TrueVision™ is a new 3D HD, real-time vision system for microsurgery. It converts the stereoscopic optical image of the surgical microscope to a digital 3D HD image displayed on a screen or a monitor. It allows the surgeon and everyone in the operating room to see the same view.

About TrueVision™ 3DHD

• Provides excellent depth of field where other OR displays cannot
• Delivers three times the resolution and six times the clarity of standard-definition
• Widescreen image is a TrueView™ of the surgical field

The TrueVision™ Teaching Experience:

• Reduces learning curve for surgeons in training
• Primary surgeon can illustrate “teaching moments” during the procedures without compromising the sterile field
• Record and play back critical procedures in 3D HD
• The competitive advantage for surgical training programs.

In the Operating Room:

• Superior depth of field over the optical image
• Optimized instrument control and view due to larger screen format
• Improved OR “team” synergy from heads-up display format
• A TrueView™ of the surgical field

“I have performed over 10,000 surgeries on the eye, but using TrueVision was the first time I felt like I was actually in the eye while doing it!!”
— Dr. Stephen Weinstock, Ophthalmologist, Eye Institute of West Florida

TrueVision™ displays the surgical view in superior 3D HD clarity.
TrueVision™ consists of three components:

- Patented **Image Capture Module** in 3D HD easily attaches to surgical microscope
- **Image Processing Unit** processes and stores movies and snapshots
- **Image Display System** is a plug and play, portable cart

“The depth of field is equal to or better than through the oculars and I do not notice any latency between actions in the surgical field to the heads up display I am operating from.”
— Douglas Katsev, MD, Ophthalmologist, Sansum Clinic

**TrueVideo™ Revolutionary 3D HD Recording**

Record, edit and playback procedures at the touch of a button. Ideal for teaching and presentations. Document new approaches and procedures.

**Record**

- Record/Playback hours of stereoscopic HD content
- .AVI file format for portability
- Matches microscope’s field of view (FOV)

**Present**

- Playback using TrueVision™ Image Display System

**Plug and play**

- Built in and self contained
- One touch recording and playback
- No camera alignment or synchronization necessary

**Experience and communicate microsurgery in 3D HD.**

TrueVision™ Systems is pioneering the use of 3D HD digital imaging to transform stereomicroscopy in surgical and educational settings to provide better patient outcomes and improve surgical efficiencies.

Email info@truevisionsys.com or Call 805-963-9700
www.truevisionsys.com