

# Pro-MicroScan

## Digital Eyepiece Camera for Microscope MDC320

Order Part No.:#5910

This digital camera (USB 2.0) is professionally designed for microscopes. It works perfectly with all types of optical microscopes (Biological, Stereo and metallurgical, etc.). The images of the observed specimen or sample can be accurately displayed and captured on the computer screen. The included advanced application software allows for simple and convenient manipulation of the captured images from the microscope!

### General Features:

- Interface: USB 2.0
- Resolution: 2048×1536 (3.2M pixels)
- For Live image and still picture
- Sensor: 1/3" Super HAD Color CCD
- Connect to 23.2mm & 30mm / 30.5mm
- Video frame Rate: up to 20 frame-per-second

### Technical Specifications:

PC Interface	USB 2.0,support
Sensor	1/2 inch, <b>Super HAD Color CCD</b> , 5.6 M Pixels
Maximum Resolution	2720×2048
Frame Rate	<b>15fps</b> at 2048×1536, <b>20fps</b> at 1024×768
Video Mode	2048×1536 / 1024×768
Dynamic Range	75dB
Sensitivity	0.4V 706cd/m <sup>2</sup> , color temperature of 3200K
Color	Max 1.64 million 24Bit Color
Color Mode	Color / Mono , R-G-B / B-G-R
Driver	<b>Direct Show</b> & <b>Twain</b>
Power Source	From USB 2.0 Port
Image Control	White balance: Automatic and Manu R-G-B Exposure: Auto Exposure / Target / Time Color: Color-Mono / Gamma / Saturation / Contrast Matrix Misc: Flip-Horizontal / Flip-Vertical Frame Rate: Low / High

\* Please use this Camera after confirming your PC specifications.

## Special Function:

- Live capture quick measure
- Video scale (e.g.100X 20µm)
- Video Marker (e.g. + # ◊ □ ○. size, color, position can be changed)
- Video Date Marker
- Video Clarity Factor
- Manual Fusion (make image large depth of field)
- Auto Fusion (Need DAF Z-axis controller)
- Auto Focus (Need DAF Z-axis controller)

## Dimensions and Weight

- Body length: 4.3" / 110 mm (H)
- Body Diameter: 2.36" / 60 mm (D)
- Cable length: 59.1" / 1.5 m
- Body with USB cable: 0.62 lbs / 280 g
- Total unit with cable weight: 1.32 lbs / 600 g
- Package Size: 16.5 mm (L)X 14.5 mm (W) X 8.5 mm (H)

## Package Includes:

- Digital Microscope Eyepiece Camera
- CD: Driver and Software (ScopePhoto, MiniSee)
- Two adaptors (dia.30mm, dia.30.5mm, one each)
- High-Speed USB2.0 cable (1.5m)
- User manual
- Optional Accessories:TS-M1 or TS-M2 Calibration Slide(Stage Micrometer)

## System Requirements:

- Intel Pentium 2.0GHz processor minimum (Recommend Dual core 2.8GHz or faster)
- Windows 2000/XP(SP2-SP3)/ Vista
- DirectX 9.0 or later
- 1GB RAM or more
- CD-ROM drive
- 32-bit color graphics card
- 21" display monitor or larger
- Hi-speed USB 2.0 Port