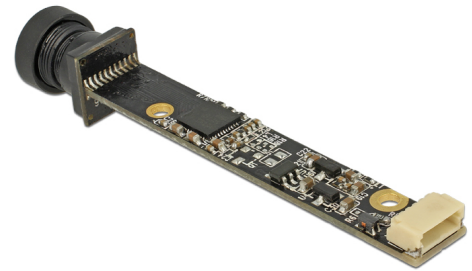# Delock USB 2.0 Camera Module 5.04 megapixel lens side facing 55° V5 fix focus

## Description

The USB 2.0 camera module by Delock offers in compact construction low power consumption as well as high resolution. It is ideally suited for installation in industrial components like IPCs, embedded systems, sensors, notebooks, smartphones, tablets and equipment construction. The use of a photosensitive sensor with back side illumination (BSI) expands the scope of this module.

### Item no. 96383

EAN: 4043619963836

Country of origin: China

Package:

## Specification

- Connector: USB 2.0 5 pin jack SMT, 1 mm pitch
- Resolution: 5.04 megapixel
- With optical IR filter
- Supported formats:
  MJPG (compressed)
  YUYV: YUV 4:2:2
- Maximum resolution: QSXGA (2592 x 1944)
- Automatic image control functions including
  - Automatic exposure control (AEC)
  - Automatic white balance (AWB)
  - Automatic band filter (ABF)
  - Automatic black-level calibration (ABLC)
- Image quality controls including colour saturation, gamma, sharpness (edge enhancement), lens correction, white pixel canceling, noise canceling, and automatic 50/60 Hz luminance detection
- Supports scaling
- Power consumption:
  Sensor suspend: 90 mA
  Sensor active: 140 mA ± 5 mA @ 640 x 480 pixel

- Operating voltage: 5 V DC
- Operating temperature: 5 °C ~ 50 °C
- Relative humidity during operation: max. 80 %
- Sensor size: 1/4 inch
- Sensitivity: 0.6 V (lx s)
- Signal to noise ratio: 36 dB
- Dynamic range: 68 dB
- Fix focus: 0.3 m ~ infinite
- Lens: F/3.0
- Frame rates:
  30 fps @ HVGA, VGA, XGA, 720p, QVGA
  15 fps @ UXGA, 1080p, QXGA
  7 fps @ 2592 x 1944
- Dimensions (LxWxH): ca. 62.8 x 8.0 x 12.0 mm

## System requirements

- PC with UVC support
- Windows 7 / 7-64 / 8.1 / 8.1-64 / 10 / 10-64
- DirectX 9.0c and above
- Linux 2.6.15 and above with Video4Linux
- Minimum CPU P4 1.4 GHz, 512 MB RAM

## Package content

- Camera module
- CD-ROM with user manual

## Images

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## General

| | |
|---|---|
| Supported operating system: | Linux Kernel 2.6.15 and above<br>Windows 10 32-Bit<br>Windows 10 64-Bit<br>Windows 7 32-Bit<br>Windows 7 64-Bit<br>Windows 8 32-bit<br>Windows 8 64-bit<br>Windows 8.1 32-Bit<br>Windows 8.1 64-Bit |
| Operating system requirement: | Windows DirectX from 9.0c<br>Linux with Video4Linux |

## Interface

| | |
|---|---|
| connector: | USB 2.0 |

## Technical characteristics

| | |
|---|---|
| Operating voltage: | 5 V |
| Operating temperature: | 5 °C ~ 50 °C |
| Maximum screen resolution: | 2592 x 1944 @ 7 fps |
| Minimum screen resolution: | 160 x 144 @ 30 fps |
| Sensor Size: | 1/4" |
| Current consumption: | 140 mA @ 640 x 480 |

## Physical characteristics

| | |
|---|---|
| Length: | 62.8 mm |
| Width: | 8 mm |
| Height: | 10 mm |