

**Better Vision  
Better Results**

## **Firefly - DE1250**

### **Wireless Digital Endoscope Camera**



#### **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 diagnostic 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.

- **Completely wireless operation**
- **Captures snapshots & videos**
- **Compatible with rigid endoscopes and most flexible endoscopes**
- **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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## DE1250

### Technical Details

Magnification	Native Optical: 15x – 35x Digital: 15x – 100x
Sensor Resolution	720 x 480
Lens Assembly	Multi-Layer Glass Lenses 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	Windows 7, 8, 10 and 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, and manipulate images and videos in real time. Its intuitive interface empowers users to get right to work anytime and anywhere.



### 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.

### 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.

### INCLUDES WIRELESS RECEIVER



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