



# HEALTHWORLD INTERNATIONAL PHILS. CORP.

*World Class QUALITY Need Not Be Expensive*

**Better Vision  
Better Results**

## **Firefly DE551**

### **Wireless Veterinary Video Otoscope**



#### **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 50x native optical magnification and up to 150x digital magnification

#### **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**
- **Also ideal for dental, dermal, nasal and rectal examinations**
- **Wirelessly captures snapshots & videos**
- **Magnifies objects up to 50x (optical) and up to 150x (digital)**

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.



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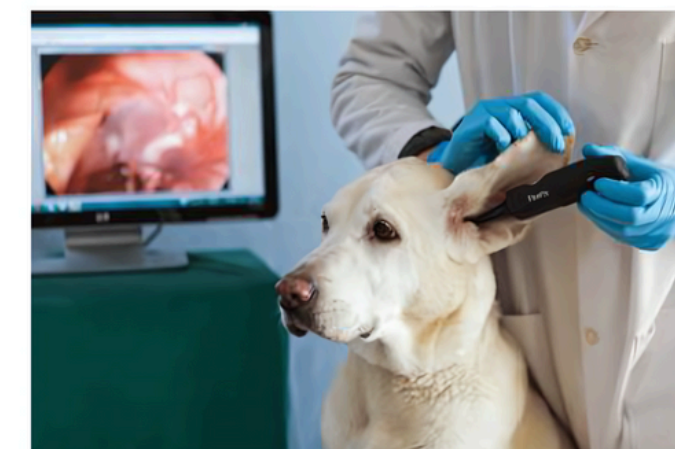
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## DE551

### Technical Details

Magnification	Native Optical: 15x – 50x Digital: 15x – 150x
Sensor Resolution	720 x 480
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
Battery	Built-in 850Mah
Illumination	4 Ultra-Bright LEDs Fully adjustable brightness
Wireless Link	4 Switchable Channels
Dimensions	13cm x 3.6cm x 4cm
Accessories	AC Battery Charger 3/4/5/7mm specula included
Interface	USB 2.0
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
Warranty	1 Year Limited Hardware Warranty



### SOPHISTICATED SOFTWARE

DE551 is controlled directly with the FireflyPro professional image processing software which is 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 one with a working channel.

### 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.

### INCLUDES WIRELESS RECEIVER



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### Distributed By:

**HEALTHWORLD INTERNATIONAL PHILIPPINES CORPORATION**

0421 Quirino Ave., La Huerta, Parañaque City, Metro Manila 1700 Philippines

(+63) 2 8829-0175 | (+63) 919-065-7403 | (+63) 917-822-2938 (+63) 998-581-2446

info@healthworldintl.com