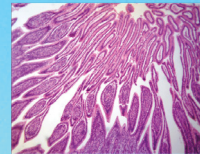




LABOMED, INC.



LC-1 USB2.0 Colorful CMOS Digital Camera (5.0MP)

LC-1 USB2.0 Colorful CMOS Digital Camera (5.0MP) is mainly designed for microscopes to capture microscope images, videos and display real-time live video on your PC screen. It comes with a high-resolution digital camera, built-in IR filter and user-friendly software. Adapters for all sizes of microscopes are optional.

LC-1 USB2.0 Colorful CMOS Digital Camera (5.0MP)

APPLICATION

LC-1 USB2.0 Colorful CMOS Digital Camera (5.0MP) can provide high quality image and are widely used in academic and medical field for high precision and resolution image capturing and processing.

Labomed, Inc. • 2728 S La Cienega Blvd. Los Angeles, CA 90034 U.S.A. • 1(310) 202-0811 • spectro@labomed.com • www.labomed.com



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FEATURES

1. With high resolution sensor, providing high quality image and widely used in academic and medical field for high precision and resolution image capturing and processing;
2. Very convenient to use, just insert it into eyepiece tube or top tube of trinocular head;
3. Getting Real-time and Non-compressing Video Data and Capturing Image Directly;
4. High sensitivity, low noise, excellent color correction;
5. Easy and fast software installation;
6. User-friendly image processing software;
7. Compatible with Windows 2000/XP/ Vista/Win7/Win8/Win 10/Mac;
8. With measurement function, including angle, length, square and etc...
9. Support multi-camera working together.



SPECIFICATION

Model	LC-1
Image Sensor	1/2.5" CMOS Sensor, Micron MT9P031
Effective Pixels	5.0MP
Resolution	2592×1944
Pixel Size	2.2μm×2.2μm
Frame Rate	6fps@2584×1936
	15fps@1272×952
	23fps@632×472
Sensitivity	1.4 V/lux-S(550nm)
Exposure Time	0.001-0.5 sec
Dynamic Range	60dB
SNR	40.5dB
Color Depth	24bit



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A/D	8-bit
Exposure Control	Auto/Manual
White Balance	Auto/Manual
Scan Mode	Progressive Scan
Shutter Type	Electronic rolling shutter
Filter	RGB filter
Lens Interface	C/CS
Data Output	USB2.0, 480Mb/s
Power Supply	USB2.0, 500mA
Working Temperature	0°C ~ 60°C
Storage Temperature	-20°C ~ 70°C
Working Humidity	45%~ 85%
Operating System	Windows 2000/XP/ Vista/Win7/Win8/Win 10/Mac
Size and Weight	69mm×87mm×44mm, 220g

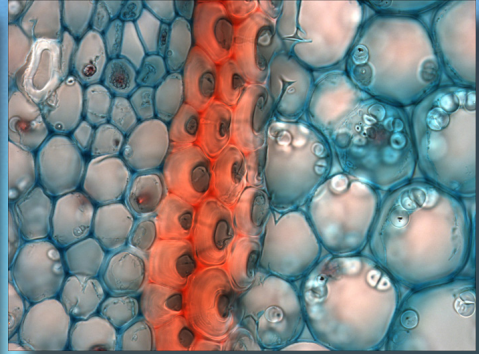
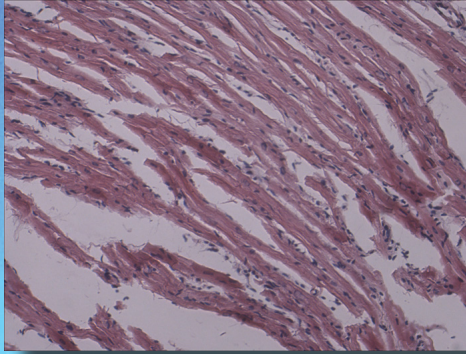
PACKING CONTENTS

1. The LC-1 USB2.0 Colorful CMOS Digital Camera with a C-mount and 1.8m USB cable.
2. CD including driver, software and instruction manual.



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SAMPLE IMAGES



OPTIONAL

0.1mm(for stereo and other low power microscopes) Calibration Slide.

