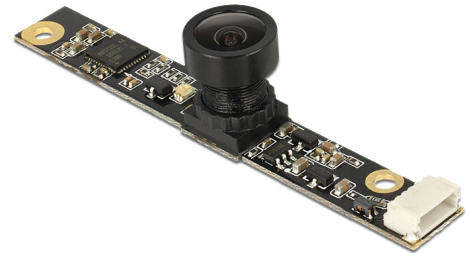


Delock USB 2.0 Camera Module 3.14 mega pixel 80° V5 fix focus

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.



Item no. 95978

EAN: 4043619959785

Country of origin: China

Package:

Technical details

- Connector: 1 x 5 pin USB 2.0 pin header female SMT, pitch 1.00 mm
- Resolution: 3.14 megapixel
- With optical IR filter
- Standard SCCB interface (I²C Bus)
- Output support for RAW RGB, RGB565/555/444, CCIR656, YUV422/420, YCbCr422 and compression
- Maximum resolution: QXGA (2048 x 1536)
- 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
- Power consumption:
 - Sensor suspend: 90 mA
 - sensor active: 430 mA ± 5 mA @ 640 x 480 pixel

- Operating voltage: 5 V DC
- Operating temperature: 5 °C ~ 50 °C
- Operating humidity: ≤ 80 %
- Sensor size: 1/4"
- Sensitivity: 0.6 V / lx s
- Signal-to-noise ratio (SNR): ca. 36 dB
- Dynamic range: 68 dB
- Fix focus: 0.3 m - infinite
- Aperture: F/2,5
- Frame rates:
 - 30 fps @ HVGA, VGA, XGA, 720p, QVGA
 - 15 fps @ UXGA, 1080p, QXGA
- Dimensions (LxWxH): ca. 60 x 8 x 13 mm

System requirements

- PC with UVC support
- Windows Vista/7/8.1/10/10-64
- DirectX 9.0c or above
- Linux Kernel 2.6.15 and above with Video4Linux
- Minimum CPU P4 1.4 GHz, 512 MB RAM

Package content

- Camera Module
- CD with user manual

Images

