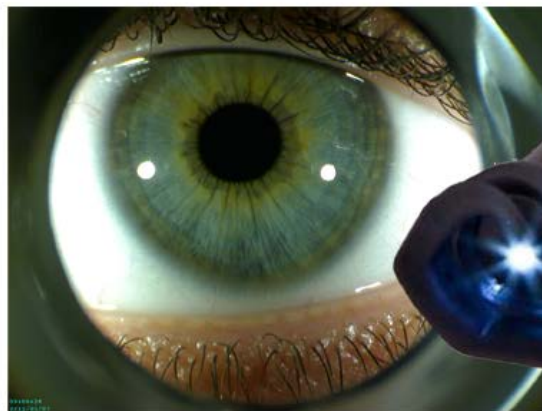


Better Vision  
Better Results

## Firefly DE400

### High Precision Portable Digital Iris Scope



#### TRUE 1.3 MEGAPIXELS

DE400 delivers exactly 1.3 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 DE400 is equipped with a cutting edge image processing engine which virtually eliminates visual lag, enabling an intuitive user experience.

#### 100x MAGNIFICATION

Provides up to 35x native optical magnification and up to 100x digital magnification for highly precise analysis.

#### 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

- **Offers crystal clear observations of the iris and the outer eye**
- **Quickly captures snapshots & videos**
- **Magnifies objects up to 35x optically and up to 100x digitally**
- **Integrates easily with Electronic Medical Records (EMR) systems**

Firefly DE400 is the industry's most advanced portable digital video iris scope with image and video capture capabilities. It provides unprecedented accuracy in observing the external eye surfaces. This is a powerful tool which can be used for EMR (Electronic Medical Records) as well as for patient reporting. It is also a versatile tool for self examination and telemedicine. Unlike older electronic iris scopes, DE400 delivers these breakthrough capabilities - and much more - at a highly economical cost.

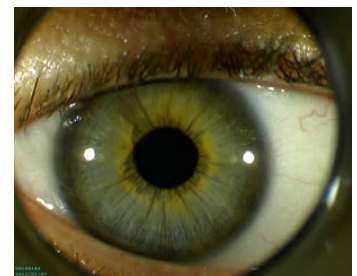
# Better Vision Better Results



## DE400

### Technical Details

Sensor Resolution	True 1.3 Megapixels (1280 x 1024)
Magnification	Native Optical: 10x – 35x Digital: 10x – 100x
Lens Assembly	Dual Lenses 3-Layer Glass, 650nm cutoff
Video	Format: YUY2 Frame rate: 30 FPS
Video/Image Properties	Color: 360 Level Hue, Saturation, White Balance Exposure: Brightness, Contrast Image: Sharpness, Gamma
Image / Video Files	JPG / BMP / AVI
Lighting	4 Ultra-Bright LEDs Fully adjustable brightness
Interface	USB 2.0
Accessories	Includes 3mm/4mm/5mm specula
Dimensions	17cm x 3.6cm x 4cm
Software	Scalable Window, Zoom, Freeze, Resolution, Rotate, Flip Region of Interest (ROI) Automatic/Manual white balance
Operating Systems	Win 7, 8, 10 and Mac OSX 10.4 and higher
Warranty	1 Year Limited Hardware Warranty



### SOPHISTICATED SOFTWARE

DE400 is controlled directly with the FireflyPro professional image processing software which comes 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.

### ADVANCED IMAGING TECHNOLOGY

Managing incoming light is a tremendous challenge in digital sensor 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 DE400 is equipped with multi-layer glass lenses rather than plastic alternatives, thus delivering superb focal depth and crystal clear images.



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