

# Delock USB 2.0 Camera Module with WDR 2.1 mega pixel IMX291LQR-C Sony® Starvis™ 81 ° V7 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.



## WDR - Wide Dynamic Range

It allows the adjustment of the brightest and darkest parts of the image to improve the quality of the still image.

**Item no. 12074**

EAN: 4043619120741

Country of origin: China

Package: Retail Box

## Specification

- Connector: 1 x 4 pin USB 2.0 pin header female SMT, pitch 2.0 mm
- Resolution: 2.1 megapixel
- Sensor: IMX291LQR-C Sony® Starvis™
- With optical IR filter
- 2 x Microphone
- Maximum resolution: 1080p @ 30 fps (1920 x 1080)
- Current consumption: ca. 100 mA
- Operating voltage: 5 V DC
- Operating temperature: -20 °C ~ 70 °C
- Operating humidity: ≤ 80 %
- Sensor size: 1/2.8"
- Sensitivity: 1 V / lx s
- Signal-to-noise ratio (SNR): ca. 29.4 dB
- Dynamic range: 74 dB
- Automatic white balance (AWB)
- Fix focus: 0.3 m - infinite
- Aperture: F/2.7
- Lens thread: M12
- Frame rates: all resolutions MJPG 30 fps

- Dimensions (LxWxH): ca. 32.0 x 32.0 x 22.3 mm

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## 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

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## Package content

- Camera Module

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## 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 WTB female
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## Technical characteristics

Operating voltage:	5 V DC
Microphone:	2 x
Operating temperature:	-20 °C ~ 70 °C
Maximum screen resolution:	1080p
Sensor Size:	1/2.8"
Current consumption:	100 mA

## Physical characteristics

Length:	32.0 mm
Width:	32.0 mm
Height:	22.3 mm