



One System...All the Features

- **Fiber Optic Tip Cooling Design**

The **SurgVIEW** Xenon Imaging System features a unique fiber tip cooling design that maintains a low temperature at the input end of the fiberoptic cable, extending the cable's lifetime.

- **A Universal C-Mount Camera Connector and Fiber Optic Cable**

The **SurgVIEW** Xenon Imaging System features a universal optical connector that permits the use of conventional rigid and some flexible endoscopes. The proprietary integrated single cable design eliminates the old dual cable system reducing clutter, complexity, and cost. The single cable design enables the user to simply plug-in and go.

- **Multiple Video Output Capability**

The **SurgVIEW** Xenon Imaging System features a 6.4 inch digital LCD display, NTSC and S-video outputs to drive external monitors or recording devices, a proprietary video output for our virtual reality digital video glasses. These multiple video outputs can all be operated simultaneously.

- **Virtual Reality Video Glasses (optional)**

The **SurgVIEW** Xenon Imaging System includes a special connector to power and feed digital video glasses. In situations where high ambient light is present, the video glasses provide a controlled viewing environment shown to be highly desirable in reducing eye and neck strain during laparoscopic procedures.

Huge Benefits in a Tiny Package

The **SurgVIEW** Xenon Imaging System combines four essential surgical and diagnostic requirements into a single package adding tremendous value to your clinical practice. This feature rich portable, comprehensive system includes:

- **Xenon Fiber Optic Light Source**

Our Xenon Arc lamp, with an enhanced custom reflector, delivers excellent illumination performance for outstanding image quality.

- **Proprietary High-Resolution Camera System**

The **SurgVIEW** camera is a high-resolution 480-line digital camera utilizing a universal C-mount optical connector that adapts to a wide variety of surgical endoscopes. Our system incorporates a proprietary single cable design, eliminating the complexity and cost of the old dual cable system approach.

- **Integrated Video Display with Multiple Outputs**

A high-resolution 6.4 inch digital LCD monitor combines the performances of the Xenon light source and high-resolution camera system with our unique integrated single cable system to deliver a brilliant, high resolution video image for clear detail recognition.

- **Built-in Media Capture and Storage**

Full video and still image capturing system with audio tagging capability. Compatible with practice management software operating on windows 2000 or windows XP.



Virtual reality glasses reduce eye and neck strain during laparoscopic procedures

- **Built-in Media capture and storage**

At any time during a procedure, the user can capture and store a high-resolution digital image to a hard drive or an inexpensive removable media card. This capability is especially useful for documenting medical procedures, allowing the practitioner to provide a more detailed and accurate record that includes time and date stamped pictures.

Mechanical

Size: 12"L X 8"W X 4" H
Weight: 10lbs

Electrical

Input voltage: 90-240VAC, 50-60Hz
Input current: 2.0A maximum.
Power connector: IEC 320
Classification: Class I equipment
Type B equipment
Mode of operation: Continuous
Fuse: 3.15A 250V Type F

Environmental

Operating altitude: -1000 to 12000 MSL.
Operating temperature: 0° C - 40° C
Operating humidity: 0%-90%, non-condensing
Storage temperature: 0° C - 50° C
Storage humidity: 0%-90% non-condensing

Video Display

Input video format: NTSC
Video output 1: NTSC, 75Ω, BNS connector
Video output 2: S-Video, 75Ω, 5-pin DIN connector
Video output 3: VR glasses, NTSC, 75Ω, 4-pin connector
Display type: LCD 16.25 cm (6.4 in) TFT, active matrix (960Hx 234V)

Light Source

Type: Xenon Arc
Lamp: BioVision Technologies BL35WXe

Image Capture

Storage media: Compact Flash
File format: JPEG
Image size: 640x480

Compatible Camera Attachments

BioVision Technologies: CM63-4.5
Needlescope: CMAR-01

Specifications subject to change without notice.