

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.

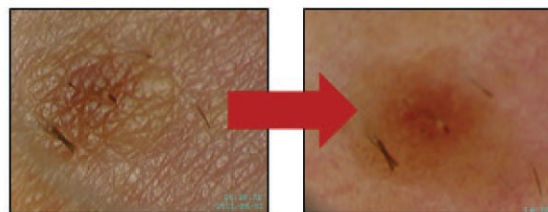
This highly efficient overexposure management technology enables Firefly use 8 ultra-bright LEDs to their fullest effect. Objects under observation are brightly illuminated without undesirable side effects.

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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