

Better Vision  
Better Results

## Firefly DE350

### Wireless Polarizing Dermatoscope



#### WIRELESS

With a dedicated wireless link and a 3 hour Lithium battery, DE350 provides complete flexibility in capturing high precision images and videos. Besides offering point-to-point connectivity, it also enables point-to-multipoint operation thus enabling multiple PCs to observe the same images and videos.

#### 150x 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.

#### INTEGRATED POLARIZER

High quality built-in polarizer with 12 distinct levels of polarization.

- **Designed for Digital Epiluminescence Microscopy (DELM)**
- **Wirelessly view microscopic images on your computer and capture them with ease**
- **Magnify objects up to 50x optically and up to 150x digitally**
- **Easily integrates with EMR systems**

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 use 8 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 DE350 is equipped with multi-layer glass lenses rather than plastic alternatives, thus delivering superb focal depth and crystal clear images.

## DE350

### Technical Details

Sensor Resolution	720 x 480
Magnification	Native Optical: 15x – 50x Digital: 15x – 150x
Lens Assembly	Dual Lenses 3-Layer Glass, 650nm cutoff Integrated Polarizer with 12 settings
Video	Format: YUY2 Frame rate: 30 FPS
Video/Image Properties	Color: Hue, Saturation Exposure: Brightness, Contrast Image: Sharpness, Gamma
Image Files	BMP
Lighting	8 Ultra-Bright LEDs Fully adjustable brightness
Battery	Built-in 700mAH
Wireless Link	2.4GHz / 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 7, Vista and XP
Warranty	1 Year Limited Hardware Warranty



Applying Polarizer

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### 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.

### INCLUDES WIRELESS RECEIVER



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