

FIT0701 USB Camera Module

0.3MP USB Camera for Raspberry Pi and NVIDIA Jetson Nano

Product Overview

07-26-2022

For the most up-to-date information, visit www.mouser.com or the supplier's website.

Description

DFRobot FIT0701 USB Camera Module is a driver-free camera with 0.3MP (0.3 MegaPixels) and 640 x 480 resolution designed for Raspberry Pi and NVIDIA. This USB camera module comes with a compact size of 30mm x 25mm x 21.4mm which makes the module to be embedded in a variety of devices. The FIT0701 module is suitable for applications like face identification, image recognition, security and protection, and remote teaching.



Features

- CMOS photosensitive element
- Auto AGC/AEC/AWB
- $650 \pm 10\text{nm}$ infrared filter
- Supports MJPG and YUV format
- $<0.03\%$ of V_{pp} FPN
- USB 2.0 connector
- 30W
- 0.3MP
- 640 x 480 resolution
- 5V operating voltage
- -20°C to 70°C operating temperature range
- FCC and CE certification
- 30mm x 25mm x 21.4mm dimensions
- Supports Windows, iOS, Android, and Linux operating system

Specifications

- Face identification
- Image recognition
- Security and protection
- Remote teaching

Mouser Part Number

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To learn more, visit <https://www.mouser.com/new/dfrobot/dfrobot-fit0701-usb-camera-module/>