



Model:

C-P3

Type:

CAMERA - PRO SERIES

Description:

*USB 3.0 C-mount Microscope Camera***CAMERA SPECIFICATION**

| | |
|------------------------------|-----------------------------|
| Digital camera resolution | 3.1 MP (2048 x 1536) |
| Signal output | USB 3.0 |
| Sensor Size | 1/2.8" |
| Sensor technology | CMOS |
| Sensor type | SONY EXMOR CMOS |
| Image format | 4/3 |
| Pixel size | 2.5 x 2.5 µm |
| Frame rate full resolution | 50 fps (2048 x 1536) |
| Frame rate other resolutions | 50 fps (1920 x 1080) |
| Sensitivity | 600 mV at 1/30sec |
| Dark signal | 0.15 mV at 1/30sec |
| ADC Conversion | 8 Bit - 12 Bit |
| Color Depth | 1 Bit; 4 Bit; 8 Bit; 24 Bit |
| Exposure Time | 0.1 msec - 15 sec |
| Binning | 1x1 |
| IR filter | 380-650 nm (IR-cut filter) |
| Camera power | PC USB |
| C-mount | YES |

ACCESSORIES

| | |
|-------------------|-----------------|
| Calibration Slide | YES |
| Always Included | 1.5 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 | 68 x 68 x 46.4 mm |
| Weight | 0.265 Kg |

SYSTEM REQUIREMENTS

| | |
|------------------|--|
| Operating System | Win XP / Win Vista / Win 7 / Win 8 / Win 10 (32 o 64 bit) OSx (Mac OSx) starting from 10.7.5 Linux |
| PC Requirements | CPU: Equal to Intel Core2 2.8GHz or higher RAM: 2 GB or more USB port: USB 2.0, at least two ports |