



5MP Industrial Microscope Camera,USB2.0,3.5X-90X Trinocular Stereo Microscope,144 LED Ring Light,0.5X/2X Auxiliary lens

KP-5100KPA-L1

Optical Enlargement:3.5X-90X
Eyepiece: High eyespots wide-field eyepiece WF10X/20
Zoom Objective: 0.7X-4.5X
Working Distance:30mm-165mm
Auxiliary lens:0.5X/165mm,2X/30mm
5 million pixels USB2.0 Industrial Camer
Provide professional image measurement software

• Description

Optical Enlargement	3.5X-90X
Eyepiece	High eyespots wide-field eyepiece WF10X/20
Objective lens	0.7X-4.5X
Viewing Head	Trinocular stereo microscope view head inclined at 45 degrees.The pupil distance adjustment range 54 mm-76mm
Working Distance	30mm-165mm
Auxiliary lens	0.5X/165mm,2X/30mm
Focusing bracket	Focusing handwheel tightness is adjustable,lifting range 50mm
Single-arm bracket	base column 230*260*40mm,lens diameter 32mm,lens aperture 76mm, vertical height 348mm,horizontal movement 235mm
LED light source	LED Qty 144,Internal diameter size 64mm,Diameter size

	94mm,Input voltage AC90-240V,Maximum output power 4.5W,Voltage 12V0.5A
Camera interface	1XCTV,0.5XCTV
Sensor	5.1M/AR0521(C)
Sensor Size	1/2.5" (5.70x4.28)
Resolution	2592x1944 5 million pixels USB2.0
Pixel Size	2.2μmx2.2μm
Frame Rate	30@2592x1944, 30@1280x960, 30@640x480
Exposure	0.1-1000 ms
White balance	ROI White Balance/ Manual Temp-Tint Adjustment
Capture/Control API	Native C/C++, C#,Directshow,Twain,Labview
Recording mode	Image and video
Cooling System	Natural
Operating Temperature	-10°C~50°C
Storage Temperature	-20°C~60°C
Operating Humidity	30~80%RH
Storage Humidity	10~60%RH

Advanced software for Windows:

- offers Stitching, EDF,video recording and measurement functions
- conducts measurements for lengths,angles,arcs, areas and etc.
- gives your computer screens the same field of view as your microscope's eyepiece
- saves still images in BMP,TIFF,JPG,PICT,PTL or other formats
- edit and process microscopy images in a manner similar to PhotoShop
- live video and still image capture can be set in different resolutions simultaneously

More features: add layers,watermarks, mosaics,tiles;adjust color balance, exposure,saturation,contrast,orientation;change resolution,histogram, granulation, diffusion;transform images via edge detection,digital image warping;conducts measurements for single, parallel or perpendicular lines and rectangular,elliptical and irregular areas;adds notes, measurements, text,arrows,labels,and etc.using customizable text with different sizes and colors;

conducts measurements in microns,millimeters,centimeters, inches,

Packing List :

- 1、Eyepiece WF10X/20 one pair
- 2、Focus rack *1
- 3、Eye guards one pair
- 4、0.7X-4.5X Trinocular zoom objective *1
- 5、144 LED ring light *1
- 6、Pillar stand and Base Plate *1
- 7、Dust cover *1
- 8、0.5X Auxiliary lens *1
- 9、2X Auxiliary lens *1
- 10、Single-arm bracket *1
- 11、Camera interface 1XCTV,0.5XCTV *1
- 12、5MP digital camera *1
- 13、1.8m USB cable *1
- 14、CD drive *1
- 15、Installation instruction *1