



LED OPTO-EDU A18.4902 Digital Comparison Microscope 3840 X 2160 Maximum Resolution

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: CNOEC, OPTO-EDU
- Certification: CE, Rohs
- Model Number: A18.4902
- 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



Product Specification

- Applications: Student|school|Laboratory|Research
- Certification: CE|Rohs
- Image Sensor: SONY IMX274 COMS Sensor
- Illumination: LED
- Maximum Resolution: 3840 X 2160 (8,294,400 Pixels)
- Theory: Comparison Microscope
- Highlight: **bullet comparison microscope, binocular optical microscope**



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More Images



Product Description

LED OPTO-EDU A18.4902 Digital Comparison Microscope 3840 X 2160 Maximum Resolution

A18.4902 Digital Forensic Comparison Microscope Specification	
Hardware configuration	
Image Sensor	SONY IMX274 COMS Sensor
Expose Mode	Rolling Shutter .
Maximum Resolution	3840 x 2160 (8,294,400 pixels)
Sensor Optical Format	1/2.5"
Pixel Size	1.62μm x 1.62μm
Dynamic Range	>80dB
SNRmax	≥50dB
Spectral Characteristics	380-650nm
Exposure Capability	Real-time Auto, Single Auto, Manual Adjustment
White Balance	Real-time Auto, Single Auto, Manual Adjust R G B Separately
Record Format	Snapshot Picture Format: JPG Resolution: 3840x2160 Record Video Format: MOV Resolution: 3840X2160@25FPS,2592X1944@25FPS,2048x1536@25FPS
Optical Parameters	
Optical Magnification Of Lines	0.83x~10x
Optical Resolution Of Lines(um)	5um
Working Distance(mm)	72mm
Observation Range(mm)	0.65x0.36~8.2x4.6mm
Comprehensive Magnification	Full Screen Display On A 21-inch 16:9 Minitor:57x~715x
	Full Screen Display On A 17-inch 16:9 Minitor:46x~578x
Working Stage	Square Manual Working Stage 120*120*43mm, Moving Range 55*55*55mm
	Joint Left/Right Moving Range 80mm, Joint Up/Down Range 150mm
	Clamp Working Stage Dia.100mm, 360° Rotatable
	Round Titable Working Stage Moving Range 0-14.5mm, 45°-90° Inclined, 360° Rotatable

PRODUCT DISPLAY

A18.4902



○ Dual 8.0M High Resolution Digital Camera To Preview & Snapshot Image



○ Manual Control Microscope Body Joint Or Separate Up/Down



○ High Quality Optical Zoom Microscope 0.83x~10x



○ Dual Coaxial LED Diffuse & External Light Supply Super Wide Dynamic & Super Low Intensity Illumination



○ 7 Colors LED Light On Universal Joint Arm
To Supply Full Range Illumination



○ All Ports & Indicator Built-in Main Body: CAM, 5V1A OUT, PC, MODE, PWR, ON/OFF



○ High Precision Double Layer Square & Round Working Stage
Manual Control X/Y/Z/R Free Movement



○ Multipule Workbench To Hold All Kinds Objective Easily



○ Smart Workbench With Universal Shaft For $XY/Z/R$ Axis Fine Tuning



○ Bullet Holder Set To Hold & View All Kinds Of Cartridge, Bullet, Other Objects In Different Angle And Position Freely. Each Microscope Include 2 Sets



○ Extra-hard Wear-resistant Aluminum Alloy Housing
& To Bind A Line With A Protective Shell

Multiple Windows
To Preview
Dynamic And
Static Images

Pixels Comparison
Output Comparison
Results Automatically



Dedicated
Measurement
Software







Overlap, Cut,
Full Field Of View,
Transparency Settings

○ Professional Forensic Crime Image Analysis Software

OPTO-EDU

Digital Comparison Microscope

A18.4902

-  Optical Magnification Of Lines 0.83x~10x
-  Dual Lens 8.0MP+8.0MP Preview And Snapshot
-  7 Colors Illuminations To Display More Details
-  X/Y/Z/R Axis Fine Tuning Workbench
-  Extra-hard Wear-resistant Aluminum Alloy Housing
-  Dedicated Measurement Software




PRODUCT DESCRIPTION

Ring LEDs(Coaxial & Diffuse LED) Parameters	
Power	<3W
Input Voltage	DC 5V
Dimming Method	0-100% Linear Adjustment
Centric Brightness	Coaxial: ≥12000LX (Height 100mm)
	Diffuse Reflection: ≥42000LX (Height 100mm)
Number Of LEDs	Coaxial Light: 13 Small Angle Highlighting Lamp Beads
	Diffuse Light: 40 Bright White LEDs
Color Temperature	5000K~5500K
Adjustment Method	Separate Control (Independently Controlled By One Knob For One Kind Of Light)
Seven-color LED Parameters	
Power	<3W
Input Voltage	DC 5V
Dimming Method	0-100% Linear Adjustment
Comprehensive Magnification	Red: 610um
	Yellow: 600um
	Warm White: 586um
	Green: 528um
	White: 494um
	Purple: 458um
Adjustment Method	Blue: 470um
	Brightness And Light Switching Are Controlled By Different Knobs
Software Environment	
Windows System Demand	Microsoft® Windows® XP / 7 / 8 / 8.1/10(32 & 64 bit)
	CPU: Dual-core 3.0 GHz Or More CPU
	Memory: 4G Or More
	Network:10/100/1000Mbps Compatitable Interface
	At Least 10 GB Available Hard Disk Space
Operating Environment	
Operating Temperature	0°C~ 40°C
Storage Temperature	-20°C~ 60°C
Operating Humidity	30~60%RH
Storage Humidity	10~80%RH

MORE CHOICES




A18.1825-LCD

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A18.1829

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A18.1830

 BUY NOW



A18.1816

 BUY NOW

PACKING AND SHIPPING

Packing : By Plastic + Strong Master Carton 87*61*41cm, G.W.: 33.9Kgs

Shipping Time : 3-10 Days From Stock



A18.4902



COMPANY INFORMATION

OPTO-EDU is one of the top professional supplier for microscope from China, we focus in microscope & educational field for more than 20 years. As the top recommended seller for microscope on alibaba, we have full types microscopes, including biological microscope, stereo microscope Metallurgical microscope, inverted microscope, fluorescent microscope, polarized microscope, phase contrast microscope, dark field microscope, multi-viewing microscope, DIC microscope, AFM/STM/SPM microscope, zoom microscope, gem microscope, digital microscope, LCD microscope, comparison microscope Forensic microscope, and all kinds of microscope accessories.

Our customer comes from more than 104 countries, such as United States, Britain, Russia, Canada, Germany, Denmark, Poland, Sweden, UAE, Qatar, Saudi Arabia, Egypt, Mexico, Argentina, Chile, Brazil, Korea, Thailand, India, Indonesia, Philliphine and so on. We have been working tirelessly to supply China's nice quality production to the world market!

☆ Real Data Of Export Countries And Regions ☆

Countries /Regions			Number of Batches	Countries /Regions			Number of Batches
客户ID	客户名称	客户名称	批数	客户ID	客户名称	客户名称	批数
23	国家/地区: KYRGYZSTAN	[吉尔吉斯斯坦]	批数: 1	65	国家/地区: MOLDOVA	[摩尔多瓦]	批数: 1
24	国家/地区: ZIMBABWE	[津巴布韦]	批数: 2	66	国家/地区: PALESTINE	[巴勒斯坦]	批数: 2
25	国家/地区: SENEGAL	[塞内加尔]	批数: 2	67	国家/地区: JAPAN	[日本]	批数: 7
26	国家/地区: EL SALVADOR	[萨尔瓦多]	批数: 1	68	国家/地区: CHILE	[智利]	批数: 6
27	国家/地区: BOLIVIA	[玻利维亚]	批数: 3	69	国家/地区: IRAQ	[伊拉克]	批数: 6
28	国家/地区: ROMANIA	[罗马尼亚]	批数: 5	70	国家/地区: SINGAPORE	[新加坡]	批数: 8
29	国家/地区: COLOMBIA	[哥伦比亚]	批数: 7	71	国家/地区: TANZANIAN	[坦桑尼亚]	批数: 1
30	国家/地区: FINLAND	[芬兰]	批数: 1	72	国家/地区: COTE DOVOIRE (Republic of Ivory Coast)	[科特迪瓦]	批数: 2
31	国家/地区: CAMEROON	[喀麦隆]	批数: 3	73	国家/地区: VIET NAM	[越南]	批数: 19
32	国家/地区: COSTA RICA	[哥斯达黎加]	批数: 1	74	国家/地区: IRAN	[伊朗]	批数: 6
33	国家/地区: SPAIN	[西班牙]	批数: 6	75	国家/地区: SWEDEN	[瑞典]	批数: 5
34	国家/地区: ISRAEL	[以色列]	批数: 9	76	国家/地区: UZBEKISTAN	[乌兹别克斯坦]	批数: 2
35	国家/地区: NIGERIA	[尼日利亚]	批数: 7	77	国家/地区: TURKEY	[土耳其]	批数: 8
36	国家/地区: EGYPT	[埃及]	批数: 13	78	国家/地区: BELGIUM	[比利时]	批数: 2
37	国家/地区: CAMBODIA (Kampuchea)	[柬埔寨]	批数: 2	79	国家/地区: LAOS	[老挝]	批数: 1
38	国家/地区: PARAGUAY	[巴拉圭]	批数: 2	80	国家/地区: BRAZIL	[巴西]	批数: 15
39	国家/地区: MADAGASCAR	[马达加斯加]	批数: 1	81	国家/地区: BANGLADESH	[孟加拉国]	批数: 6
40	国家/地区: MACEDONIA	[马其顿]	批数: 1	82	国家/地区: ECUADOR	[厄瓜多尔]	批数: 2
41	国家/地区: BENIN	[贝宁]	批数: 1	83	国家/地区: NETHERLANDS	[荷兰]	批数: 8
42	国家/地区: UKRAINE	[乌克兰]	批数: 3	84	国家/地区:		批数: 6
43	国家/地区: NEW ZEALAND	[新西兰]	批数: 2	85	国家/地区: THE PHILIPPINES	[菲律宾]	批数: 15
44	国家/地区: LITHUANIA	[立陶宛]	批数: 1	86	国家/地区: THAILAND	[泰国]	批数: 18
45	国家/地区: NORWAY	[挪威]	批数: 1	87	国家/地区: GERMANY	[德国]	批数: 12
46	国家/地区: SWITZERLAND	[瑞士]	批数: 2	88	国家/地区: SRI LANKA	[斯里兰卡]	批数: 2
47	国家/地区: HONGKONG	[香港]	批数: 3	89	国家/地区: PERU	[秘鲁]	批数: 12
48	国家/地区: ARGENTINA	[阿根廷]	批数: 4	90	国家/地区: SAUDI ARABIA	[沙特阿拉伯]	批数: 4
49	国家/地区: TAIWAN	[中国台湾]	批数: 1	91	国家/地区: INDIA	[印度]	批数: 23
50	国家/地区: ALGERIA	[阿尔及利亚]	批数: 1	92	国家/地区: BULGARIAN	[保加利亚]	批数: 3
51	国家/地区: MALAYSIA	[马来西亚]	批数: 17	93	国家/地区: ITALY	[意大利]	批数: 19
52	国家/地区: GREECE	[希腊]	批数: 1	94	国家/地区: TUNISIA	[突尼斯]	批数: 1
53	国家/地区: UNITED KINGDOM	[英国]	批数: 13	95	国家/地区: RUSSIA	[俄罗斯]	批数: 33
54	国家/地区: MOROCO	[摩洛哥]	批数: 2	96	国家/地区: UNITED STATES	[美国]	批数: 51
55	国家/地区: YEMEN	[也门]	批数: 1	97	国家/地区: MEXICO	[墨西哥]	批数: 12
56	国家/地区: AUSTRALIA	[澳大利亚]	批数: 12	98	国家/地区: HUNGARY	[匈牙利]	批数: 3
57	国家/地区: GHANA	[加纳]	批数: 3	99	国家/地区: CANADA	[加拿大]	批数: 6
58	国家/地区: GEORGIA	[格鲁吉亚]	批数: 3	100	国家/地区: POLAND	[波兰]	批数: 6
59	国家/地区: CZECHO	[捷克]	批数: 2	101	国家/地区: PAKISTAN	[巴基斯坦]	批数: 5
60	国家/地区: KENYA	[肯尼亚]	批数: 2	102	国家/地区: KOREA	[韩国]	批数: 23
61	国家/地区: INDONESIA	[印度尼西亚]	批数: 14	103	国家/地区: UNITED ARAB EMI	[阿联酋]	批数: 5
62	国家/地区: DENMARK	[丹麦]	批数: 2	104	国家/地区: LATVIA	[拉托维亚]	批数: 1
63	国家/地区: VENEZUELA	[委内瑞拉]	批数: 1				
64	国家/地区: FRANCE	[法国]	批数: 8				

OUR WORKSHOP





OPTO-EDU ADVANTAGES

- ☆ Alibaba Recommend Top Supplier for Microscope!
- ☆ All Kinds of Microscope from China!
- ☆ Factory Direct Price!
- ☆ Nice Quality!
- ☆ More Than 1200 Microscope Models!
- ☆ Small Order Welcome!
- ☆ Payment By PayPal, WU, Alibaba!
- ☆ Quick Shipping Within 5 Days!
- ☆ Warranty 3 Years For Our Microscope!



- ☆ **WITH US YOUR MONEY IS SAFE!**
- ☆ **WITH US YOUR TRADE IS SAFE!**



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