

Better Vision  
Better Results

**TRUE 2.0  
MEGAPIXELS**

Unlike low quality alternatives, Firefly's GT700 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 GT700 is equipped with a cutting edge image processing engine which virtually eliminates visual lag, enabling an intuitive user experience.

**700x  
MAGNIFICATION**

Provides up to 235x 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.

**ADVANCED LEDs**

Highest quality UV LEDs and ultra-bright white LEDs are deployed with variable

## Firefly GT700

### UV/White Light Digital Microscope



- **Capture snapshots & videos at 30fps**
- **Easily illuminate targets with UV or White light**
- **Magnify objects up to 235x optically and up to 700x digitally**
- **Perform microscopic measurements with sophisticated bundled software**

This high precision digital microscope is ideal for engineers, scientists, medical professionals, teachers, students, quality assurance teams, coin collectors, biologists, botanists, jewelers and a variety of other professions where close-up inspection and recording is essential. Unlike legacy analog microscopes, GT700 delivers advanced capabilities - and much more - at an economical cost.

# Better Vision Better Results

## GT700



### Technical Details

Sensor Resolution	True 2.0 Megapixels (1600 x 1200)
Magnification	Native Optical: 15x – 235x 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	4 Ultraviolet LEDs (375nm) 4 Ultra-bright white LEDs (switchable) Fully adjustable brightness
Dimensions	13cm x 3.6cm x 4cm
Interface	USB 2.0
Accessories	Includes Mini-Tripod, Desk Stand and Camera Stand Adapter
Software	Scalable Window, Zoom, Freeze, Rotate, Flip, Set Resolution Region of Interest (ROI) Real time measurements Automatic/Manual white balance
Operating Systems	Windows 7, Vista and XP
Warranty	1 Year Limited Hardware Warranty

### 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.



### SOPHISTICATED SOFTWARE

GT700 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.

### OPTIONAL MICROSCOPE STANDS

Sturdy industrial design for use in all types of environments. Standard camera thread enables easy connection to GT700.

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