



A18.1825-LCD

Digital Forensic Comparison Microscope



Product Details



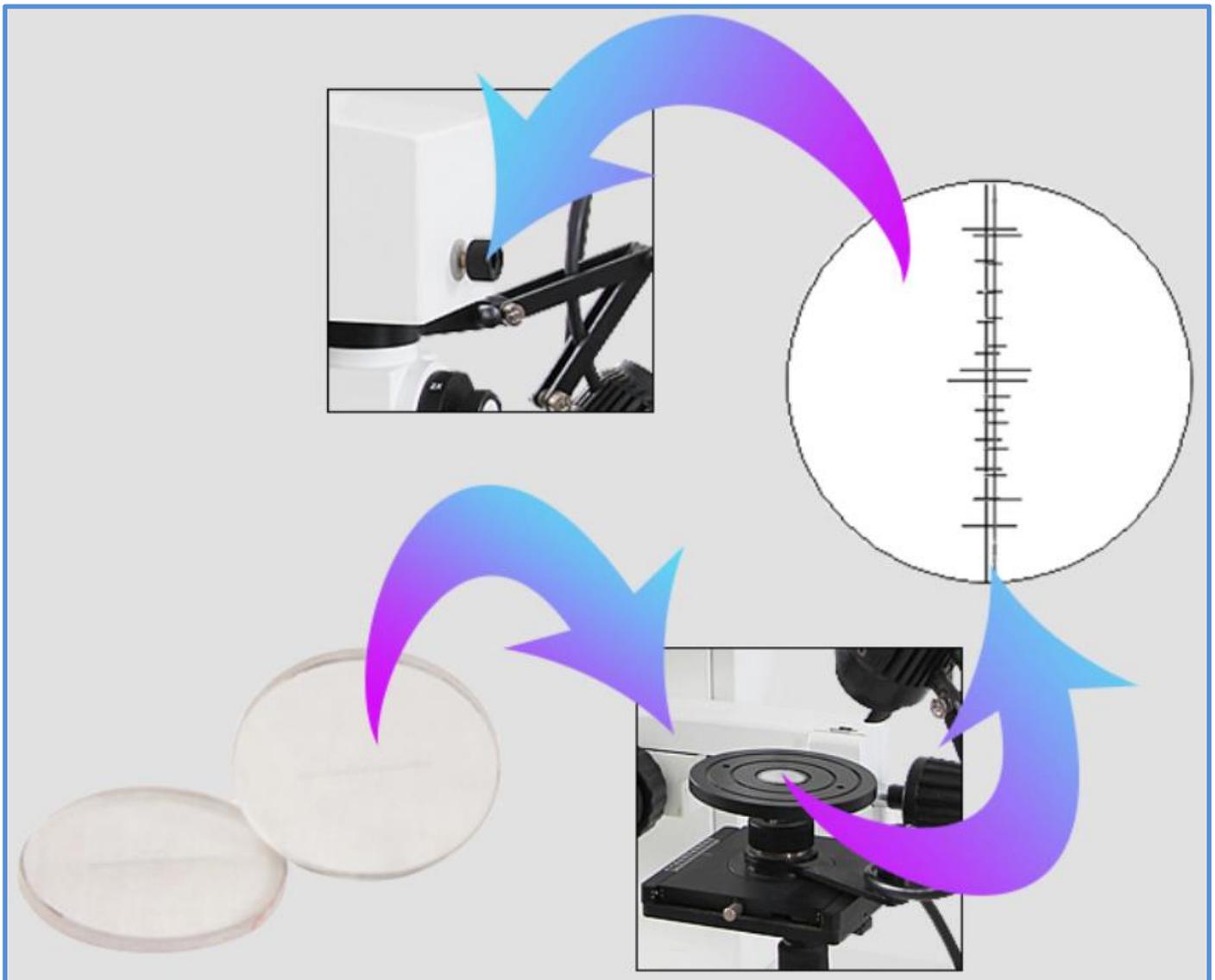
Large Binocular Head

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



Magnification Switch

5 step zoom plan objective: 0.8x, 1.25x, 2x, 3.2x, 4.8x



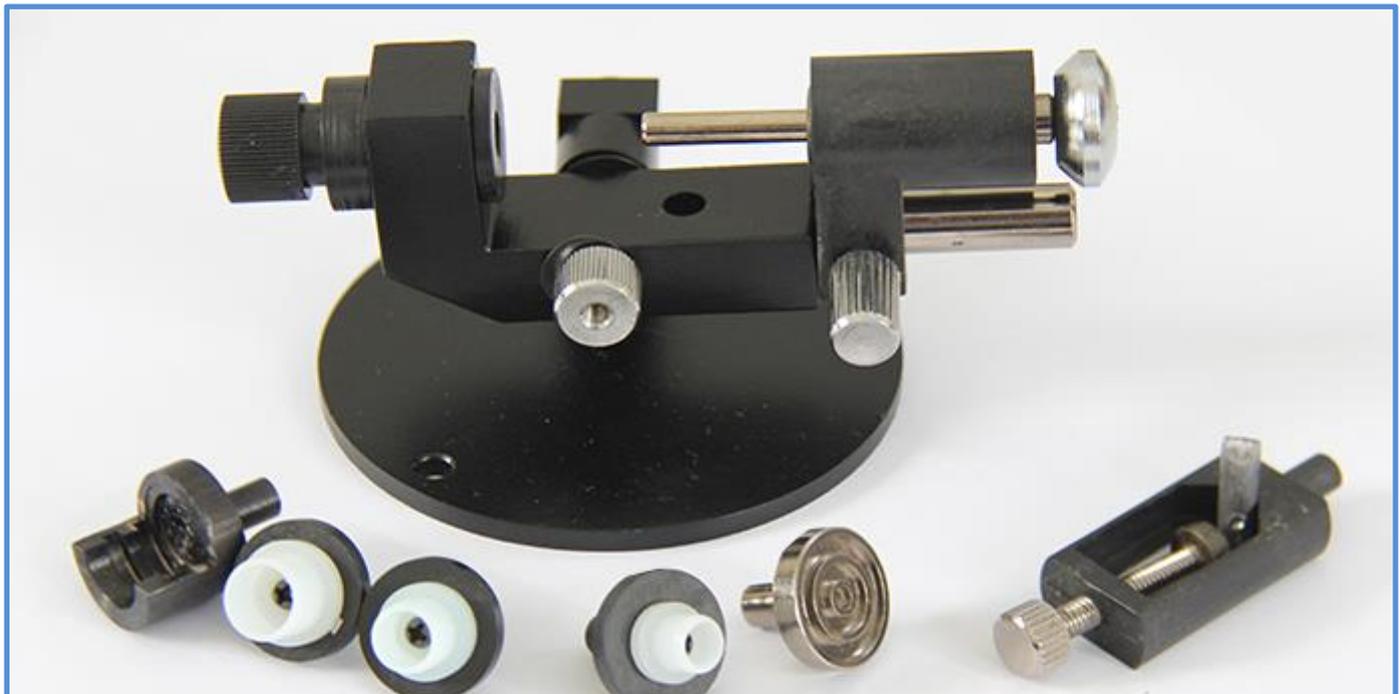
Magnification Correction System, with correcting lens

LED 5W Light Source



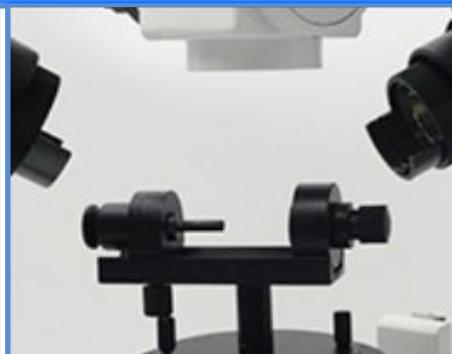
Halogen 12V50W Fan Cooling Light Source

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.

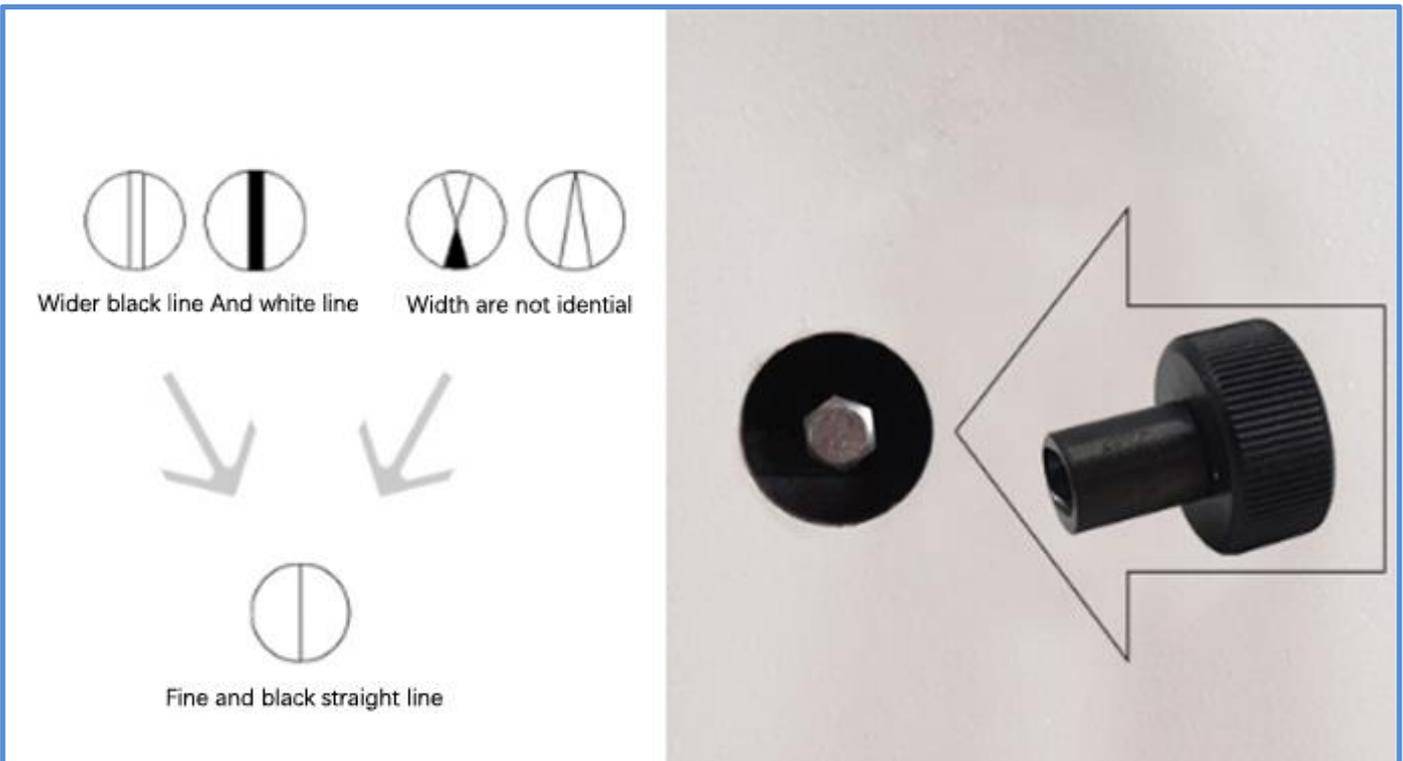




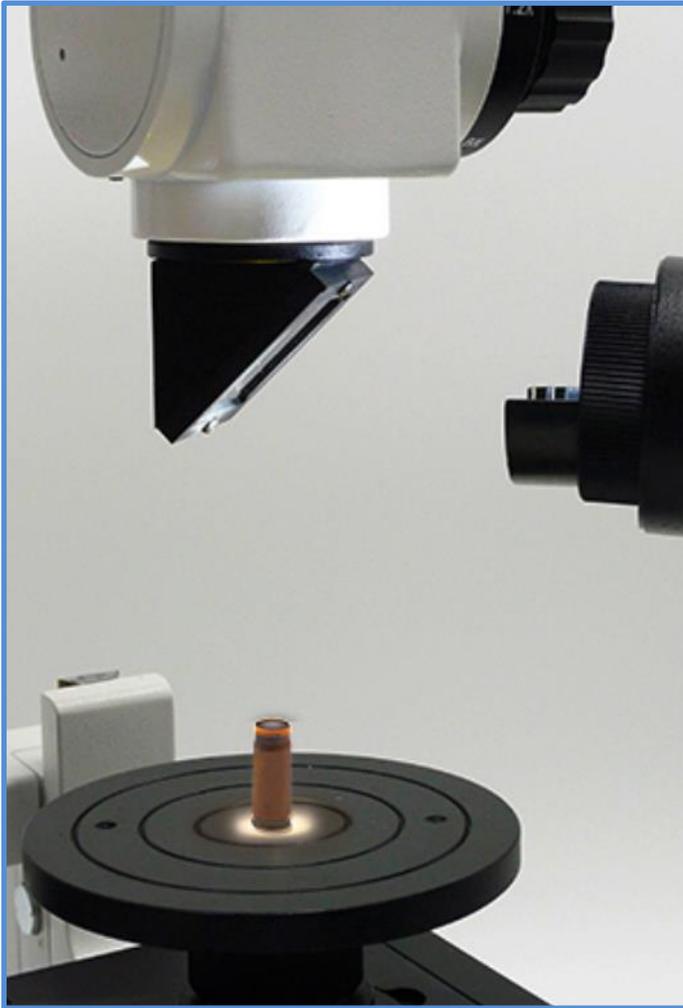
Front View Photo Adapter for digital camera Niko & Olympus; 0.5x CCD adapter for digital camera



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

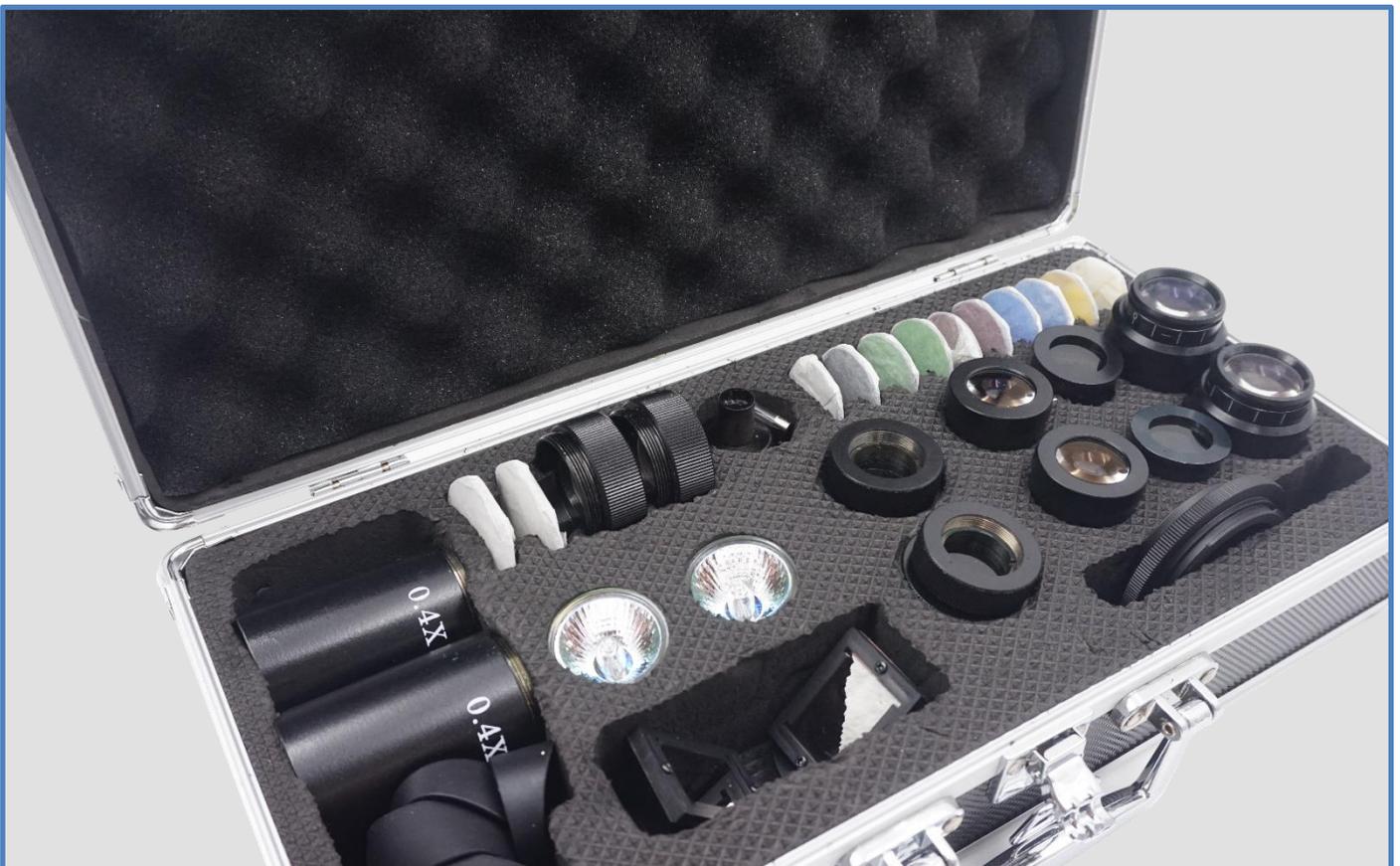




Eyepiece WF 10x/22mm and WF 20x/12mm, high eyepoint, each 2 pcs included



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



Accessories Packed in Strong Aluminum Box

A59.3520 VS A59.3521 Upgrade 2022!

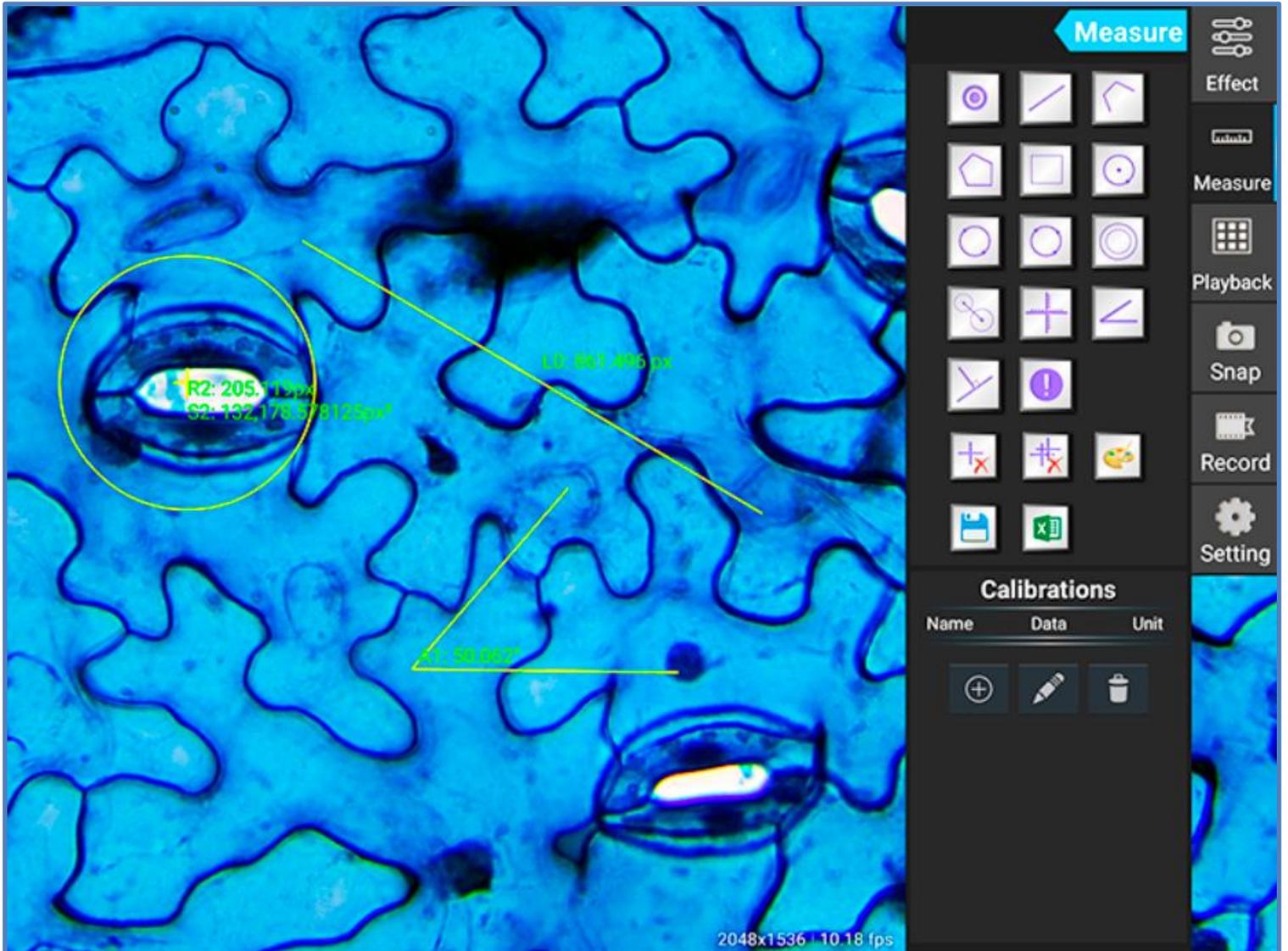
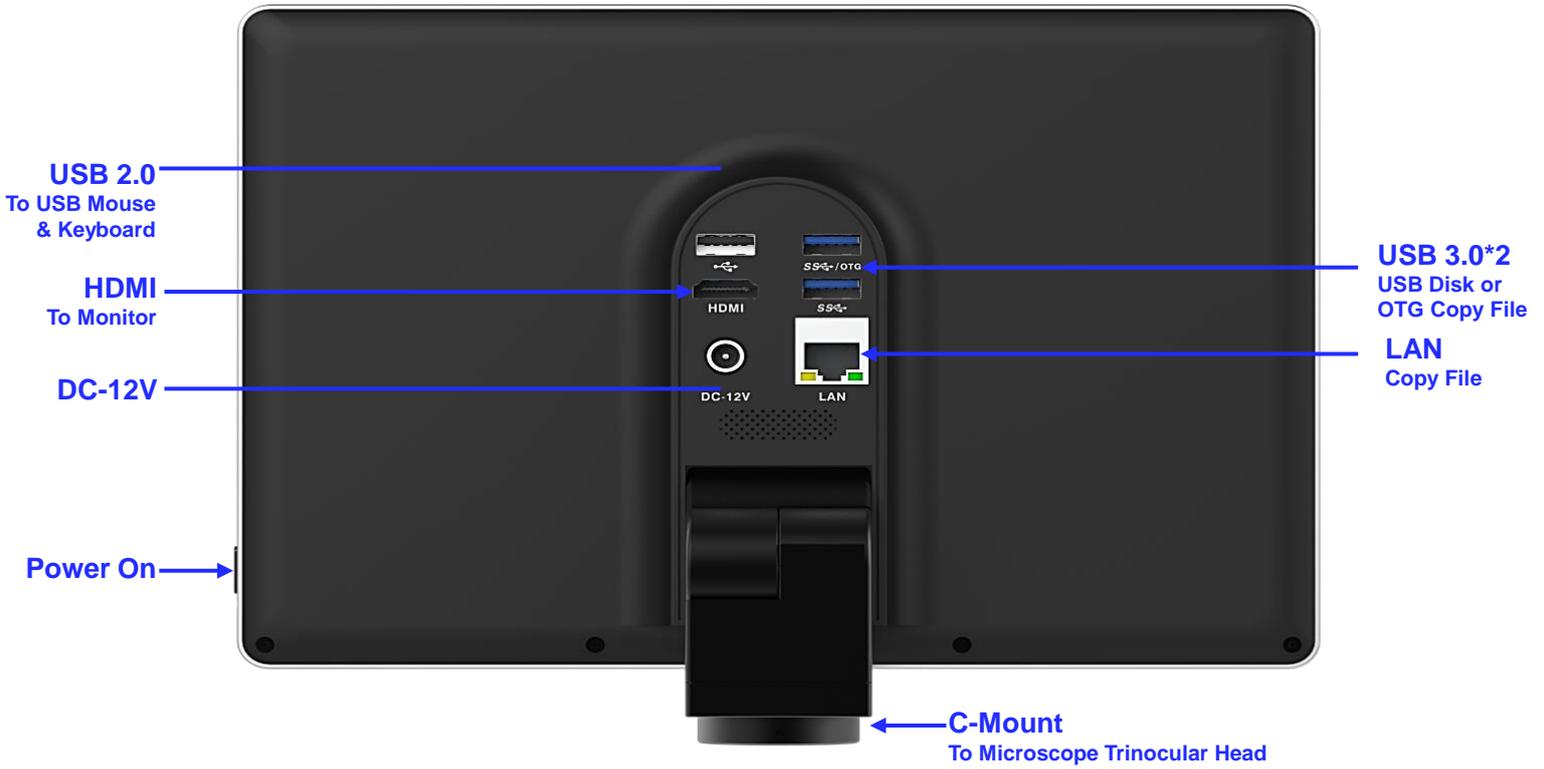


Opto-Edu has upgraded A18.1825-LCD's LCD from A59.3520 to A59.3521 in 2024, with **Bigger** LCD, **Higher** resolution, **Better** software at **SAME** price! Welcome to try the brand new design!

	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 Direct Enter Microscope View
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



Aluminum Box Package



Product Specification

Mag./Viewfield		Eyepiece10X	Eyepiece20X	Photo Adapter	Video Adapter	Working Distance
Objective	Bridge Body					
0.8X	1.2X	9.6X/φ28	19.2X/φ17	2.5X	0.5X	101mm
1.25X		15X/φ18	19.2X/φ17			
2X		24X/φ11	48X/φ7			
3.2X		36X/φ7	77X/φ4.5			
4.8X		58X/φ4.2	115X/φ2.3			

Total Magnification with 0.8x objective, auxiliary lens 0.4x, WF10x eyepiece, magnification = $0.8 \times 0.4 \times 10 \times 1.2 = 3.8x$

Product Specification

A18.1825-LCD Digital Forensic Comparison Microscope Specification

LCD Pad Digital Camera	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	3.8x~230x	
Head	Binocular Head, 30° Incline, Interpupillary Distance 48~75mm, Diopter +/-5 Adjustable	
Eyepiece	WF10x/22mm, High Eyepoint	
	WF20x/12mm, High Eyepoint	
Objective	5 Step Zoom Plan Objective 0.8x, 1.25x, 2x, 3.2x, 4.8x	
	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 Tiltable 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	
	Filters: Red, Blue, Yellow, Green, 2pcs Each Color	
Adapter	0.5x CCD Adapter For Digital Camera	
	Front View Photo Adapter 2.5X For SLR Digital Camera (Nikon And Canon)	
Power	80~240V Wide Range Voltage	
Bullet Holder	Standard Bullet Holder 2 Sets	
Dimension	Instrument Size 37*30*63cm	
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

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!
150+ Microscope & accessory manufacturers supply all models from China
200+ Hot sale microscopes & Newest Models Updated Every Month
750+ Customer from all over the world & keep rising every day
1500+ Microscope products create your one-stop purchase platform
3000+ Educational Instruments For School, College And University Teaching
The Most Professional Microscope Manufacturer in China!



MICRO
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