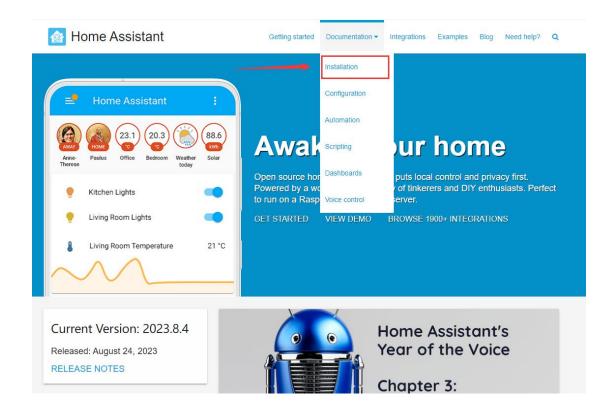
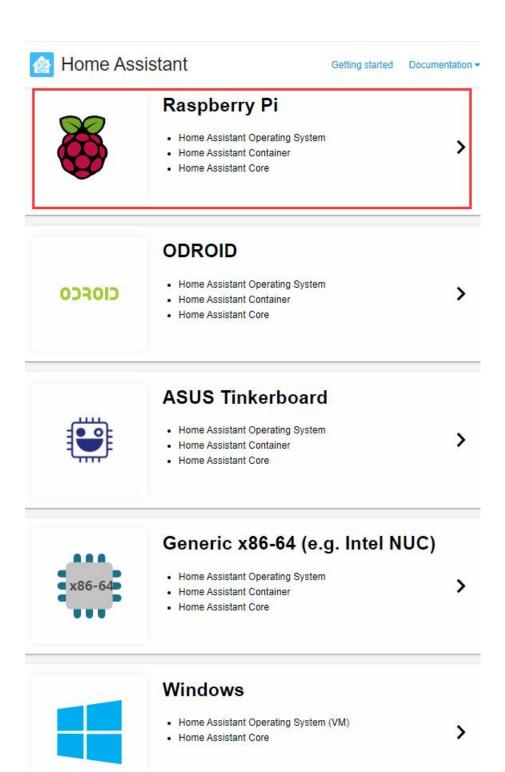
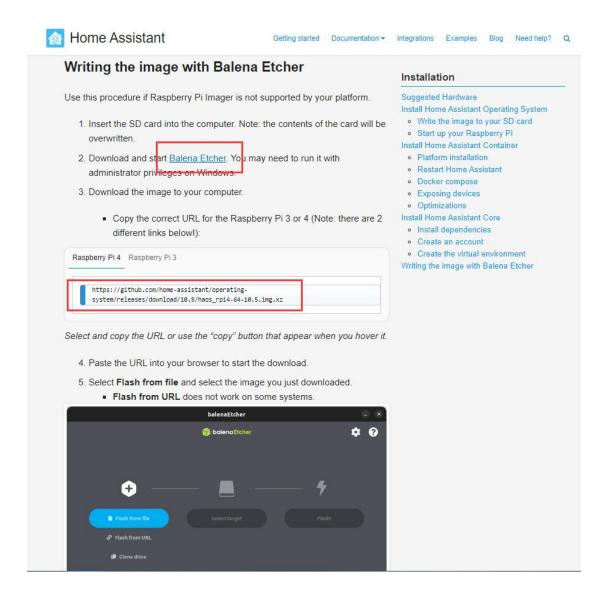
HOMEASSISTANT---ESPHOME

Terminal-SPI

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







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



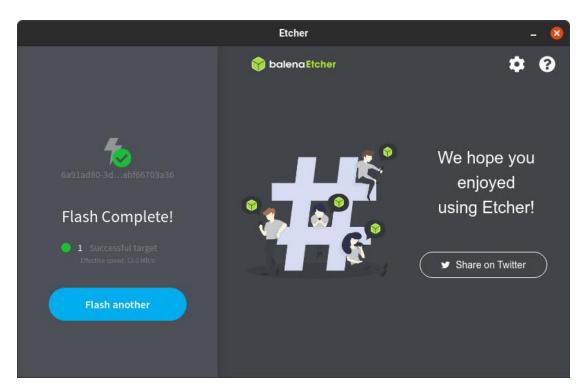
Download mirror image:

https://github.com/home-assistant/operating-system/releases/

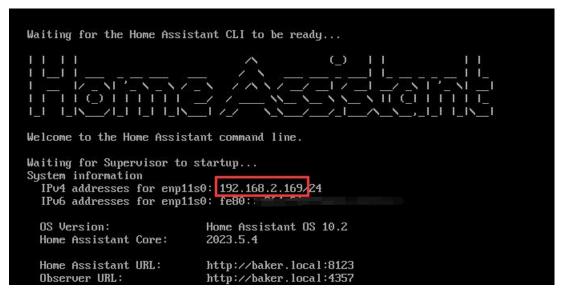
haos_ova-10.5.qcow2.xz	318 MB	last weel
♦ haos_ova-10.5.raucb	182 MB	last weel
♦ haos_ova-10.5.vdi.zip	389 MB	last week
♦ haos_ova-10.5.vhdx.zip	390 MB	last week
♦ haos_ova-10.5.vmdk.zip	389 MB	last week
haos_rpi2-10.5.img.xz	245 MB	last week
♦ haos_rpi2-10.5.raucb	115 MB	last week
haos_rpi3-10.5.img.xz	249 MB	last week
♦ haos_rpi3-10.5.raucb	120 MB	last week
♦ haos_rpi3-64-10.5.img.xz	254 MB	last weel
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
♦ Phaos_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

Burn into the mirror:





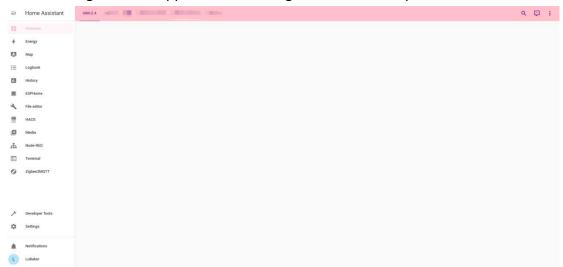
Raspberry Pi Plug in the SD card and boot on:



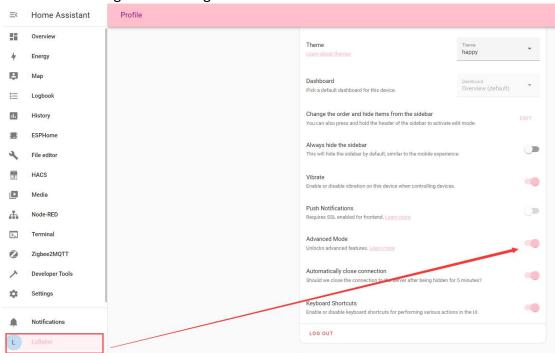
The above interface description is successful

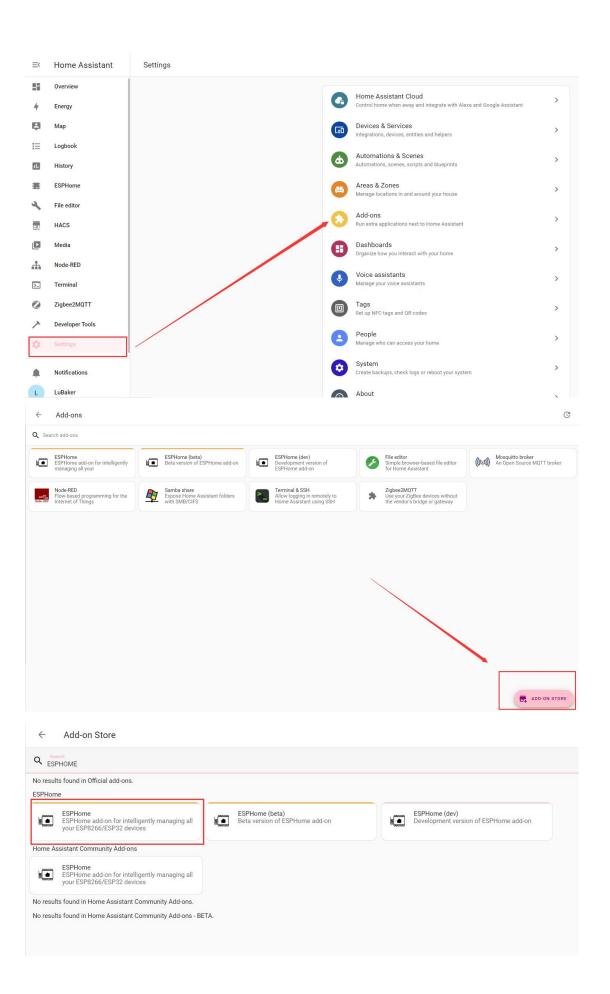
Open the website: http://192.168.2.169:8123

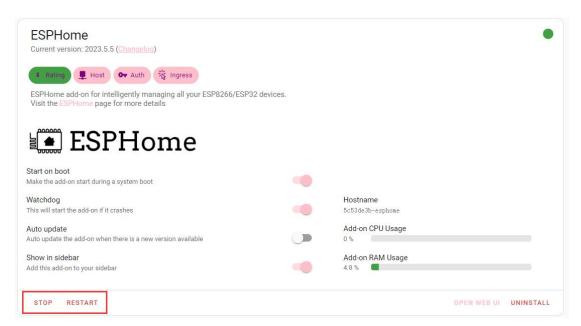
The following interface appears after setting the account and password:



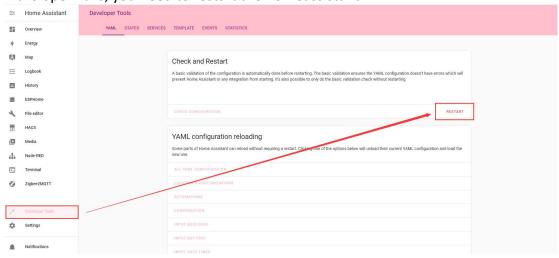
Start downloading and installing the ESPHOME



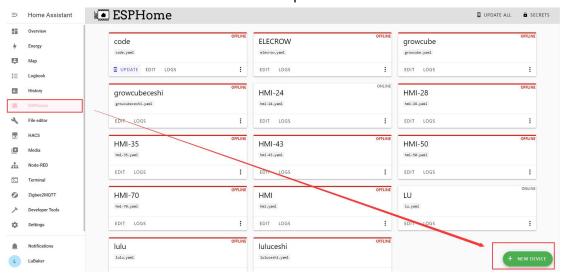


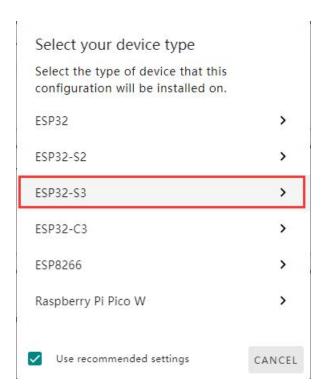


If the open fails, you need to restart the homeassistant



Create the device after the download is complete







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.

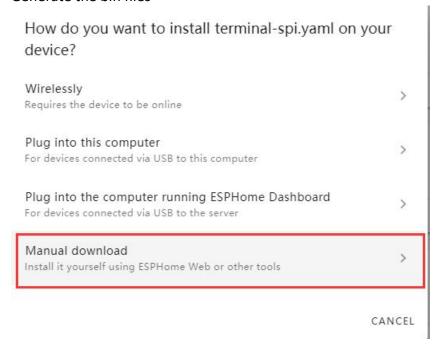
Each ESPHome device has a unique encryption key to talk to other devices. You will need this key to include your device in Home Assistant. You can find the key later in the device menu.

Encryption key qilL1gmPmYfZATxPqrYoS2MPFt8TT7PFQN!

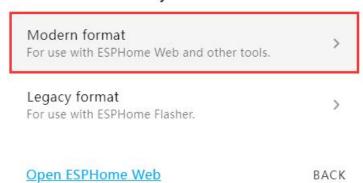
SKIP

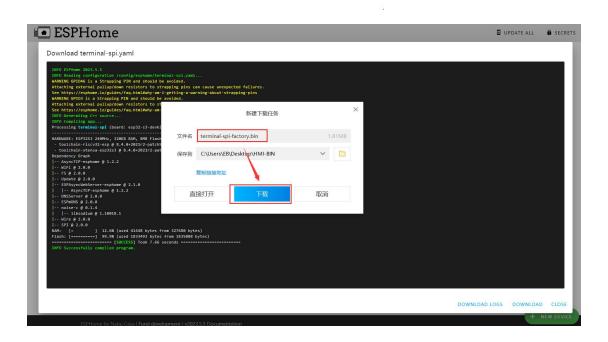
INSTALL

Generate the bin files



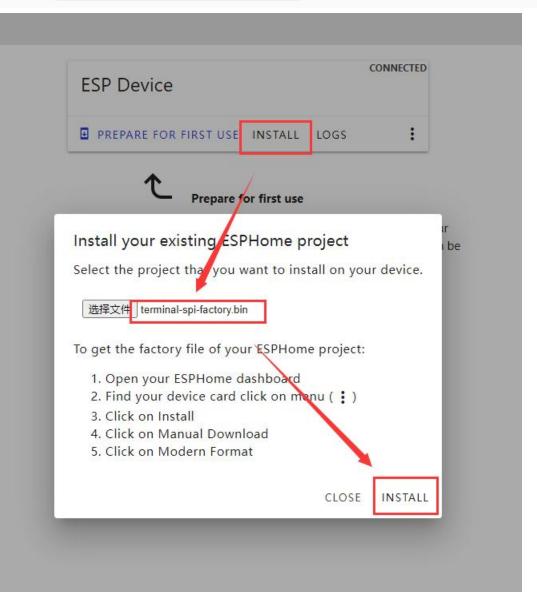
What version do you want to download?



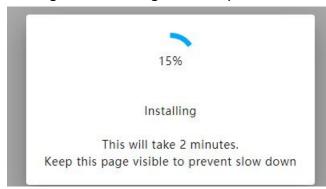


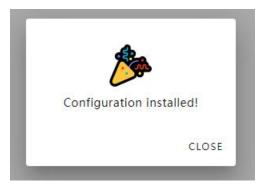
Open the website: https://web.esphome.io/?dashboard_wizard





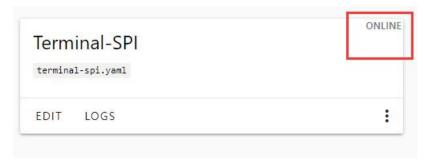
Waiting for the burning to be completed



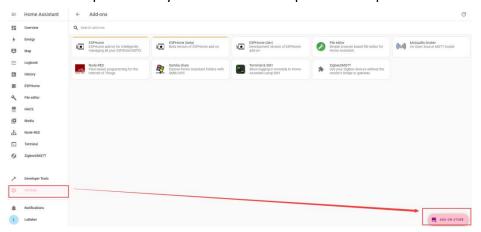


Back to the ESPHOME interface and then restart the ESP32 to see the created device in the ONLINE state

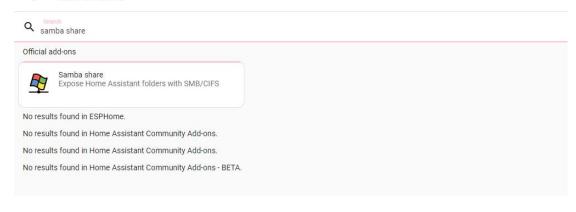
Note: Set the same WIFI account and password

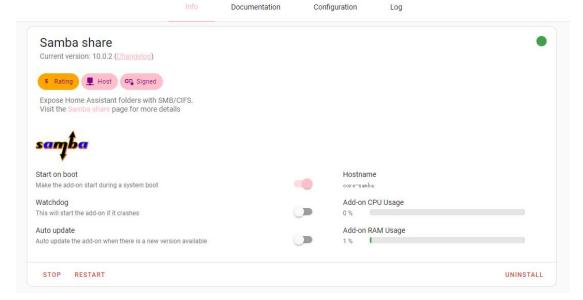


Before we start editing our code, we do some preparations: Put the picture and tft font file into the / config / esphonme directory We use a simple and easy to use tool to complete our requirements

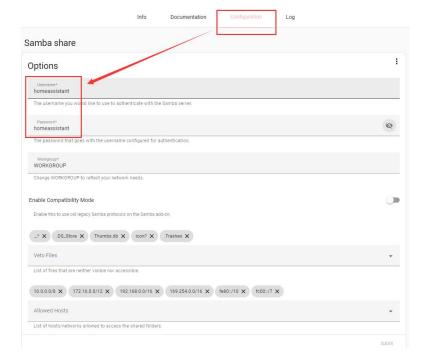


← Add-on Store

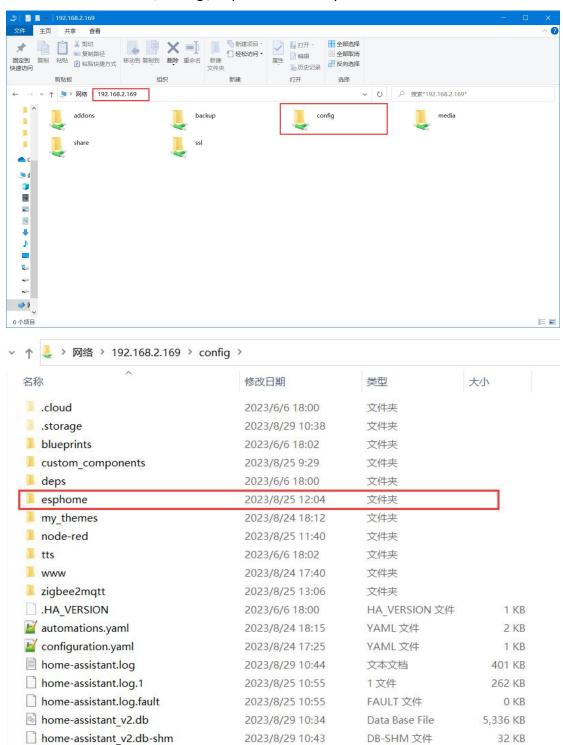




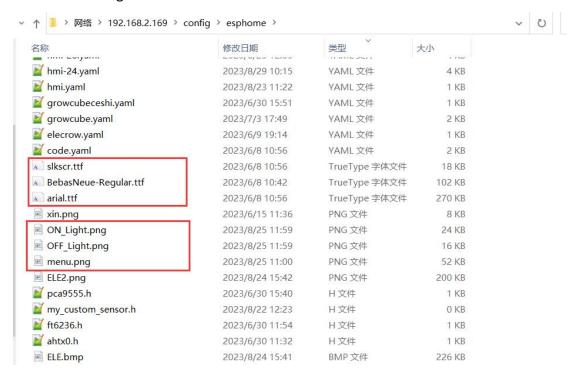
Enter the configuration interface and set up the account number and password



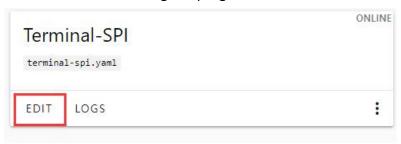
Then open my computer input \\192.168.2.169 and display the following interface, and then we enter the / config / esphome directory



Put the following files into the folder

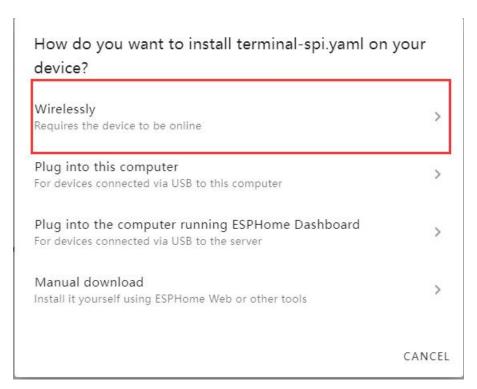


Then we can start editing the program



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





Successful burning:

```
Install terminal-spi.yaml

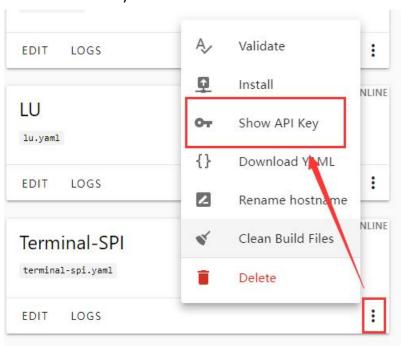
Processig terminal-spi.yaml processig terminal-spi.yaml.

Processig terminal
```

Remember this IP address: 192.168.2.128

```
INFO Starting log output from terminal-spi.local using esphone API
INFO Starting log output from terminal-spi.local
INFO Starting log o
```

Remember this key:

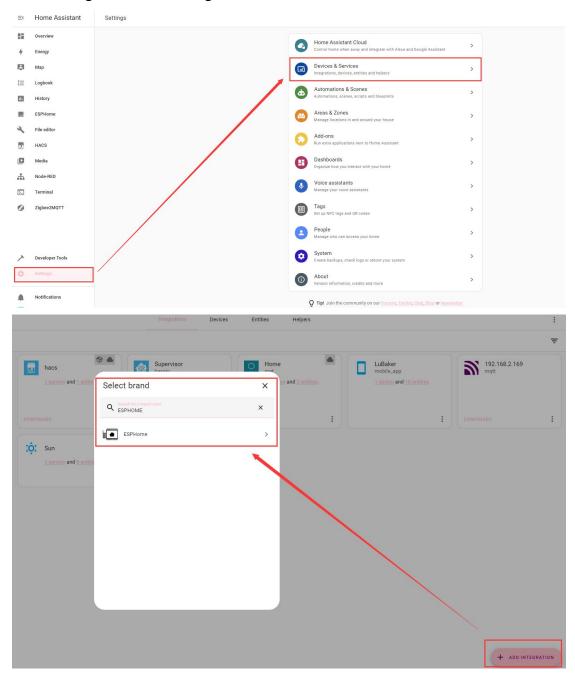


API key for hmi-2424.yaml



CLOSE

Now we begin to add our integrated devices



Enter the remembered IP address:



Enter the remembered key:

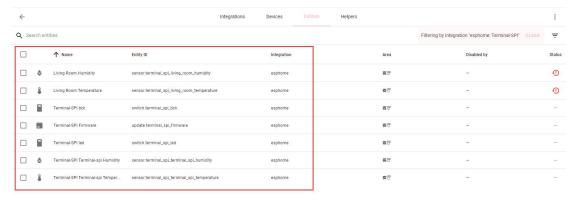


After completion, we can see that our device was added successfully:

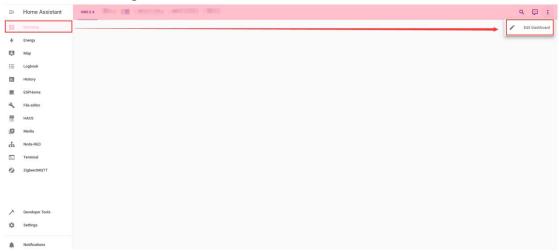


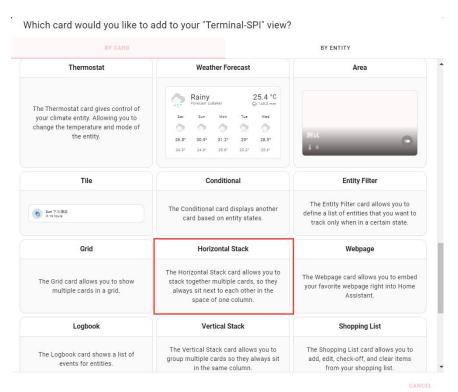


You can see the entities we created inside:



Now we start adding entities to the main interface





Horizontal Stack Card Configuration

Alarm Panel

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

Button

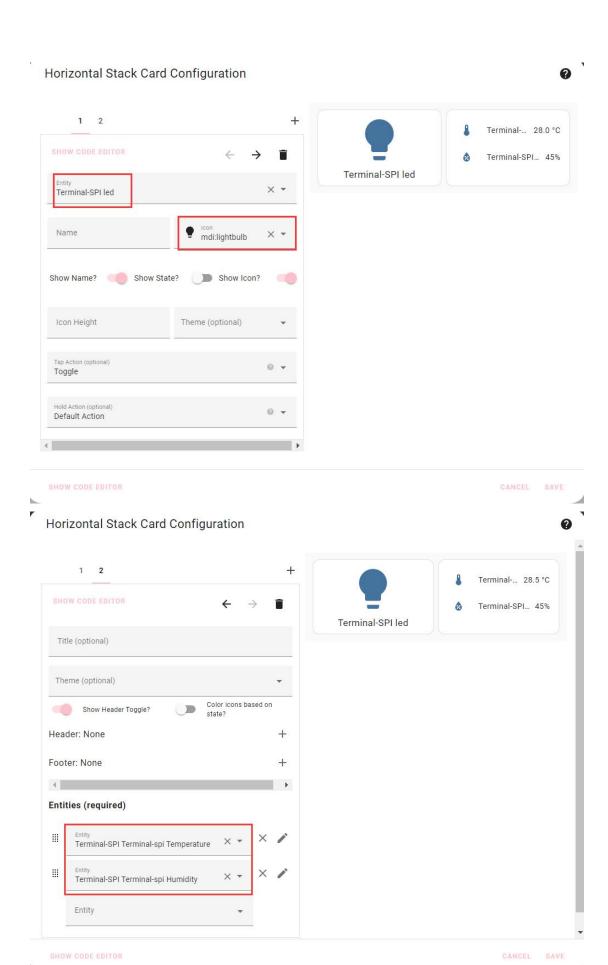
Button

Calendar

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

Entities

HOW CODE EDITOR CANCEL SAVE



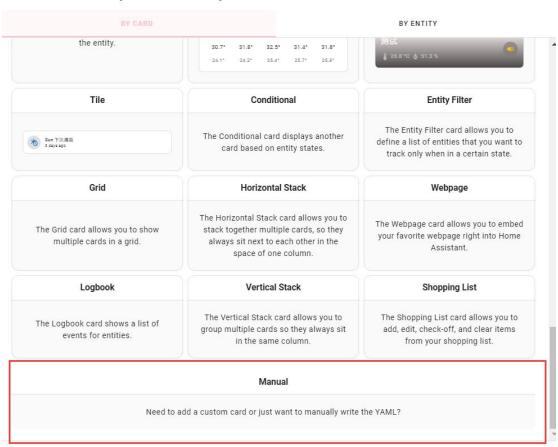


Click on the light:



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

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

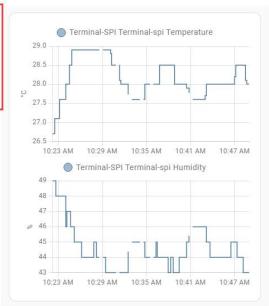


CANCEL

History Graph Card Configuration

```
type: history-graph
entities:
- entity: sensor.terminal_spi_terminal_spi_temperature
- entity: sensor.terminal_spi_terminal_spi_humidity
hours_to_show: 1

7
```



SHOW VISUAL EDITOR

CANCEL SAVE

done!

