



ScopeVision-360

The ScopeVision-360 Panoramic Digital Microscope with Variable Speed

The ScopeVision-360 panoramic Digital Video Microscope adds a new dimension to portable inspection. View the sample from above, or switch to an angled view - up to 45 degrees from any direction. The variable speed motor drives the viewing head to produce a 360° panoramic view (which can be recorded) for more complete inspection and documentation. The 1.3 megapixel color camera provides four times the resolution of a standard video camera with excellent color reproduction and high sensitivity over a wide range of magnifications. The zoom lens provides a 9-65x magnification range. A 150 watt halogen lamp with dual fiber bundles or Z-lite is included to provide ample light to completely illuminate the sample from all directions. ScopeVision-360 is available in manual and motor driven configurations.

The included Video ToolBox software provides an easy-to-use interface for image and movie capture, advanced labeling, annotation and measurement. the camera also includes Direct Show and TWAIN drivers so it is compatible with most imaging programs and databases. ScopeVision-360 can also be used in still motion and to capture still images like a digital microscope system.

Images and Video:

a high resolution digital microscope with motorized or manual rotating head. Motor drives head 360 degrees for automated viewing and includes a 1.3 million pixel color camera (1280 X 1024) macro lens with 9 - 65x zoom, adjustable stand, variable intensity LED dual 2 watt illumination to illuminate all sides of the sample. Includes Video ToolBox PRO software for advanced display, capture, annotation and advanced measurement of images. One Year Warranty included.

Features:

- View straight down or at an angle
- Rotate the view 360° without moving the sample
- 9 - 65x zoom magnification lens with detents
- Doubler lens increasing magnification to 210x
- High-resolution 1.3 megapixel camera
- Video ToolBox PRO Software to capture, record, annotate, measure
- Available in motorized or manual versions

Specifications:

- **Optical Magnification:** 9 - 65x with detents
- **Field of View:** 0.90" x 0.67" at 9x 0.14" x 0.10" at 65x
- **Viewing Angle:** 0-45°
- **Standoff:** 3.75" to lens (rotary head removed)

Camera:

- **Array Size:** 1280 x 1024 (1.3 megapixels)
- **S/N Ratio:** 54dB
- **Min. Illumination:** 0.028 lux
- **Frame Rate:** 14.33/sec. (1280 x 1024) 30/sec. (640 x 480)
- **Interface:** USB 2.0

Illumination:

- **Laboratory:** Z-lite or 150 W dual halogen fiber gooseneck
- **Portable:** USB powered LED bar light

Software:

- **Capture Program:** Video ToolBox PRO
- **Drivers:** DirectShow and TWAIN compliant

Computer Requirements:

- Windows 2000/XP
- Free USB 2.0 Port
- DirectX 8.1 or greater
- Pentium III 1.0 GHz or faster (P4, 1.5+ GHz recommended)
- 128 MB of Free Memory (256+ MB recommended)
- Video card with 16MB of video RAM, minimum
- 80 x 600 resolution at 16-bit (65,000 colors)

This is only one of the **ScopeVision** products. To learn more about **ScopeVision** products, contact [Leading Edge Associates](http://LeadingEdgeAssociates.com) at 828-926-6525.