



5.0M Digital Camera A59.4913 With Omnivision OV5640 CMOS (Colorful) Imaging Sensor

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: CNOEC, OPTO-EDU
- Certification: CE, Rohs
- Model Number: A59.4913
- 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)
- White Balance: Automatic And Manual
- Software Interface: DirectShow
- Operation Software: Microsoft®Windows®XP / 7 / 8 /8.1/10(32 & 64 Bit)
- Highlight: **microscope accessory,
compound microscope parts**



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Introduction

With the function of automatic real-time focus, A59.4913 keeps the state of real-time focus when it is moved to the observation position. Without manual focus, A59.4913 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 A59.4913 is 23.2, equipped with adapter ring 30/30.5. The port of A59.4913 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. A59.4913 can be widely applied on fields such as industrial product management, teaching research, material analysis, clinical examination and machine vision.

Features

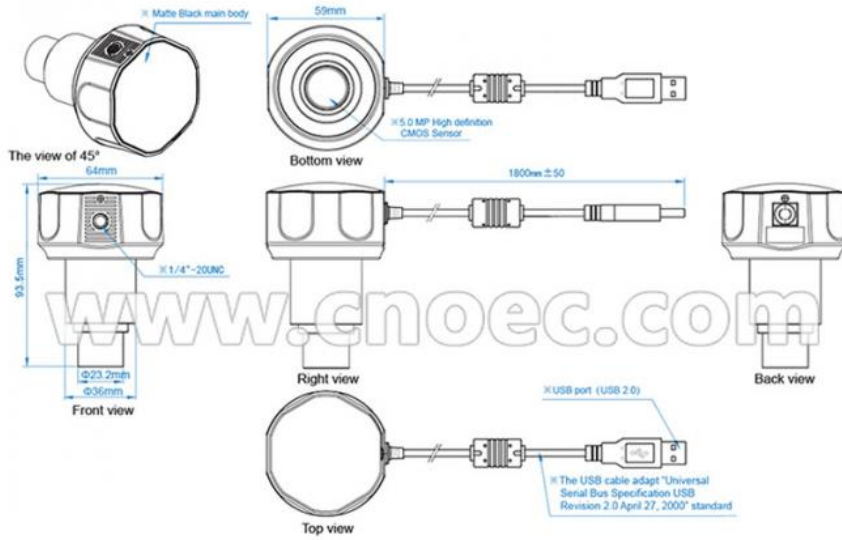
- Thrift: A59.4913 is convenient to upgrade the original stereoscopic microscope to electronic microscope without wasting the original device.
- Simple: A59.4913 only needs a set of electronic eyepiece without changing any original device structure, simple to process.
- Interact: A59.4913 changes the original individual operation to group experiment to add the chance for interaction.
- Fun: A59.4913 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.
- Safe: electronic eyepiece replaces the way of observing through eyes clinging to the microscope and avoid risks of cross infection.

Specification

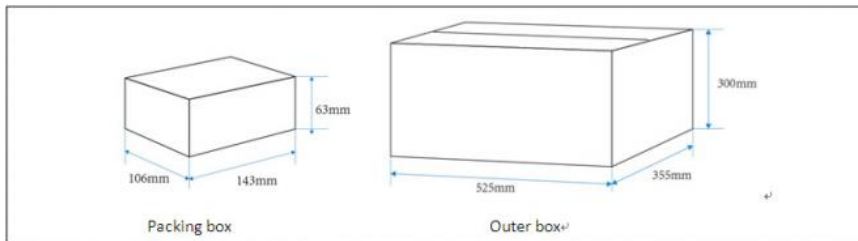
Hardware Configuration	
Imaging Sensor	Omnivision OV5640 CMOS(Colorful)
Scan Patterns	Scan Line By Line
The Maximum Resolution	2592 x 1944(5,038,848 Pixels)
Sensor Optical Format	1/4"
Pixel Size	1.4µm x 1.4µm
Dynamic Range	68dB
ADC	12-bit, 8-Bit R.G.B to PC
SNR(Signal Noise Ratio)	36dB
Spectral Characteristics	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 A59.4913 Digital Camera



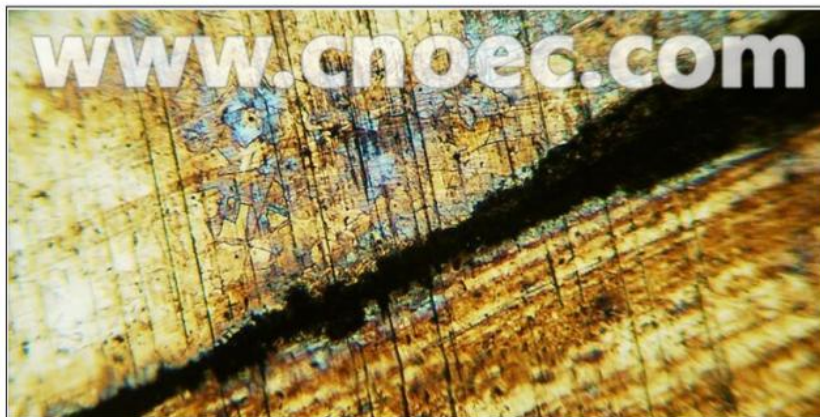
A59.4913 (Body Net Weight About 180g)



Samples



A59.4913 Digital Camera, 5.0M, Auto Focus, Eyepiece Type



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