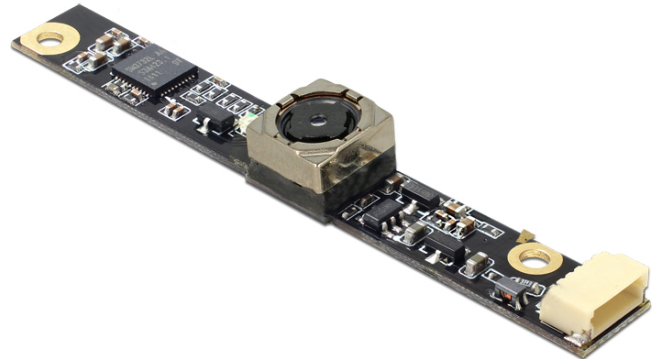


Delock USB 2.0 Camera Module 3.14 Megapixel 62° Auto Focus

Description

The Delock USB 2.0 camera module offers a very compact design, high resolution and low power consumption. It is ideally suited for integration into your projects. This camera module is the successor of the module 95933. It is mechanical and pin compatible to him. The use of a photosensitive sensor with back side illumination (BSI) expands the scope of this module.



Specification

- USB 2.0 high speed
- 3.14 Mega Pixel
- Standard SCCB interface (I²C Bus)
- Output support for RAW RGB, RGB565/555/444, CCIR656, YUV422/420, YCbCr422 and compression
- Supports resolutions: QXGA (2048 x 1536)
- Different fully-automated shutter priority:
 - 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 autom. 50/60 Hz luminance detection
- Supports scaling
- Power consumption:
 - Sensor suspend: 90 mA
 - Sensor active: 140 mA ± 5 mA @ 640x480
- Low operating voltage 5 V
- Operating temperature: 5 ~ 40 °C
- Relative humidity during operation: max. 20 – 80 %
- Lense dimension: 1/4 inch
- Sensitivity: 0.6 V (Lux. sec)
- Signal-to-noise ratio: 36 dB
- Dynamic range: 68 dB
- Auto focus
- Lense: F/2.8
- Frame rates:
 - 30fps @ HVGA, VGA, XGA, 720p, QVGA
 - 15fps @ UXGA, 1080p, QXGA
- Dimension (LxWxH): 60 x 8 x 5.8 mm

System requirements

- PC with UVC support
- Win Vista/ 7/ 8,
- MS DirectX 9.0c and above
- Linux 2.6.15 and above with Video4Linux
- Minimum P4 1.4 GHz, 128 MB RAM

Package content

- Camera module

Item no. 95999

EAN: 4043619959990

Country of origin: China

Package: Poly bag



- CD

Images

