

# Delock USB 2.0 Camera Module with Global Shutter black / white 0.92 mega pixel 36° fix focus

## Description

This USB 2.0 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.



## Global shutter

The module has a global shutter. This makes it predestined for images of fast moving objects.

**Item no. 96397**

EAN: 4043619963973

Country of origin: China

Package:

## Specification

- Connector: 1 x 4 pin USB 2.0 pin header female SMT, pitch 1.5 mm
- Pin assignment:
  - Pin 1 - GND
  - Pin 2 - USB D+
  - Pin 3 - USB D-
  - Pin 4 - VCC
- Resolution: 0.92 megapixel
- With optical IR filter
- Maximum resolution: 1280 x 720
- 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 gamma, sharpness (edge enhancement), lens correction, white pixel canceling, noise canceling, and automatic 50 / 60 Hz luminance detection
- Current consumption:
  - sensor active: 100 mA ± 5 mA @ 1280 x 720

- Operating voltage: 5 V DC
- Operating temperature: 5 °C ~ 50 °C
- Operating humidity: 0 ~ 80 %
- Sensor size: 1/4"
- Fix focus: 1 m - infinite
- Aperture: F/2,5
- Frame rates: 120 fps @ 1280 x 720 - 160 x 120
- Dimensions (LxWxH): ca. 38 x 38 x 29 mm

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## 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

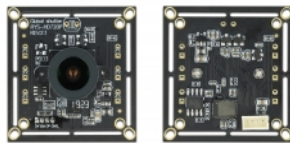
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## Package content

- Camera Module

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## 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 WTB 1.5 mm Pitch
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## 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"
Fixed focus:	1 m to infinity

## Physical characteristics

Length:	38 mm
Width:	38 mm
Height:	29 mm