



Firefly DE551

Wireless Veterinary
Video Otoscope



BETTER VISION, BETTER RESULTS

- > Performs highly accurate and clear otoscopy observations
- > Also ideal for dental, dermal, nasal and rectal examinations
- > Wirelessly captures snapshots & videos
- > Magnifies objects up to 30x (optical) and up to 90x (digital)

WIRELESS

With a dedicated wireless link and a 3 hour Lithium battery, DE551 provides complete flexibility and unprecedented precision in observing the ear canal and capturing high precision images/videos.

HIGH MAGNIFICATION

Provides up to 30x native optical magnification and up to 90x digital magnification.

Firefly DE551 is the industry's leading wireless high precision digital video otoscope with image and video capture capabilities. It provides unprecedented accuracy in observing the ear canal. It's also ideal for dental, dermal, nasal and rectal exams as well. This is a powerful tool which can be used for client education, veterinary training as well as electronic patient records. Unlike older electronic otoscopes, DE551 delivers these breakthrough capabilities and much more, at a highly economical cost.

MULTI-LAYERED GLASS LENSES

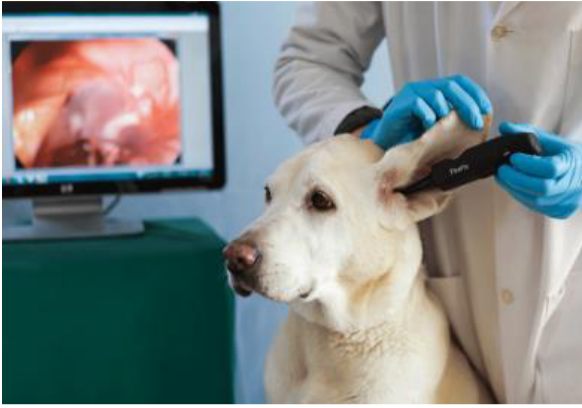
Equipped with multi-layer glass lenses rather than plastic alternatives, thus delivering superb focal depth and crystal-clear image quality.

ULTRA-BRIGHT LEDs

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

DE551

Technical Details



SOPHISTICATED SOFTWARE

DE551 is controlled directly with the FireflyPro professional image processing software which is bundled with the product. The 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.



INCLUDES WIRELESS RECEIVER



OPTIONAL: XL SPECULA SET (ES108)

This optional set includes 6 metal specula of various lengths, including 2 working channels.

ADVANCED IMAGING & TECHNOLOGY

Managing incoming light is a tremendous challenge in microscope 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. Sophisticated image processing algorithms are ineffective without strong depth perception and a clear image. Firefly DE551 is equipped with multi-layer glass lenses rather than plastic alternatives, thus delivering superb focal depth and crystal clear images.

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|------------------------|--|
| Magnification | Native Optical: 15x-30x Digital: 15x-90x |
| Video/Image Properties | Color: Hue, Saturation Exposure: Brightness, Contrast Image: Sharpness, Gamma |
| Video | Format: YUY2, MJPG Frame Rate: 30 FPS |
| Sensor Resolution | 720x480 |
| Lens Assembly | Dual Lenses 3-Layer Glass, 650nm cutoff |
| Image/Video Files | JPG/BMP/AVI |
| Illumination | 4 Ultra-Bright LEDs Fully adjustable brightness |
| Battery | Built-in 850mAh |
| Wireless Link | 4 Switchable Channels |
| Accessories | AC Battery Charger 4/5/7mm specula included |
| Dimensions | 13x3.6x4cm |
| Software | Scalable Window, Zoom, Freeze, Resolution, Rotate, Flip Region of Interest (ROI) |
| Operating Systems | Windows 7, 8, 10 and Mac OS-X 10.4 or higher |
| Interface | USB 2.0 |
| Warranty | 1 Year Limited Hardware Warranty |

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