

DE500 Digital Video Otoscope



The DE500 Digital Video Otoscope is a special purpose digital video camera combined with a high magnification lens and multiple ultra-bright LEDs.

Delivering up to 50x optical and 150x digital magnification, this innovative device streams high quality live video (at 30fps) to a computer, enabling the user to view and record crystal clear images or videos.

The DE500 Otoscope has been adopted in some of the most reputable hospitals, health clinics, and medical schools worldwide. Most common uses are for clinical examination, patient communication and education, keeping patient records, and documenting changes over

time. The DE500 is also perfect for telemedicine as it enables remote care providers to see close-up live images of the patient.

With its many uses and applications, the DE500 Otoscope is a versatile, easy to use tool and is easy to acquire at a very affordable price. Please contact us for more information.



Features

- TRUE 1.3 Megapixel resolution
- Easily captures microscopic pictures and videos
- See more patients and reduce patient visit time with more efficient record documenting
- Variable magnification up to 150x (digitally) and up to 50x (optically).
- Observes and records in real time (30 FPS)
- Built-in snapshot button
- Multi-layered glass lenses
- Rugged industrialized construction



Uses

- Inner ear examination
- Patient education
- Electronic Medical Records (EMR)
- Telemedicine
- Medical schools
- Self-Examination

What's Included

- USB Digital Video Otoscope
- Disposable Specula (3,4,5mm: 5 each)
- Additional specula available (packs of 192).
View the [Specula \(3,4,and 5mm\)](#) and the [Specula \(4mm only\)](#)
- FireflyPro Software CD
- USB Cable
- Velvet Carrying Case
- User Manual on CD

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 Frame rate: 30 FPS
Video/Image Properties	Color: 260 Level Hue, Saturation, White Balance Exposure: Brightness, Contrast Image: Sharpness, Gamma
Video/Image Files	BMP, JPG, AVI
Lighting	Ultra-Bright LEDs Fully adjustable brightness
Interface	USB2.0
Dimensions	13cm x 3.6cm x 4cm
Software	Scalable Window, Zoom, Freeze, Resolution, Rotate, Flip Region of Interest (ROI) Automatic/Manual white balance
Operating Systems	Windows 10, 8, 7, XP and Mac OS 10.4 or higher
Warranty	1 Year Warranty

Click for video clip of Otoscope in use: https://youtu.be/vg2t_IETi0