

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

Technical details

- Connector: 1 x 4 pin USB 2.0 pin header female SMT, pitch 1.5 mm
- Resolution: 2.1 megapixel
- Sensor: PS4231
- With 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 / lx 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

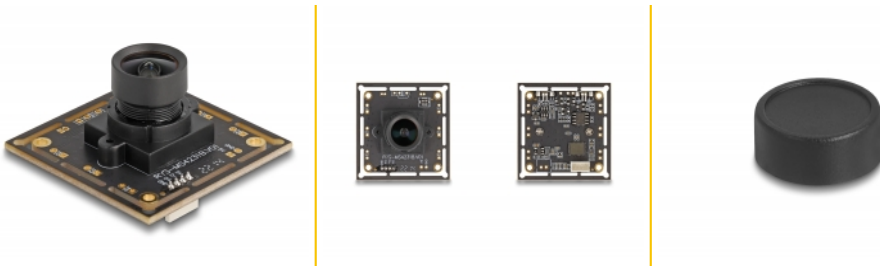
System requirements

- 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

| | |
|------------|--|
| connector: | 1 x 4 pin USB 2.0 pin header female SMT , pitch 1.5 mm |
|------------|--|

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 |