



**KOPPACE 10MP USB 3.0 Industrial Camera Trinocular Stereo Zoom Microscope 3.5X-90X Magnification Mobile phone repair microscope**

**KP-1000KPA-FLB**

Optical Enlargement:3.5X-90X  
Eyepiece:High eyespots wide-field eyepiece WF10X/20  
Objective lens:0.7X-4.5X  
Working Distance:30mm-165mm  
Auxiliary lens:0.5X/165mm,2X/30mm

Description

**KP-1000KPA-FLB**

Optical Enlargement	3.5X-90X
Eyepiece	High eyespots wide-field eyepiece WF10X/20
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
Rocker bracket	Column height 348mm,column diameter Φ32mm,vertical and horizontal joints vertical double hole joint,cross arm type rocker arm,cross arm length 343.9mm,horizontal rotation range 360°

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 eyepiece interface	Dedicated interface 1XCTV, 0.5X CTV
Auxiliary lens	0.5X/165mm, 2X/30mm
Sensor	10MP/MT9J003 CMOS
Sensor Size	1/2.3
Resolution	3584x2746 10 million pixels
Pixel Size	1.67μm x 1.67μm
Frame Rate	7.2@3584x2746, 24.5@1792x1372
Exposure	0.1ms~2000ms
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 zoom objective \*1
- 5、 144 LED ring light \*1
- 6、 Rocker bracket \*1
- 7、 Dust cover \*1
- 8、 0.5X Auxiliary lens \*1
- 9、 2X Auxiliary lens \* 1
- 10、 Dedicated interface 1XCTV,0.5X CTV \*1
- 11、 10MP digital camera \*1
- 12、 1.8m USB cable \*1
- 13、 CD drive \*1
- 14、 Installation instruction \*1

**Note: Simultaneous Observation Through Both the Eyepieces and the Trinocular Port. No need to switch,Simultaneous imaging.**