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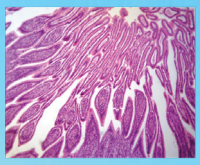

LC-4 USB2.0 Colorful CMOS Digital Camera (5.0MP)

LC-4 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-4 USB2.0 Colorful CMOS Digital Camera (5.0MP)

APPLICATION

LC-4 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.

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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-4**
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-4 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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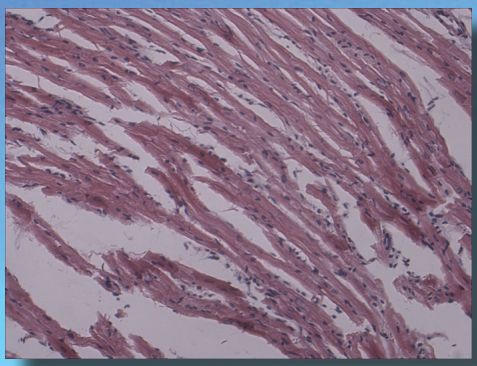
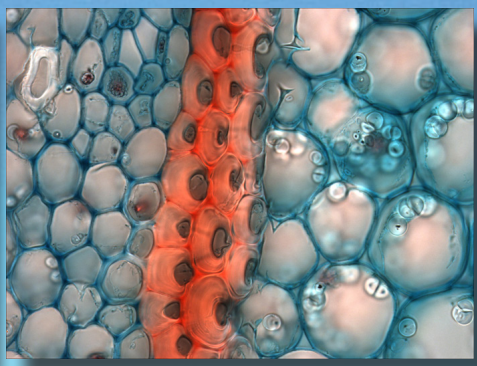
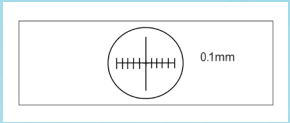
SAMPLE IMAGES





OPTIONAL

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



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