

Better Vision
Better Results

WIRELESS

With a dedicated wireless link and a 3.5 hour Lithium battery, DE1250 provides unparalleled flexibility in performing endoscopic observations and capturing high precision videos and images.

100x MAGNIFICATION

Provides up to 35x native optical magnification and up to 100x digital magnification

LIGHTWEIGHT

Based on a lightweight but rugged construction, the DE1250 is easy to use without hindering mobility during endoscopy.

MULTI-LAYER GLASS LENSES

Equipped with multi-layer glass lenses rather than plastic alternatives, thus delivering superb focal depth and crystal clear image quality.

Firefly DE1250

Wireless Diagnostic Endoscope Camera



- **Completely wireless operation**
- **Compatible with rigid endoscopes**
- **Captures snapshots & videos**
- **Ideal for ENT, teaching and veterinary applications**
- **Magnifies objects up to 35x optically and up to 100x digitally**

Firefly DE1250 is the industry's first wireless compact digital Endoscope Camera with image and video capture capabilities. It provides unprecedented viewing convenience with popular rigid and flexible endoscopes. Besides endoscopic examinations, this powerful tool can also be used for teaching applications, for EMR (Electronic Medical Records) as well as for patient education. Unlike older endoscope cameras, the DE1250 delivers these breakthrough capabilities - and much more - at a highly economical cost.

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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 running highly efficient image processing algorithms and by employing an advanced lens design.

Sophisticated image processing algorithms are ineffective without strong depth perception and a clear image. Firefly DE1250 is equipped with multi-layer glass lenses rather than basic alternatives, thus delivering superb focal depth and crystal clear images.

The DE1250 also leverages its advanced CPU to the fullest extent: Videos and images are transferred to the PC in real-time, up to 30 frames-per-second for a live viewing experience.

DE1250

Technical Details

Magnification	Native Optical: 15x – 35x Digital: 15x – 100x
Sensor Resolution	720 x 480
Lens Assembly	Dual Lenses, 3-Layer Glass F = 22mm
Video	Format: YUY2 Frame rate: 30 FPS
Video/Image Properties	Color: Hue, Saturation Exposure: Brightness, Contrast Image: Sharpness, Gamma
Image / Video Files	JPG / BMP / AVI
Wireless Link	4 Channels
Battery	Built-in 850mAH
Dimensions	11.5cm Length 3.6cm Rear Diameter 4.6cm Coupler Diameter
Interface	USB 2.0
Accessories	AC Battery Charger
Operating Systems	Win 8, Win 7, Vista and XP Mac OS-X 10.4 or higher
Software	Scalable Window, Zoom, Freeze, Resolution, Rotate, Flip Region of Interest (ROI)
Warranty	1 Year Limited Hardware Warranty



SOPHISTICATED SOFTWARE

DE1250 is controlled directly with the FireflyPro professional image processing software which is 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.

INCLUDES WIRELESS RECEIVER



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OPTIONAL TV KIT

Using the optional ES160 TV Kit, a standard LCD/LED TV can also be used to display images and videos being streamed from the DE1250.