



## Laboratory Zoom Digital Video Microscope 1000X A32.0601-100

### Our Product Introduction

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#### Basic Information

- Place of Origin: China
- Brand Name: CNOEC, OPTO-EDU
- Certification: CE, Rohs
- Model Number: A32.0601-100
- 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

- Applications: School, Laboratory
- Certification: CE, Rohs
- Illumination: LED
- Max Magnification: 1000X
- Theory: Digital Optical Microscope
- Scanning Type: Progressive Scanning
- Highlight: portable digital microscope, optical microscope with digital camera



#### More Images



## Product Description

### Laboratory Zoom Digital Video Microscope 1000X A32.0601-100

#### Description:

The digital video zoom microscope combines the traditional optical technology and digital imaging technology and offers high quality video images. It can solve the problems generated by using a traditional microscope that requires a strict environment. Equipped with high performance Nickel hydrogen rechargeable battery, it can be used for longer inspection time in fieldwork. With powerful functions of real-time micro-photography, video recording and measurement, on-site high-speed image acquisition, digital image input to PC for inspection, image storage, video recording, measurement at micron-level and image output can be realized. It is a good substitute for a traditional optical magnifier, stereo microscope, comparing microscope, video measurement system and micro-photographing instrument. When used in long-distance scene evidence identification, the images of on-site evidence samples can be captured, inspected, compared and measured, and the on-site scene can enter the micro-world instantly.

#### Specifications:

A32.0601-100 Digital Video Zoom Specification		
Zoom Body of Zoom Range	0.7x-4.5x	
Zoom Ratio	1:6.5	
Total Magnification	4.7x-1000x	
Semi-plan Achromatic Objective	0.3x, 0.5x, 0.75x, 1.5x and 2x ( optional )	
High-Power Objective Lens	5x and 10x ( optional )	
Image Sensor	1.3M pixel 1/2" color CMOS	
Pixel Size	5.2um x 5.2um	
Spectrum Response	400nm-1000nm	
Scanning Type	Progressive scanning	
Exposal Type	ERS	
Resolution	1280x1024	
Transmission Rate	16f/s@1280*1024, 30f/s@640*480, 30f/s@320*240	
White Balance	Automatic operation supported	
Exposal Control	Manual operation supported	
Image Output	USB2.0, 480Mb/s	
Function	Image capture, video recording and measuring function	
Laser Pointer	Wave length: 650nm	
Working Temperature	0-50 degree	
Minimum System Requirement	Windows 2000, XP and Vista Operation System	
	PIII 800 CPU or above	
	256MB Memory or above	
	64MB video memory or above	
	USB2.0 interfaces	
Stand	1024*768 resolution monitor or above	
	76mm post stand	
Optional Accessories		
Objectives	0.3x, Semi-Plan, Outer Dia.30mm, W.D.331mm	A52.0626-03
	0.5x, Semi-Plan, Outer Dia.30mm, W.D.198mm	A52.0626-05
	0.75x, Semi-Plan, Outer Dia.30mm, W.D.131mm	A52.0626-75
	1.5x, Semi-Plan, Outer Dia.30mm, W.D.63mm	A52.0626-15
	2.0x, Semi-Plan, Outer Dia.30mm, W.D.46mm	A52.0626-20
	5x Infinity corrected long working distance objective	A52.0627-5
	10x Infinity corrected long working distance objective	A52.0627-10
Illumination Accessories	Iris Diaphragm	A56.0606
	LED side light	A56.0607
Tripod & Accessories	Tripod, Full Size, 3.5Kgs, with Panhead.	A50.0604-11
	Tilt Ball Head	A50.0604-12
	Super Mag Slider, Made of Magnesium Alloy	A50.0604-13
	Extension Bar, Total Length 600mm	A50.0604-14
	Laptop Tray	A50.0604-15
	Tilt Ball Head Adapter	A50.0604-16
Polarizing Microscope	Polarizer	A5P.0602
Rechargeable Battery	4.8V 2200mA/h, Nickel hydrogen battery	A50.0602
	Battery Charger, Input Voltage 100-240V 50/60Hz, Output Voltage 6.0-6.5V, Current 250-350mA	A50.0602-R





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