



Model:

C-B3

Type:

MICROSCOPE CAMERA "BUDGET" SERIES

Description:

USB 2.0 C-mount and Eyepiece Microscope Camera**CAMERA SPECIFICATION**

| | |
|------------------------------|------------------------------|
| Digital camera resolution | 3.1 MP (2048 x 1536) |
| Signal output | USB 2.0 |
| Sensor Size | 1/2" |
| Sensor technology | CMOS |
| Sensor type | Aptina CMOS |
| Image format | 4/3 |
| Pixel size | 3.2 x 3.2 μm |
| Frame rate full resolution | 12 fps (2048 x 1536) |
| Frame rate other resolutions | 45 fps (680 x 510) |
| Sensitivity | 1 V/lux-second |
| Signal / noise ratio | 43 dB |
| Dynamic range | 61 dB |
| ADC conversion | 8 Bit |
| Color Depth | 1 Bit ; 4 Bit; 8 Bit; 24 Bit |
| Exposure Time | 0.244 msec - 2 sec |
| Binning | 1x1; 2x2; 3x3 |
| IR filter | 380-650 nm (IR-cut filter) |
| Camera power | PC USB |
| C-mount | YES |

ACCESSORIES

| | |
|--|--------------------------------|
| Optical adapters | 0.5x (for 23 mm eyepiece tube) |
| Adapters for Binocular & Monocular microscopes | 30 mm & 30.5 mm diameter |
| Calibration Slide | YES |
| Always Included | 1.8 m USB cable |

ENVIRONMENT SPECIFICATION

| | |
|---------------------|-------------------|
| Working temperature | -10 up to +50°C |
| Storage temperature | -20 up to +60°C |
| Relative Humidity | 30% to 80% |
| Storage Humidity | 10% to 60% |
| Dimensions | 58 x 58 x 36.4 mm |
| Weight | 0.18 Kg |

SYSTEM REQUIREMENTS

| | |
|------------------|--|
| Operating System | Win XP / Win Vista / Win 7 / Win 8 / Win 10 (32 o 64 bit) OSx (Mac OSx) Linux |
| PC Requirements | CPU: Equal to Intel Core2 2.8GHz or higher RAM: 2 GB or more USB port: USB 2.0 Monitor: 17" or more CD-ROM |