



OPTO-EDU A21.1620 0.6-5.0X 1920*1080 Stereo Optical Microscope HDMI Output Calibration Free Motorized Zoom

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: CNOEC, OPTO-EDU
- Certification: CE, Rohs
- Model Number: A21.1620
- 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

- Optical Magnification: 0.3-2.5X (0.6-5.0X Zoom Body With 0.5X CCD Mount)
- FOV: 24x13.5-2.88x1.62mm
- Total Magnification: 14-120X (Based On 15.6 Inch Monitor)
- Working Distance: 86mm
- Resolution: 1920*1080
- Frame: 60fps
- Highlight: **usb digital microscope,**
infinity plan microscope

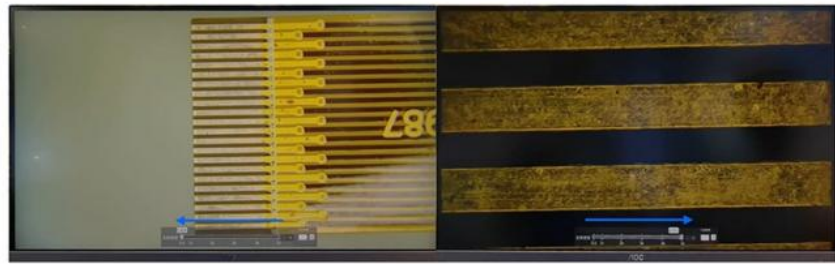
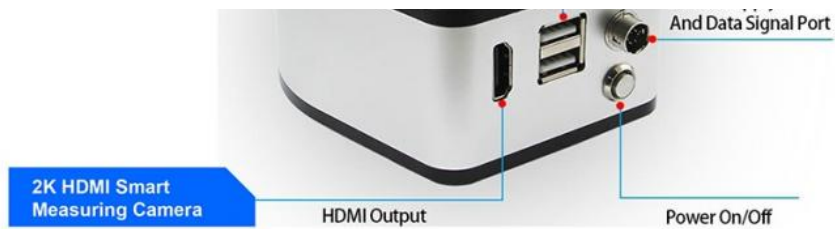
Product Description

Motorized 0.6x-5x Zoom Control By Mouse On HDMI Monitor
 No Need To Calibrate In All Zoom Range, Just Measure By Mouse With Pre-Setted Scale!
 Built-in High Precision Electronic Feedback System, Smart Cruise Scanning setting
 Large Size Track Stand With Coaxial Coarse & Fine Focus, With Bottom Light
 Widely Used For SMT, PCB, BGA Surface Board Assembly Industry



Product Details





**Mouse Control Motorized
0.6-5.0X Electric Stepless Zoom**



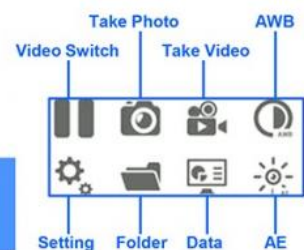
Real Time Display On Screen
Optical Magnification And Imaging Magnification

**Built-in High Precision Electronic Feedback System, Smart
Cruise Scanning Setting**



Measure Tools
Automatic white balance, auto exposure, auto edge improve
measuring precision.
Built-in video and take photo functions, Preview image online.

Auxiliary Tools
Built-in smart measuring functions, support point, line
distance, parallel lines, circle, arc, rectangle, polygon etc.



Specification



A21.1620 Calibration Free Motorized Zoom Video Microscope		
	Standard	Optional
Optical Magnification	0.3-2.5X (0.6-5.0X Zoom Body With 0.5X CCD Mount)	0.6-5.0X (0.6-5.0X Zoom Body With 1.0X CCD Mount)
FOV	24x13.5-2.88x1.62mm	12x6.75-1.44x0.81mm
Total Magnification	14-120X (Based On 15.6 Inch Monitor)	28-240X (Based On 15.6 Inch Monitor)
Working Distance	86mm	
Resolution	1920*1080	
Frame	60fps	
Sensor	1/2"	
Pixel Size	3.75x3.75μm	
Output	High Resolution HDMI Output	
Light Source	LED Ring Light With 4 Zones Control	
Measuring Function	Support Measuring Of Point, Line, Parallel Lines, Circle, Arc, Angle, Rectangle, Polygon Etc.	
Save Function	Take Photo And Video To U Disk	



Magnification	Working Distance	FOV	Depth Of Field	NA	Resolution
0.6	85.6mm	12x6.75mm	3.12mm	0.021mm	0.016
0.8	85.6mm	9x5.06mm	2.04mm	0.025mm	0.014
1	85.6mm	7.2x4.05mm	1.21mm	0.033mm	0.01
2	85.6mm	3.6x2.03mm	0.38mm	0.053mm	0.006
3	85.6mm	2.4x1.35mm	0.20mm	0.067mm	0.005
4	85.6mm	1.8x1.01mm	0.13mm	0.079mm	0.004
5	85.6mm	1.5x0.81mm	0.09mm	0.090mm	0.004

Optional Multiple Bases



A21.1620 Standard Stand

Optional Accessories



CCD Mount



Auxiliary Objective



Polarized Coaxial Device



Coaxial Device



11mm LED Point Light

Optional Accessories		
	0.3X CCD Mount	Standard C-mount

C-Mount	0.45XCCD Mount	Standard C-mount
	0.5X CCD Mount	Standard C-mount
	0.67XCCD Mount	Standard C-mount
	0.75X CCD Mount	Standard C-mount
	1X CCD Mount	Standard C-mount
	1.5X CCD Mount	Standard C-mount
	2X CCD Mount	Standard C-mount
	3X CCD Mount	Standard C-mount
Auxiliary Objective	0.3X Auxiliary Objective	Use With 1X Objective, Working Distance 270mm
	0.38X Auxiliary Objective	Use With 1X Objective, Working Distance 205mm
	0.5X Auxiliary Objective	Use With 1X Objective, Working Distance 160mm
	0.6X Auxiliary Objective	Use With 1X Objective, Working Distance 130mm
	0.75X Auxiliary Objective	Use With 1X Objective, Working Distance 105mm
	1.5X Auxiliary Objective	Use With 1X Objective, Working Distance 50mm
	2.0X Auxiliary Objective	Use With 1X Objective, Working Distance 39mm
Other Accessories	Coaxial Device	Use With ϕ 11mm LED Point Light
	Polarized Coaxial Device	Use With ϕ 11mm LED Point Light
	11mm LED Point Light	3W, Brightness Adjustment



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