



LABOMED, INC.

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LC-1 USB2.0 Color Digital Camera (5.0MP) with CMOS Image Sensor (Lenses sold separately)

Introduction

LC-1 USB2.0 Color Digital Camera (5.0MP) with CMOS Image Sensor are used to capture microscope images and display real-time live video on your PC screen. They come with a high-resolution digital camera, built-in IR filter, user-friendly software, and adapters for all sizes of microscopes.

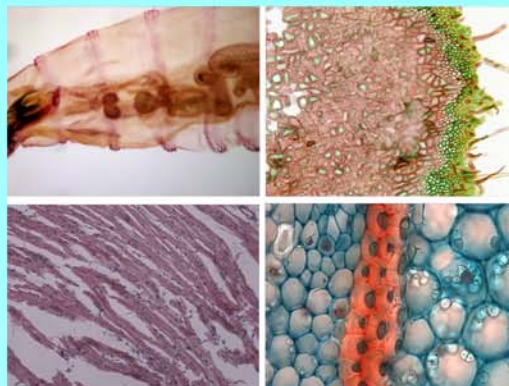
Specifications

Digital Parts

Image Sensor:	1/2.5 inch 5.0MP CMOS Image Sensor (4:3) MT9P031
Pixel Size:	2.2 μ m \times 2.2 μ m
Filter:	RGB Bayer
Lens Interface:	C/CS
Shutter Type:	Electronic rolling shutter
Frame Rate:	5fps@2592 \times 1944, 21fps@1280 \times 960 25fps@1024 \times 768, 38fps@640 \times 480
Sensitivity:	1.4 V/lux-sec (550nm)
A/D:	8-bit
Exposure Controlling:	Auto/Manual
White Balance:	Auto/Manual
Exposure Time:	1ms-0.8 sec
Scan Mode:	Progressive Scan
Dynamic Range:	> 60dB
SNR:	40.5dB
Software Control:	Image size, brightness, gain, exposure time, color
Data Output:	USB2.0, 480Mb/s
Power Supply:	USB2.0, 500mA
Working Temperature:	0 $^{\circ}$ C ~ 60 $^{\circ}$ C
Storage Temperature:	-20 $^{\circ}$ C ~ 70 $^{\circ}$ C
Working Humidity:	45%~ 85%
USB Cable:	1.8m
Operating System:	Windows 2000/ XP/ Vista/Win7/Win8/Mac/Linux
Optical Interface:	C mount, Optic for connection towards the oculars of the microscope
Size:	65mm \times 86mm \times 37mm
Weight:	220g



Sample Images



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