



*USB 2.0 C-mount and Eyepiece
Microscope Camera*

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| Camera specifications | PC Camera resolution (MP) | 10 |
| | Camera resolution (n° of pixels: W x H) | 3584x2748 |
| | USB Signal output | USB 2.0 |
| | Color / Monochrome | Color |
| | Sensor Size | 1/2.3" |
| | Sensor Technology | CMOS |
| | Sensor Type | APTINA CMOS |
| | Rolling Shutter | Yes |
| | Image Format | 4/3 |
| | Pixel Size (µm) | 1.67x1.67 |
| | Frame rate full resolution (fps) | 3.3@3584x2748 |
| | Frame rate other resolution (fps) | 11@1792x1374; 38@896x684 |
| | Sensitivity | 0.31 V/lux-second |
| | Signal/Noise Ratio (DB) | 34 |
| | Dynamic range (DB) | 65.2 |
| | ADC conversion | 8 Bit |
| | Color Depth | 1, 4, 8, 24 Bit |
| | Exposure time | 0.4 msec - 2 sec |
| | Binning | 1x1; 2x2; 4x4 |
| | IR filter | Yes |
| | IR filter range (nm) | 380-650 (IR CUT) |
| | Camera Power | PC USB |
| C-Mount | Yes | |
| Dimensions (mm) | 58 x 58 x 36.4 | |
| Weight (Kg) | 0.18 | |

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| Camera accessories | Optical adapter (for 23mm eyepiece tube) | 0.5x |
| | 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 specifications | 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 | SW | PROVIEW |
| | SW | LITEVIEW |

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

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|-----------------|-------|---|
| Warranty | Years | 2 |
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