



Model:

**C-P8**

Type:

**CAMERA - PRO SERIES**

Description:

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

Digital camera resolution	8.3 MP (3840 x 2160)
Signal output	USB 3.0
Sensor Size	1/2.5"
Sensor technology	CMOS
Sensor type	SONY EXMOR CMOS
Image format	16/9
Pixel size	1.62 x 1.62 $\mu\text{m}$
Frame rate full resolution	32 fps (3840 x 2160)
Frame rate other resolutions	65 fps (1920 x 1080)
Sensitivity	236 mV at 1/30sec
Dark signal	0.1 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; 2x2
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