



# EndoHub-1.0™

## HD Endoscopic Camera System

### System Controller, Capture-1.0

- > High Definition\*
- > Networked
- > Full Image Capture
- > Apple iPod® Support



### The World's First Integrated, Networked Endoscopic Camera System

The Capture-1.0™ camera system is an easy-to-use interface that offers image processing, live capture/display, USB/network storage and streaming. EndoHub™ allows user to quickly access system functionality such as live video recording, image capturing, printing, etc. via a single onscreen user interface. EndoHub™ also offers a progressive still capture system which minimizes movement artifacts and guarantees the highest quality image. Ideal for teaching or remote viewing, EndoHub™ offers Ethernet capabilities for networking access and video over IP EndoPresence™.

\* 720P and 1080P (16:9) DVI output only

Features and Specifications subject to change without notice. EH-041608

iPod is a registered trademark of Apple.

ML-EndoHubSystem-043009

#### Features:

- > Supports PC-Medical Acquire™ line of camera heads
- > Patent Pending proprietary system architecture and FPGA signal processing
- > DVI 480P, 720P and 1080P
- > Imaging optimized for new flat panel displays
- > Lowest cost camera with integrated capture system, networking and streaming video
- > "Smart stick" instant surgeon settings for camera and image capture functions
- > Linux based Operating System and applications
- > IR interface for user interface keyboard and remote control options
- > USB interface for Image Capture Mass Storage wired keyboard and printing
- > I/O: Digital outputs via DVI, analog NTSC and PAL, USB (3) and 10/100 Ethernet

#### System Display and Capture Specifications:

- > Progressive HD Digital DVI: 60fps 640x480P, 1280x720P, 1920x1080P
- > NTSC/60Hz and PAL/50 Hz (SW programmable)
- > Storage Capacity: 300 stills onboard flash, USB storage device capacity and up to networks limits
- > Operating Temperature: 10-45C
- > Still Resolution: Selectable 640x480, 800x600, 1024x768
- > Still Formats: Selectable JPEG, BMP
- > Network Streaming and Recording Formats:
- > MPEG1, 2 and 4 up to 720x480 Resolution

#### Certification:

Quality System Certifications:

PCM Quality System certified to EN/ISO 13485:2003 by TUV

Device Certifications:

FDA 510K approved, CE marked to MDD 93/42/EEC

EMC Standard EN 60601-1-2, RoHS Compliant

Safety Standards EN 60601-1, EN60601-2-18 by UL

