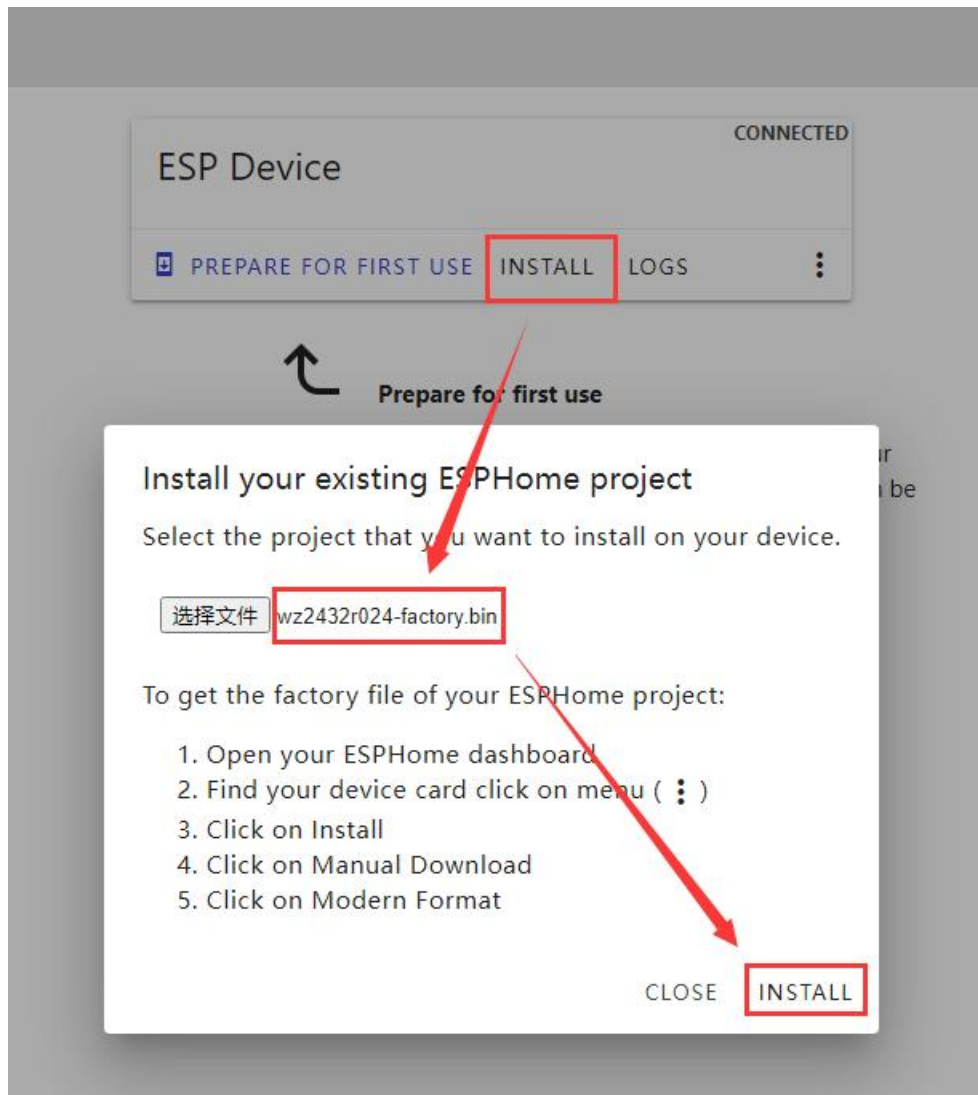
CANCEL

>

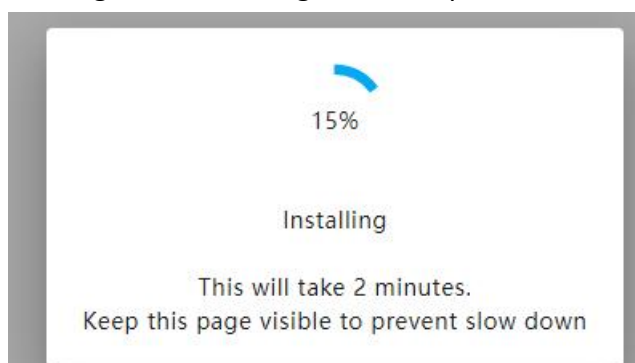
>

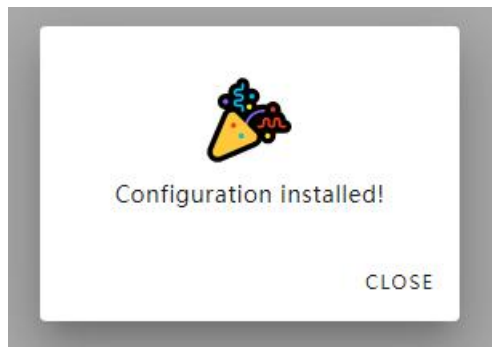
BACK

The screenshot displays the ESPHome web interface. On the left, a window titled 'web.esphome.io 想连接到串行端口' (web.esphome.io want to connect to serial port) shows a list of available USB serial ports. The first entry, 'USB Serial (COM3) - 已配对' (USB Serial (COM3) - Paired), is highlighted with a red box. A red arrow points from this entry to the 'CONNECT' button in the right panel. The right panel, titled 'ESP Device', shows a 'NOT CONNECTED' status. Below this, a 'CONNECT' button is highlighted with a red box. A red arrow points from this button to the 'USB Serial (COM3) - 已配对' entry. Below the 'CONNECT' button, there is a 'Welcome to ESPHome Web!' message and instructions on how to use the interface.



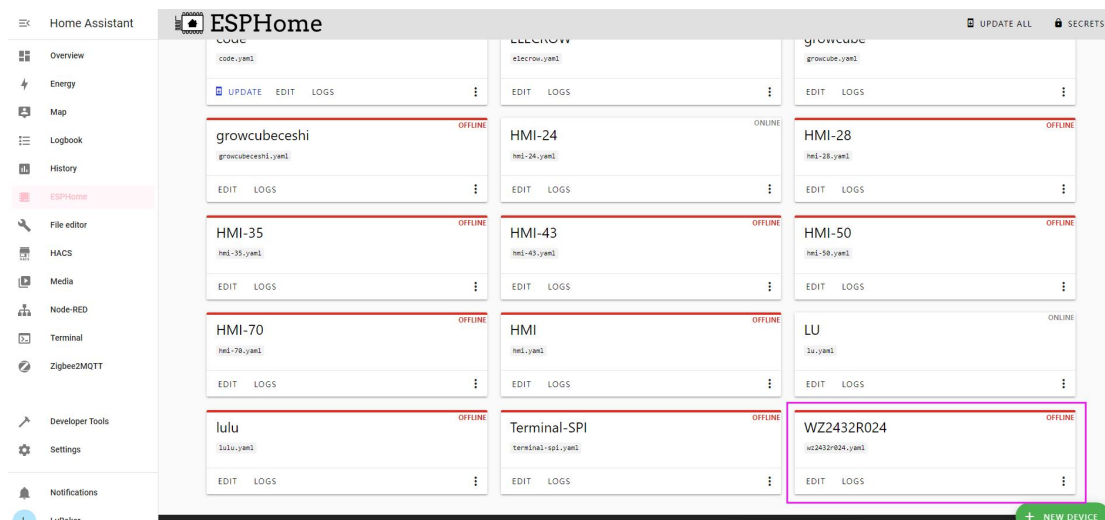
Waiting for the burning to be completed





Back to the ESPHOME interface and then restart the ESP32 to see the created device in the ONLINE state

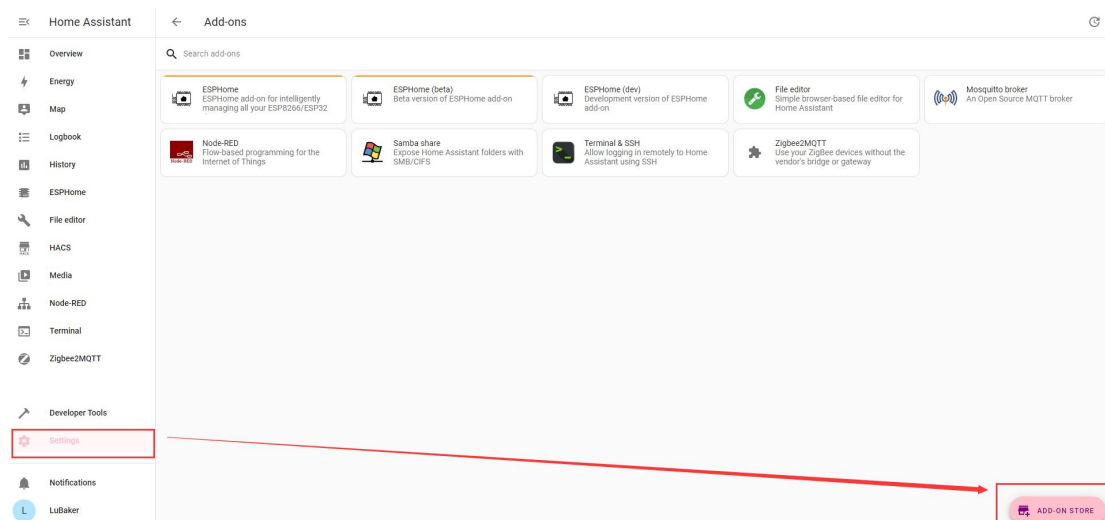
Note: Set the same WIFI account and password



Before we start editing our code, we do some preparations:

Put the picture and tft font file into the / config / esphome directory

We use a simple and easy to use tool to complete our requirements




←

Add-on Store

Search

samba share

Official add-ons



Samba share

Expose Home Assistant folders with SMB/CIFS

No results found in ESPHome.

No results found in Home Assistant Community Add-ons.

No results found in Home Assistant Community Add-ons.

No results found in Home Assistant Community Add-ons - BETA.

Info

Documentation

Configuration

Log

Samba share


Current version: 10.0.2 [\(Changelog\)](#)

Rating

Host

Signed

Expose Home Assistant folders with SMB/CIFS.
Visit the [Samba share](#) page for more details



Start on boot

Make the add-on start during a system boot

☒

Watchdog

This will start the add-on if it crashes

☐

Auto update

Auto update the add-on when there is a new version available

☐

Hostname

core-samba

Add-on CPU Usage

0 %

Add-on RAM Usage

1 %

STOP

RESTART

UNINSTALL

Enter the configuration interface and set up the account number and password

Info Documentation **Configuration** Log

Samba share

Options

Username*
homeassistant

The username you would like to use to authenticate with the Samba server.

Password*
homeassistant

The password that goes with the username configured for authentication.

Workgroup*
WORKGROUP

Change WORKGROUP to reflect your network needs.

Enable Compatibility Mode ☐

Enable this to use old legacy Samba protocols on the Samba add-on.

_* X .DS_Store X Thumbs.db X icon? X .Trashes X

Veto Files

List of files that are neither visible nor accessible.

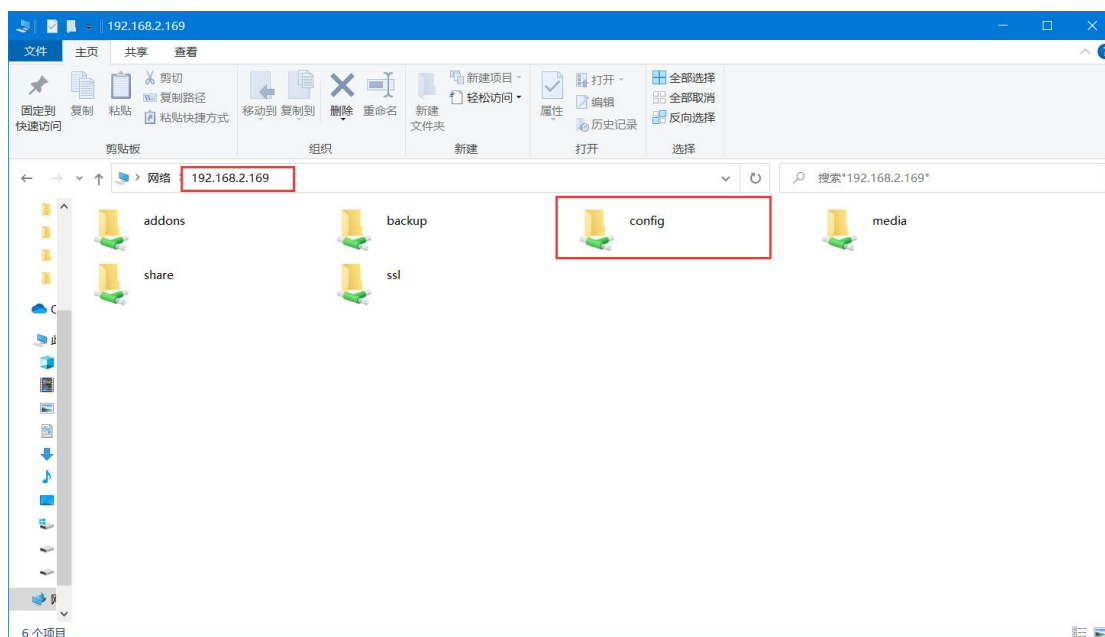
10.0.0.0/8 X 172.16.0.0/12 X 192.168.0.0/16 X 169.254.0.0/16 X fe80::/10 X fc00::/7 X

Allowed Hosts

List of hosts/networks allowed to access the shared folders.

SAVE

Then open my computer input [\\192.168.2.169](http://192.168.2.169) and display the following interface, and then we enter the / config / esphome directory



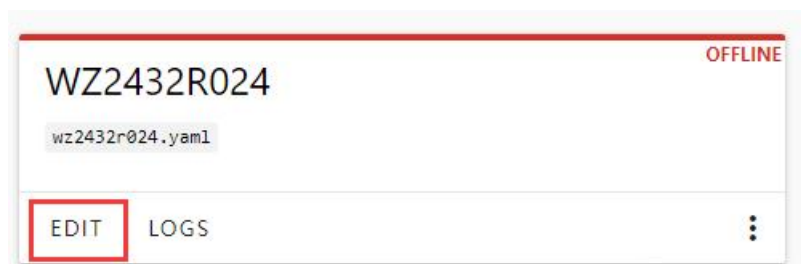
网络 > 192.168.2.169 > config

名称	修改日期	类型	大小
.cloud	2023/6/6 18:00	文件夹	
.storage	2023/8/29 10:38	文件夹	
blueprints	2023/6/6 18:02	文件夹	
custom_components	2023/8/25 9:29	文件夹	
deps	2023/6/6 18:00	文件夹	
esphome	2023/8/25 12:04	文件夹	
my_themes	2023/8/24 18:12	文件夹	
node-red	2023/8/25 11:40	文件夹	
tts	2023/6/6 18:02	文件夹	
www	2023/8/24 17:40	文件夹	
zigbee2mqtt	2023/8/25 13:06	文件夹	
.HA_VERSION	2023/6/6 18:00	HA_VERSION 文件	1 KB
automations.yaml	2023/8/24 18:15	YAML 文件	2 KB
configuration.yaml	2023/8/24 17:25	YAML 文件	1 KB
home-assistant.log	2023/8/29 10:44	文本文档	401 KB
home-assistant.log.1	2023/8/25 10:55	1 文件	262 KB
home-assistant.log.fault	2023/8/25 10:55	FAULT 文件	0 KB
home-assistant_v2.db	2023/8/29 10:34	Data Base File	5,336 KB
home-assistant_v2.db-shm	2023/8/29 10:43	DB-SHM 文件	32 KB

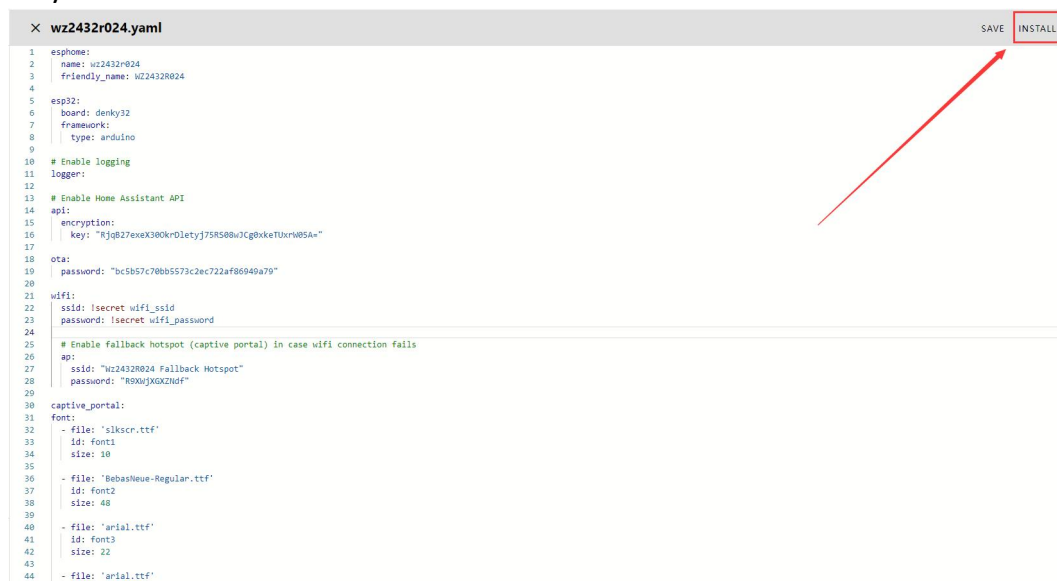
Put the following files into the folder

名称	修改日期	类型	大小
hmi-24.yaml	2023/8/29 10:15	YAML 文件	4 KB
hmi.yaml	2023/8/23 11:22	YAML 文件	1 KB
growcubeceshi.yaml	2023/6/30 15:51	YAML 文件	1 KB
growcube.yaml	2023/7/3 17:49	YAML 文件	2 KB
elecrow.yaml	2023/6/9 19:14	YAML 文件	1 KB
code.yaml	2023/6/8 10:56	YAML 文件	2 KB
slkscr.ttf	2023/6/8 10:56	TrueType 字体文件	18 KB
BebasNeue-Regular.ttf	2023/6/8 10:42	TrueType 字体文件	102 KB
arial.ttf	2023/6/8 10:56	TrueType 字体文件	270 KB
xin.png	2023/6/15 11:36	PNG 文件	8 KB
ON_Light.png	2023/8/25 11:59	PNG 文件	24 KB
OFF_Light.png	2023/8/25 11:59	PNG 文件	16 KB
menu.png	2023/8/25 11:00	PNG 文件	52 KB
ELE2.png	2023/8/24 15:42	PNG 文件	200 KB
pca9555.h	2023/6/30 15:40	H 文件	1 KB
my_custom_sensor.h	2023/8/22 12:23	H 文件	0 KB
ft6236.h	2023/6/30 11:54	H 文件	1 KB
ahtx0.h	2023/6/30 11:32	H 文件	1 KB
ELE.bmp	2023/8/24 15:41	BMP 文件	226 KB

Then we can start editing the program



After editing the program, you can choose to burn online recording, which becomes very convenient



How do you want to install hmi-2424.yaml on your device?

Wirelessly

Requires the device to be online



Plug into this computer

For devices connected via USB to this computer



Plug into the computer running ESPHome Dashboard

For devices connected via USB to the server



Manual download

Install it yourself using ESPHome Web or other tools

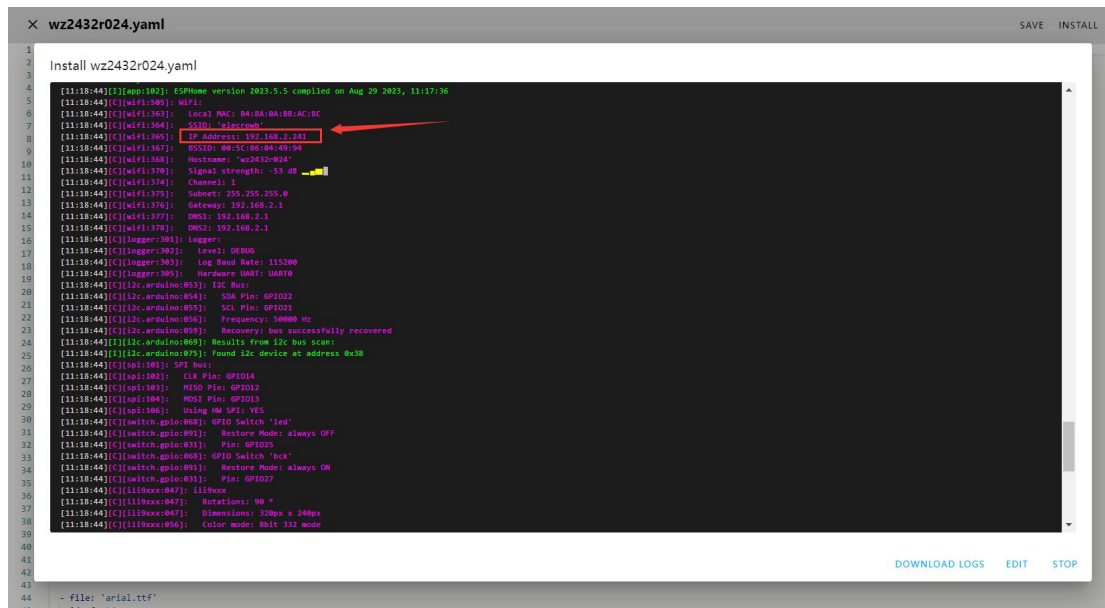


CANCEL

Successful burning:

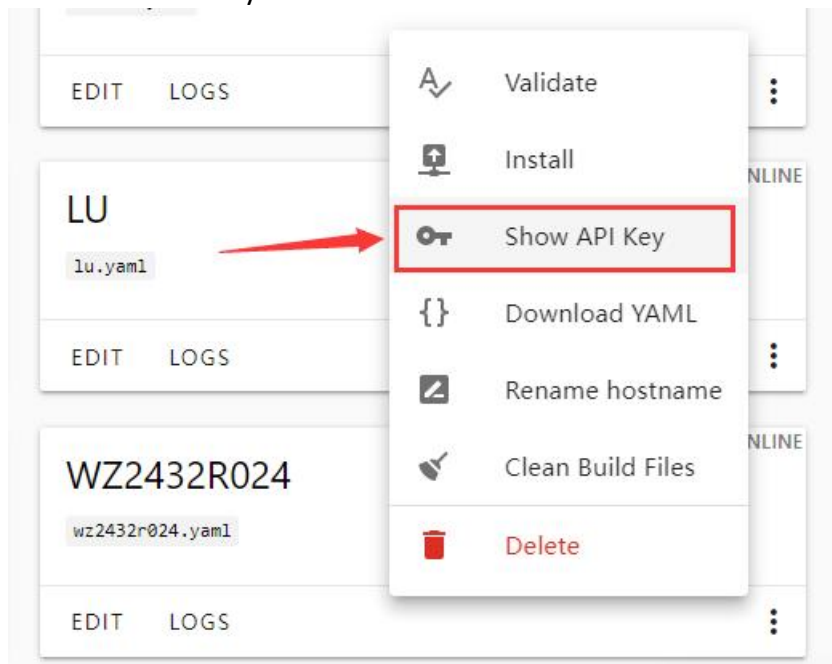
```
× wz2432r024.yaml SAVE INSTALL
1
2 Install wz2432r024.yaml
3
4 Compiling /data/wz2432r024/.pioenvs/wz2432r024/FrameworkArduino/esp32-hal-misc.c.o
5 Compiling /data/wz2432r024/.pioenvs/wz2432r024/FrameworkArduino/esp32-hal-pinman.c.o
6 Compiling /data/wz2432r024/.pioenvs/wz2432r024/FrameworkArduino/esp32-hal-rng-led.c.o
7 Compiling /data/wz2432r024/.pioenvs/wz2432r024/FrameworkArduino/esp32-hal-rmt.c.o
8 Compiling /data/wz2432r024/.pioenvs/wz2432r024/FrameworkArduino/esp32-hal-sigmadelta.c.o
9 Compiling /data/wz2432r024/.pioenvs/wz2432r024/FrameworkArduino/esp32-hal-spi.c.o
10 Compiling /data/wz2432r024/.pioenvs/wz2432r024/FrameworkArduino/esp32-hal-time.c.o
11 Compiling /data/wz2432r024/.pioenvs/wz2432r024/FrameworkArduino/esp32-hal-timer.c.o
12 Compiling /data/wz2432r024/.pioenvs/wz2432r024/FrameworkArduino/esp32-hal-tinyusb.c.o
13 Compiling /data/wz2432r024/.pioenvs/wz2432r024/FrameworkArduino/esp32-hal-touch.c.o
14 Compiling /data/wz2432r024/.pioenvs/wz2432r024/FrameworkArduino/esp32-hal-uart.c.o
15 Compiling /data/wz2432r024/.pioenvs/wz2432r024/FrameworkArduino/firmware_esp32-fat.c.o
16 Compiling /data/wz2432r024/.pioenvs/wz2432r024/FrameworkArduino/libb64/cencode.c.o
17 Compiling /data/wz2432r024/.pioenvs/wz2432r024/FrameworkArduino/main.cpp.o
18 Compiling /data/wz2432r024/.pioenvs/wz2432r024/FrameworkArduino/st7110_monisp.c.o
19 Compiling /data/wz2432r024/.pioenvs/wz2432r024/FrameworkArduino/wiring_pulse.c.o
20 Compiling /data/wz2432r024/.pioenvs/wz2432r024/FrameworkArduino/wiring_shift.c.o
21 Archiving /data/wz2432r024/.pioenvs/wz2432r024/libFrameworkArduino.a
22 Linking /data/wz2432r024/.pioenvs/wz2432r024/firmware.elf
23 RAM: [-----] 12.6% (used 41216 bytes from 327680 bytes)
24 Flash: [-----] 91.7% (used 168327 bytes from 1835008 bytes)
25 Building /data/wz2432r024/.pioenvs/wz2432r024/firmware.bin
26 Creating esp32 image...
27 Successfully created esp32 image.
28 esp32.create_combined_bin(["/data/wz2432r024/.pioenvs/wz2432r024/firmware.bin"], ["/data/wz2432r024/.pioenvs/wz2432r024/firmware.elf"])
29 Write 64x500 bytes to file /data/wz2432r024/.pioenvs/wz2432r024/firmware-factory.bin, ready to flash to offset 0x0
30 ===== [SUCCESS] Took 73.21 seconds =====
31 INFO Successfully compiled program.
32 INFO Resolving IP address of wz2432r024.local
33 INFO -> 192.168.2.241
34 INFO Uploading /data/wz2432r024/.pioenvs/wz2432r024/firmware.bin (1689008 bytes)
35 Uploading: [=====] 100% Done...
36
37 INFO Waiting for result...
38 INFO OTA successful
39 INFO Successfully uploaded program.
40 INFO Starting log output from wz2432r024.local using esphome API
41
42
43
44 - file: 'anial.tft'
45 id: font4
```

Remember this IP address: **192.168.2.241**



```
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200 201 202 203 204 205 206 207 208 209 210 211 212 213 214 215 216 217 218 219 220 221 222 223 224 225 226 227 228 229 230 231 232 233 234 235 236 237 238 239 240 241 242 243 244 245 246 247 248 249 250 251 252 253 254 255 256 257 258 259 260 261 262 263 264 265 266 267 268 269 270 271 272 273 274 275 276 277 278 279 280 281 282 283 284 285 286 287 288 289 290 291 292 293 294 295 296 297 298 299 300 301 302 303 304 305 306 307 308 309 310 311 312 313 314 315 316 317 318 319 320 321 322 323 324 325 326 327 328 329 330 331 332 333 334 335 336 337 338 339 340 341 342 343 344 345 346 347 348 349 350 351 352 353 354 355 356 357 358 359 360 361 362 363 364 365 366 367 368 369 370 371 372 373 374 375 376 377 378 379 380 381 382 383 384 385 386 387 388 389 390 391 392 393 394 395 396 397 398 399 400 401 402 403 404 405 406 407 408 409 410 411 412 413 414 415 416 417 418 419 420 421 422 423 424 425 426 427 428 429 430 431 432 433 434 435 436 437 438 439 440 441 442 443 444 445 446 447 448 449 450 451 452 453 454 455 456 457 458 459 460 461 462 463 464 465 466 467 468 469 470 471 472 473 474 475 476 477 478 479 480 481 482 483 484 485 486 487 488 489 490 491 492 493 494 495 496 497 498 499 500 501 502 503 504 505 506 507 508 509 510 511 512 513 514 515 516 517 518 519 520 521 522 523 524 525 526 527 528 529 530 531 532 533 534 535 536 537 538 539 540 541 542 543 544 545 546 547 548 549 550 551 552 553 554 555 556 557 558 559 560 561 562 563 564 565 566 567 568 569 570 571 572 573 574 575 576 577 578 579 580 581 582 583 584 585 586 587 588 589 590 591 592 593 594 595 596 597 598 599 600 601 602 603 604 605 606 607 608 609 610 611 612 613 614 615 616 617 618 619 620 621 622 623 624 625 626 627 628 629 630 631 632 633 634 635 636 637 638 639 640 641 642 643 644 645 646 647 648 649 650 651 652 653 654 655 656 657 658 659 660 661 662 663 664 665 666 667 668 669 670 671 672 673 674 675 676 677 678 679 680 681 682 683 684 685 686 687 688 689 690 691 692 693 694 695 696 697 698 699 700 701 702 703 704 705 706 707 708 709 710 711 712 713 714 715 716 717 718 719 720 721 722 723 724 725 726 727 728 729 730 731 732 733 734 735 736 737 738 739 740 741 742 743 744 745 746 747 748 749 750 751 752 753 754 755 756 757 758 759 760 761 762 763 764 765 766 767 768 769 770 771 772 773 774 775 776 777 778 779 780 781 782 783 784 785 786 787 788 789 790 791 792 793 794 795 796 797 798 799 800 801 802 803 804 805 806 807 808 809 810 811 812 813 814 815 816 817 818 819 820 821 822 823 824 825 826 827 828 829 830 831 832 833 834 835 836 837 838 839 840 841 842 843 844 845 846 847 848 849 850 851 852 853 854 855 856 857 858 859 860 861 862 863 864 865 866 867 868 869 870 871 872 873 874 875 876 877 878 879 880 881 882 883 884 885 886 887 888 889 890 891 892 893 894 895 896 897 898 899 900 901 902 903 904 905 906 907 908 909 910 911 912 913 914 915 916 917 918 919 920 921 922 923 924 925 926 927 928 929 930 931 932 933 934 935 936 937 938 939 940 941 942 943 944 945 946 947 948 949 950 951 952 953 954 955 956 957 958 959 960 961 962 963 964 965 966 967 968 969 970 971 972 973 974 975 976 977 978 979 980 981 982 983 984 985 986 987 988 989 990 991 992 993 994 995 996 997 998 999 1000
```

Remember this key:

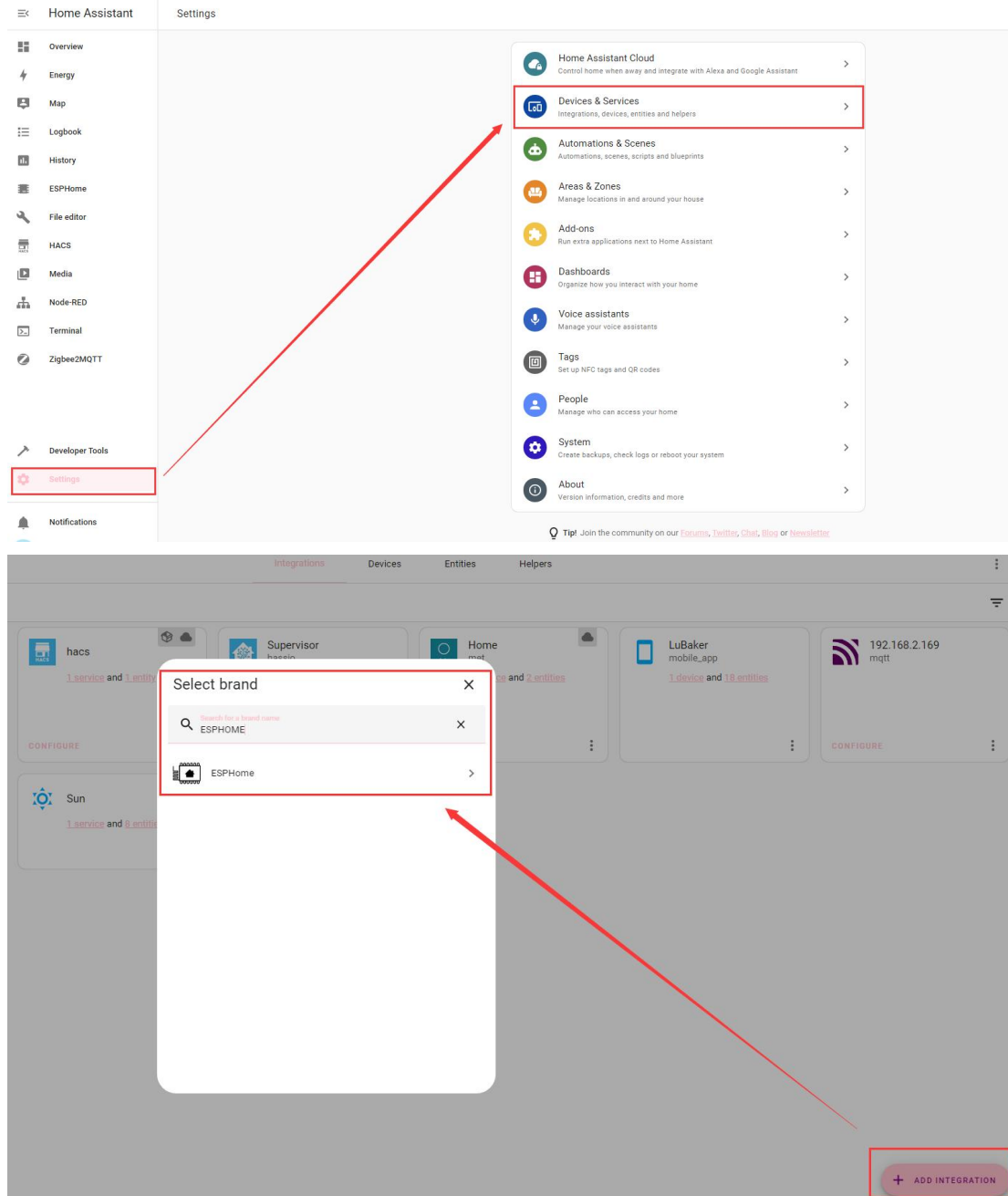


API key for hmi-2424.yaml

qiIL1gmPmYfZAT [REDACTED] = COPIED!

CLOSE

Now we begin to add our integrated devices



Enter the remembered IP address:

ESPHome

?

×

Please enter connection settings of your **ESPHome** node.

Host*

192.168.2.241

Port

6053

SUBMIT

Enter the remembered key:

ESPHome

?

×

Please enter the encryption key for . You can find it in the ESPHome Dashboard or in your device configuration.

Encryption key*

qiIL1gmPmY. [REDACTED]

SUBMIT

After completion, we can see that our device was added successfully:

Success!

?

×

Created configuration for WZ2432R024.

We found the following devices:

WZ2432R024

denky32 (Espressif)

Area

客厅

×

▼

FINISH

 ESPHome

1 HWID-00

✓

HMI-70

>





lulu

>

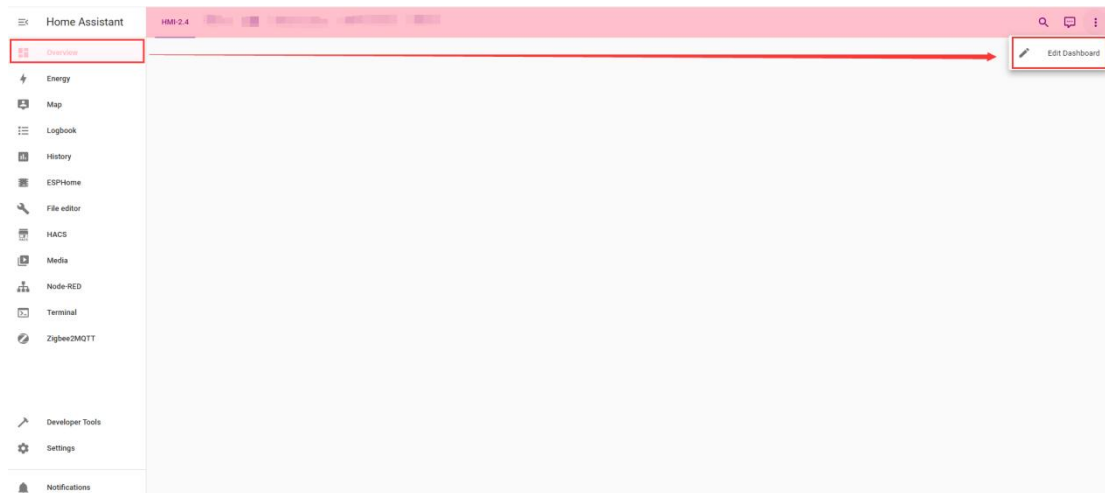
WZ2432R024

>

You can see the entities we created inside:

Integrations Devices Entities Helpers						
Search entities						
Filtering by integration 'ESPHome: WZ2432R024' CLEAR						
<input type="checkbox"/>	Name	Entity ID	Integration	Area	Disabled by	State
<input type="checkbox"/>	 WZ2432R024 bok	switch.wz2432r024_bok	ESPHome	测试	—	—
<input type="checkbox"/>	 WZ2432R024 HMI-24 Humidity	sensor.wz2432r024_hmi_24_humidity	ESPHome	测试	—	—
<input type="checkbox"/>	 WZ2432R024 HMI-24 Temperature	sensor.wz2432r024_hmi_24_temperature	ESPHome	测试	—	—
<input type="checkbox"/>	 WZ2432R024 led	switch.wz2432r024_led	ESPHome	测试	—	—

Now we start adding entities to the main interface



Which card would you like to add to your "WZ2432R024" view?

BY CARD

BY ENTITY

the entity.

30.7° 31.8° 32.5° 31.4° 31.8°
24.1° 24.2° 25.4° 25.7° 25.8°

测试
26.7 °C 52.4 %

Tile

Conditional

Entity Filter

Sun 下次清理
2 days ago

The Conditional card displays another card based on entity states.

The Entity Filter card allows you to define a list of entities that you want to track only when in a certain state.

Grid

Horizontal Stack

Webpage

The Grid card allows you to show multiple cards in a grid.

The Horizontal Stack card allows you to stack together multiple cards, so they always sit next to each other in the space of one column.

The Webpage card allows you to embed your favorite webpage right into Home Assistant.

Logbook

Vertical Stack

Shopping List

The Logbook card shows a list of events for entities.

The Vertical Stack card allows you to group multiple cards so they always sit in the same column.

The Shopping List card allows you to add, edit, check-off, and clear items from your shopping list.

Manual

Need to add a custom card or just want to manually write the YAML?

CANCEL

?



🔍 Search cards

Alarm Panel

The Alarm Panel card allows you to arm and disarm your alarm control panel integrations.

Button



HMI-2424 led

Calendar

The Calendar card displays a calendar including day, week and list views

Entities

Horizontal Stack Card Configuration



1

2

+

SHOW CODE EDITOR

← → 🗑️

Entity

WZ2432R024 led

✕ ▾

Name

Icon

mdi:lightbulb

✕ ▾

Show Name?

☒

Show State?

☐

Show Icon?

☒

Icon Height

100

px

Theme (optional)

▾

Tap Action (optional)

Toggle


ⓘ ▾

Hold Action (optional)

Default Action

ⓘ ▾

◀ ▶



WZ2432R024 led

🌡️

WZ2432... 26.62 °C

💧

WZ2432R... 50.71%

SHOW CODE EDITOR

CANCEL

Horizontal Stack Card Configuration



12+

SHOW CODE EDITOR

←→🗑

Title (optional)

Theme (optional)

☒ Show Header Toggle?

☐ Color icons based on state?

Header: None

+

Footer: None

+

◀▶

Entities (required)

Entity

WZ2432R024 HMI-24 Temperature

×

✎

Entity

WZ2432R024 HMI-24 Humidity

×

✎

Entity

▼

💡

WZ2432R024 led

🌡 WZ2432... 26.65 °C

💧 WZ2432R... 50.60%

SHOW CODE EDITOR

CANCEL

WZ2432R024 HMI-2.4-2.8 HMI-2.4-2.8-3.5 HMI-4.3-5.0-7.0

🔍🗨⋮

💡

WZ2432R024 led

🌡 WZ2432R02... 26.63 °C

💧 WZ2432R024 ... 50.92%

Click on the light:

💡

WZ2432R024 led

🌡 WZ2432R024 HMI-24 Temperature 26.80 °C

💧 WZ2432R024 HMI-24 Humidity 51.00%

Next, we make a graph of the temperature and humidity:

Which card would you like to add to your "WZ2432R024" view?

BY CARD

BY ENTITY

the entity.

30.7° 31.8° 32.5° 31.4° 31.8°
24.1° 24.2° 25.4° 25.7° 25.8°

测试
26.6°C 51.3%

Tile

Sun 下次清理
3 days ago

Conditional

The Conditional card displays another card based on entity states.

Entity Filter

The Entity Filter card allows you to define a list of entities that you want to track only when in a certain state.

Grid

The Grid card allows you to show multiple cards in a grid.

Horizontal Stack

The Horizontal Stack card allows you to stack together multiple cards, so they always sit next to each other in the space of one column.

Webpage

The Webpage card allows you to embed your favorite webpage right into Home Assistant.

Logbook

The Logbook card shows a list of events for entities.

Vertical Stack

The Vertical Stack card allows you to group multiple cards so they always sit in the same column.

Shopping List

The Shopping List card allows you to add, edit, check-off, and clear items from your shopping list.

Manual

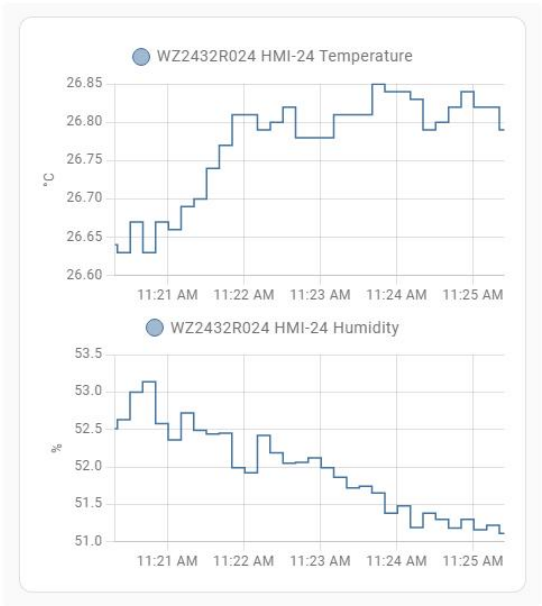
Need to add a custom card or just want to manually write the YAML?

CANCEL

History Graph Card Configuration



```
1 type: history-graph
2 entities:
3   - entity: sensor.wz2432r024_hmi_24_temperature
4   - entity: sensor.wz2432r024_hmi_24_humidity
5   hours_to_show: 1
6
```



done !

