



Model:

C-B5

Type:

CAMERA - B SERIES

Description:

*USB 2.0 C-mount and Eyepiece Microscope Camera***CAMERA SPECIFICATION**

Digital camera resolution	5.1 MP (2592 x 1944)
Signal output	USB 2.0
Sensor Size	1/2.5"
Sensor technology	CMOS
Sensor type	Aptina CMOS
Image format	4/3
Pixel size	2.2 x 2.2 μm
Frame rate full resolution	7 fps (2592 x 1944)
Frame rate other resolutions	27 fps (1280x 960); 90fps (640x 480)
Sensitivity	0.53 V/lux-second
Signal / noise ratio	40.5 dB
Dynamic range	66.5 dB
ADC conversion	8 Bit
Color Depth	1 Bit; 4 Bit; 8 Bit; 24 Bit
Exposure Time	0.294 msec - 2 sec
Binning	1x1; 2x2; 4x4
IR filter	380-650 nm (IR-cut filter)
Camera power	PC USB
C-mount	YES

ACCESSORIES

Optical adapters	0.5x (for 23 mm eyepiece tube)
Adapters for Binocular & Monocular microscopes	30 mm & 30.5 mm diameter
Calibration Slide	YES
Always Included	1.8 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	58 x 58 x 36.4 mm
Weight	0.18 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



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Pricing on any accessories shown can be found by keying the part number into the search box on our website.

The specifications listed in this brochure are subject to change by the manufacturer and therefore cannot be guaranteed to be correct. If there are aspects of the specification that must be guaranteed, please provide these to our sales team so that details can be confirmed.

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