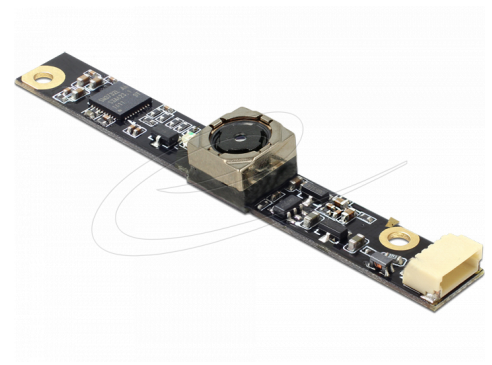


# USB 2.0 Camera Module 3.14 mega pixel 62° auto focus

## 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. 95999**

EAN: 4043619959990

Country of origin: China

Package: Zip poly bag

## 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 (I<sup>2</sup>C 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: 140 mA ± 5 mA @ 640 x 480 Pixel
- Operating voltage: 5 V DC
- Operating temperature: 5 °C ~ 40 °C
- Operating humidity: 20 ~ 80 %
- Sensor size: 1/4"

- Sensitivity: 0.6 V / lx s
- Signal-to-noise ratio (SNR): ca. 36 dB
- Dynamic range: 68 dB
- Auto focus
- Aperture: F/2.8
- Frame rates:
  - 30 fps @ HVGA, VGA, XGA, 720p, QVGA
  - 15 fps @ UXGA, 1080p, QXGA
- Dimensions (LxWxH): ca. 60 x 8 x 5.8 mm

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## 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, 128 MB RAM

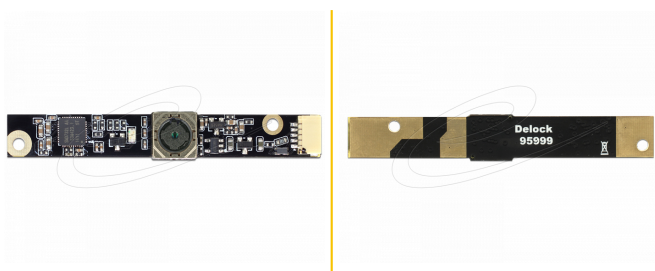
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## Package content

- Camera Module
- CD with user manual

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## Images



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## Manufacturer information

|             |                   |
|-------------|-------------------|
| Street      | Beeskowdamm 13/15 |
| Postal code | 14167             |
| City        | Berlin            |
| Country     | Deutschland       |
| E-Mail      | info@delock.de    |
| Website     | www.delock.de     |