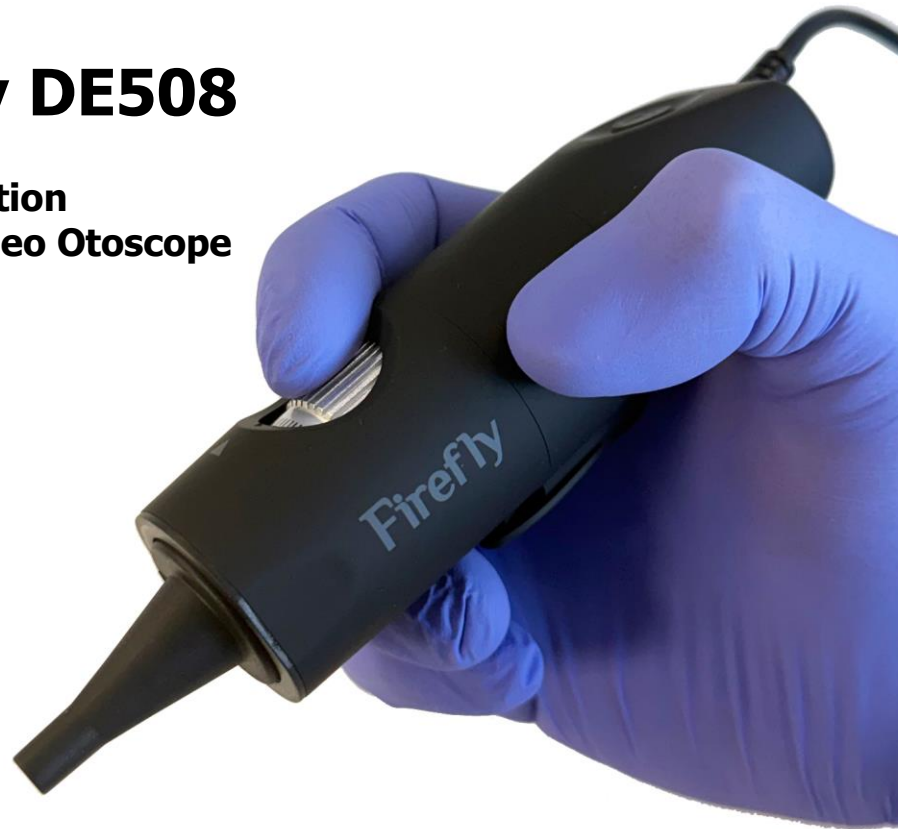


**Better Vision
Better Results**

Firefly DE508

4K Resolution Digital Video Otoscope



4K RESOLUTION

DE508 delivers 3840x2160 pixels of detail without using interpolation techniques. While such a large quantity of pixels may normally cause significant lags in capturing and displaying images, the DE508 is equipped with a cutting-edge image processing engine which virtually eliminates visual lag, enabling an intuitive user experience.

105x MAGNIFICATION

Provides up to 105x optical magnification for highly precise analysis.

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 observations of the ear canal**
- **Quickly captures snapshots & videos**
- **Magnifies objects up to 105x optically**
- **Integrates easily with Telemedicine / Telehealth software systems**
- **Ideal for EMR (Electronic Medical Records) applications**

Firefly DE508 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 Telemedicine/Telehealth and EMR (Electronic Medical Records). Unlike older electronic otoscopes, DE508 delivers these breakthrough capabilities - and much more - at a highly economical cost.

Better Vision Better Results



DE508

Technical Details

Sensor Resolution	Ultra high-resolution 4K 3840 x 2160
Magnification	Up to 105x optical magnification
Lens Assembly	Dual Lenses 3-Layer Glass, 650nm cutoff
Video	Format: MJPG Frame rate: 30 FPS
Video/Image Properties	Color: Hue, Saturation Exposure: Brightness, Contrast Image: Sharpness, Resolution
Image / Video Files	JPG/AVI
Lighting	4 Ultra-Bright LEDs Fully adjustable brightness
Interface	USB 3.0
Accessories	Includes 3mm/4mm/5mm specula
Dimensions	13cm x 3.6cm x 4cm
Software	Scalable Window, Zoom, Freeze, Selectable Resolution, Image Recording, Video Recording
Operating Systems	Windows 10, 11 iPad with iOS 17 and higher (with compatible 3 rd party software)
Warranty	1 Year Limited Hardware Warranty



USE OUR POWERFUL SOFTWARE...

DE508 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 and view videos in real time. Its intuitive interface empowers users to get right to work anytime and anywhere.

...OR USE YOUR OWN!

Firefly devices are perfect companions for telemedicine deployments, working plug-and-play with video conferencing software such as ZOOM, TEAMS, MEET, FACETIME or your own platform!

ADVANCED IMAGING TECHNOLOGY

Managing incoming light is a tremendous challenge in digital sensor design. Reflections and lighting leaks can easily pollute the sensor, resulting in overexposure and washed-out images. Firefly effectively reduces overexposure by employing a proprietary lens assembly design and highly efficient image processing algorithms.

This highly efficient overexposure management technology enables Firefly to use ultra-bright LEDs to their fullest effect. Objects under observation are brightly illuminated without undesirable side effects.

THIRD PARTY INTEGRATION

Firefly devices are intended to be used with the included software, but may also be integrated into 3rd party platforms. If you would like to use a 3rd party software package please contact us and we can provide integration guidelines.



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