

# ESP32 med kamera

HORIZON



**Produktkode:** 1014

**Tilgjengelighet:** Opp til 1 mnd leveringstid

**Pris:** kr. 260,00

## Short Description

M5Stack ESP32 Camera Module Development Board OV2640 Camera Type-C Grove Port

## Beskrivelse

ESP32CAM

## DESCRIPTION

The ESP32CAM is a tiny module based on ESP32 chip and OV2640. You can even program the ESP32CAM through the ESP-IDF by installing the ESP32 Core.

The ESP32CAM equips the ESP32 with everything necessary to program, run and develop on the wonderchip. It also features a LiPo charger (IP5306), so your ESP32CAM project can be battery-powered and truly wireless. Additionally, the board reserved the MPU6050, BME280 and an analog MIC.

## FEATURES

ESP32 specifications

Dual-core Tensilica LX6 microprocessor

Up to 240MHz clock frequency

520kB internal SRAM

4MB Flash memory

Integrated 802.11 BGN WiFi transceiver

Integrated dual-mode Bluetooth (classic and BLE)

Hardware accelerated encryption (AES, SHA2, ECC, RSA-4096)

CP2104 USB TTL  
OV2640 sensor  
Output Formats(8-bit):  
YUV(422/420)/YCbCr422  
RGB565/555  
8-bit compressed data  
8-/10-bit Raw RGB data  
Maximum Image Transfer Rate  
UXGA/SXGA: 15fps  
SVGA: 30fps  
CIF: 60fps  
Scan Mode: Progressive  
Camera specifications  
CCD size : 1/4inch  
Field of View : 78 degree  
Maxmium Pixel: 200W  
Sensor best resolution: 1600 \* 1200  
Dimension: 25mm x 24mm  
Weight: 5g

### **GitHub info og libraries**

<https://github.com/m5stack/esp32-cam-demo>

Koble kortet tli Arduino IDE og kjør Vertøy/Seriall overvåker med hastighet 115200

Koble til WiFi MSCam.

I en nettleser velg url-adresse 192.168.4.1.

Video vises da i nettleseren.

For ansiktsgjenkjenning, se [https://www.youtube.com/watch?v=\\_JwMuvFVMsM](https://www.youtube.com/watch?v=_JwMuvFVMsM) og <https://github.com/espressif/esp-who>

### **Product Gallery**

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