



*High Performance USB 3.0 C-mount
Cooled Color Microscope Camera*

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| Camera specifications | PC Camera resolution (MP) | 20 |
| | Camera resolution (n° of pixels: W x H) | 5440x3648 |
| | USB Signal output | USB.3.0 |
| | Color / Monochrome | Color |
| | Sensor Size | 1" |
| | Sensor Technology | CMOS |
| | Sensor Type | SONY EXMOR |
| | Rolling Shutter | Yes |
| | Image Format | 3/2 |
| | Pixel Size (mm) | 2.4x2.4 |
| | Frame rate full resolution (fps) | 5@5440x3648 |
| | Frame rate other resolution (fps) | 10@4096x2160; 15@2736x1824; 30@1824x1216 |
| | Dynamic range (DB) | 66.30 |
| | G sensitivity | 426mV at 1/30s |
| | Dark Signal | 0.21mV at 1/30s |
| | ADC conversion | 8 Bit - 12Bit |
| | Color Depth | 1, 4, 8, 24 Bit |
| | Exposure time | 0.1 msec - 3600 sec |
| | Binning | 1x1; 2x2; 3x3 |
| | IR filter | Yes |
| | IR filter range (nm) | 380-650 (IR CUT) |
| | Cooling | Yes |
| | Cooling Temperature | -45°C |
| | Camera Power | PC USB |
| | Cooling Power | 12V 3A |
| | C-Mount | Yes |
| Dimensions (mm) | 100 (diam) x 100 (H) | |
| Weight (Kg) | 0.59 | |
| Camera accessories | Calibration slide | Yes |
| | USB cable (1.8m) | Yes |
| 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 3.0 |

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| Warranty | Years | 2 |
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