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

Our Product Introduction

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

OPTO-EDU

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: 1.55μm×1.55μm
- Highlight: **digital trinocular microscope**,
                              infinity plan microscope

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

More Images

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

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

OPTO-EDU

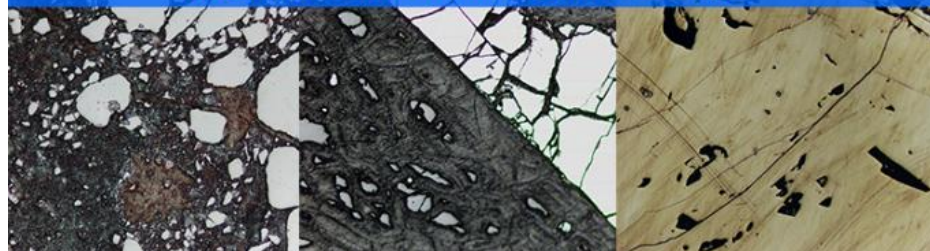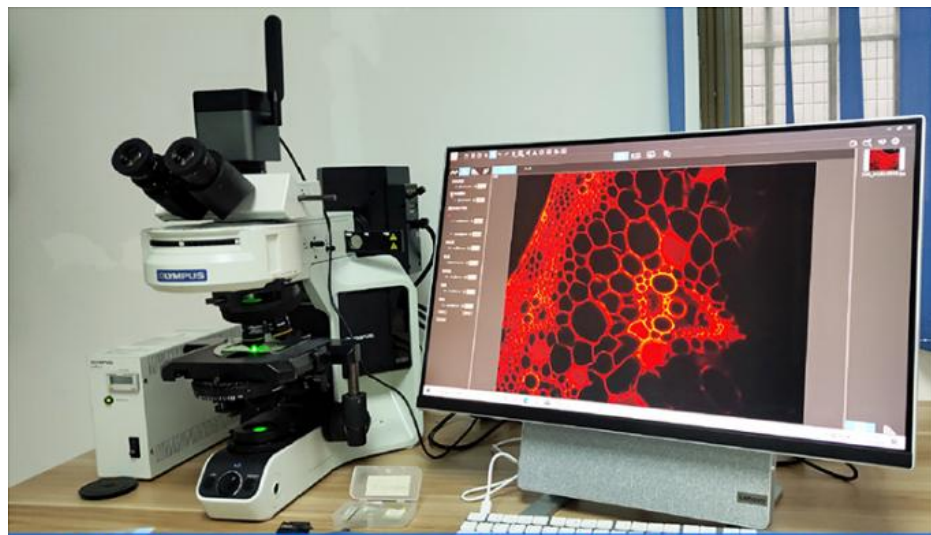Olympus Offical Appoint Digital Camera
For CX21, CX23, CX31

ACT   OFF USB WiFi   PWR

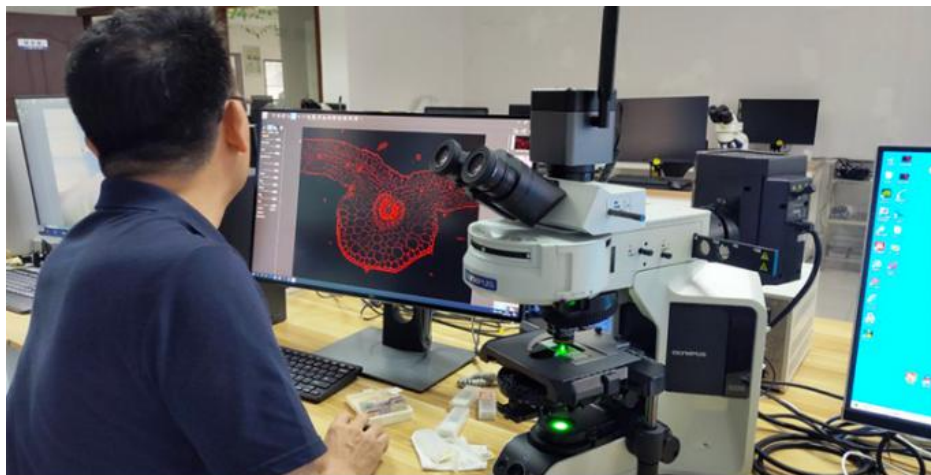Ideal Digital Camera 12.0M For
High Level Polarizing Microscope

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

1/2.3" High Quality CMOS Sensor
Excellent Color Restoration

Enternet   USB2.0   8K HDMI   5G WIFI

iPad   iOS   And-roid

5G WIFI

LCD

8K HDMI

Windows   Laptop

Enternet   USB2.0

Support All Output Way To Your Device
USB + 5G WIFI + 8K HDMI + WAN

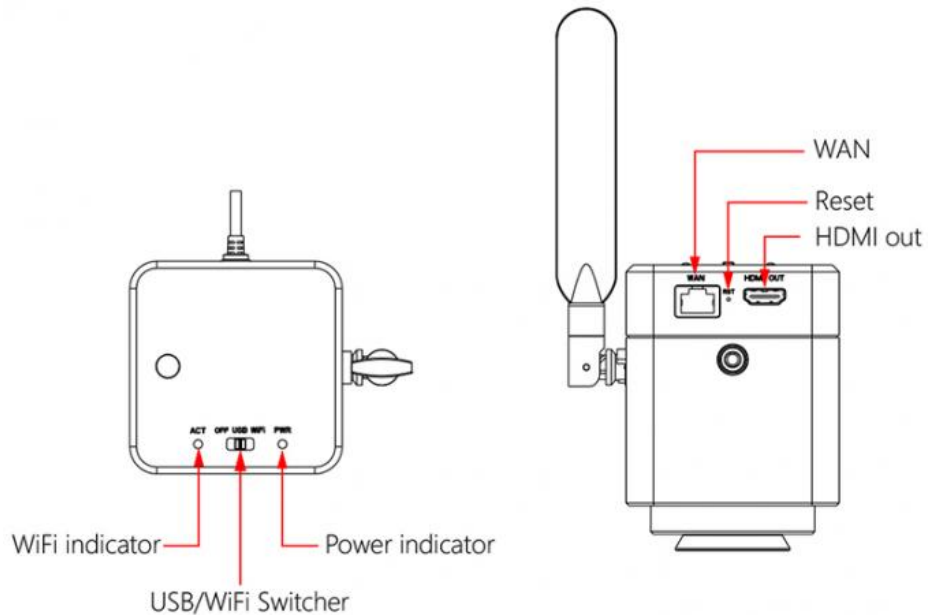Wide Spectral Response Range Specially Designed
For Fluorescent Image

198mm

WAN

HDMI OUT

88mm

78mm 78mm

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

OPTO-EDU

WAN
Reset
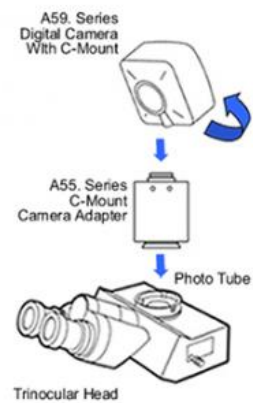HDMI out

WiFi indicator
USB/WiFi Switcher
Power indicator
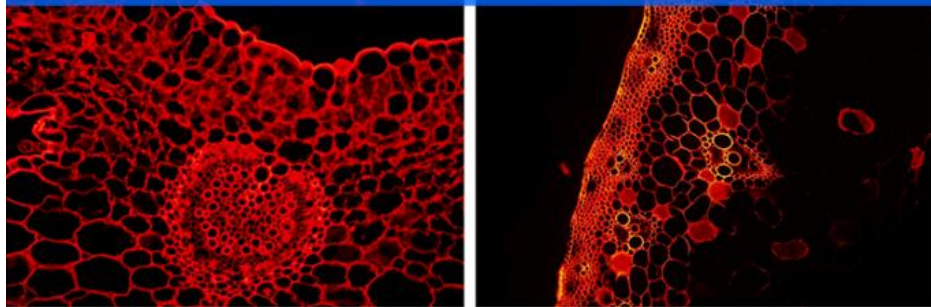
8K 5G WIFI+HDMI+USB+Ehternet
12.0M High Speed 30Fps Digital Camera

OPTO-EDU   **How Camera Connect To Microscope**

1. To Trinocular Microscope
   On Straight Photo Tube

A59. Series
Digital Camera
With C-Mount

A55. Series
C-Mount
Camera Adapter

Photo Tube

Trinocular Head

2. To Trinocular Microscope
   On Eyepiece Photo Tube

A59. Series
Digital Camera
With C-Mount

A55.2002
Eyepiece Tube
Adapter

Eyepiece Photo Tube

Trinocular Head
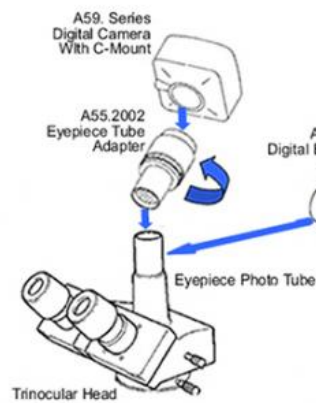
3. To Binocular Microscope
   On Eyepiece Tube

A59. Series
Digital Camera
With C-Mount

A59.2205
Digital Eyepiece
Camera

A55.2002
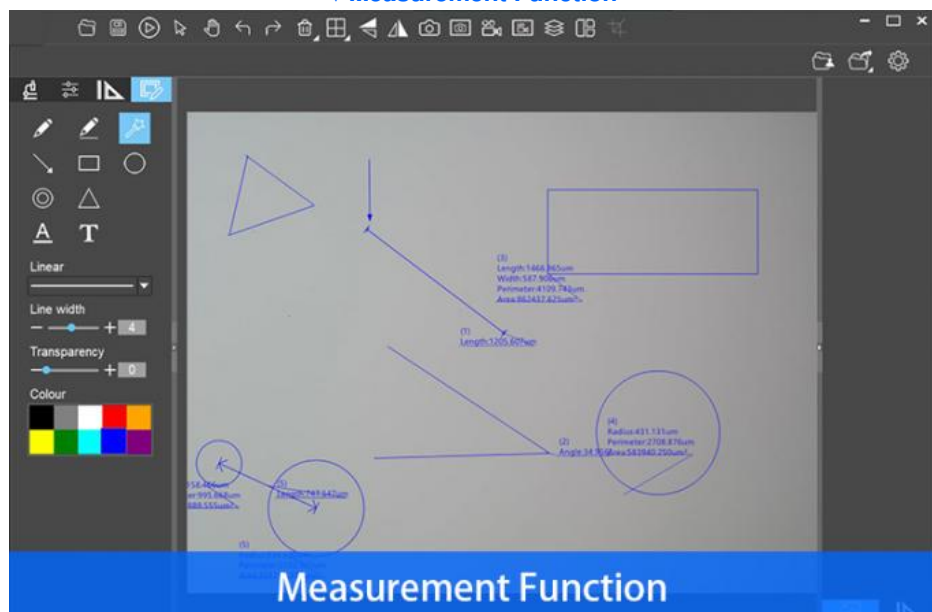Eyepiece Tube
Adapter

Binocular Head

4K HDMI+8K USB Output At Same Time
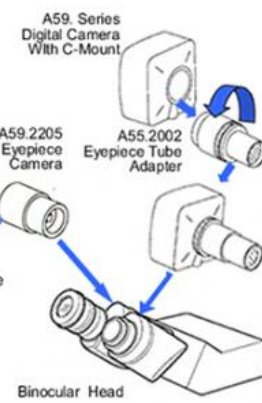
The software can realize preview, save, export, image stitching, depth of field fusion. Measurement Function and other functions.

USB Output To Computer Work With Professional Software

♦ **Measurement Function**
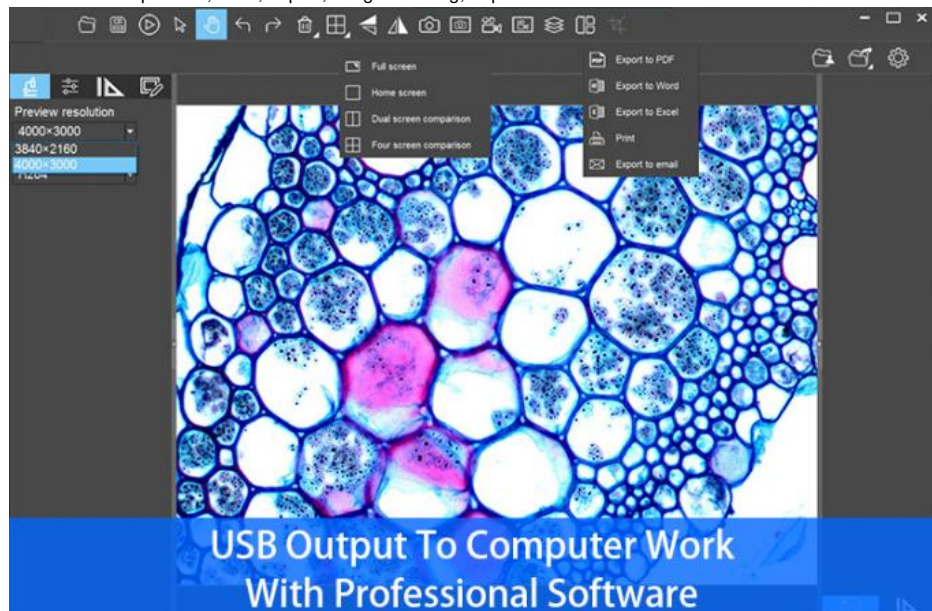
Measurement Function

♦ **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

Depth Of Field Fusion
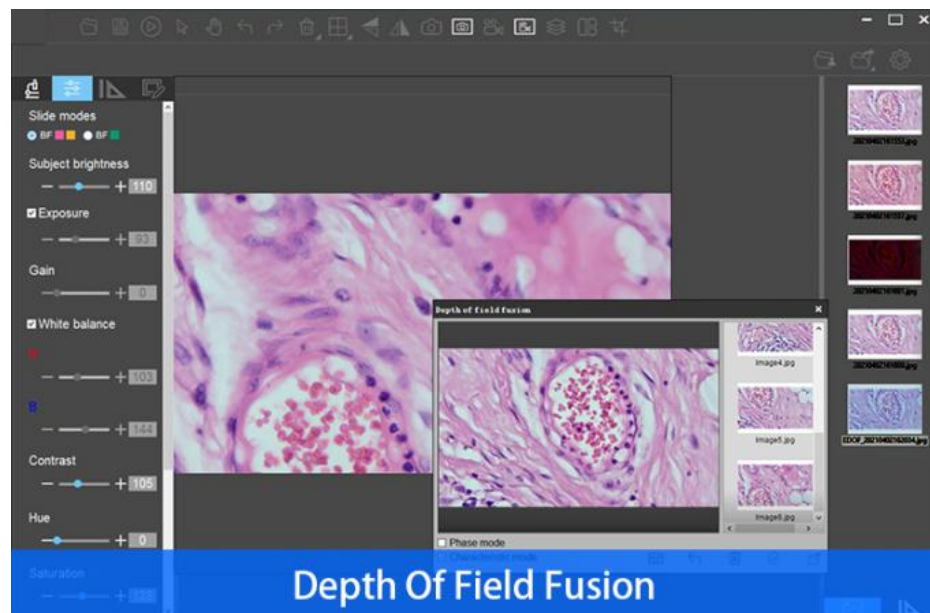
♦ Image Stitching

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.

Image Stitching
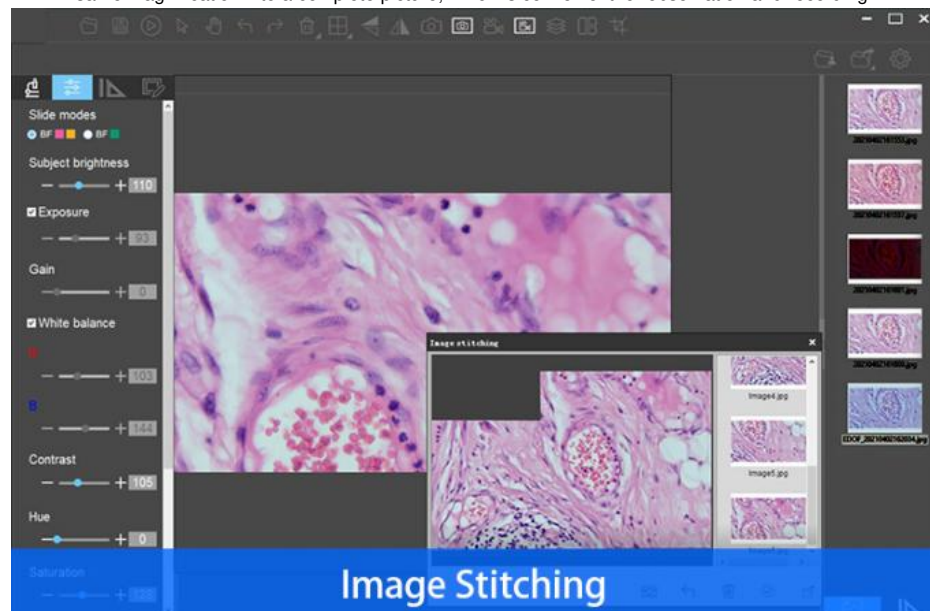
♦Brightness, Exposure etc. Adjustable

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

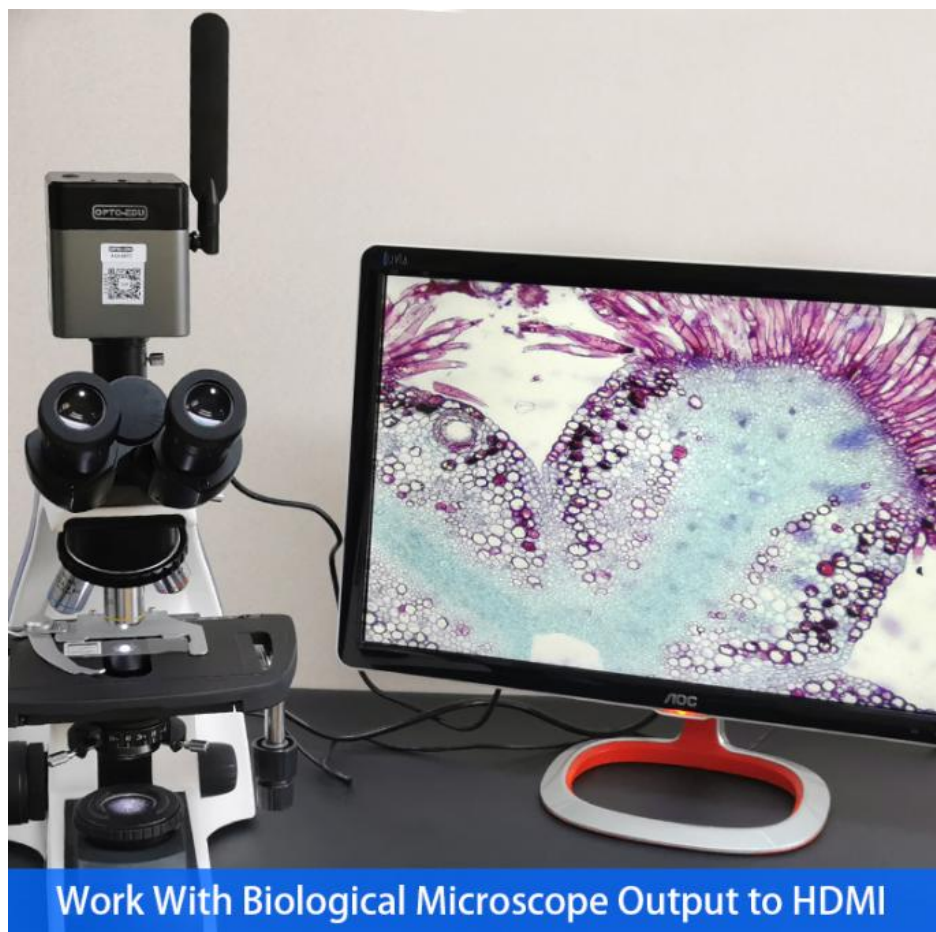
Brightness, Exposure etc. Adjustable
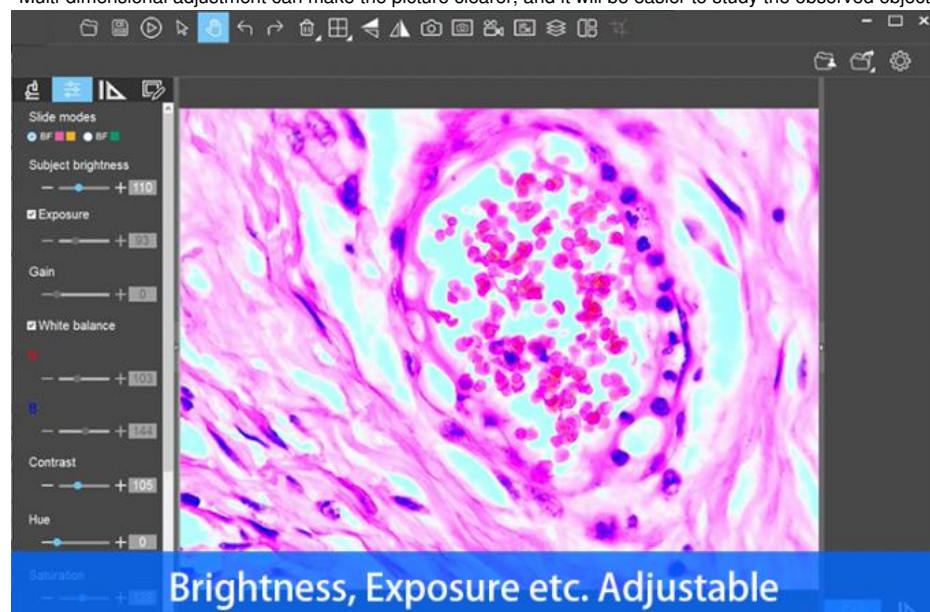
Work With Stereo Microscope Output to HDMI

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