

Better Vision
Better Results

Firefly GT600

Wireless Handheld Digital Microscope



WIRELESS

With a dedicated wireless link and a 4 hour Lithium battery, GT600 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.

600x MAGNIFICATION

Provides up to 200x native optical magnification and up to 600x 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

- **Capture snapshots & videos wirelessly**
- **Magnify objects up to 200x optically and up to 600x digitally**
- **Perform microscopic measurements with sophisticated bundled software**
- **Optional wireless 4.3" LCD display can be used instead of PC**

This highly portable 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, GT600 delivers advanced capabilities - and much more - at an 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 GT600 is equipped with multi-layer glass lenses rather than plastic alternatives, thus delivering superb focal depth and crystal clear images.

GT600

Technical Details

Sensor Resolution	True 350 Kilopixels (720 x 480)
Magnification	Native Optical: 10x – 200x Digital: 10x – 600x
Lens Assembly	Dual Lenses 3-Layer Glass, 650nm cutoff
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 Mini-Tripod & 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

INCLUDES WIRELESS RECEIVER



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SOPHISTICATED SOFTWARE

GT600 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 PORTABLE DISPLAY

An optional 4.3inch portable LCD display (PD100) can be used directly 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.

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