

Better Vision
Better Results

Firefly GT620

Wireless Polarizing Video Microscope



WIRELESS

With a dedicated wireless link and a 3 hour Lithium battery, GT620 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.

700x MAGNIFICATION

Provides up to 235x native optical magnification and up to 700x digital magnification

12 POLARIZATION LEVELS

To reduce glare in highly reflective objects, the GT620 is equipped with a polarizing filter that can be manually adjusted for 12 levels of polarization.

ULTRA-BRIGHT LEDs

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

- **Wireless microscopic observations**
- **12 Levels of polarization**
- **Captures images & video**
- **Magnifies up to 235x optically**
- **Software with microscopic measurement tools included**

This highly portable digital polarizing video microscope is ideal for jewelers, engineers, and scientists where close-up inspection and recording is essential. The video microscope transmits live video instantly to laptops, desktops, tablets, and TV monitors. The GT620 delivers these advanced capabilities, and much more, at a small size and truly 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 to use ultra-bright LEDs to their fullest effect. Objects under observation are brightly illuminated without undesirable side effects.

GT620

Technical Details

Magnification	Native Optical: 10x – 235x Digital: 10x – 700x
Sensor Resolution	720 x 480
Lens Assembly	Dual Lenses 3-Layer Glass, 650nm cutoff Integrated polarizer with 12 settings
Video	Format: YUY2 Frame rate: 30 FPS
Video/Image Properties	Color: Hue, Saturation Exposure: Brightness, Contrast Image: Sharpness, Gamma
Image / Video Files	BMP / AVI
Lighting	8 Ultra-Bright LEDs Fully adjustable brightness
Battery	Built-in 850mAh
Wireless Link	4 Channels
Dimensions	13cm x 3.6cm x 4cm
Interface	USB 2.0 for Wireless Receiver
Accessories	Includes Mini-Tripod, Desk Stand and Camera Mount Adapter
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



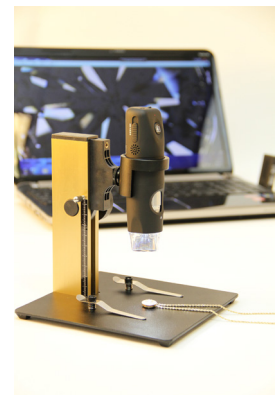
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SOPHISTICATED MEASUREMENT SOFTWARE

The GT620 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, measure, store and view images and videos in real time. Its intuitive interface empowers users to get right to work anytime and anywhere.



OPTIONAL MICROSCOPE STAND

Optional microscope stands are available for use with GT620 when manual operation is not convenient. The GT620 also comes with an adapter compatible with industry standard camera mounts and tripods

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