



USB 2.0 C-mount and Eyepiece Microscope Camera

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| General specifications | USB output | Yes |
| | C-Mount | Yes |
| | Dimensions (mm) | 58 x 58 x 36.4 |
| | Weight (kg) | 0.18 |
| Sensor | Camera resolution (n° of pixels: W x H) | 1280x1024 |
| | Color / Monochrome | Color |
| | Sensor Size | 1/3" |
| | Sensor Technology | CMOS |
| | Sensor Type | APTINA CMOS |
| | Image Format | 5/4 |
| | Pixel Size (µm) | 3.6x3.6 |
| | Acquisition technology | Rolling shutter |
| | Sensitivity | 1 V/lux-second |
| | Signal/Noise Ratio (DB) | 44 |
| | Dynamic range (DB) | 74 |
| | ADC conversion | 8 Bit |
| | Color Depth | 1, 4, 8, 24 Bit |
| | Exposure time | 0.14 msec - 2 sec |
| | Binning | 1x1; 2x2; 4x4 |
| IR filter | Yes | |
| IR filter range (nm) | 380-650 (IR CUT) | |
| USB | PC Camera resolution (MP) | 1.3 |
| | USB standard | USB2.0 |
| | Frame rate full resolution (fps) | 15@1280x1024 |
| | Frame rate other resolution (fps) | 50@320x256 |
| Camera Power Supply | Connector | USB |
| | Output voltage | PC USB |
| Camera accessories | Optical adapter (for 23mm eyepiece tube) | 0.37x |
| | Adapter ring | Yes |
| | Diameter of adapter ring (mm) | 30 |
| | Diameter of adapter ring (mm) | 30.5 |
| | Calibration slide | Yes |
| | USB cable (1.8m) | Yes |

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|--------------------|---------------------|-------------------|
| Environment | Working Temperature | -10°C up to +50°C |
| | Storage Temperature | -20°C up to +60°C |
| | Relative Humidity | 30% to 80% |
| | Storage Humidity | 10% to 60% |

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| Operating System | OS | Windows 7 |
| | OS | Windows 8 |
| | OS | Windows 10 (32Bit) |
| | OS | Windows 10 (64Bit) |
| | OS | Osx (MAC Osx) starting from 10.7.5 |
| | OS | Linux |

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| Available Software | PC SW | PROVIEW |
| | PC SW | LITEVIEW |

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|------------------------|----|-------------------------------------|
| PC requirements | PC | CPU: Intel Core2 - 2.8GHz or higher |
| | PC | RAM: 2GB or more |
| | PC | USB 2.0 |