



OPTO-EDU A36.3610 8.0M 11.6" LCD Digital Stereo Microscope HDMI USB3.0 WIFI Support WIFI Net

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: CNOEC, OPTO-EDU
- Certification: CE, Rohs
- Model Number: A36.3610
- 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

- Highlight: **digital stereo microscope with HDMI, LCD stereo microscope USB3.0, WIFI stereo microscope 11.6 inch**

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Product Description

OPTO-EDU A36.3610 8.0M 11.6" LCD Digital Stereo Microscope

Advanced digital stereo microscope system with HDMI, USB 3.0, and WIFI connectivity for professional industrial and educational applications.



A36.3610 11.6" LCD Digital Stereo Microscope, 8.0M, HDMI+USB3.0+WIFI, Support WIFI Net



A36.3610 Specification

OPTO-EDU



System Configuration

A36.3610 = A23.3645-B8LT + A59.3550

A23.3645-B8LT Zoom Stereo Microscope Specifications

Optical Head

Trinocular Head, 45° Inclined, 360° Rotatable
Interpupillary Adjustment: 54-75mm
Both Eyepiece Tube $\pm 5^\circ$ Diopter Adjustable
0.5x C-Mount Focus Adjustable
Light Split Fixed P50:E50
Simul Focal Design for simultaneous eyepiece and photo port viewing

Eyepiece

WF10x/20mm, High Eyepoint, Diameter 30mm

Zoom Lens

0.7x~4.5x with 1:6.5 Zoom Ratio

Magnification Range

7x-45x (expandable to 3.5x-270x with optional eyepieces and auxiliary objectives)

Working Distance

100mm standard (expandable to 30-165mm with auxiliary objectives)

Field of View

0.9-57.1mm (detailed specifications in optical data sheet)

Focusing Mechanism

Pole Stand: Coarse focusing range 50mm, tension adjustable
Track Stand: Coarse focusing range 74mm, tension adjustable

A59.3550 11.6" LCD Digital Camera Specifications

Display

11.6" LCD Screen
Resolution: 1920x1080p High Clearance
Brightness: 220cd/

Camera System

8.0M 4K Digital Camera
Sensor: 1/1.8" IMX334 CMOS
Resolution: 3840x2160 Pixels @60 fps Preview
Photo: 16M
Video: 1920x1080p
Pixel Size: 2.0x2.0 μ m

Processing & Memory

CPU: ARM Cortex A55 @1.4GHz
Memory: 4GB LPDDR4
Digital Zoom: 10x

Control Interface

USB Mouse + Keyboard control for built-in software (computer not required)

Data Interfaces

USB 3.0 x3
USB 2.0 x2
HDMI x1
WIFI
Standard C-Mount microscope interface

Output Options

LCD with built-in S-Eye software
HDMI to monitor (S-Eye software)
USB 3.0 to PC (S-Eye software)

USB 3.0 to USB disk storage
WIFI6 to PC (S-Eye software)
WIFI6 to mobile phone (S-Eye App)

Software Features

Photo and video capture & storage
Calibration and measurement functions
Marking and analysis capabilities
Brightness, contrast, exposure, white balance adjustments
PC Software ImageView supports EDF & stitching functions
WIFI output supports digital interactive classroom (up to 60 microscopes & cameras)

Language Support

Chinese, English, German, French, Japanese, Italian, Russian (custom languages available)

Power Supply

DC 12V/2A Power Adapter, Input 100-240V AC

Physical Specifications

Product Size: 271×171.5×55mm
Net Weight: 0.7kg

Package Contents

LCD Camera
AC Adapter
USB Cable
HDMI Cable

Packaging

Packing Box: 33.5×25×9cm, 1.2kg, 1 set per box



Eyepiece WF10X/20mm, High Eyepoint, Eyepiece Tube Diopter Adjustable



0.7x-4.5x, Magnification Up To 3.5x-180x With Optional Eyepieces And Auxiliary Objectives



A1 Holder



B8L Pole Stand



B8LA1 Stand

A59.3550 Output

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A36.3610 Series Optional Accessories

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Optional Accessories for A23.3645 & A23.3645N

Component	Description	Catalog No.
Head	Binocular Head + WF10x/20mm	A53.3645-B
Head	Trinocular Head + WF10x/20mm	A53.3645-T
Eyepiece	WF10x/20mm, High Eyepoint, Dia.30mm	A51.3621-1020
Eyepiece	WF15x/15mm, High Eyepoint, Dia.30mm	A51.3621-1515
Eyepiece	WF20x/10mm, High Eyepoint, Dia.30mm	A51.3621-2010
Eyepiece	WF25x/9mm, High Eyepoint, Dia.30mm	A51.3621-2509
Eyepiece	WF30x/8mm, High Eyepoint, Dia.30mm, Diopter Adjustable	A51.3622-3008
Auxiliary Lens	0.5x, W.D. 165mm	A52.3621-05

Component	Description	Catalog No.
Auxiliary Lens	1.5x, W.D. 45mm	A52.3621-15
Auxiliary Lens	2.0x, W.D. 30mm	A52.3621-20
CCD Adapter	Eyepiece Adapter Focus Adjustable	A55.3623-E
CCD Adapter	1.0x, Focus Adjustable	A55.3623-10
CCD Adapter	0.50x, Focus Adjustable, For 1/2"CCD	A55.3623-05
CCD Adapter	0.35x, Focus Adjustable, For 1/3"CCD	A55.3623-35



A51.3621-1020
Eyepiece WF10x/20mm



A51.3621-1515
Eyepiece WF15x/15mm



A51.3621-2010
Eyepiece WF20x/10mm



A51.3622-3008
Eyepiece WF30x/8mm(Diopter Adjustable)



A51.3621-2509
Eyepiece WF25x/9mm



A55.3623-E
Eyepiece Adapter



A55.3623-10
1.0x



A55.3623-05
0.50x, For 1/2"CCD



A55.3623-35
0.35x, For 1/3"CCD



A52.3621-05
0.5x, W.D. 165mm



A52.3621-15
1.5x, W.D. 45mm



A52.3621-20
2.0x, W.D. 30mm



A56.2103-A
LED Ring Light, 56 LEDs



A56.1211-B
LED Ring Light

A36.3610 Zoom Stereo Microscope Optical Data Sheet

Eyepiece	Auxiliary Lens	Working Distance	Magnification	View Field (mm)
	0.5x	165mm	3.5x-22.5x	57.1-8.9
	1.0x (Standard)	100mm	7.0x-45x	28.6-4.4

Eye Piece	Auxiliary Lens	Working Distance	Magnification	View Field (mm)
WF10x/20mm	1.5x	45mm	10.5x-67.5x	19.0-3.2
	2.0x	30mm	14x-90x	14.3-2.2
WF15x/15mm	0.5x	165mm	5.25x-33.75x	42.8-6.7
	1.0x (Standard)	100mm	10.5x-67.5x	21.1-3.3
	1.5x	45mm	15.75x-101.25x	14.3-2.2
	2.0x	30mm	21x-135x	10.7-1.7
WF20x/10mm	0.5x	165mm	7.0x-45x	28.6-4.4
	1.0x (Standard)	100mm	14.0x-90x	14.3-2.2
	1.5x	45mm	21.0x-135x	9.5-1.5
	2.0x	30mm	28x-180x	7.1-1.1
WF25x/9mm	0.5x	165mm	8.85x-56.3x	25.4-4.0
	1.0x (Standard)	100mm	17.5x-112.5x	12.9-2.0
	1.5x	45mm	26.2x-168.8x	8.6-1.3
	2.0x	30mm	35x-225x	6.4-1.0
WF30x/8mm	0.5x	165mm	10.5x-67.5x	22.9-3.6
	1.0x (Standard)	100mm	21x-135x	11.4-1.8
	1.5x	45mm	31.5x-202.5x	7.6-1.2
	2.0x	30mm	42x-270x	5.7-0.9

Zoom Lens: 0.7x~4.5x

A56.2418
LED Polarizing Ring Light, 78 LEDs, 7W



A56.2418 Including 78 LEDs Ring Light, Analyzer, Polarizer 360° Rotatable



A23.2603 / 04 / 05+A56.2418



A23.36 Series /A23.1501 +A56.2418



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