



A21.1611 OPTO EDU 2D / 3d Video Microscope Auto Rotate Zoom Dual Light

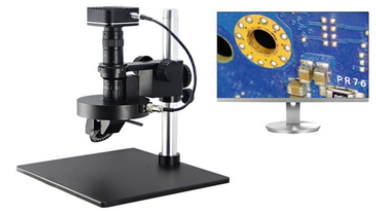
Our Product Introduction

for more products please visit us on cnoec.com

Basic Information

- Place of Origin: China
- Brand Name: CNOEC, OPTO-EDU
- Certification: CE,
- Model Number: A21.1611
- 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

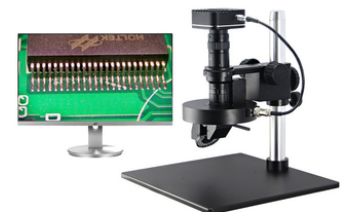
OPTO-EDU



Product Specification

- Optical Magnification: 0.6-5.0X Zoom Body With 0.5X C Mount
- Total Magnification: 14-120X (based On 15.6 Inch 4K Monitor)
- Working Distance: 2D:86mm 3D:50mm
- Ratio: 1:8.3
- Field Of View: 25.6x14.4-3.0*1.7mm
- Lens Mount: Standard C Mount
- Image Sensor: 1/1.8"SONY CMOS
- Max Magnification: 3840x2160
- Pixel Size: 2.0μm X 2.0μm
- Output: HDMI TYPE
- Memory Function: Support Measuring Of Line, Angle, Circle, Radian, Rectangle, Polygon Etc., Precision Reaches The Level Of Micron.
- Highlight: **opto edu 3d video microscope, dual light 3d video microscope, 2d opto edu microscope**

OPTO-EDU



More Images

OPTO-EDU



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Product Description**2D/3D Auto Rotate Zoom Video Microscope, Dual Light**

45° Lens+LED Light, 3D 360° Auto Rotate Control By HDMI Camera Mouse

Main Body Optical Zoom Lens 0.6x-5.0x, With 8.0M 60fps HDMI Camera

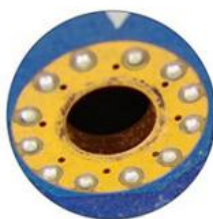
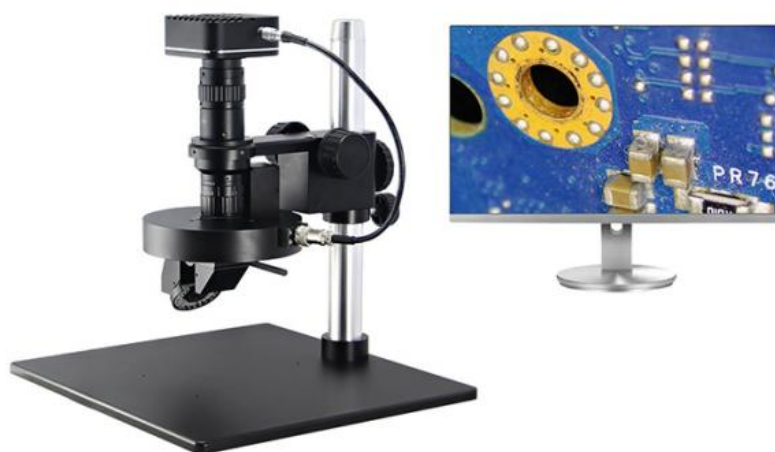
Total Magnification 14x-120x (15.6" LCD), View Field 25.6x14.4-3.0*1.7mm

Dual Light Included: Main Light 276 LEDs, Oblique Light 31 LEDs Attached To 45° Lens Rotate Together

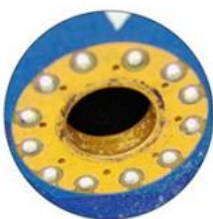
Widely Used For SMT, PCB, BGA Surface Board Assembly Industry

A21.1611

**Automatic 360 Degree Rotation 3D Microscope
(Controlled By Camera)**



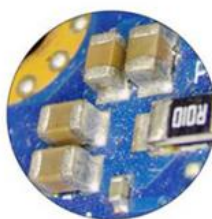
Side Light Off



Side Light On



Side Light Off



Side Light On

Front Light And Side Light

No dead angle lighting, independent switch, independent control of the brightness of the light source, the side lights follow the 3D main body 360° rotation. Positive light: 267 LED lamp beads, color temperature 6000K Side lights: 31 LED lamp beads, color temperature 6000K.

Product Details

4K HDMI measuring camera. Built in software to control the automatic 3D rotation

0.5X C mount

0.6-0.5X zoom body

LED ring light

2D/3D viewer

Side ring light

2D/3D rod

Coarse focus

318mm

330 X 300mm base



HDMI output

USB port
for mouse
and U disk

DC12V 5A power supply

Product Details



2D Mode



3D Mode

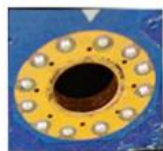
Two Observation Mode
2D Observation Automatic 360 Degree Rotation
3D Observation



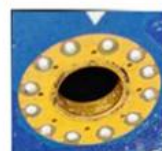
Switch Mode
Push And Pull Switch Simple And Convenient.

Push and pull to switch
between 2D and 3D

Product Details



Side Lamp Off



Side Lamp On

Front Light And Side Light

No dead angle lighting, independent switch, independent control of the brightness of the light source, the side lights follow the 3D main body 360° rotation.

Positive light: 267 LED lamp beads, color temperature 6000K

Side lights: 31 LED lamp beads, color temperature 6000K

Three Optical Magnification Optical

0.6-5.0X zoom body
0.5x C mount (standard)
0.3x C mount (optical)
0.1x C mount (optical)

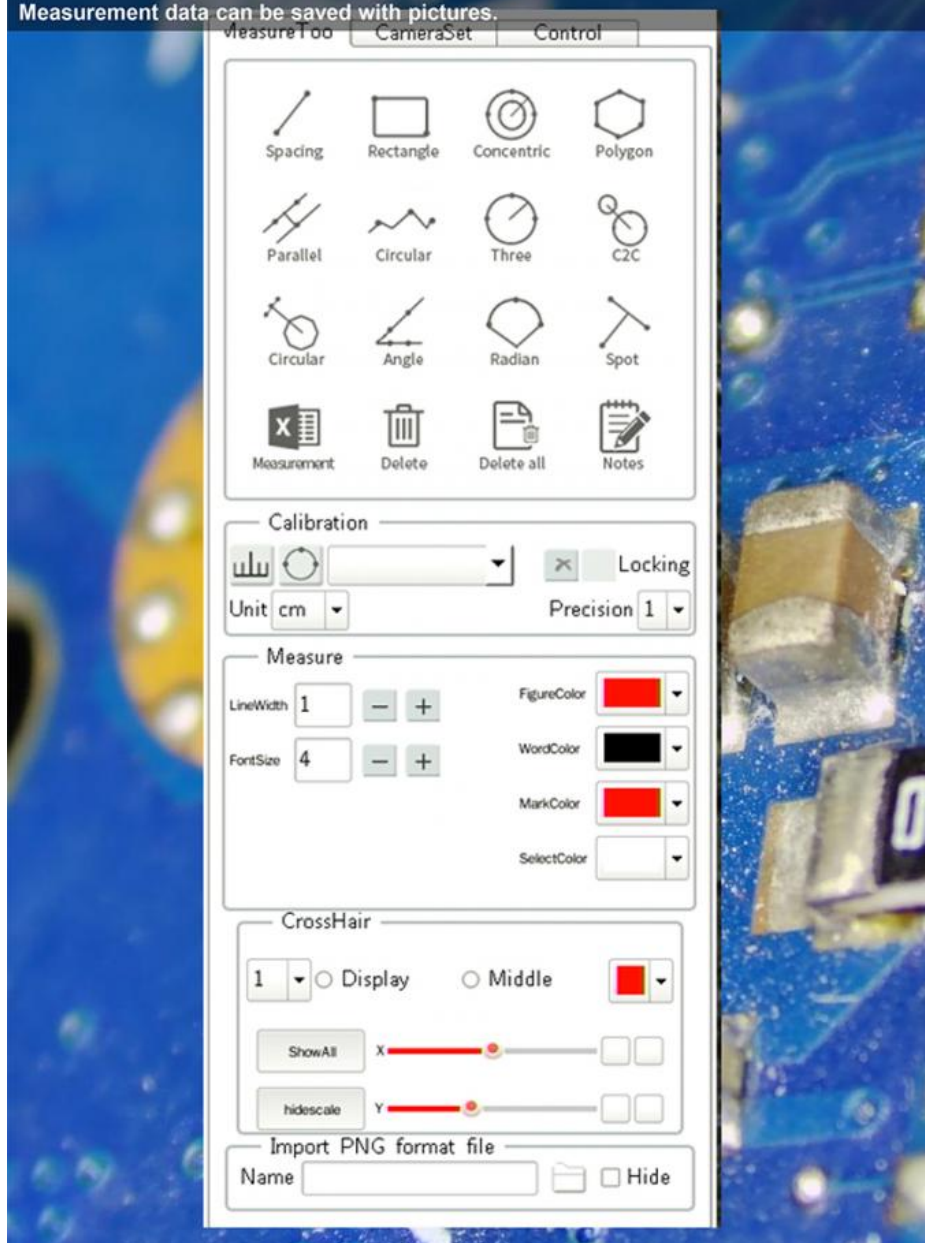



4K HDMI Measuring Camera


1/1.8" SONY CMOS image sensor,
3840*2160 resolution, 60FPS,
support for photo and video,
measurable size


Support line spacing, circle, angle, polygon and other measurements.


Measurement data can be saved with pictures.





Capture


Record


Frozen



Language



Photo


Basic Skills



Support taking pictures, saving images to U disk, browsing pictures online, freezing, image mirroring, automatic white balance, automatic exposure, etc.



CameraSet



Mirror  ☐ Off


Flip  ☐ Off



AWB  ☒ Auto OnePushAWB



Red   39



Green   16



Blue   23



Exposure  ☐ Auto OnePushAE

Brightness   235

Staturation   50

Contrast   32

Denoise   9

HDR   2

☒ Hide Drawing on shotting

Photo naming ☒ Auto ☐ Manual

Default

Update

The motorized 3D rotation is driven by the camera and operated by the mouse, which is convenient and convenient

Steering: Forward/Reverse

stop: stop turning

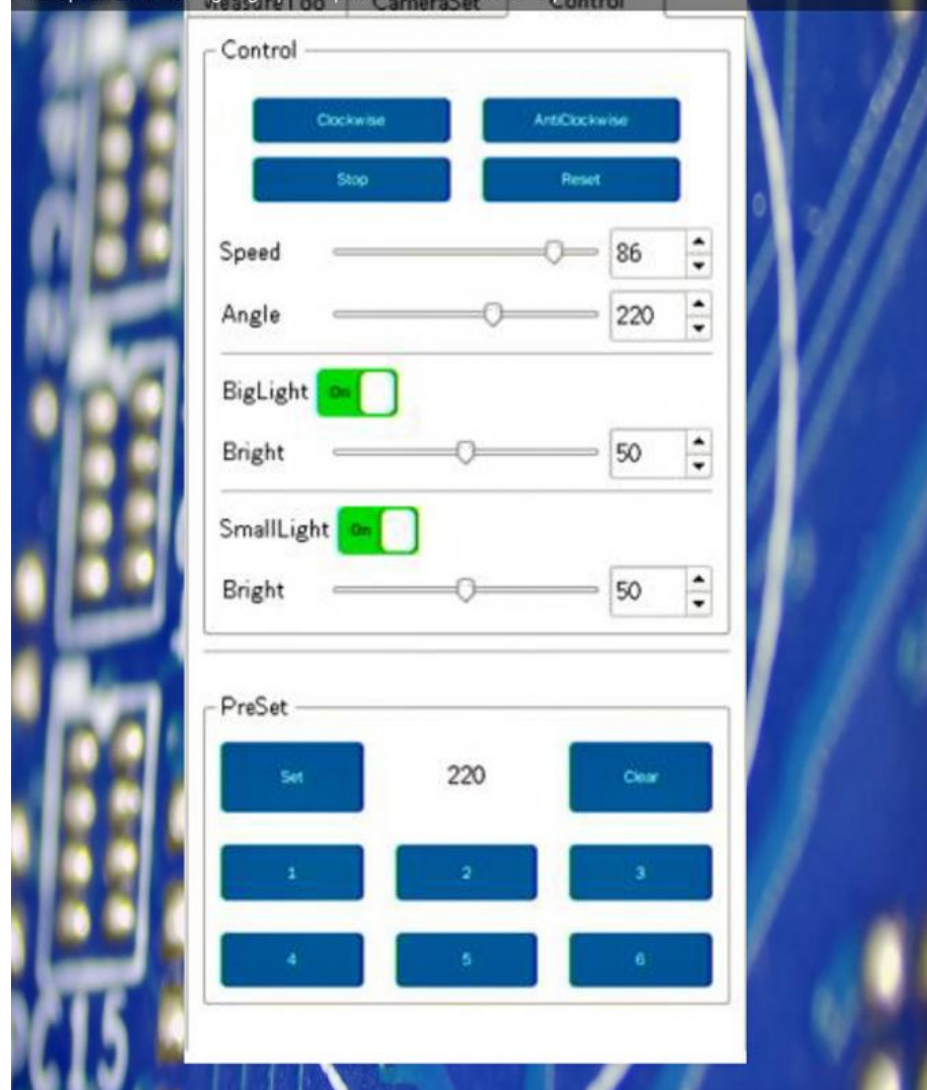
Reset: return to the original position

Speed: can be set to the corresponding angle as needed

Positive light: on/off to adjust the brightness

Side lights: on/off to adjust the brightness

Preset position: 6 viewing angle preset positions can be set as required

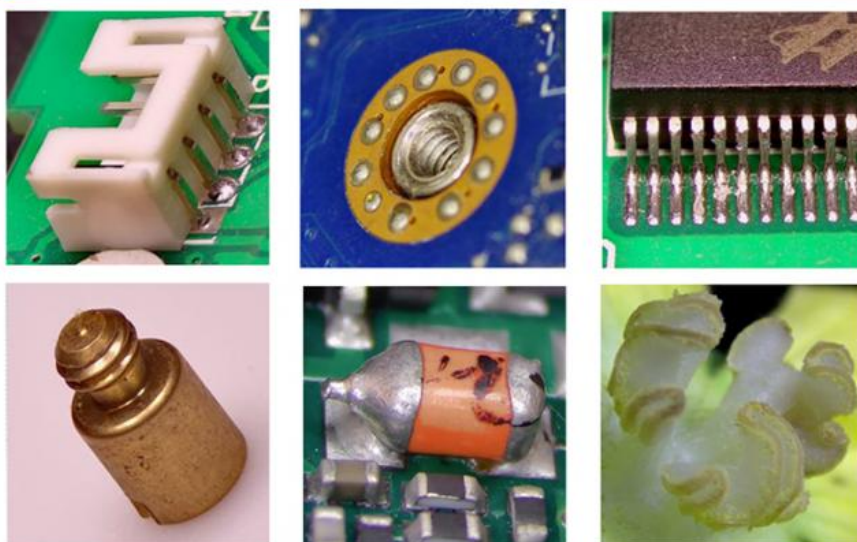


Specification

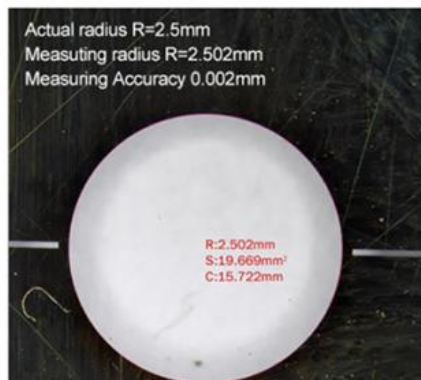


A21.1611 Automatic 360 Degree Rotation 3D Microscope(Controlled By Camera)		
Lens Parameter	Optical Magnification	0.6-5.0X zoom body with 0.5X C mount
	Total Magnification	14-120X (based on 15.6 inch 4K monitor)
	Working Distance	2D:86mm 3D:50mm
	Ratio	1:8.3
	Field Of View	25.6x14.4-3.0*1.7mm
	Lens Mount	Standard C mount
Camera Parameter	Image Sensor	1/1.8"SONY CMOS
	Resolution	3840x2160
	Pixel Size	2.0μm x 2.0μm
	Memory Function	Support Measuring Of Line, Angle, Circle, Radian, Rectangle, Polygon etc., Precision Reaches The Level Of Micron.
Light Source Parameter	Output	HDMI output
	Front light	267 PCS LED,Color Temperature 6000K,Brightness 0-100% Adjustable
	Side light	31 PCS LED, Color Temperature 6000K,Brightness 0-100% Adjustable
Stand Parameter	Focus	Coarse Focus
	Base Size	330*300mm
	Height	318mm

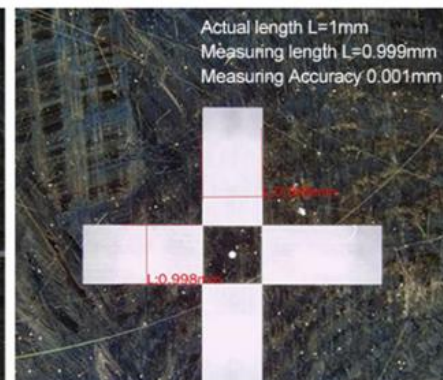
Real Shot Effect



Actual radius $R=2.5\text{mm}$
Measuring radius $R=2.502\text{mm}$
Measuring Accuracy 0.002mm



Actual length $L=1\text{mm}$
Measuring length $L=0.999\text{mm}$
Measuring Accuracy 0.001mm



High measurement accuracy, up to micron level.



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