ESP32 med kamera



Produktkode: 363aa
Tilgjengelighet: Opp til 1 mnd leveringstid
Weight: 5.00g

Pris: kr. 260,00

Kort beskrivelse
M5Stack ESP32 Camera Mod ule 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 og https://github.com/espressif/esp-who

Produktgalleri

HORIZON



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