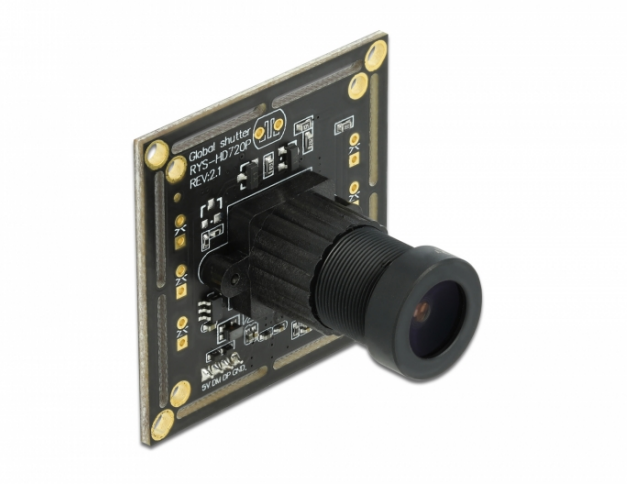
Delock USB 2.0 Camera Module with Global Shutter black / white 0.92 mega pixel 32° fix focus

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.



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

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

Item no. 96397

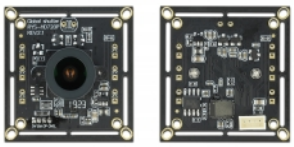
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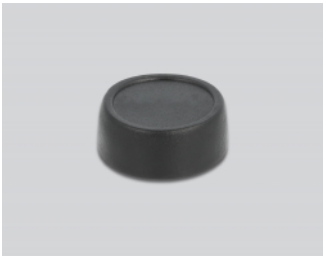
Country of origin: China

Package:

Images







General	
Supported operating system:	Linux Kernel 2.6.15 and above
	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
	Windows 10 32-bit
	Windows 10 64-bit
	Android 8.0 or above
Operating system requirement:	Windows DirectX from 9.0c
	Linux with Video4Linux
Interface	
connector:	1 x WTB 1.5 mm Pitch
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