



Portable Metallurgical Digital Biological Microscope With Camera A34.4903-C

Our Product Introduction

for more products please visit us on cnoec.com

Basic Information

- Place of Origin: China
- Brand Name: CNOEC, OPTO-EDU
- Certification: CE, Rohs
- Model Number: A34.4903-C
- 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

- Product Name: Best Portable Metallurgical Digital Biological Microscope With Camera
- Resolution: 5.0M, 1080p
- Output: USB, HD, TF Card
- Light Source: Dual Coaxial LED
- Certificate: CE, Rohs
- Power Supply: USB
- Magnification: 6x~365x
- Sensor: CMOS Sensor
- Highlight: **stereo zoom microscopes,**
stereo binocular microscopes,
stereo dissecting microscope



More Images



Product Description

OPTO-EDU A34.4903-C Best Portable Metallurgical Digital Biological Microscope With Camera

Camera Parameter

PRODUCT DESCRIPTION

A34.4903-C WIFI/USB Digital Microscope	
Hardware Configuration	
Image Sensor	APTINA MT9P001 CMOS(colorful)
Expose Mode	Rolling Shutter
Maximum Resolution	2592 x 1944 (5,038,848 pixels)
Sensor Optical Format	1/2.5" (5.70mm(H) x 4.28mm(V), Diagonal 7.13mm)
Pixel Size	2.2μm*2.2μm
Dynamic Range	70.1dB
ADC	12-bit, 8-Bit R.G.B to PC
SNR(Signal Noise Ratio)	38.1dB
Spectral Characteristics	380-650nm(during daytime mode)
Binning Modes	1 x 1, 2 x 2
Exposure Capability	Real-time auto, Single auto, Manual Adjustment
White Balance	Real-time auto, Single auto, Manual adjustment
Software Interface	DirectShow
Maximum Transmission Frame Rate(USB mode)	10FPS@2592x1944 15FPS@1920x1080,1600x1200 40FPS@1280x960, 1280x720, 1024x768, 800x600, 640x480
Maximum Transmission Frame Rate(WiFi mode)	10FPS@2592x1944 15FPS@1920x1080,1600x1200 40FPS@1280x960, 1280x720, 1024x768, 800x600, 640x480
Record Format	Snapshot Picture Format:JPG,BMP,PNG,TIFF,PDF Resolution:2592x1944, 1920x1080, 1600x1200, 1280x960, 1280x720, 1024x768, 800x600, 640x480 Record Video Format:MJPEG format AVI file Resolution:1920x1080, 1600x1200, 1280x960, 1280x720, 1024x768, 800x600, 640x480
Optical Parameters	
Lens Optical Magnification	0.28X-2X
Wireless Parameter/Power Parameter	
Standard	802.11b/g/n
Operating Frequency Range	2.400~2.4835GHz
Available Channels	802.11n 20MHz/40MHz
	802.11b/g
	USA, Canada (FCC):11 channels(2.412GHz~2.462GHz)
	Europe(CE):13 channels (2.412 GHz~2.472GHz)
Data Rate	Japan (TELEC):14 channels (2.412 GHz~2.4835GHz)
	802.11n:up to 150Mbps 1T1R
	802.11b:up to 11Mbps
Transmission Power	802.11g:up to 54Mbps
	11n HT40 MCS7:+16dBm+/-1.5dBm
	-61 dBm@10% PER at HT40 MCS7
Receiving Sensitivity	-61 dBm@10% PER at 54Mbps
	-85 dBm@10% PER at 11Mbps
Suggestion on number of receiver on different resolution	10@640x480
	3@800x600
	6@1024x768
	5@1280x720
	5@1280x960
	4@1920x1080
	3@2592x1944
The Wireless work instructions	When there has not WiFi, LED lamp turn off
	When WiFi is opened but do not connect, LED is always lighting
	When WiFi is connected ,LED flashes at the beginning and stay turn on afterward
	When WiFi is connected, LED flashes, about once per second .The greater the amount of data the faster it flashes, and it is about 10 times per second
Power-up	Wired: direct-current 5V,power by USB cable
	Wireless: DC 5V 2A power plug
Software Environment	
USB work mode	
	Microsoft WindowsR XP /7/8/8.1/10(32 & 64 bit)

Windows system demand	CPU: equal or more than the second generation Intel core 2.8GHz
	Memory: 2G or more
	DVD-ROM (Need it during installing software)
WiFi work mode	
Windows system demand	Microsoft WindowsR XP / 7 / 8 / 8.1/10(32 & 64 bit)
	CPU: equal or more than the second generation Intel core 2.8GHz
	Memory: 2G or more
	Internal wireless network card (support IEEE 802.11b/g/n)
iOS System Demand	iOS8.0 or higher
Android system demand	Android 4.0 or higher
	CPU: dual-core 1.7GHz or higher
	RAM memory : 1G or more
	Storage ROM :suggest 8G or larger
Operating Environment	
Operating temperature	0°C~40°C
Storage temperature	-20°C~60°C
Operating Humidity	30~60%RH
Storage Humidity	10~80%RH

OPTO-EDU

WIFI/USB
Digital Microscope

A34.4903-C



 WIFI/USB 5.0MP Preview And Take Picture

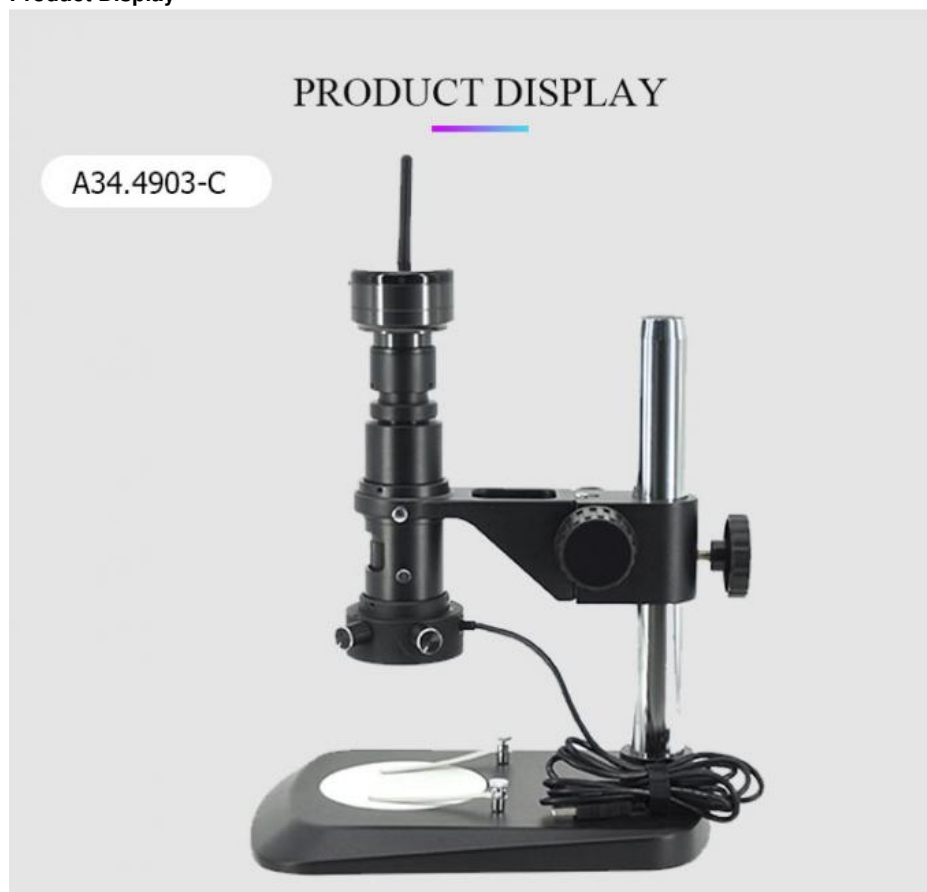
 Unique Designed Manual Focusing Knob on Camera

 Coaxial And Diffuse Light Sources For Showing Details

 0.28-2x HD Lens,Magnification 6-365x

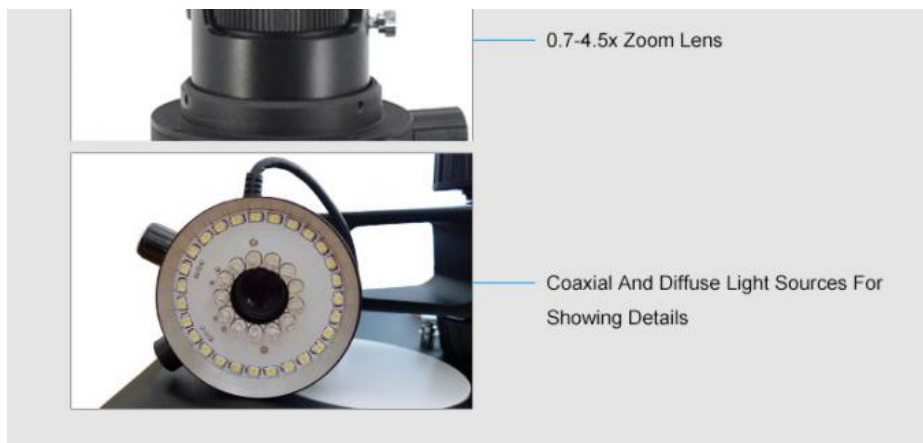


Product Display





0.4x Lens



Camera Feature



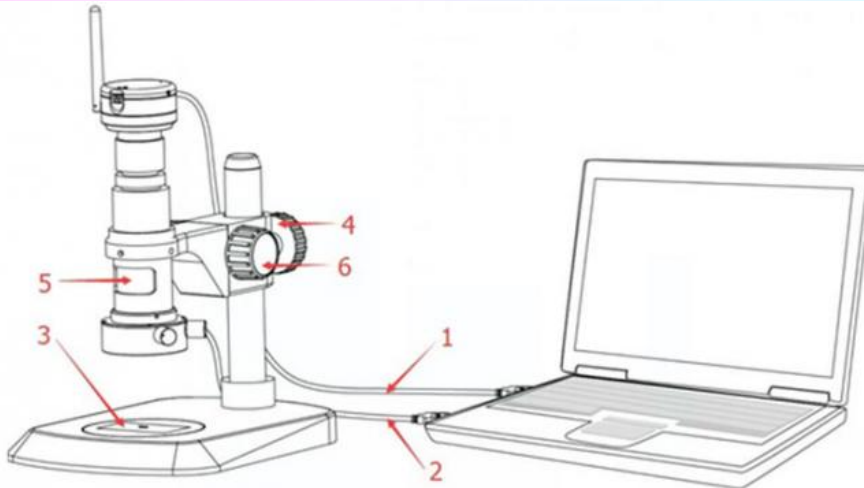
- | | |
|--|--|
| 01 Electronic Eyepiece | 07 Adjustment button of the coaxial light |
| 02 Monocular Microscope | 08 Pedestal |
| 03 Manual screw | 09 Supporting column |
| 04 Magnification Adjustment Ring | 10 Fixed bolt |
| 05 Light-compensating lamp | 11 Bracket handwheel |
| 06 Adjustment button of the diffuse reflectance light | 12 USB cable line |



- 0.28~2X HD lens, at least 20,000 times lifetime zoom wheel.
- WiFi USB 5.0MP preview and take picture
- Supports Windows, iOS, android, Mac systems
- Comes with high-sensitive antenna, long distance transmission
- Parfocality adjustment
- Dedicated measurement software
- Coaxial and diffuse light sources for showing details
- Extra-hard wear-resistant aluminum alloy housing
- Free-installation plug and play

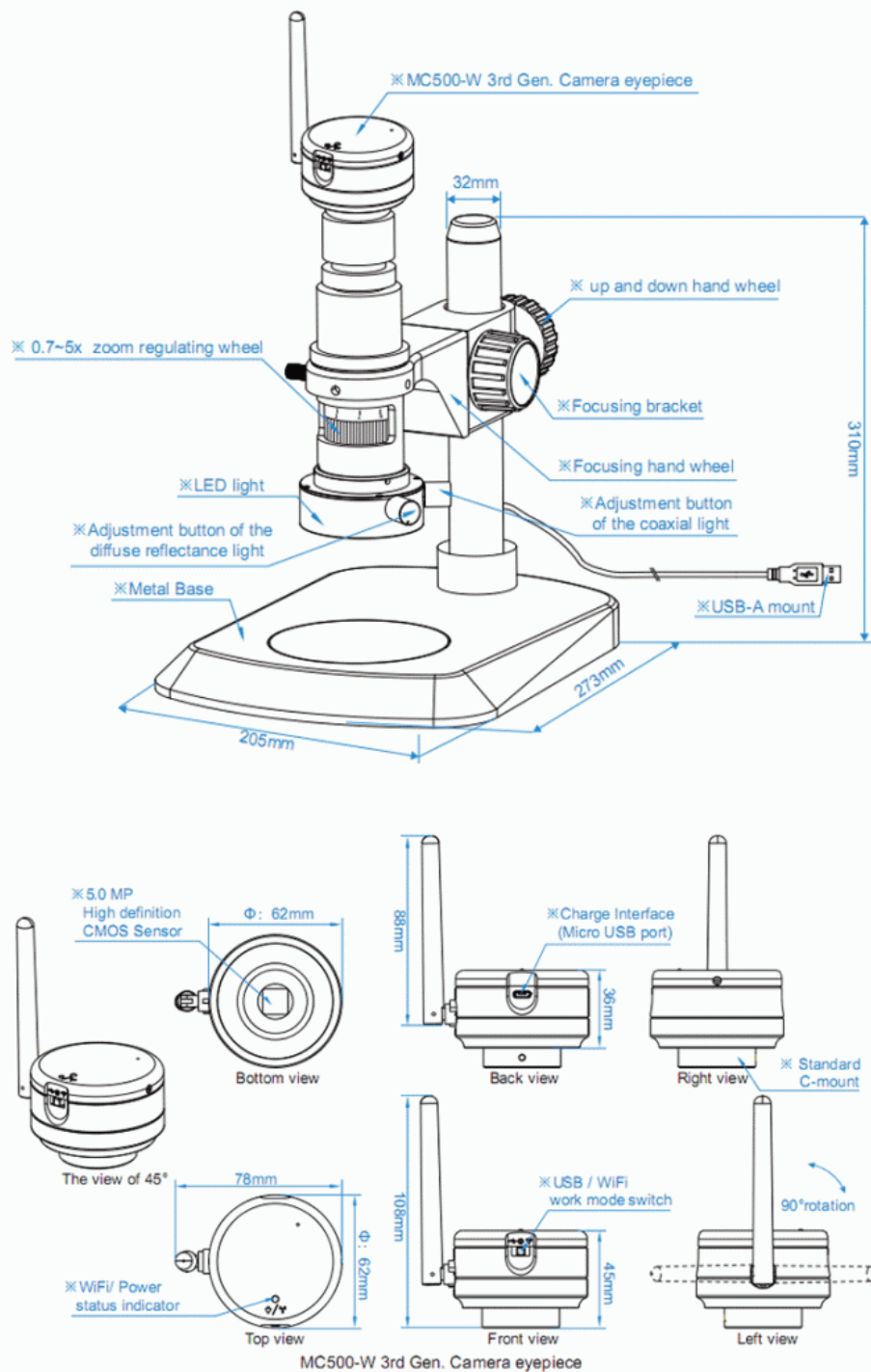


Specifications for monocular electronic microscope



1. Connect the electronic eyepiece to devices (computer or mobile device) and open the software.
2. Connect the fill light to adapter for power supply.
3. Place the observed object on the pedestal right under the microscope.
4. Unscrew the fastening bolt, adjust the bracket by moving up and down and adjust the height of the microscope (until the computer displays pictures clearly).
5. Adjust the magnification to the maximum (5 times).
6. Adjust the bracket hand wheel until the picture displays clearly.
7. Start to use.

Drawing Display:



More Choices

MORE CHOICES



A59.4904

BUY NOW



A59.4905

BUY NOW



A59.4907

BUY NOW



A59.4902

BUY NOW



A59.4902B

BUY NOW



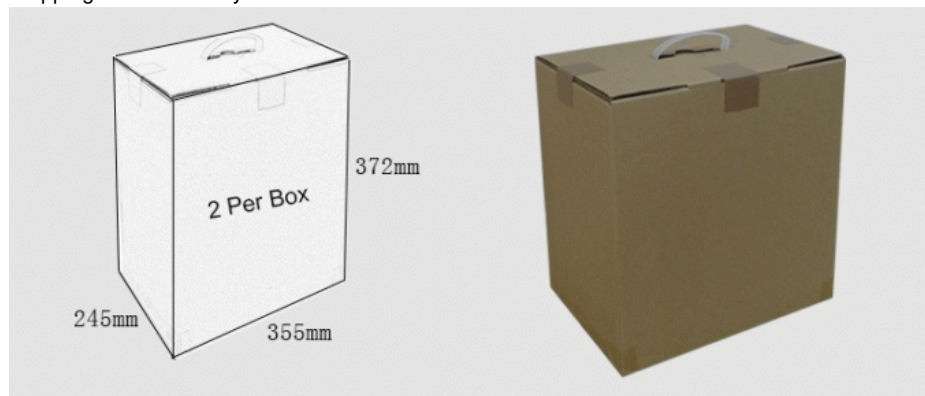
A59.4908

BUY NOW

Packing & Delivery

Packing : Compact Design Box and Strong Master Carton

Shipping Time : 1-5 Days From Stock



About Us

OPTO-EDU is one of the top professional supplier for microscope from China, we focus in microscope & educational field for more than 20 years. As the top recommended seller for microscope on alibaba, we have full types microscopes, including biological microscope, stereo microscope Metallurgical microscope, inverted microscope, fluorescent microscope, polarized microscope, phase contrast microscope, dark field microscope, multi-viewing microscope, DIC microscope, AFM/STM/SPM microscope, zoom microscope, gem microscope, digital microscope, LCD microscope, comparison microscope Forensic microscope, and all kinds of microscope accessories.

Our customer comes from more than 104 countries, such as United States, Britain, Russia, Canada, Germany, Denmark, Poland, Sweden, UAE, Qatar, Saudi Arabia, Egypt, Mexico, Argentina, Chile, Brazil, Korea, Thailand, India, Indonesia, Philippines, and so on. We have been working tirelessly to supply China's nice quality production to the world market!

OUR WORKSHOP



OPTO-EDU ADVANTAGES

- ☆ Alibaba Recommend Top Supplier for Microscope!
- ☆ All Kinds of Microscope from China!
- ☆ Factory Direct Price!
- ☆ Nice Quality!
- ☆ More Than 1200 Microscope Models!
- ☆ Small Order Welcome!
- ☆ Payment By PayPal, WU, Alibaba!
- ☆ Quick Shipping Within 5 Days!
- ☆ Warranty 3 Years For Our Microscope!



- ☆ **WITH US YOUR MONEY IS SAFE!**
- ☆ **WITH US YOUR TRADE IS SAFE!**



OUR SERVICE

01

Feedback within 12 hours

02

After sale service assured

03

3 years warranty time



Opto-Edu (Beijing) Co., Ltd.



0086 13911110627



sale@optoedu.com



cnoec.com

F-1501 Wanda Plaza, No. 18 Shijingshan Road, Beijing 100043, China