



OPTO-EDU A59.4972 12.0M 8K 5G WIFI Camera Microscope Hdmi

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: A59.4972
- 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

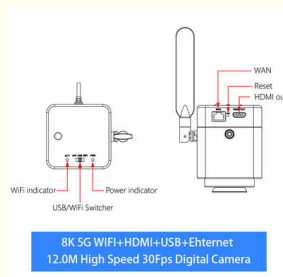


Product Specification

- Physical Pixel: 12.0MP
- Sensor Model: Sony IMX412 CMOS
- Exposure Mode: Roller Shutter Exposure
- Highest Resolution: 8K, 4000x 3000 (12.000.000)
- Sensor Size: 1/2.3"
- Pixel Size: 1.55 μ m $\times$ 1.55 μ m
- Spectral Response: 380-650nm, For Fluorescent, Dark Field Image
- Exposure: Automatic And Manual
- White Balance: Real-time Auto, Manual Adjustment
- Highlight: **OPTO-EDU camera microscope hdmi, 12.0m camera microscope hdmi, 8k hdmi microscope camera**



More Images



Product Description

A59.4972 8K 5G WIFI+HDMI+USB+Ehternet Digital Camera, 12.0M, C-Mount, USB/WIFI Measuring

Advantages

- 8K 5G WIFI+HDMI+USB+Ehternet 12.0M High Speed 30Fps Digital Camera
- 1/2.3" High Quality CMOS Sensor Excellent Color Restoration
- 5G WIFI & USB 2.0 Data Output Support Computer Win7, Win10, iMac
- Perfectly Compatible With Three Main Systems of Windows, iOS And Android.
- Professional Analysis Software Support Measuring, Image Stitching, Field Of View Extend

Full Range Output Ways To View High Quality Microscope Images

Perfectly Compatible With 3 Main Systems: Windows, iOS and Android.

8K @30Fps Resolution Output To Computer Throught 5G WIFI or USB 2.0 Directly.

4K @30Fps Resolution Output To Monitor, TV, or Projector Through HDMI Port

Mobile Phone or Tablet Can Scan The QR Code To Get Shared Live Image Through 5G WIFI
WAN Connect To Router To Support PC or Smart Device Within The Same LAN Viewing Microscope
Through Network.

Wide Spectral Response Range Specially Designed For Fluorescent Image, Dark Field Image From
Microscope



Olympus Official Appoint Digital Camera
For CX21, CX23, CX31

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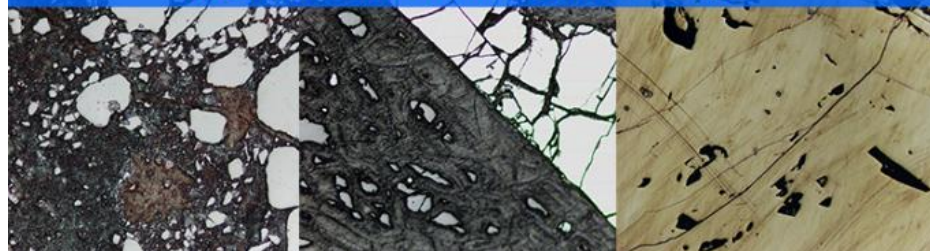


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Ideal Digital Camera 12.0M For
High Level Polarizing Microscope



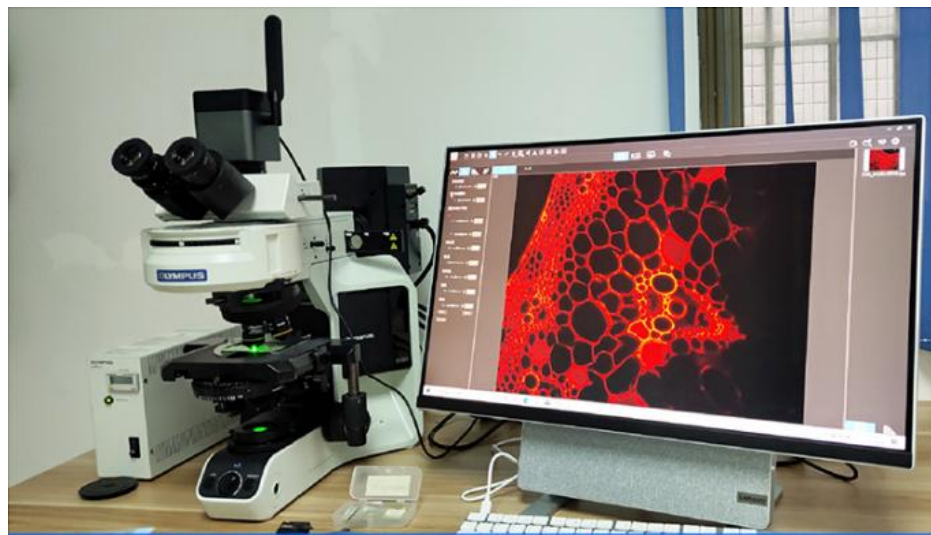


8K 5G WIFI+HDMI+USB+Ehternet
12.0M High Speed 30Fps Digital Camera

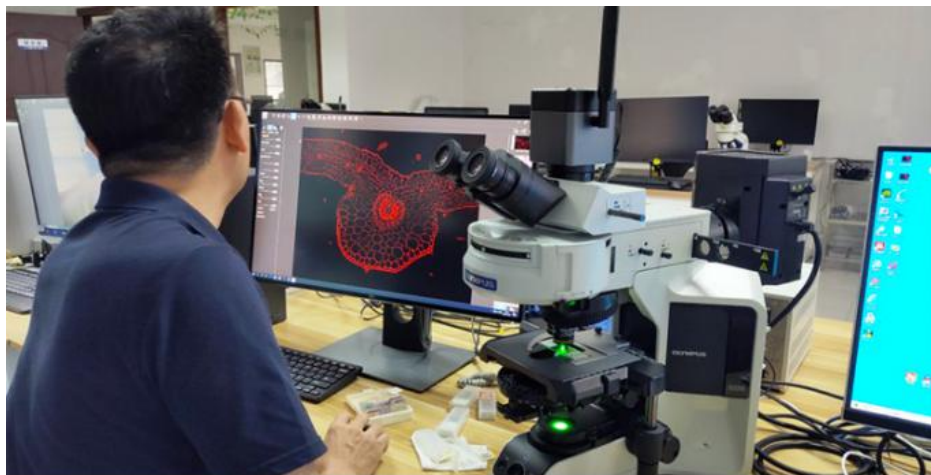
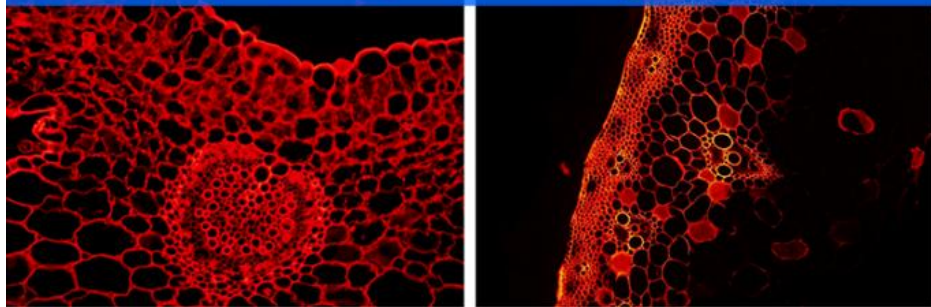


1/2.3" High Quality CMOS Sensor
Excellent Color Restoration

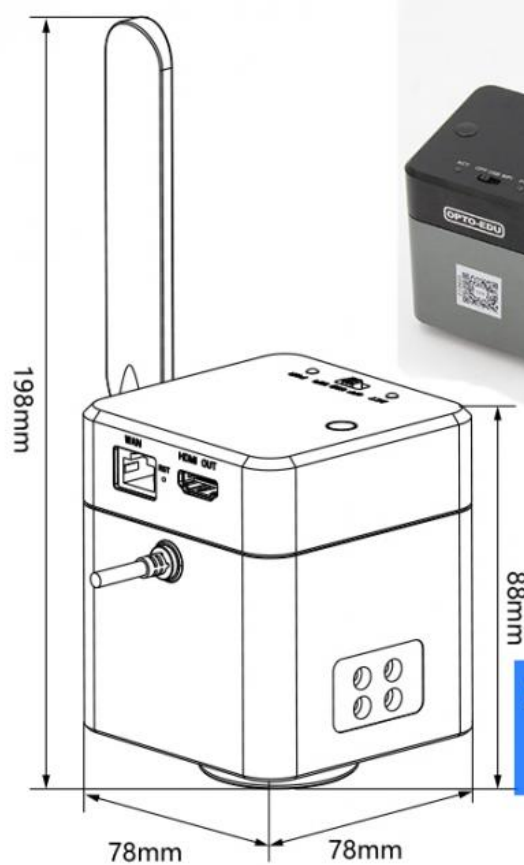




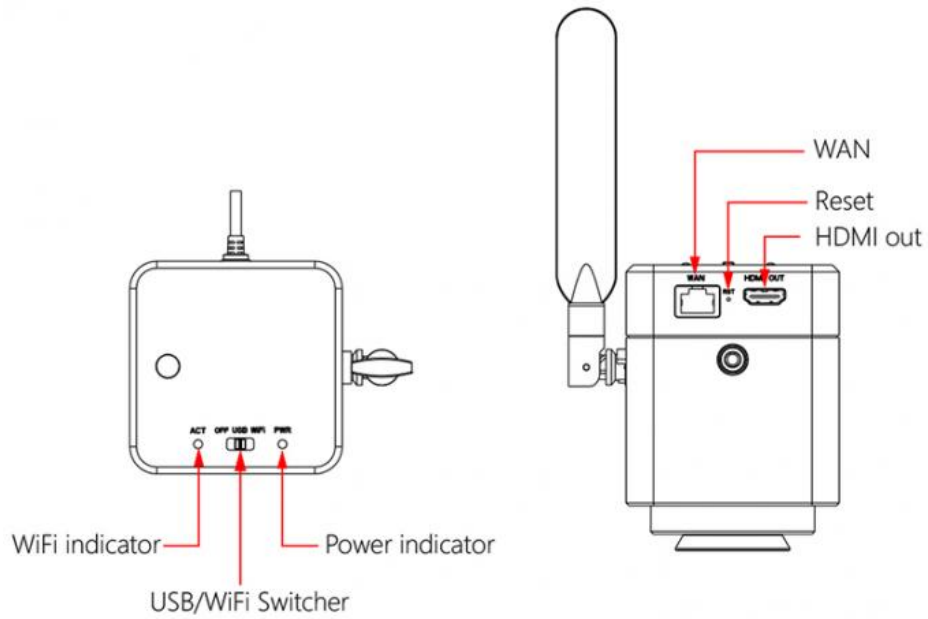
Wide Spectral Response Range Specially Designed
For Fluorescent Image



A59.4972 Win Tender With Olympus Microscope



Size: 30.5*16.5*10.5cm
Weight: 0.9kg/Piece

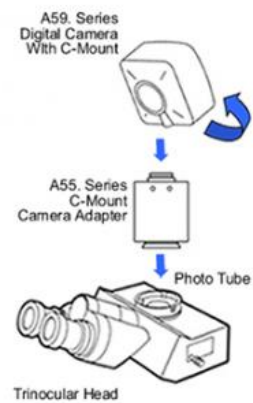


8K 5G WIFI+HDMI+USB+Ehternet 12.0M High Speed 30Fps Digital Camera

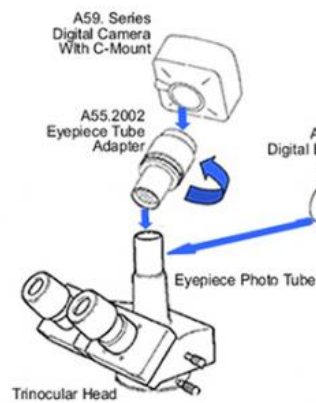
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How Camera Connect To Microscope

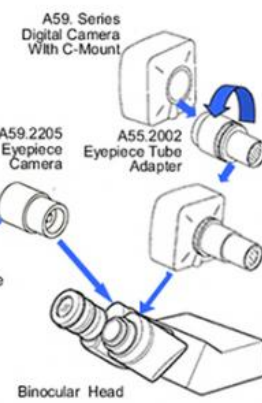
1. To Trinocular Microscope On Straight Photo Tube



2. To Trinocular Microscope On Eyepiece Photo Tube

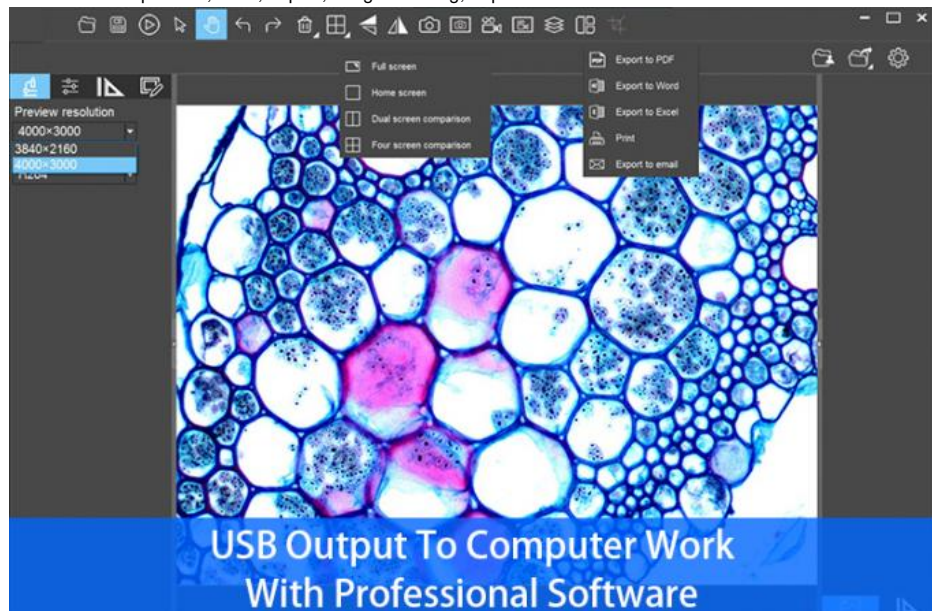


3. To Binocular Microscope On Eyepiece Tube

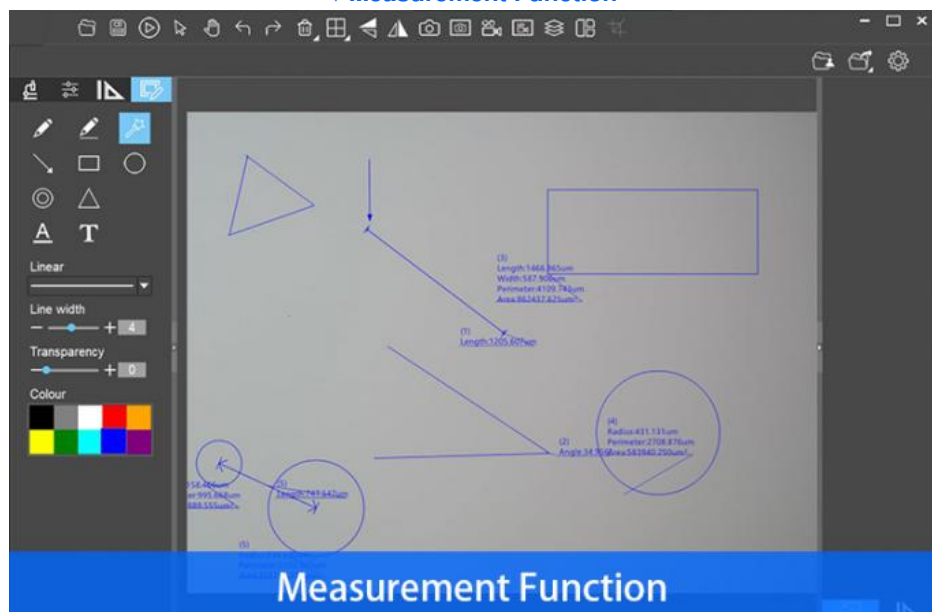




The software can realize preview, save, export, image stitching, depth of field fusion. Measurement Function and other functions.

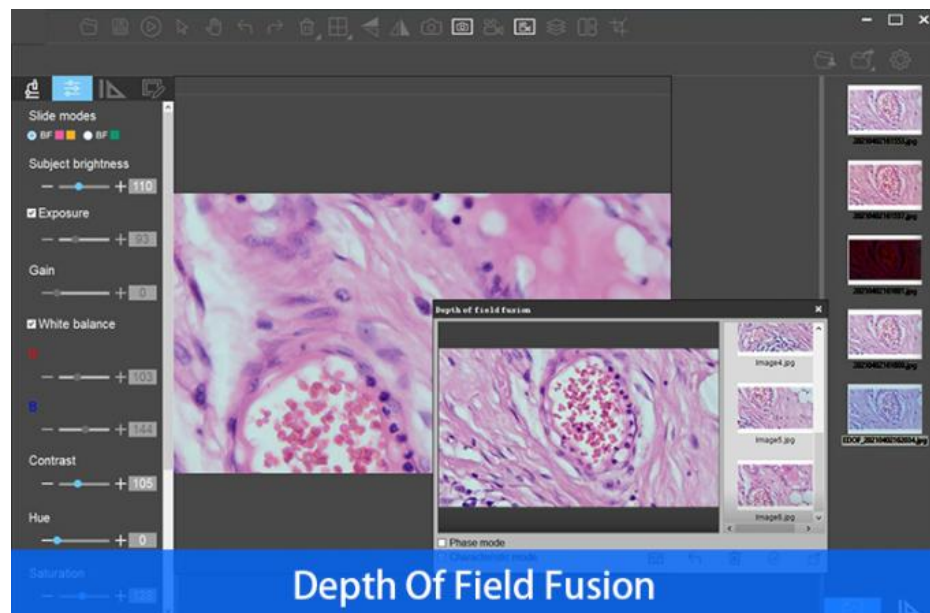


◆ Measurement Function



◆ Depth Of Field Fusion

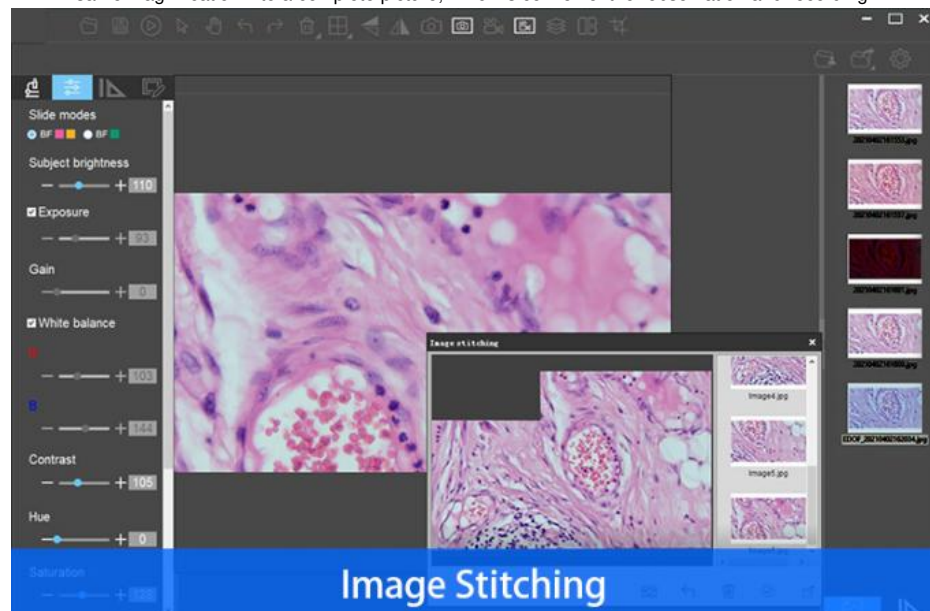
When the thickness of the observed object is thick, the problem of insufficient depth of field of the camera is perfectly solved, and the images of different heights of the observed object can be combined into a clear picture in all directions



◆ Image Stitching

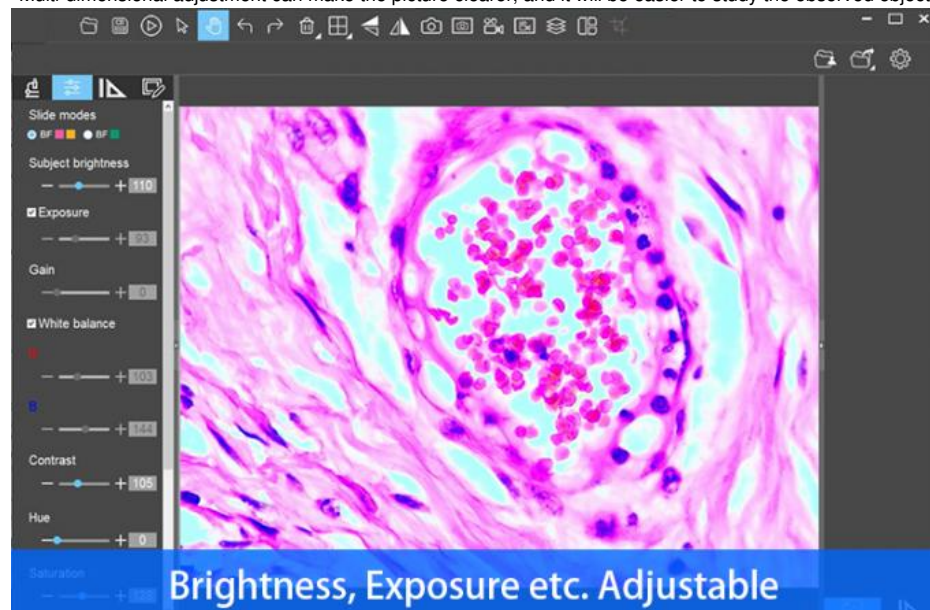
Due to the limited field of view of the microscope, the object under observation is generally not fully displayed under high magnification.

The Image Stitching function can stitch the images of different positions observed under the same magnification into a complete picture, which is convenient for observation and recording.



◆ Brightness, Exposure etc. Adjustable

Multi-dimensional adjustment can make the picture clearer, and it will be easier to study the observed object

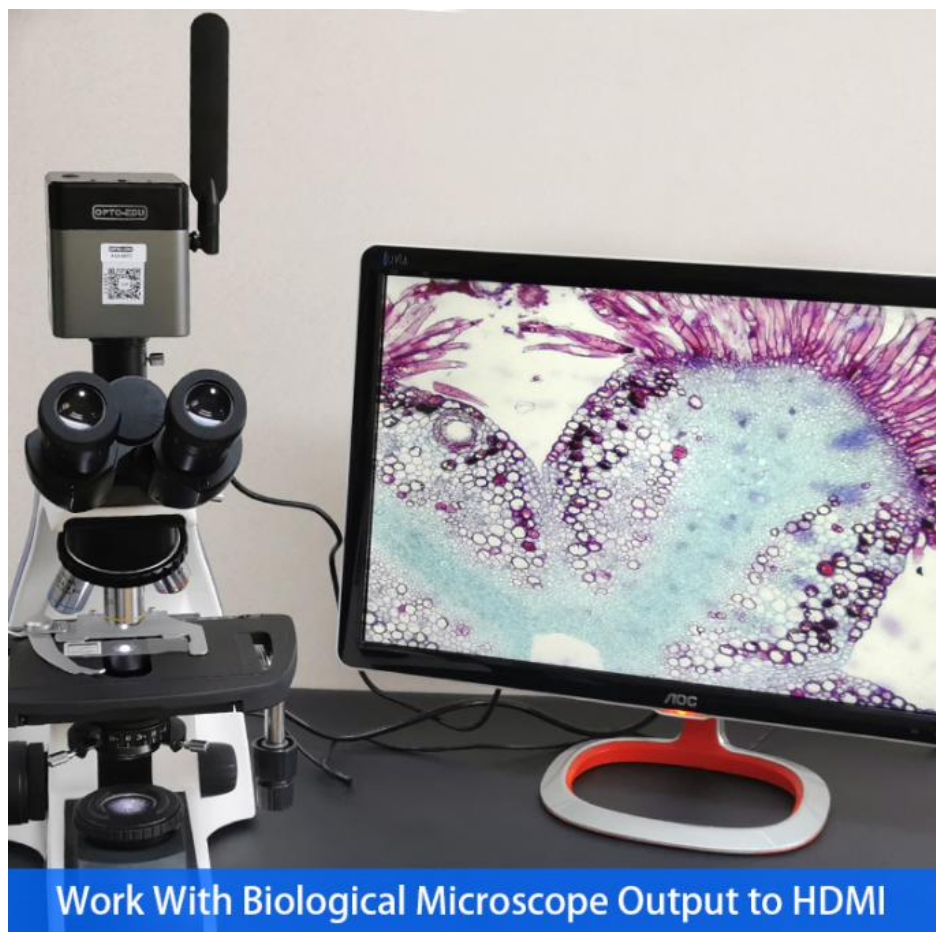




Work With Stereo Microscope Output to HDMI



Sharp & Clear Image With True Color



Work With Biological Microscope Output to HDMI



4K @30Fps Resolution To HDMI Monitor

A59.4972 8K 5G WIFI+HDMI+USB+Ehternet Digital Camera, 12.0M	
Output	USB Output, PC Software
	HDMI Output
	5G WIFI Output, App Software
	Ehternet Output, WAN Port
Physical Pixel	12.0MP
Sensor Model	Sony IMX412 CMOS

Exposure Mode	Roller Shutter Exposure
Highest Resolution	8K , 4000x 3000 (12.000.000)
Sensor Size	1/2.3"
Pixel Size	1.55μm×1.55μm
Spectral Response	380-650nm, For Fluorescent, Dark Field Image
Exposure	Automatic And Manual
White Balance	Real-time Auto, Manual Adjustment
Record Format	Snapshot Format:JPG Resolution: 4000×3000,3840×2160 Record Format:MP4 file Resolution:1920×1080@30FPS
Power Consumption	DC 5V 2A
HDMI Output Resolution	Auto-adaptive Display, Up To 3840 × 2160P30
Supporting Protocol	5G WiFi IEEE 802.11ac
Working Frequency	5.180-5.825GHz



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