

# Delock USB 2.0 Camera 2.1 megapixel 100° fix focus

## Description

The USB 2.0 camera 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 camera.



**Item no. 96378**

EAN: 4043619963782

Country of origin: China

Package: Retail Box

## Specification

- Connector: 1 x USB 2.0 Type-A male
- Resolution: 2.1 megapixel
- With optical IR filter
- Output support for YUY2, MJPG
- Maximum resolution: 1080p (1920 x 1080)
- 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 colour saturation, gamma, sharpness (edge enhancement), lens correction, white pixel canceling, noise canceling, and automatic 50 / 60 Hz luminance detection
- Supports scaling
- Current consumption:
  - sensor active: 430 mA  $\pm$  5 mA @ 640 x 480 pixel
- Operating voltage: 5 V DC
- Operating temperature: 0 °C ~ 60 °C
- Sensor size: 1/2.7"
- Sensitivity: 0.6 V (lx s)

- Signal-to-noise ratio (SNR): ca. 39 dB
- Dynamic range: 69 dB
- Fix focus: 5 cm - 100 m
- Lens: F/2.7
- Frame rates:
  - 30 fps @ 1920 x 1080, 1280 x 800, 1280 x 720, 1024 x 768, 840 x 480, 640 x 360, 640 x 480, 352 x 288
  - 20 fps @ 848 x 480, 800 x 600
  - 10 fps @ 1280 x 800, 1280 x 720, 1024 x 768
- Dimensions (LxWxH): ca. 35.8 x 35.8 x 23.5 mm
- Cable length without connector: ca. 1.95 m

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## System requirements

- Android 4.0 or above
- Linux Kernel 2.6 or above
- Mac OS 10.4.8 or above
- Windows XP/Vista/7/7-64/8.1/8.1-64/10/10-64
- PC with UVC support
- Minimum CPU P4 1.4 GHz, 512 MB RAM

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## Package content

- Camera
- CD with user manual

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## Images



Operation system:	Windows 8.1 64-Bit Windows 8.1 32-Bit Windows 7 64-Bit Windows 7 32-Bit ex Linux Kernel 2.6.x ex Mac OS 10.4.8 ex Android 4.0
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## Interface

connector:	1 x USB 2.0 Type-A male
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## Technical characteristics

Operating voltage:	5 V DC
Operating temperature:	0 °C ~ 60 °C
Maximum screen resolution:	1080p (1920 x 1080)
Sensor Size:	1/2.7"
Current consumption:	30 mA ± 5 mA @ 640 x 480 Pixel
Sensibility:	0.6 V (lx s)
Resolution:	2.1 megapixel up to 1920 x 1080 @ 30 Hz
Signal noise ratio (SNR):	39 dB
Frame rate:	30 fps @ 1920 x 1080, 1280 x 800, 1280 x 720, 1024 x 768, 840 x 480, 640 x 360, 640 x 480, 352 x 288 20 fps @ 848 x 480, 800 x 600 10 fps @ 1280 x 800, 1280 x 720, 1024 x 768
Fixed focus:	5 cm - 100 m
Dynamic range:	69 dB

## Physical characteristics

Housing material:	metal
Length:	35.8 mm



Width:	35.8 mm
Height:	23.5 mm