



# A18.1828-LCD

## Forensic Comparison Microscope

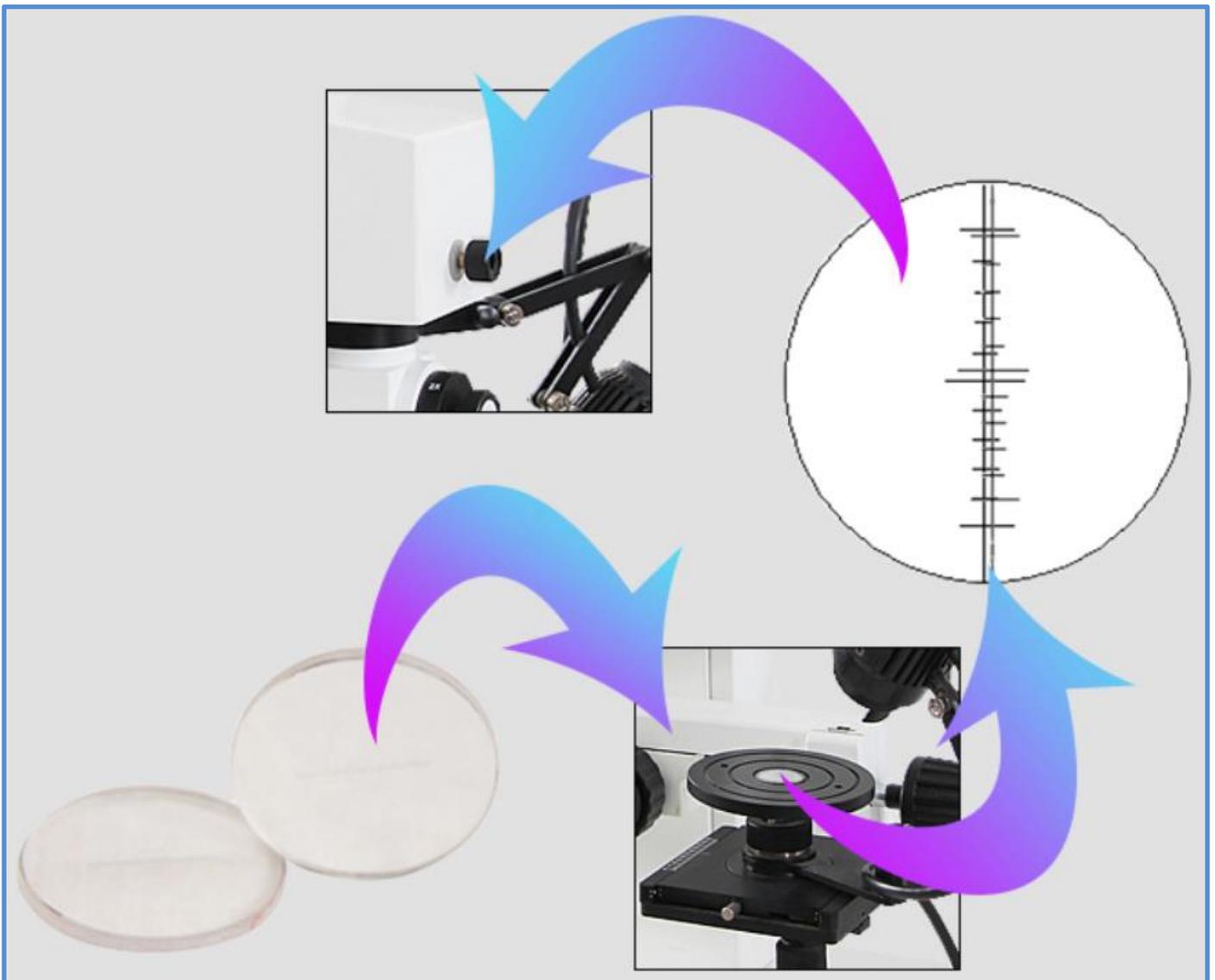


## Product Details



### Large Binocular Head

both eyepiece tube diopter  $\pm 5$  adjustable, with WF 10X/22mm eyepiece high eyepoint



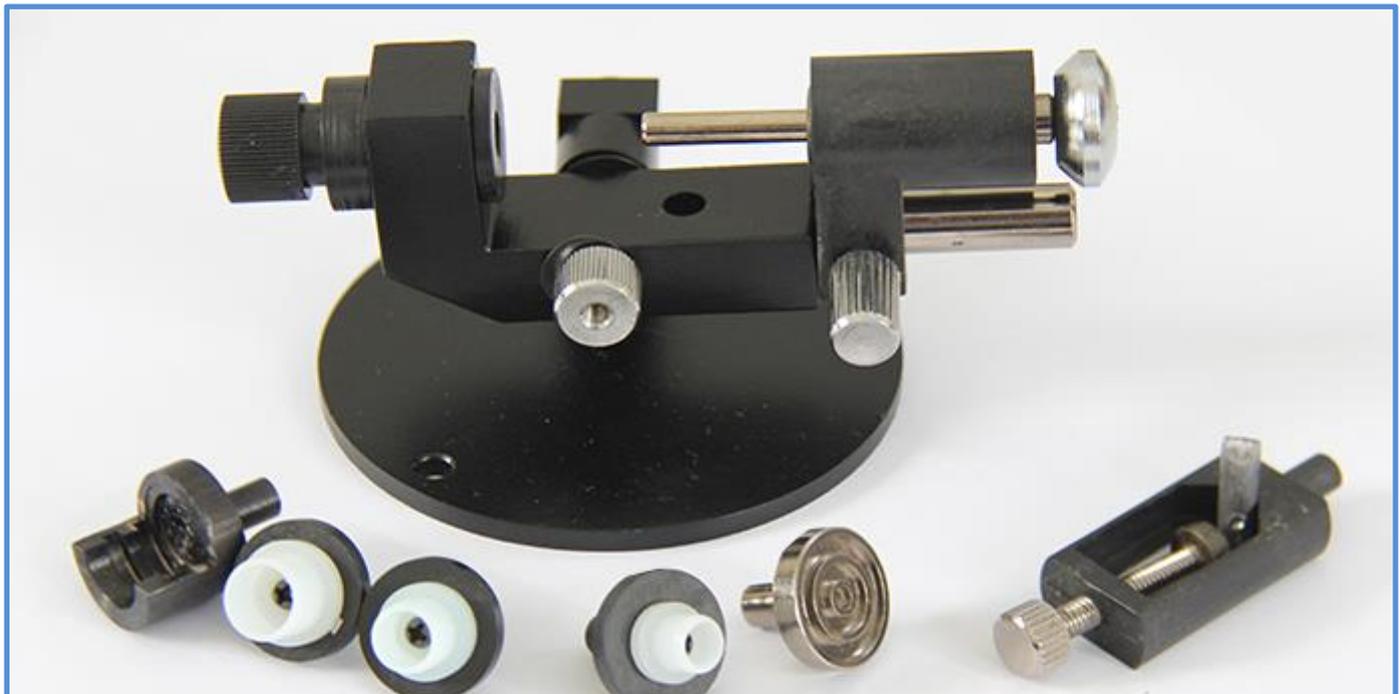
### Magnification Correction System, with correcting lens

**LED 5W Light Source**



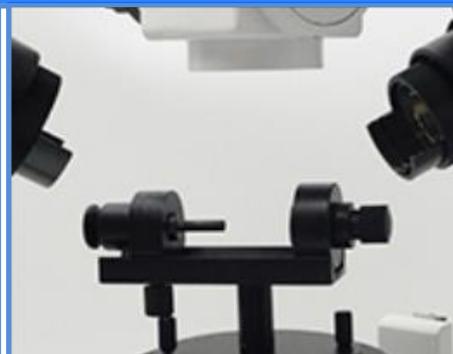
**Halogen 12V50W Fan Cooling Light Source**

**Flexible Holder** for easy positioning



**Bullet Holder Set**

To hold & view all kinds of cartridge, bullet, other objects in different angle and position freely. Each Microscope Include 2 sets.

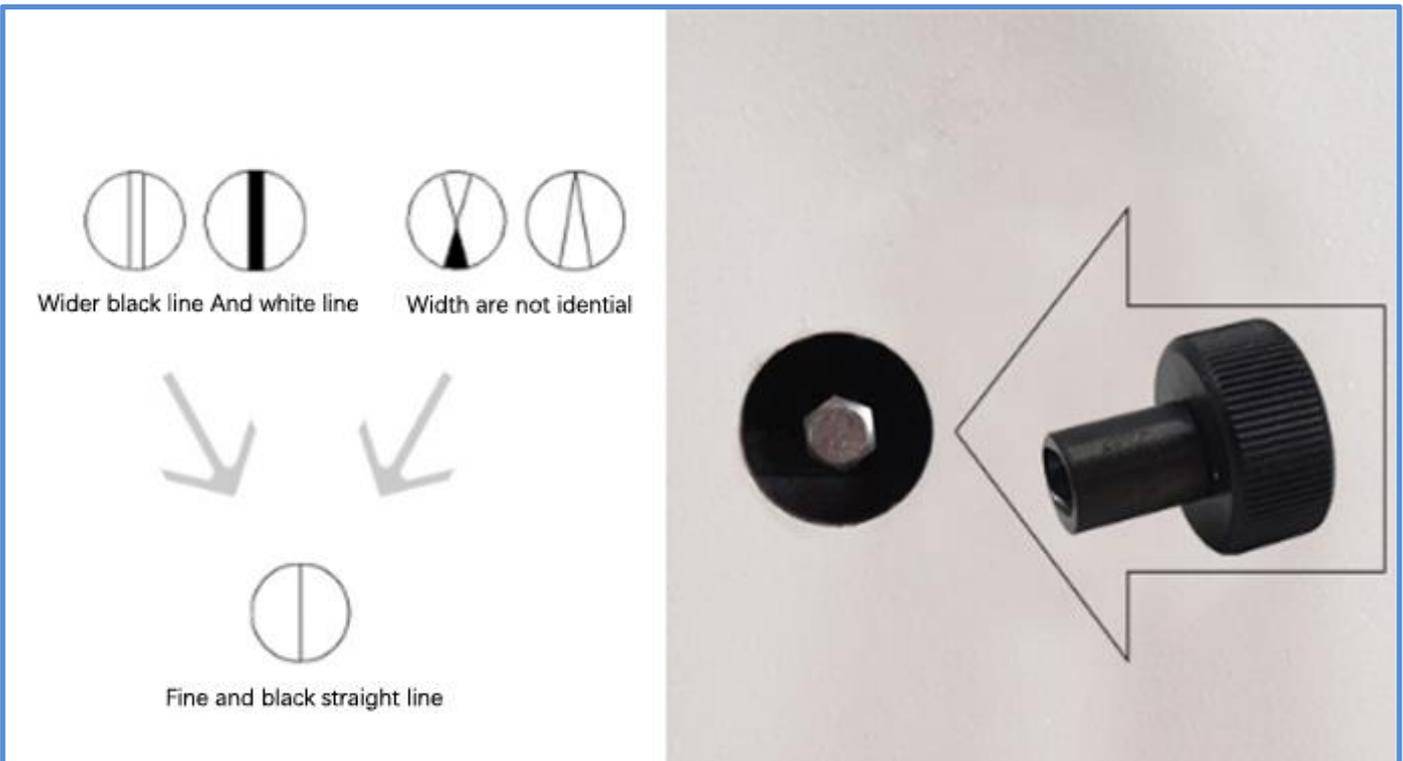




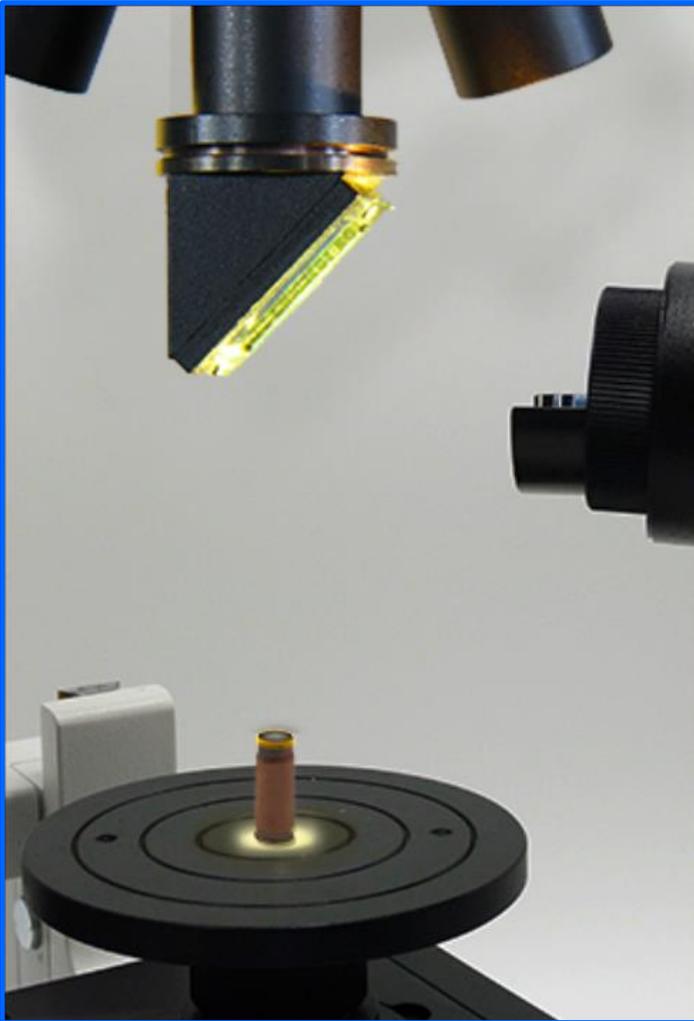
**Front View Photo Adapter** for digital camera Niko & Olympus; 0.5x CCD adapter for digital camera



**Ultraviolet Light Len & Filters**



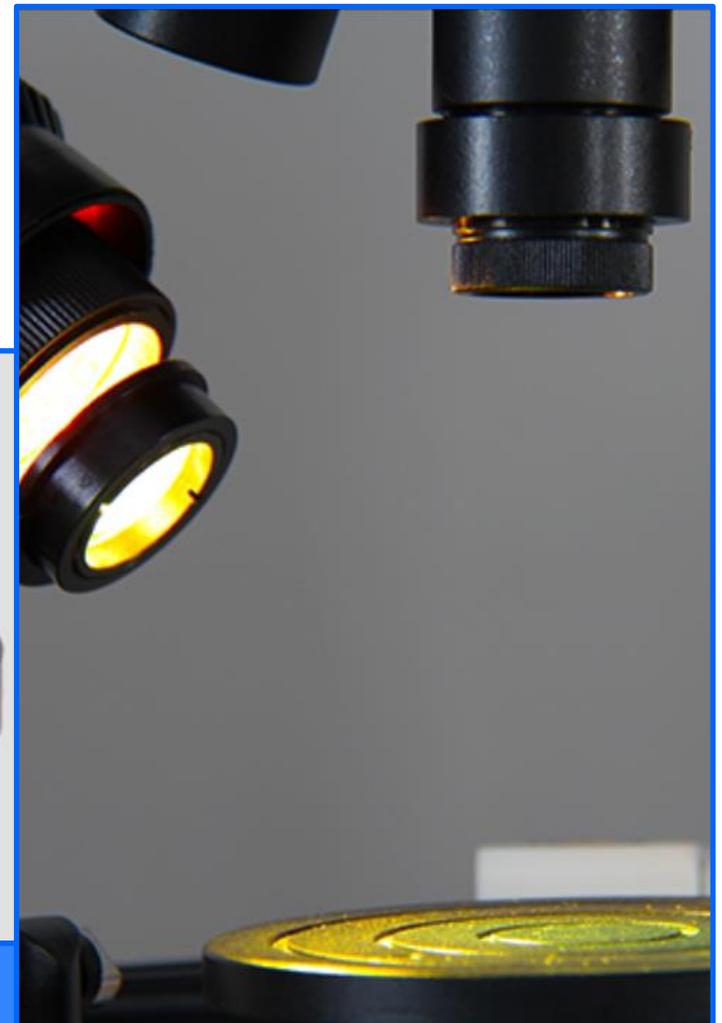
**Separation Line Adjust System in Black**, with special designed adjust driver



**Coaxial Light Attachment**  
to get vertical light path for watching inside deep hole bottom



**Polarizing Light Lens Set**  
To eliminate flare lights and dazzling lights





Accessories Packed in Strong Aluminum Box



Long Working Distance Infinity Plan Objectives: 0.5x, 1x, 1.5x, 2x, 4x, 6x



Eyepiece WF 10x/22mm and WF 20x/12mm, high eyepoint, each 2 pcs included



Auxiliary Lens 0.4x and 2x, each 2 pcs included

## Aluminum Box Package



# A59.3520 VS A59.3521 Upgrade 2022!

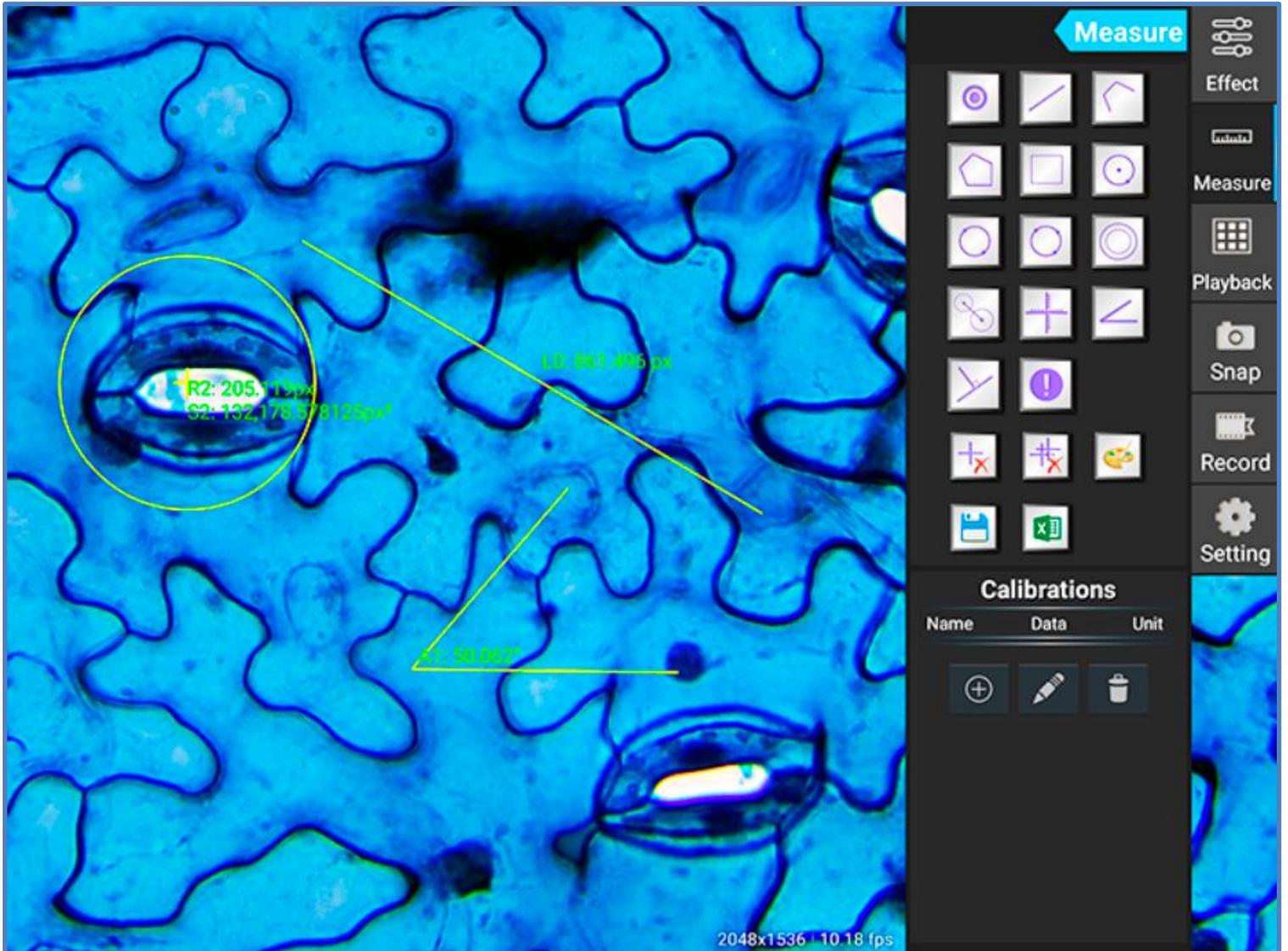
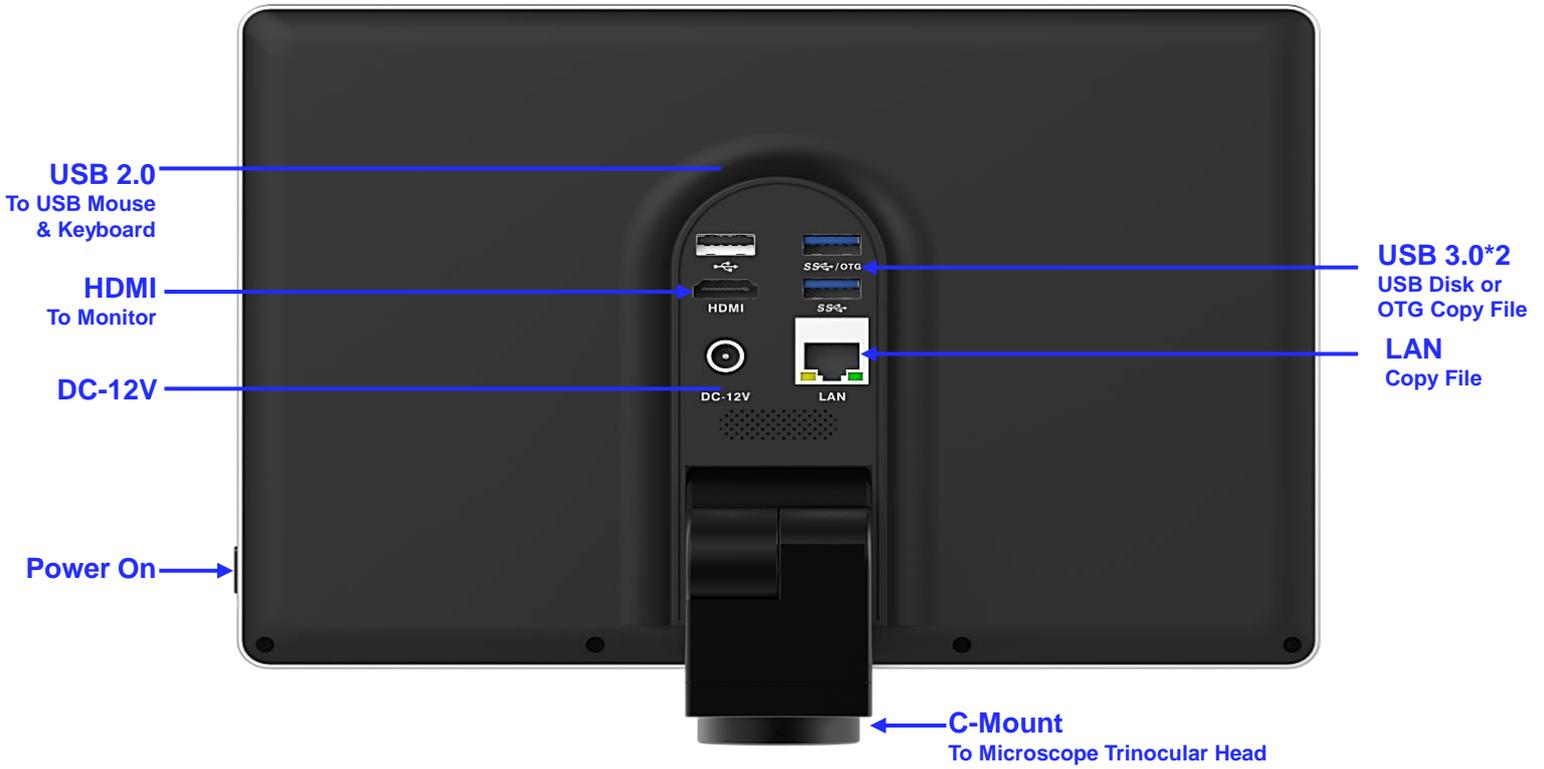


Opto-Edu has upgraded A18.1828-LCD's LCD from A59.3520 to A59.3521 in 2024, with **Bigger** LCD, **Higher** resolution, **Better** software at **SAME** price! Welcome to try the brand new design!

	A59.3520	A59.3521 Upgrade 2022!
LCD	9.7" HD IPS Touch Screen With Backlight	10.5" HD IPS Touch Screen With Backlight
Camera	5.0M Digital Camera	8.0M 4K Digital Camera
Sensor	1/2.5" CMOS	1/1.8" CMOS
Resolution	2048x1536 @15FPS	3840*2158 @30FPS
Pixel	2.2umx2.2um	2.0umx2.0um
Memory	2GB DDR3 / 8GB EMMC	2GB LPDDR4 / 16GB EMMC
Digital Zoom	-	16x
Data Output	USB2.0*1, For USB Mouse + Keyboard Control USB2.0*1, For USB Disk Mini HDMI*1 Sync Output to Monitor - TF Card, Support Max 32G Headphone 3.5mm	USB2.0*1, For USB Mouse + Keyboard Control USB3.0*2, For USB Disk, Support Max 128G HDMI*1 Sync Output to Monitor LAN*1 - -
Image Format	.jpg	.jpg
Video Format	1080p	1080p
System	Android 5.1 System 90 Languages Exposure Control Auto/Manual White Balance Auto/Manual Support WIFI Support Bluetooth	Android 11 System 90 Languages Exposure Control Auto/Manual White Balance Auto/Manual Support WIFI Support Bluetooth
Software Function	S-Eye Software & Instruction Manual Installed, All Kinds Mark, Measure, Analysis Function	S-Eye Software & Instruction Manual Installed, All Kinds Mark, Measure, Analysis Function <a href="#">Direct Enter Microscope View</a>
Size	Pad 238x182x12mm, Camera 40x39mm	Pad 237x169x10.5mm, Camera 40x39mm
Power	DC 12V/2A Power Adaptor, AC 100~240V	
Package	Packing Box 10x24x29cm, 0.6Kg, 1 set/Box, including: LCD Camera, AC Adapter	



# 10.5" LCD Digital Camera



# Product Specification

Mag./Viewfield Objective	Eyepiece10X	Eyepiece20X	Photo Adapter	Video Adapter	Working Distance
1X	10X/φ21	20X/φ12	1.8X	0.5X	101mm
1.5X	15X/φ15	30X/φ8	2.7X		
2X	20X/φ11	40X/φ6	4X		
4X	40X/φ6	80X/φ3	7X		
6X	60X/φ3.9	120X/φ2	11X		
0.5X	5X/φ60	10X/φ24	0.9X		143mm

## A18.1828-LCD Forensic Comparison Microscope Specification

LCD Pad	10.5" LCD Pad Digital Camera, Android System, 8.0 M Pixels, Full Resolution 4k USB3.0*2, USB2.0*1, HDMI, Gigabit LAN Port Details see A59.3521
Magnification	2x~240x
Head	Bionocular Head, 30° Incline, Interpupillary Distance 48~75mm, Diopter +/-5 Adjustable
Eyepiece	WF10x/22mm, High Eyepoint
	WF20x/12mm, High Eyepoint
Nosepiece	6 Hole Click Stop Nosepiece
Objective	LWD Infinity Plan Achromatic Objective 0.5x, 1x, 1.5x, 2x, 4x,6x
	Auxiliary Lens 0.4x, 2.0x
Working Distance	101mm
View Field	Dia. 2.3~62mm
Magnification Correcting	Magnification Correction System, With Correcting Lens
Separation Line Adjusting	Separation Line Adjust System In Back, With Special Designed Adjust Driver
Working Stage	Square Manual Working Stage 90*90mm, Moving Range 54*54*54mm
	Round Titable Working Stage Dia. 90mm, 0-45° Inclined, 360° Rotatable
	Joint Left/Right Moving Range 54mm, Joint Up/Down Range 60mm
Light Source	12V50W Fan Cooling Strong Halogen Light, Brightness Adjustable, 2pcs
	5W LED Cold Light, High Brightness, Brightness Adjustable, 2pcs
	Coaxial Light Lens, To Observe In Deep Hole, Or Smooth Object Surface, 2pcs
	Polarizing Light Lens, To Eliminate Flare Lights And Dazzling Lights, 2pcs
	Ultraviolet Light Lens, 2pcs
Adapter	Filters: Red, Blue, Yellow, Green, 2pcs Each Color
	0.5x CCD Adapter For Digital Camera,1pc Front View Photo Adapter 2.5X For SLR Digital Camera (Nikon And Canon)
CCD Camera	Built-in 3.0M High Resolution Color CCD Camera,USB 2.0 Output,2048*1536 Pixels,Pixel Size 3.2*3.2μm
Power	80~240V Wide Range Voltage
Bullet Holder	Standard Bullet Holder 2 Sets,Bullet Holder Set for all kinds of Bullet, Cartridge and other Objects
Dimension	Instrument Size 43*34*65cm

### Optional Accessories

Light Source	150W Cold Light Source, With Optical Fiber & Light Collector	A56.1821
Software	Professional Forensic Image Analysis Software	A30.1821
Bullet Holder	Motorized Bullet Holder 1 Set, Used With Software	A54.1813

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MICROSCOPE IS OUR FOCUS

# The Key To Micro World

Opto-Edu is one of the most professional supplier for microscope & educational instruments from China. We have been focusing in this field for more than 25 years, has a professional sales team who can assist our customer to find the BEST SELECTED microscope with competitive price and 3 YEARS Warranty.

25+ Year professional experience we know Microscopes the best!  
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750+ Customer from all over the world & keep rising every day  
1500+ Microscope products create your one-stop purchase platform  
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MICRO  
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