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[flur-temperatur.yaml](#)

SSD1306 OLED Display Over I²C

substitutions:

devicename: flur-temperatur

upper_devicename: Flur Temperatur

Spezifikation

esphome:

name: \$devicename

friendly_name: \$upper_devicename

esp8266:

board: d1_mini

Enable logging

logger:

packages:

wifi: !include packages/wifi.yaml

mqtt: !include packages/mqtt.yaml

ota: !include packages/ota.yaml

time: !include packages/time.yaml

font: !include packages/font.yaml

Enable Home Assistant API

api:

Brightness: 100 cd/m2 at 12 V

captive_portal:

i2c:

sda: D2

scl: D1

scan: false

sensor:

- platform: dht

pin: D0

temperature:

name: "Flur Temperature"

id: dht22_temperature

accuracy_decimals: 1

filters:

- offset: -2.3

- delta: 0.1

humidity:

name: "Flur Humidity"

id: dht22_humidity

accuracy_decimals: 1

filters:

- offset: -7.1



screen size	1.3" (3.3 cm)
number of pixels	128x64
colour depth	monochrome (white)
pixel pitch	0.23 x 0.23 mm
pixel size	0.21 x 0.21 mm
Brightness	100 cd/m2 at 12 V
Dimensions	

```
- delta: 0.1
update_interval: 120s

display:
- platform: ssd1306_i2c
  model: "SSD1306 128x64"
  address: 0x3C
  lambda: |-
    // Titel
    it.printf(64, 0, id(f_top), TextAlign::TOP_CENTER, "DHT22");

    // Zeit
    it.strftime(0, 48, id(f_time), TextAlign::BASELINE_LEFT, "%H:%M",
id(esptime).now());

    // Feuchtigkeit
    if (id(dht22_humidity).has_state()) {
      it.printf(128, 14, id(f_data), TextAlign::TOP_RIGHT , "%.1f
%%", id(dht22_humidity).state);
    }

    // Temperatur
    if (id(dht22_temperature).has_state()) {
      it.printf(128, 32, id(f_data), TextAlign::TOP_RIGHT , "%.1f°C",
id(dht22_temperature).state);
    }
```

Nützliche Links

- [ESPHome SSD1306 OLED Display](#)

From:
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