

# Configurer son module esp32Cam

```
esphome:
  name: esp32cam-fablab
  friendly_name: ESP32 CAM Fablab

esp32:
  board: esp32cam
  framework:
    type: arduino

psram:

# Logs
logger:

# API Home Assistant
api:
  encryption:
    key: "Votre clé API qui sert à communiquer avec le logiciel ESPHome"

# OTA
ota:
  - platform: esphome
    password: "motdepasseota"

wifi:
  ssid: !secret wifi_ssid
  password: !secret wifi_password

ap:
  ssid: "ESP32CAM-Secours"
```

```
password: "12345678"

captive_portal:

# Web interface optionnelle
web_server:
  port: 80

# Configure les réglages de la caméra pour l'interface web
#esp32_camera_web_server:
# - port: 8080
#   mode: stream

# Flash LED
output:
  - platform: gpio
    pin: GPIO4
    id: flash_led

light:
  - platform: binary
    name: "ESP32 CAM Flash"
    output: flash_led

# Caméra
esp32_camera:
  name: "Camera Fablab"

external_clock:
  pin: GPIO0
  frequency: 20MHz

i2c_pins:
  sda: GPIO26
  scl: GPIO27

data_pins:
  - GPIO5
  - GPIO18
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- GPIO19
- GPIO21
- GPIO36
- GPIO39
- GPIO34
- GPIO35

vsync\_pin: GPIO25

href\_pin: GPIO23

pixel\_clock\_pin: GPIO22

power\_down\_pin: GPIO32

resolution: 1280x1024

jpeg\_quality: 10

max\_framerate: 15 fps

idle\_framerate: 0.2 fps

vertical\_flip: false

horizontal\_mirror: false

# Signal WiFi

sensor:

- platform: wifi\_signal
- name: "ESP32 CAM WiFi Signal"
- update\_interval: 60s

# Redémarrage

button:

- platform: restart
- name: "ESP32 CAM Restart"

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Révision #3

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