



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

Our Product Introduction

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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: 5.0M 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

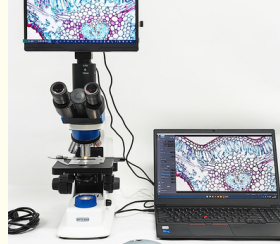
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Product Description

A59.3550 OPTO EDU 11.6" 1080p HD Microscope Camera

High-Performance Digital Imaging Solution

11.6" LCD with 8.0MP digital camera featuring 1/1.8" CMOS sensor

4K resolution at 3840×2160@60fps for crystal-clear imaging

Multiple output options: HDMI, USB3.0, USB2.0 (x2), and WIFI6

Built-in S-Eye software with USB keyboard/mouse measuring support

PC connectivity via USB3.0 supporting S-Eye and ImageView software

WIFI6 capability enables digital interactive classrooms supporting up to 60 microscope cameras



A59.3550 Specification

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Technical Specifications

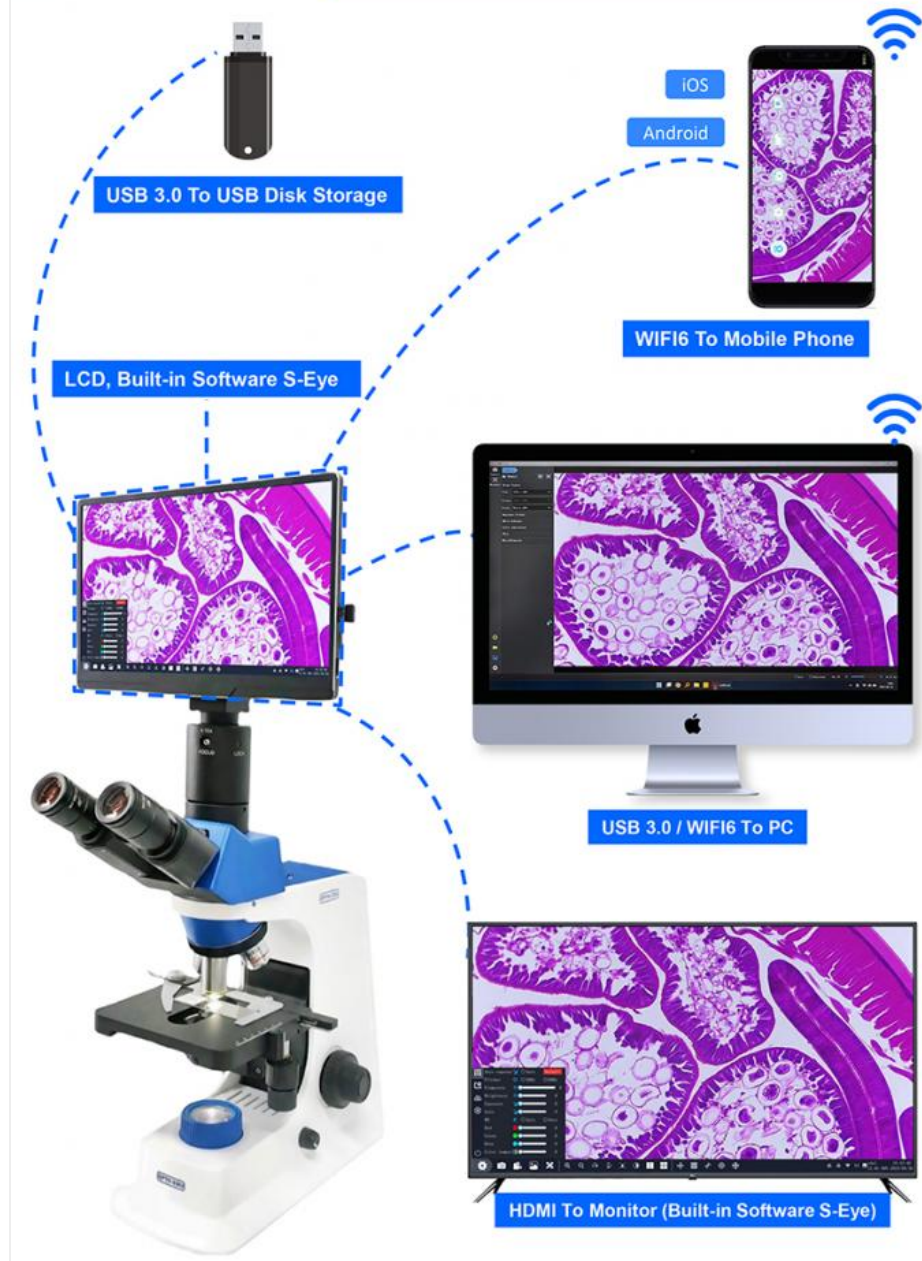
Component	Specification
LCD Screen	11.6" LCD, 1920×1080p resolution, 220cd/ brightness
Camera	8.0MP, 4K digital camera
Sensor	1/1.8" IMX334 CMOS
Resolution	3840×2160 pixels @60fps
Processing	ARM Cortex A55 @1.4GHz, 4GB LPDDR4 memory
Interfaces	USB3.0 (x3), USB2.0 (x2), HDMI, WIFI6, standard C-Mount
Power	DC 12V/2A adapter (100-240V AC input)
Dimensions	271×171.5×55mm, 0.7kg net weight

Comprehensive Output Options

LCD/HDMI to Monitor: Built-in S-Eye software with pop-up menu control. Move mouse to screen bottom to access main menu for full functionality.

A59.3550 Output

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A59.3550 Software & App

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The A59.3550's built-in S-Eye software enables photo/video capture, storage, calibration, measurement, marking, and analysis. Adjust imaging parameters including brightness, contrast, exposure, and white balance. PC ImageView software supports EDF (Extended Depth of Focus) and image stitching. Wi-Fi connectivity facilitates digital interactive classrooms supporting up to 60 simultaneous microscope connections.

PC Connectivity

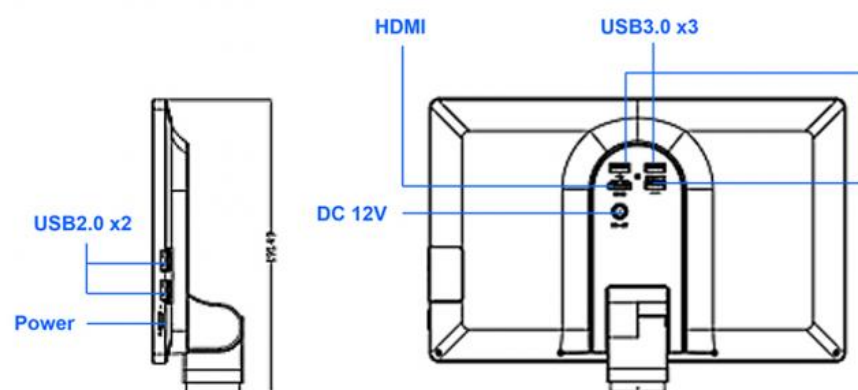
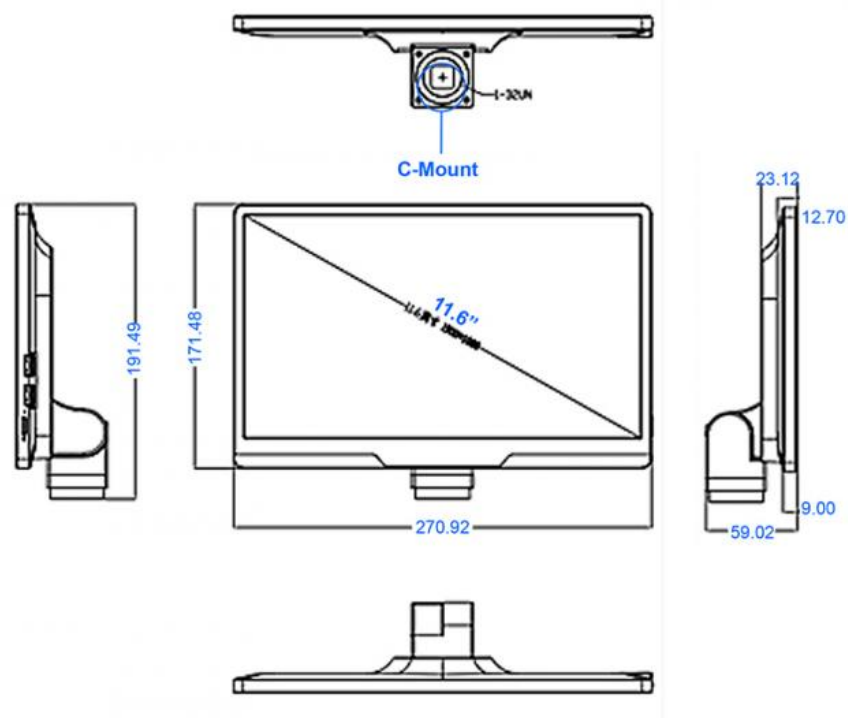
USB 3.0/WIFI6 to PC: Connect to computer with installed S-Eye software for real-time micro image output with full software functionality.

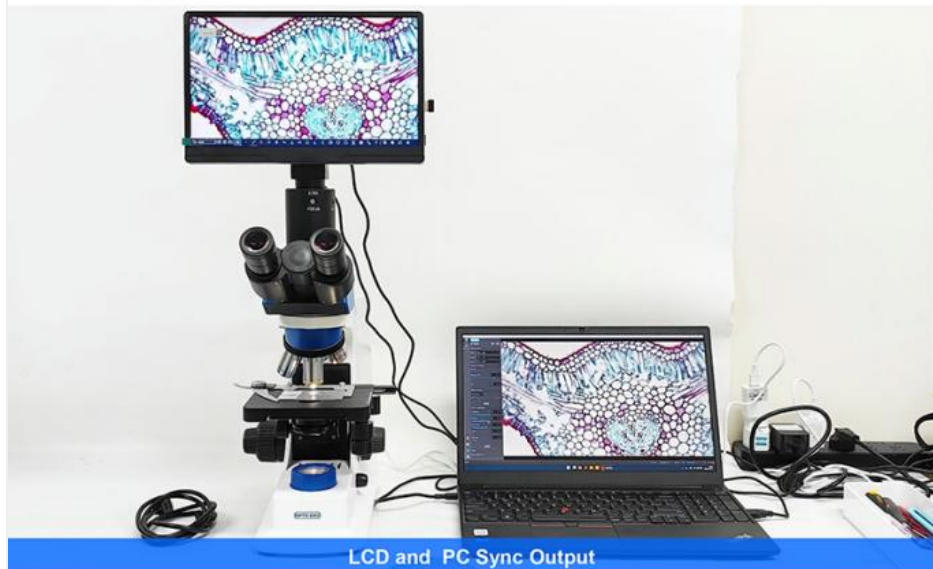


Mobile Device Integration

WiFi6 to Mobile: Connect mobile device to camera's WIFI signal and use S-EYE2.0 app for remote viewing and control.







LCD and PC Sync Output



LCD and HDMI Sync Output



LCD and WiFi to Mobile Phone Sync Output



Opto-Edu (Beijing) Co., Ltd.



0086 13911110627



sale@optoedu.com



cnoec.com

F-1501 Wanda Plaza, No. 18 Shijingshan Road, Beijing 100043, China