

**Better Vision  
Better Results**

#### **WIRELESS**

With a dedicated wireless link and a 3 hour Lithium battery, DE350 provides complete flexibility and unprecedented precision in observing the skin and capturing high precision images / videos.

#### **90x MAGNIFICATION**

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

#### **INTEGRATED POLARIZER**

High quality built-in polarizer with multiple levels of polarization.

## **Firefly DE350**

### **Wireless Polarizing Digital Dermatoscope**



- **Designed for Digital Epiluminescence Microscopy (DELM)**
- **Ideal for follicular examinations**
- **Wirelessly view microscopic images on your computer and capture them with ease**
- **Magnify objects up to 30x optically and up to 90x digitally**

This highly portable digital polarizing dermatoscope is ideal for healthcare professionals, scientists, teachers, students and cosmetics professionals where close-up skin inspection and recording is essential. Unlike older bulky digital dermatoscopes costing thousands of dollars, DE350 delivers advanced capabilities - and much more - at a small size and truly economical cost.

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## 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 DE550 is equipped with multi-layer glass lenses rather than plastic alternatives, thus delivering superb focal depth and crystal clear images.

## DE350

### Technical Details

Magnification	Native Optical: 15x – 30x Digital: 15x – 90x
Sensor Resolution	720 x 480
Lens Assembly	Dual Lenses 3-Layer Glass, 650nm cutoff Integrated Polarizer
Video	Format: YUY2 Frame rate: 30 FPS
Video/Image Properties	Color: Hue, Saturation Exposure: Brightness, Contrast Image: Sharpness, Gamma
Image Files	JPG/ AVI / BMP
Lighting	8 Ultra-Bright LEDs Fully adjustable brightness
Battery	Built-in 850mAH
Wireless Link	4 Channels
Dimensions	13cm x 3.6cm x 4cm
Interface	USB 2.0 for Wireless Receiver
Accessories	Includes Desk Stand
Software	Scalable Window, Zoom, Freeze, Resolution, Rotate, Flip Region of Interest (ROI) Real time measurements Automatic/Manual white balance
Operating Systems	Windows 8, 7, Vista and XP Mac OS-X 10.4 or higher
Warranty	1 Year Limited Hardware Warranty

### INCLUDES WIRELESS RECEIVER



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### POWERFUL MAGNIFICATION AND POLARIZATION

DE300 empowers healthcare professionals with a whole new perspective. Its advanced technology can quickly provide a high resolution image into even the smallest areas of interest.



### SOPHISTICATED SOFTWARE

The DE350 is controlled directly with the FireflyPro professional image processing software which is bundled with the microscope. 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, anywhere.