



Delock USB 2.0 Camera Module with HDR 2.1 mega pixel 94° V6 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.

HDR - High Dynamic Range

Allows to increase the overall dynamic range to ensure more detailed images in scenes with bright and dark areas.



Item no. 12064

EAN: 4043619120642 Country of origin: China Package: Retail Box

Specification

Connector: 1 x 4 pin USB 2.0 pin header female SMT, pitch 1.5 mm

• Resolution: 2.1 megapixel

Sensor: PS4231With optical IR filter

Maximum resolution: 1080p @ 30 fps (1920 x 1080)

• Image sensor processor functions:

Automatic black-level calibration (ABLC)

Embedded Local Tone Mapping

Black sun cancellation by CMOS sensors

• Current consumption: ca. 100 mA

• Operating voltage: 5 V DC

• Operating temperature: -10 °C ~ 70 °C

Operating humidity: ≤ 80 %

• Sensor size: 1/2.7"

• Sensitivity: 5.8 V / Ix s

Signal-to-noise ratio (SNR): ca. 41 dB

• Dynamic range: 85 dB

• Fix focus: 0.3 m - infinite

• Aperture: F/2.8



- Lens thread: M12
- Frame rates: all resolutions MJPG 30 fps
- Dimensions (LxWxH): ca. 38.0 x 38.0 x 16.5 mm

System requirements

- Device with UVC support
- Windows 10/10-64/11
- DirectX 9.0c or above
- Linux Kernel 2.6.15 and above with Video4Linux

Package content

• Camera Module

Images













General

Supported operating system:	Linux Kernel 2.6.15 and above Windows 10 32-Bit Windows 10 64-Bit Windows 11
Operating system requirement:	Windows DirectX from 9.0c Linux with Video4Linux

Interface

Technical characteristics

Operating voltage:	5 V DC
Operating temperature:	-10 °C ~ 70 °C
Maximum screen resolution:	1080p
Sensor Size:	1/2.7"
Current consumption:	100 mA

Physical characteristics

Length:	38.0 mm
Width:	38.0 mm
Height:	16.5 mm