

**Better Vision
Better Results**

Firefly DE501

High Precision Veterinary Digital Video Otoscope

150x MAGNIFICATION

Provides up to 50x native optical magnification and up to 150x digital magnification for highly precise analysis.

TRUE 1.3 MEGAPIXELS

DE501 delivers exactly 1.3 Megapixels of detail without using interpolation techniques. While such a large quantity of pixels may normally cause significant lags in capturing and displaying images, the DE501 is equipped with a cutting edge image processing engine which virtually eliminates visual lag, enabling an intuitive user experience.

MULTI-LAYER GLASS LENSES

Equipped with multi-layer glass lenses rather than plastic alternatives, thus delivering superb focal depth and crystal clear image quality.

ULTRA-BRIGHT LEDs

Highest quality ultra-bright LEDs are deployed with variable brightness control



- **Performs highly accurate and clear otoscopy observations**
- **Quickly captures snapshots & videos**
- **Magnifies objects up to 50x optically and up to 150x digitally**
- **Integrates easily with Electronic Medical Records (EMR) systems**

Firefly DE501 is the industry's most advanced portable digital video otoscope with image and video capture capabilities. It provides unprecedented accuracy in observing the ear canal. This is a powerful tool which can be used for medical training, telemedicine, EMR (Electronic Medical Records) as well as for patient education. Unlike older electronic otoscopes, DE501 delivers these breakthrough capabilities - and much more - at a highly economical cost.



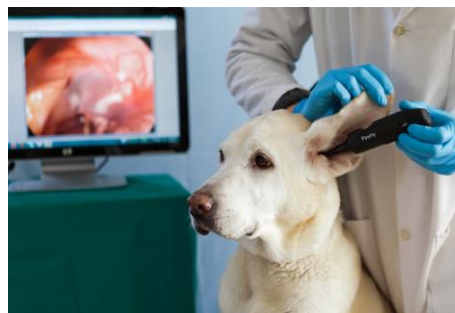
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DE501

Technical Details

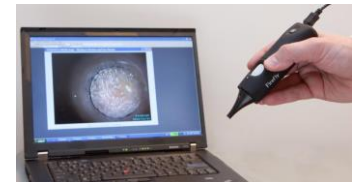
Sensor Resolution	True 1.3 Megapixels (1280 x 1024)
Magnification	Native Optical: 15x – 50x Digital: 15x – 150x
Lens Assembly	Dual Lenses 3-Layer Glass, 650nm cutoff
Video	Format: YUY2, MJPG Frame rate: 30 FPS
Video/Image Properties	Color: Hue, Saturation Exposure: Brightness, Contrast Image: Sharpness, Gamma
Image / Video Files	JPG / BMP / AVI
Lighting	4 Ultra-Bright LEDs Fully adjustable brightness
Interface	USB 2.0
Accessories	Includes 4mm/5mm/7mm specula
Dimensions	13cm x 3.6cm x 4cm
Software	Scalable Window, Zoom, Freeze, Resolution, Rotate, Flip Region of Interest (ROI) Real time measurements Automatic/Manual white balance
Operating Systems	Windows 7, 8, 10 and Mac OS-X 10.4 or higher
Warranty	1 Year Limited Hardware Warranty



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SOPHISTICATED SOFTWARE

DE501 is controlled directly with the FireflyPro professional image processing software which comes bundled with the product. This state-of-the art software enables users to capture, store, recall, view, manipulate and measure images and videos in real time. Its intuitive interface empowers users to get right to work anytime and anywhere.



Optional XL Specula Set (ES108)

This optional set includes six metal specula of various lengths, including two with working channels.

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