High Definition Digital Recording System

HDMD™

with Blu-ray Disc™ Technology

The Med X Change 2nd Generation HDMD™ is a custom built digital recording system which provides HD video recording and HD still image capture for the surgical environment. 100% MAC compatible video files is a core feature. Capture functions may be controlled via monitor, footswitch or Microscope Hand switch triggers. Images may be printed or stored to many forms of portable media or to a network server. The HDMD™ also integrates with a near infrared camera feed producing "video loops" into the microscope eyepiece for the surgeons review during the case.

Recording Capabilities

- Unique True Widescreen User Interface, for easy control of Surgical Documentation
- Captures HD Video from HD Microscopy Camera into AVCHD H.264 .mp4 OR VC1 .wmv (1280 x 720p or 1024 x 720p)
- Captures Still Images from Microscope Camera hand switch triggers Uncompressed BMP Images & Compressed JPEG Images
- Captures Standard Definition (NTSC & PAL) Video & Still Images
- Camera Switching – Switch between 4 video inputs (1HD)
- Audible Feedback – Confirms Pause, Record, and Still Capture

Apple iPad® Integration

- Copy videos and stills to a SD card and plug directly into an iPad® tablet

Storage

- Large Storage Capacity - 320GB Hard Drive. Approximately 50 hrs of HD Video
- Disk Management – Manage hard drive storage capacity and data
- Burn videos and still images to CD/DVD/USB/Network Storage Device
- Integrated Blu-ray Data Disc™ Burner. Burn HD videos and still images to a 25GB or 50GB Blu-ray Data Disc™ for transfer to your computer!

Setting & Displays

- Settings – Control over default values, text input and patient information
- User Friendly Interface controlled via Monitor, Keyboard/Mouse
- On-Screen Information Displays still images, video lengths and times
- On-Screen Keyboard – Makes starting a new operation simple
- Play back recorded video and still images

Printing

- Print still images to Sony Medical Grade Printers and other Microsoft Windows XP Compatible Printers including network printers

Post Production

- PowerPoint® - Recorded videos are ideal for PowerPoint®/Keynote® Presentations
- Windows® Editing - Edit with current software such as Adobe® Premiere®, Windows® Movie Maker®, Pinnacle™, Avid®, etc…
- Mac® Editing - Edit with Final Cut Pro®, QuickTime® or iMovie® WITHOUT CONVERTING VIDEO

DICOM

- DICOM Ready with ETIAM DICOM Izer™ application (purchased separately)
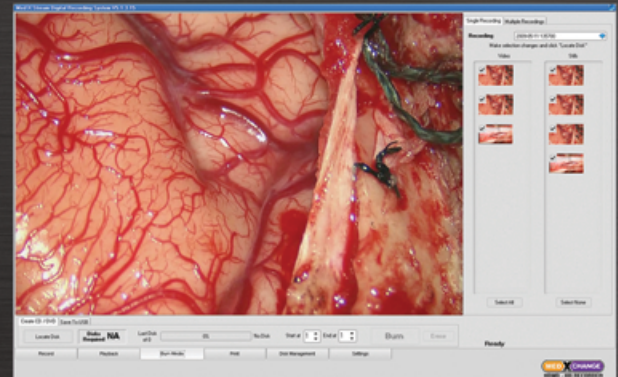- Still Image transfer

Specifications

- Approximate 4.3" (11cm) H x 7.9" (20cm) W x 9.8" (25cm) D - 6lbs (2.72kgs)
- CE, CAN/CSA C22.2 NO. 601.1
- 100-120VAC~/200-240VAC~ 3.4A, 47-63Hz, 18Vdc, 7.25A

Recording - Capture from 720p HD Video

Storage- Integrated Blu-ray Disc™ Burner

Manufactured by:

MED X CHANGE™

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