



## OPTO-EDU A59.4220 With Windows PC Digital Camera for Microscope 8.0M Manual Stitching EDF

Our Product Introduction

for more products please visit us on [cnoec.com](http://cnoec.com)

### Basic Information

- Place of Origin: China
- Brand Name: CNOEC, OPTO-EDU
- Certification: CE, Rohs
- Model Number: A59.4220
- 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

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### Product Specification

- Resolution: 8.0M
- FPS: 25fps@3840x2160
- Sensor: 1/1.8" CMOS
- Computer: CPU 12th N150, Memory 12G, HD 128G, Win11
- Software: Pre-Installed Measure Software HCAMX

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### More Images

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## Product Description

4K 8.0M Digital Camera, 1/1.8" CMOS, 25fps@3840x2160  
 All-in-One PC, With CPU 12th N150, Memory 12G, Hard Disk 128G  
 Output HDMI, USB3.0x2, Type C, TF Card, Ethernet Net, Bluetooth, 2.4G/5G WIFI,  
 Win11 English Version, Pre-Installed Measure Software,  
 Support 2D Manual Stitch, Manual EDF (Extended Depth Fusion)



## A59.4220

Windows PC+Digital Camera, 8.0M, Manual Stitching,  
 EDF



## A59.4220 Specification

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### Features

- 4K 8.0M Digital Camera, 1/1.8" CMOS, 25fps@3840x2160
- All-in-One PC, With CPU 12th N150, Memory 12G, Hard Disk 128G
- Output HDMI, USB3.0x2, Type C, TF Card, Ethernet Net, Bluetooth, 2.4G/5G WIFI
- Win11 English Version, Pre-Installed Measure Software
- Support 2D Manual Stitch, Manual EDF (Extended Depth Fusion)

### A59.4220 Windows PC + Digital Camera, 8.0M

Resolution	8.0M
FPS	25fps@3840x2160
Sensor	1/1.8" CMOS

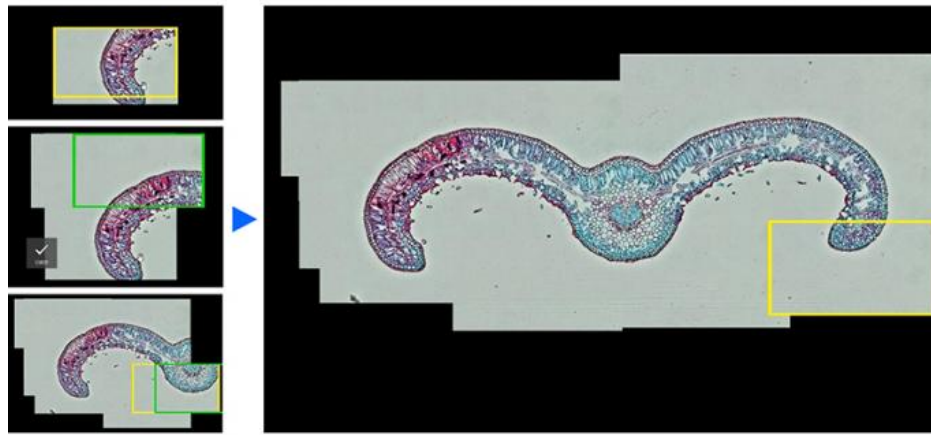
Computer	CPU 12th N150, Memory 12G, HD 128G, Win11
Data Interface	HDMI x1 USB3.0 x2, Type C, TF Card, Ethner Net, Bluetooth, 2.4G/5G WIFI,
Software	Pre-Installed Measure Software HCAMX
Software Functions	Real Time Image Stitiching
	Real Time Extend Depth of Fusion (EDF)
	Pre-Setted Mode For Biological, Stereo, Metallurgical View
	Image Capture, Video Record
	All Camera Parameters Setting
	All Kinds Measuring
	Output Format & Path Selection
	Report Generation And Printing





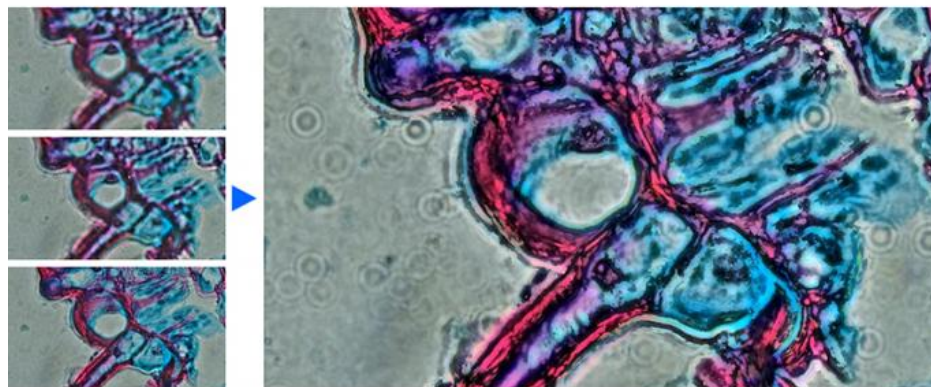
### ► Real Time 2D Image Scan & Stitching

Just move the working stage X/Y slowly under high magnification, the HCAMX software will scan and stitch the images, a full view large size and high-resolution image will be made easily, enable to zoom in/out the image by mouse scroll button quickly.



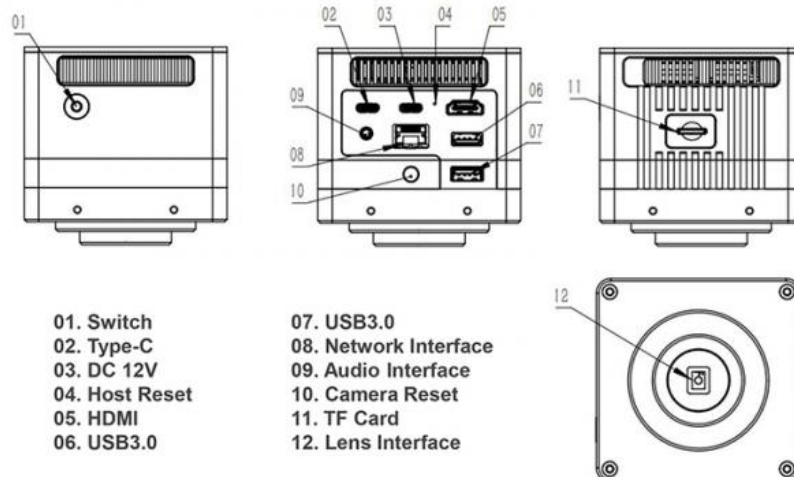
### ► Real Time 3D Extend Depth of Fusion (EDF)

Just focus the image along Z axis slowly under high magnification, the HCAMX software will collect multiple images with different focus and synthesize one image for output. It is easy to view the specimens that require a certain depth of field.

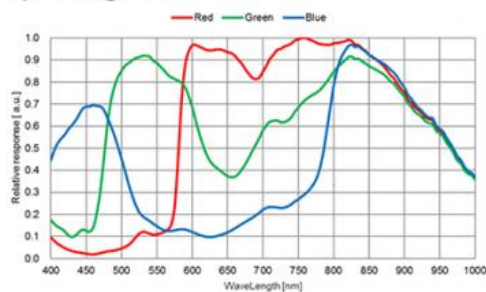




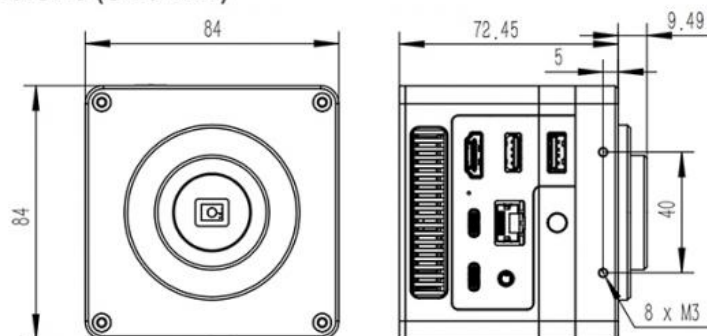
## ► Data Interface



## ► Spectrogram



## ► Camera Size (Unit: mm)



**A59.4220 comes with Win 11 computer and digital camera, pre-installed software HCAMX.** The software include customized mode for Biological/Stereo/Metallurgical modes, it works fine for biological, fluorescent, metallurgical, mono zoom and stereo zoom microscope.



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