



KOPPACE 3.5X-180X Trinocular Stereo Microscope 21 MP HDMI HD Industrial Electron Microscope Mobile Phone Repair Microscope

KP-2190-X3

Optical Enlargement:3.5X-180X
 Eyepiece:High eyespots wide-field eyepiece WF10X/20,WF20X/10
 Working Distance:30mm-165mm
 Objective lens:0.7X-4.5X
 LED light source:LED Qty 144
 Camera eyepiece interface:Dedicated interface 0.5X CTV
 Auxiliary lens:0.5X/165mm,2X/30mm,1X oil proof mirror.

• Description

Model	KP-2190-X3
Optical Enlargement	3.5X-180X
Eyepiece	High eyespots wide-field eyepiece WF10X/20,WF20X/10
Objective lens	0.7X-4.5X
Viewing Head	Trinocular stereomicroscope view head inclined at 45°.、 The pupil distance adjusting range 54mm-76mm
Working Distance	30mm-165mm
Focusing bracket	Focusing handwheel tightness is adjustable,lifting range 50mm
Auxiliary lens	0.5X/165mm,2X/30mm,1X oil proof mirror
Camera eyepiece interface	Dedicated interface 0.5X CTV
Base Plate size	370X250X16mm
Universal regulating frame	Diameter of column:25mm,transverse arm length:310mm,hanger diameter:24.7mm
LED lighth source	Inside diameter size 60mm,The input voltage AC90—240V,The output power 4.5w,Light color white,Lamp bead 144
Sensor	21 million pixels CMOS Sensor
Optical format	1/2.3 inch
Pixel size	1.335μm × 1.335μm
Interface	HDMI(Type A),USB(Type B),TF Card
Image resolution	6112*3440 (for TF Card), 1920x1080(for TF Card),

Video record resolution	2K@30FPS,1080p@60FPS
HDMI Resolution	1920*1080p 60FPS
HDMI proportion	Support 4:3, 16:9, 16:10 screen
USB2.0(Drive free)	1920*1080@30 1280*720@30 640*480@30
TF card	MAX 64GB
Exposure	Automatic/manual exposure can be set to set the exposure value
Sharpness, saturation, contrast	1-24 manual adjustment
Playback	Support picture playback
Cross line	8 lines.Can set color and width and position
Zoom mark line	2 lines.
Black and white, negative	stand by
Language	English/Simplified Chinese
Digital zoom	Support 7X
playback	Pictures and videos
Voltage in	DC 12V (5-19V),55-21mm size
Power consumption	MAX 0.15W (12V,0.12A)
Lens interface	C/CS

Packing List :

- 1、Eyepiece WF10X/20 one pair
- 2、Eyepiece WF20X/10 one pair
- 3、Focus rack *1
- 4、Eye guards one pair
- 5、0.7X-4.5X Trinocular Zoom lens *1
- 6、144 LED ring light *1
- 7、Pillar stand and Base Plate *1
- 8、Dust cover *1
- 9、0.5X Auxiliary lens *1
- 10、2X Auxiliary lens *1
- 11、1X oil proof mirror *1
- 12、12V/2A power supply *1
- 13、Camera interface 0.5X CTV *1
- 14、21 Million Pixels Microscope Camera *1
- 15、HDMI high definition line *1
- 16、The camera power adapter *1
- 17、Universal regulating frame *1

Note:

- 1)Simultaneous Observation Through Both the Eyepieces and the Trinocular Port. Not need to switch,Simultaneous imaging.
- 2)This product is mainly HDMI output,USB connected computer can only display images,can not adjust

parameters;remote control can not be used when connecting computer;using remote control to adjust parameters needs to be in HDMI connected monitor state.