Better Vision
Better Results

TRUE 2.0 MEGAPIXELS

Unlike low quality alternatives, Firefly's DE300delivers exactly 2 Megapixels of detail without using interpolation techniques. While such a large quantity of pixels may normally cause significant lags in capturing and displaying images, the DE300 is equipped with a cutting edge image processing engine which virtually eliminates visual lag, enabling an intuitive user experience.

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, delivering superb focal depth and crystal clear image quality.

INTEGRATED POLARIZER

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

Firefly DE300

Polarizing Digital Dermatoscope

- **Designed for Digital Epiluminescence Microscopy (DELM)**

- **Instantly view and capture live microscopic images on a computer**

- **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, DE300 delivers advanced capabilities - and much more - at a small size and truly economical cost.

www.fireflyglobal.com

Firefly®

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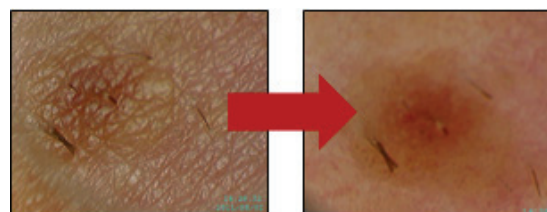
This highly efficient overexposure management technology enables Firefly use 8 ultra-bright LEDs to their fullest effect. Objects under observation are brightly illuminated without undesirable side effects.

Sophisticated image processing algorithms are ineffective without strong depth perception and a clear image. Firefly DE300 is equipped with multi-layer glass lenses rather than plastic alternatives, thus delivering superb focal depth and crystal clear images.

DE300

Technical Details

Sensor Resolution	True 2.0 Megapixels (1600 x 1200)	
Magnification	Native Optical:	15x – 50x
	Digital:	15x – 150x
Lens Assembly	Dual Lenses	
	3-Layer Glass, 650nm cutoff	
	Integrated Polarizer with 12 settings	
Video	Format:	MJPG, 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	
Dimensions	13cm x 3.6cm x 4cm	
Interface	USB 2.0	
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	
	UVC compatible on Mac and Linux	
Warranty	1 Year Limited Hardware Warranty	

Applying Polarizer

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SOPHISTICATED SOFTWARE

DE300 is controlled directly with the FireflyPro professional image processing software which is bundled with the dermatoscope. 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.

Scalp

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.

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