v 2.0 2018



Model:
VisiCamB5 - 630-2957

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