

Better Vision
Better Results

TRUE 2.0 MEGAPIXELS

Unlike low quality alternatives, Firefly's GT800 delivers 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 GT800 is equipped with a cutting edge image processing engine which virtually eliminates visual lag, enabling an intuitive user experience.

700x MAGNIFICATION

Provides up to 230x native optical magnification and up to 700x 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.

8 ULTRA-BRIGHT LEDs

Highest quality ultra-bright LEDs are deployed with variable brightness control.

Firefly GT800

Ultra High Precision Digital Microscope



- **Capture snapshots & videos**
- **Magnify objects up to 230x optically and up to 700x digitally**
- **Perform microscopic measurements with sophisticated bundled software**
- **Optional portable 4.3" LCD display can be used instead of PC**

This digital microscope is ideal for engineers, scientists, medical professionals, teachers, students, quality assurance teams, beauticians, coin collectors, biologists, botanists and a variety of other professions where close-up inspection and recording is essential. Unlike older tabletop microscopes costing thousands of dollars, GT800 delivers advanced capabilities - and much more - at an economical cost.

Better Vision
Better Results

GT800

Technical Details

Sensor Resolution	True 2.0 Megapixels (1600 x 1200)
Magnification	Native Optical: 15x – 230x Digital: 15x – 700x
Lens Assembly	Dual Lenses 3-Layer Glass, 650nm cutoff
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 Mini-Tripod and 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

SOPHISTICATED SOFTWARE

GT800 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.

Specifications are subject to change in any matter and at any time without notice. The Firefly word and the Firefly logo are trademarks or trade names of Firefly Global and its affiliates in the United States and/or other countries. All rights in such names, marks or logos are reserved by Firefly Global.



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, hence objects under observation are brightly illuminated without undesired side effects.



OPTIONAL

PORTABLE DISPLAY

An optional 4.3inch portable LCD display (PD100) can be used with the unit when a laptop or desktop PC are not available. The PD100 also provides storage for hundreds of high quality snapshots and videos.

Brought to you by: