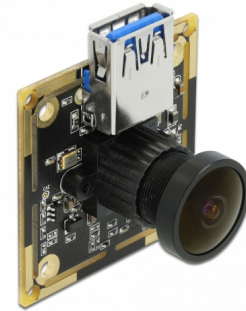# Delock USB 3.2 Gen 1 Camera Module 4.91 mega pixel 120° fix focus

Description

This USB 3.2 Gen 1 camera module by Delock offers in a compact construction a high resolution and low power consumption. It is ideally suited for installation in industrial components like **IPCs, embedded systems, sensors** and in **device manufacture**. The use of a photosensitive sensor with back side illumination (BSI) expands the scope of this module.

Item no. 96398

EAN: 4043619963980

Country of origin: China

Package:

Specification

- Connector: 1 x SuperSpeed USB (USB 3.2 Gen 1) Type-A female
- Resolution: 4.91 megapixel
- With optical IR filter
- Maximum resolution: 2560 x 1920
- 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
- Current consumption:
  sensor active: 300 mA ± 5 mA @ 2560 x 1920
- Operating voltage: 5 V DC
- Operating temperature: 0 °C ~ 60 °C
- Operating humidity: 0 ~ 85 %
- Sensor size: 1/4"
- Pixel size: 2.2 μm x 2.2 μm
- Sensitivity: 1.4 V / lx s

- Signal-to-noise ratio (SNR): ca. 38.1 dB
- Dynamic range: 70.1 dB
- Fix focus: 10 cm - infinite
- Aperture: F/2,5
- Frame rates MJPG:
  15 fps @ 2560 x 1920
  15 fps @ 2048 x 1536
  22 fps @ 2048 x 1528
  15 fps @ 1600 x 1200
  50 fps @ 1280 x 720
  39 fps @ 640 x 480
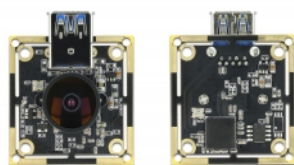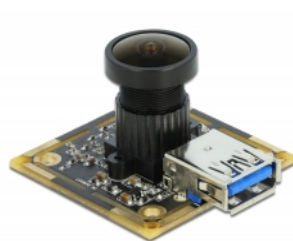- Dimensions (LxWxH): ca. 38 x 38 x 26 mm

System requirements

- PC with UVC support
- Linux Kernel 2.6.15 and above with Video4Linux
- Windows 7/7-64/8.1/8.1-64/10/10-64
- DirectX 9.0c or above

Package content

- Camera Module

Images

General

Supported operating system:	Android 8.0 or above Linux Kernel 2.6.15 and above Windows 10 32-Bit Windows 10 64-Bit Windows 7 32-Bit Windows 7 64-Bit Windows 8 32-bit Windows 8 64-bit Windows 8.1 32-Bit Windows 8.1 64-Bit
Operating system requirement:	Windows DirectX from 9.0c Linux with Video4Linux

Interface

connector:	1 x USB 5 Gbps Type-A female

Technical characteristics

Operating voltage:	5 V DC
Operating temperature:	0 °C ~ 60 °C
Maximum screen resolution:	2560 x 1920
Minimum screen resolution:	640 x 480
Sensor Size:	1/4"

Physical characteristics

Length:	38 mm
Width:	38 mm
Height:	26 mm