



## 11.6" 8.0M Digital Microscope Camera with 4K 3840x2160 Resolution

### 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: A59.3550
- 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

- Sensor: 1/2.8" Sony Star Light Level CMOS Sensor
- Resolution: 8.0M CMOS
- LCD Screen: 11.6" LCD, Resolution 1920x1080p High Clearance Screen
- Output: HDMI, USB Hard Disk
- Pixel Size: 2.0x2.0um
- Power Supply: DC 12V/2A Power Adapter, Input 100-240V AC
- Highlight: 1080p Hd Microscope Camera, 11.6" Hd Microscope Camera, OPTO EDU Hd Microscope Camera

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#### More Images

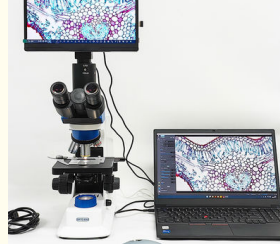
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## Product Description

11.6" LCD 8.0M Digital Camera With 1/1.8" CMOS, 4K 3840\*2160@60fps

Output Image to All Ways: HDMI+USB3.0+USB2.0x2+WIFI6

HDMI With Built-in S-Eye Software Support USB Keyboard + Mouse Measuring

USB3.0 Output to PC, Support Software S-Eye, ImageView For Measuring, EDF, Stitching

WIFI6 Output, Support WIFI Digital Interactive Classroom Up To 60 Microscope & Cameras



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## A59.3550

11.6" LCD Digital Camera, 8.0M, HDMI+USB3.0+WIFI,  
Support WIFI Net



## A59.3521 VS A59.3550 Upgrade 2025!

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Upgrade 2025!

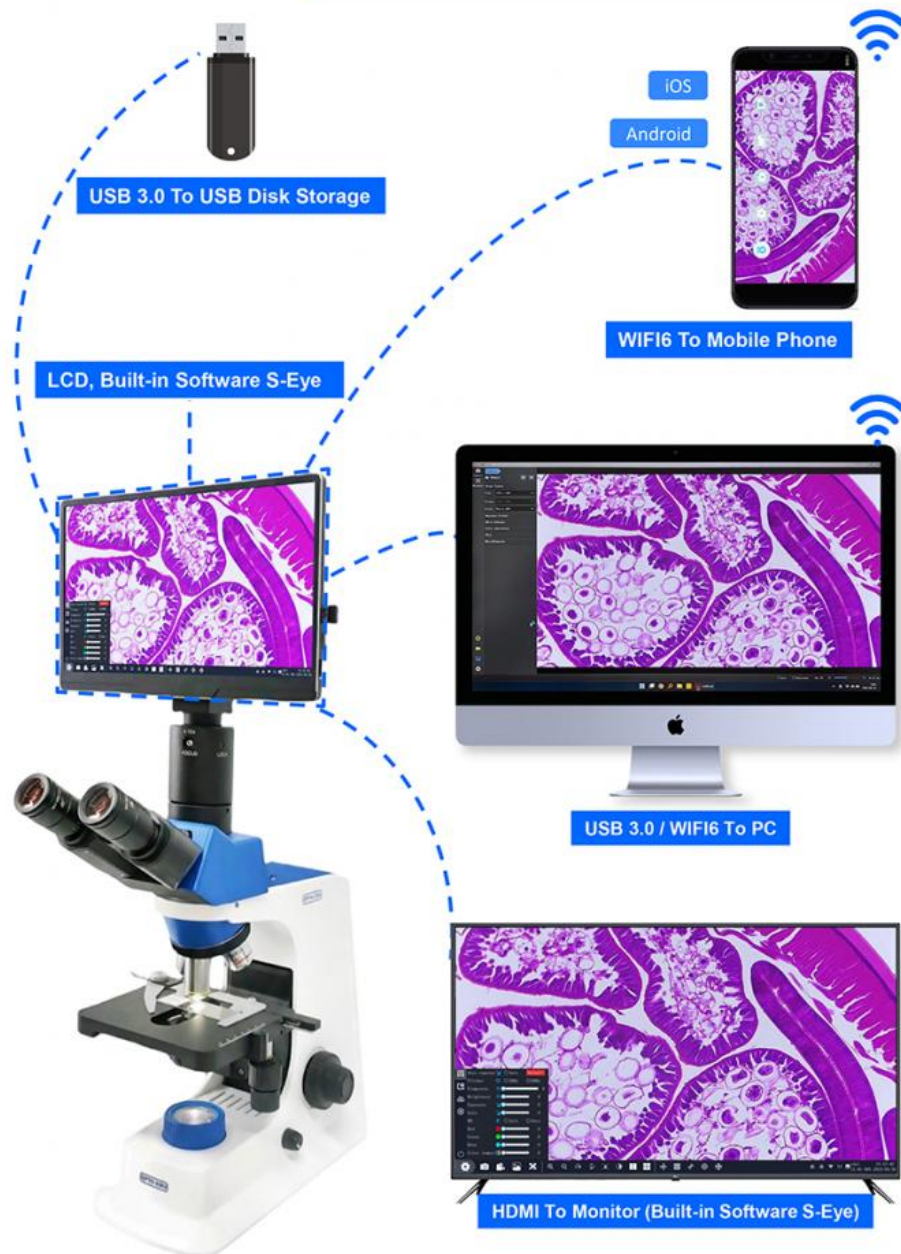


	A59.3521	A59.3550 Upgrade 2025!
LCD	10.5" HD IPS Touch Screen With Backlight	11.6" LCD High Clearance Screen
Camera	8.0M 4K Digital Camera	8.0M 4K Digital Camera

Sensor	1/1.8" CMOS	1/1.8" CMOS
Resolution	3840*2158 @30FPS Preview	3840*2158 @30FPS Preview
	Photo 16M	Photo 16M
	Video 1920x1080p	Video 1920x1080p
Pixel	2.0umx2.0um	2.0umx2.0um
Memory	2GB LPDDR4 / 16GB EMMC	4GB LPDDR4
Digital Zoom	<b>16x</b>	<b>10x</b>
Control	USB Mouse + Keyboard Control, Touch Control	USB Mouse + Keyboard Control
Interface	USB3.0x2, HDMI x1, Lan x 1	USB3.0 x3, USB2.0 x2, HDMI x1, WIFI
Data Output	LCD, Built-in S-Eye Software	LCD, Built-in S-Eye Software
	HDMI*1 Sync Output to Monitor	HDMI*1 Sync Output to Monitor
	-	<b>USB 3.0 To PC (Software S-Eye)</b>
	USB3.0*2 To USB Disk Storage	USB 3.0 To USB Disk Stroage
	-	<b>WIFI6 To PC (Software S-Eye)</b>
	-	<b>WIFI6 To Mobile Phone (S-Eye App)</b>
	LAN To PC	-
Image Format	.jpg	.jpg
Video Format	1080p	1080p
System	Android 11 System	Linux SMP
	90 Languages	CN, EN, DE, FR, JP, IT, RU, Support Customized
	Exposure Control Auto/Manual	Exposure Control Auto/Manual
	White Balance Auto/Manual	White Balance Auto/Manual
	Support WIFI	<b>WIFI Digital Interactive Classroom</b> Up To 60 Microscope & Cameras
	Support Bluetooth	-
Software Function	Direct Enter Microscope View S-Eye Software & Instruction Manual Installed, All Kinds Mark, Measure, Analysis Function Set Brightness, Contrast, Exposure, White Balance	Direct Enter Microscope View, S-Eye Software & Instruction Manual Installed, All Kinds Mark, Measure, Analysis Function Set Brightness, Contrast, Exposure, White Balance <b>Support Software ImageView For EDF, Stitching</b>
Size	Pad 237x169x10.5mm, Camera 40x39mm	Pad 271x171.5x50mm, Camera 40x40mm
Power	DC 12V/2A Power Adaptor, AC 100~240V	

## A59.3550 Output

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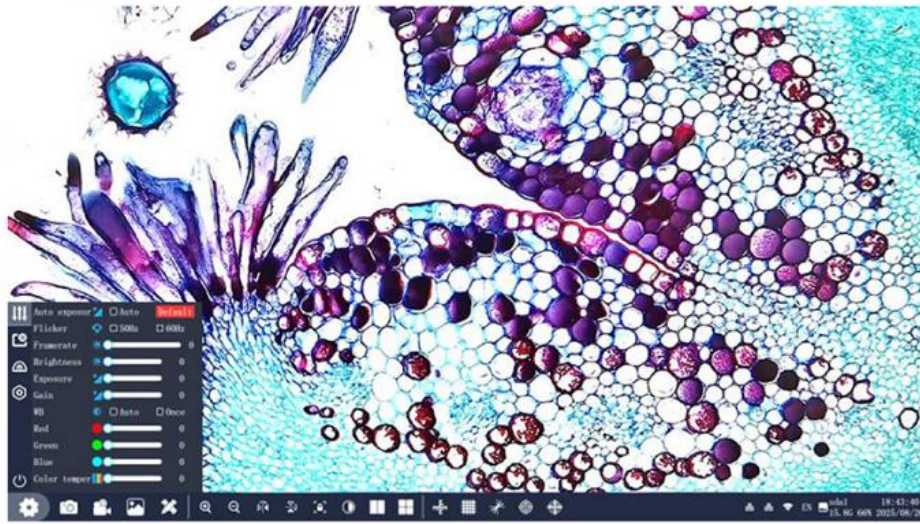
## A59.3550 Software & App

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### LCD / HDMI To Monitor, Built-in Software S-Eye

Move the mouse to the bottom of screen, the main menu will pop up



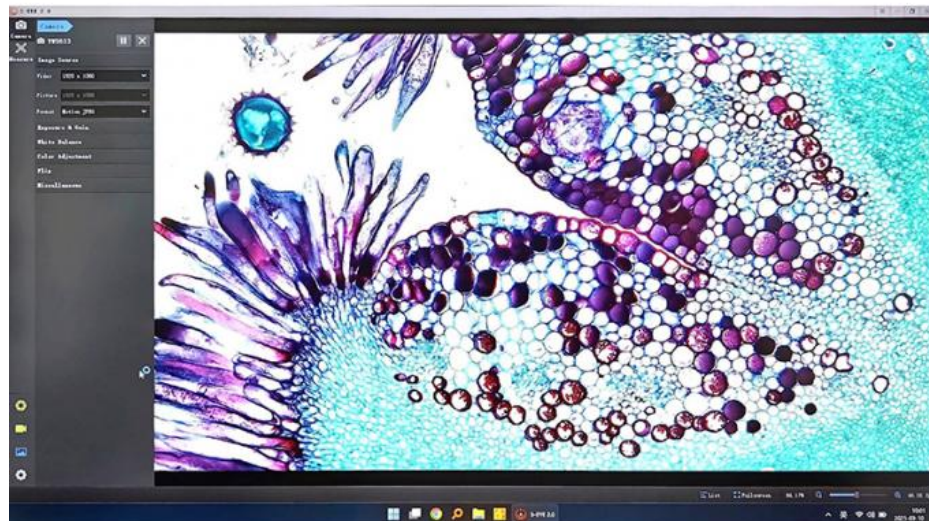


**The A59.3550 Built-in Software S-Eye** enables photo and video capture, storage, calibration, measurement, marking, and analysis. Users can adjust brightness, contrast, exposure, white balance, and more for optimal imaging. Compatible with PC ImageView software, it supports EDF (Extended Depth of Focus) and image stitching for enhanced detail and panoramic views. Additionally, built-in Wi-Fi allows seamless integration into digital interactive classrooms, supporting simultaneous connections for up to 60 microscopes and cameras—ideal for collaborative education and real-time sharing in academic or professional settings.



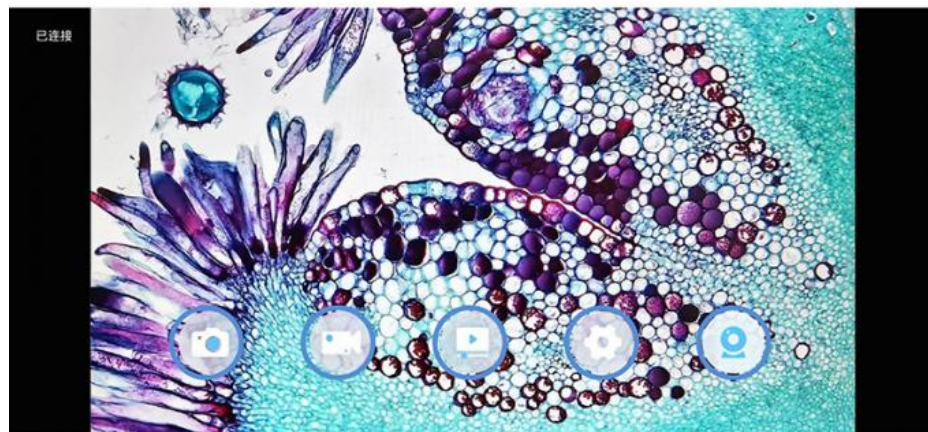
#### USB 3.0 / WIFI6 To PC (Software S-Eye)

Connect camera to computer which has installed S-Eye software, the real time micro image will output to pc, with similar setting and function as built-in S-Eye software, user can work with computer easily.



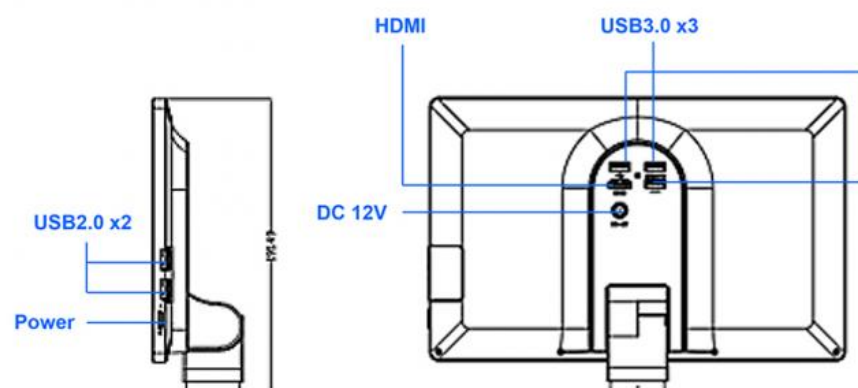
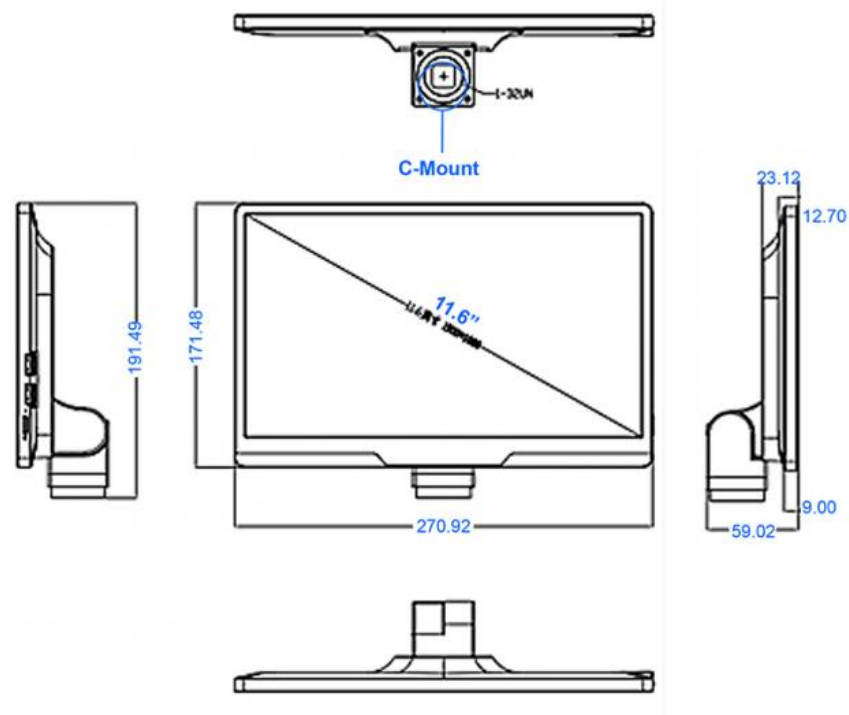
#### WIFI6 To Mobile Phone (S-Eye App)

The mobile device searches for the camera's WIFI signal, Connect the mobile device to the camera's WIFI. Open the S-EYE2.0 APP on your cell phone



## A59.3550 Size(Unit: mm) & System Diagram

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## A59.3550 Specification

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A59.3550 11.6" LCD Digital Camera, 8.0M, HDMI+USB3.0+WIFI	
LCD Screen	11.6" LCD, Resolution 1920x1080p High Clearance Screen, Brightness 220cd/
Camera	8.0M, 4K Digital Camera,
Sensor	1/1.8" IMX334 CMOS Sensor
Resolution	3840*2160 Pixels@60 fps
Pixel Size	2.0x2.0um
CPU	ARM Cortex A55@1.4GHz
Memory	4GB LPDDR4
Digital Zoom	10x
Control	USB Mouse + Keyboard Control For Built-in Software, No Need Computer
Data Interface	USB3.0 x3, USB2.0 x2, HDMI x1, WIFI
Microscope Interface	Standard C-Mount
Output	LCD, Built-in Software S-Eye
	HDMI To Monitor (Built-in Software S-Eye)
	USB 3.0 To PC (Software S-Eye)
	USB 3.0 To USB Disk Stroage
	WIFI6 To PC (Software S-Eye)
Software Function	WIFI6 To Mobile Phone (S-Eye App)
	Photo, Video Capture & Store
	Calibration, All Kinds Measure, Mark, Analysis Function
	Set Brightness, Contrast, Exposure, White Balance etc.
	PC Software ImageView Support EDF & Stitching Function
Language	WIFI Output Support Digital Interactive Classroom Up To 60 Microscope & Cameras
	CN, EN, DE, FR, JP, IT, RU And Support Customized
	Power Supply
	DC 12V/2A Power Adapter, Input 100-240V AC
	Size / Weight
	Product Size 271*171.5*55mm, Net Weight 0.7kg
Packing List	LCD Camera, AC Adapter, USB Cable, HDMI Cable
Package	Packing Box 33.5*25*9cm, 1.2Kgs, 1 set/Box





LCD and PC Sync Output





LCD and HDMI Sync Output



LCD and WiFi to Mobile Phone Sync Output



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