



Professional Microscope Accessories Digital Camera With 2592x1944 Resolution

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: CNOEC, OPTO-EDU
- Certification: CE, Rohs
- Model Number: A59.4912
- Minimum Order Quantity: 1 pc
- Price: FOB \$1~1000, Depend on Order Quantity
- Packaging Details: Carton Packing, For Export Transportation
- Delivery Time: 5~20 Days
- Payment Terms: T/T, West Union, Paypal
- Supply Ability: 5000 pcs/ Month



Product Specification

- Theory: Digital Camera
- Resolution: 2592 X 1944(5,038,848 Pixels)
- Imaging Sensor: Omnivision OV5640 CMOS(Colorful)
- Interface: Standard C-mount Interface
- Software Interface: DirectShow
- Operation Software: Microsoft®Windows®XP / 7 / 8 / 8.1/10(32 & 64 Bit)
- Highlight: **microscope accessory,
compound microscope parts**



More Images



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Product Description

5.0M Digital Camera A59.4912 With Auto Focus And C Mount Interface

Introduction

With the function of automatic real-time focus, A59.4912 keeps the state of real-time focus when it is moved to the observation position. Without manual focus, A59.4912 will recognize the focus image information automatically and get 1080P HD image instantly. The thoroughly new observation method can save tedious adjustment process and highly raise the observation speed, making work easy and efficient.

The port of A59.4912 is 23.2, equipped with adapter ring 30/30.5. The port of A59.4912 can be connected to stereo and biological microscope to shoot digital microscopic image with advantages such as quick transmission speed, fair color restoration, distinct image and convenient storage. A59.4912 can be widely applied on fields such as industrial product management, teaching research, material analysis, clinical examination and machine vision.

Affiliated with professional teaching software, A59.4912 can photo, record, classify, compare, measure, mark and submit reports on the observed video and image information. The whole experiment process and result will display on the electronic sign for review and share. Change the original stale mode and dangerous work to prudent experiment process, promoting experimental skills and observation and analysis capacity, truly mastering the scientific experiment record, analysis, conclusion and report and reducing the potential threats during the traditional observation experiment.

The shell of A59.4912 is fixed by USB2.0 to realize reliable connection with high definition, excellent color display and stable transmission. A59.4912 can be used by inserting to the USB2.0 port without extra collecting device and external power source to acquire real-time genuine 5 mega-pixel colorful and no interpolation image and video data. Therefore, A59.4912 is an ideal microscopic image system

Features

Thrift: A59.4912 is convenient to upgrade the original stereoscopic microscope to electronic microscope without wasting the original device.

Simple: A59.4912 only needs a set of electronic eyepiece without changing any original device structure, simple to process.

Interact: A59.4912 changes the original individual operation to group experiment to add the chance for interaction.

Fun: A59.4912 can make the experiment method, process and result of all groups display on the electronic screen for sharing and review.

Efficient: in various industrial application, especially education field, for the application of the information teaching method, instead of being gathered by students around, teachers use big screen or projection display for the whole class to view, no need for individual guide and inspection and enhancing the teaching efficiency.

Interface: standard C-mount interface

Safe: electronic eyepiece replaces the way of observing through eyes clinging to the microscope and avoid risks of cross infection.

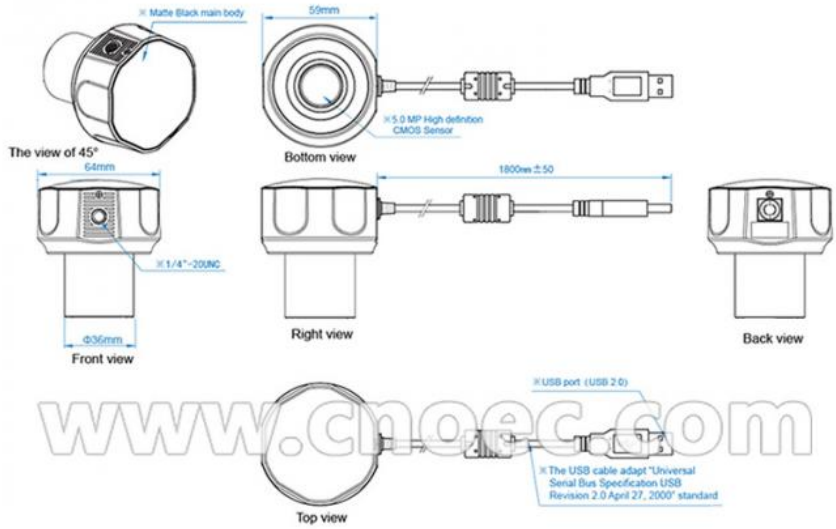
Specification

Hardware Configuration	
Imaging Sensor	Omnivision OV5640 CMOS(Colorful)
Scan Patterns	Scan Line By Line
The Maximum Resolution	2592 x 1944(5,038,848 Pixels)
Sensor Optical Format	1/4"
Pixel Size	1.4µm x 1.4µm
Dynamic Range	68dB
ADC	12-bit, 8-Bit R.G.B to PC
SNR(Signal Noise Ratio)	36dB
Spectral Characteristics	380-650nm
Preview Modes	5FPS@2592x1944, 15FPS@1280x1024, 1920x1080, 1600x1200 40FPS@1280x960, 1280x720, 1024x768, 800x600, 640x480
Binning Modes	2 x 2
Exposure Capability	3.9ms - 320ms, Automatic And Manual
White Balance	Automatic And Manual
Software Interface	DirectShow
Capture Modes	Picture Resolution:2592x1944, 1920x1080, 1600x1200, 1280x1024, 1280x960, 1280x720, 1024x768, 800x600, 640x480 Format:JPG,BMP,PNG,TIFF,PDF Video Resolution:1920x1080, 1600x1200, 1280x1024, 1280x960, 1280x720, 1024x768, 800x600, 640x480 Format:MJPEG format AVI file
Software Environment	
Operation System	Microsoft® Windows® XP / 7 / 8 / 8.1/10(32 & 64 bit)
Computer Configuration	CPU: Equal Or More Than The Second Generation Intel Core 2.8GHz
	Memory :2G Or More
	USB Port:USB2.0 High Speed Port Or Compatible Port

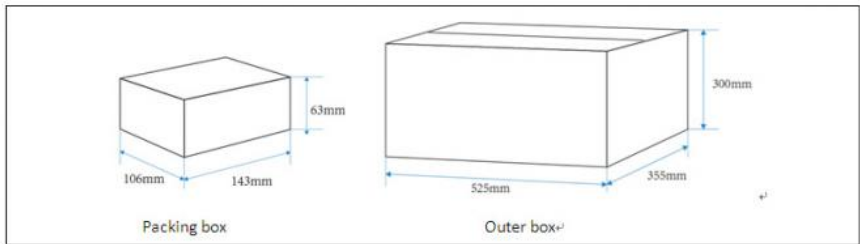
	Displayer :Suggest 17 Inches Or Larger
Operating Environment	
Operating Temperature	0°C~ 4°C
Storage Temperature	-20°C~ 60°C
Operating Humidity	30~80%RH
Storage Humidity	10~60%RH
Power Supply	Direct current 5V 450mA, Supply By USB Port

Size / Weight / Package of Main Body

The Size And Weight Of A59.4912 Digital Camera



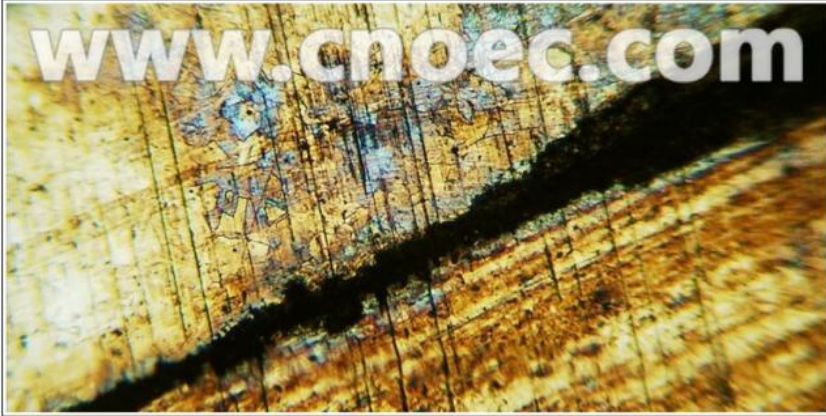
A59.4912 (Body Net Weight About 170g)



Samples



A59.4912 Digital Camera, 5.0M, Auto Focus, C Mount



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