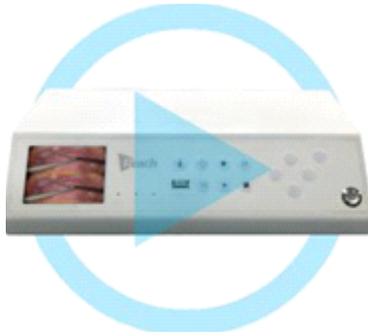# Medical Recording & Streaming System          MRS500

The MRS-500 Medical Recording & Streaming System is designed for capturing and sharing operating room and laboratory devices. It is an all-in-one solution for 3D/2D medical video recordings, compatible with major medical devices, such as Olympus, Viking, Storz, etc. The MRS500 supports the concurrent recording of video and audio signals, and streaming them to anywhere on your network. The MP4 videos can be previewed and played back through the LCD screen on the front panel, meanwhile your content is safely recorded to both the internal Hard Disk and a USB Drive. This makes it easy to save and share your content quickly.

## Key Features

- All-in-one recording device which provides live streaming as well as local and remote playback.
- Record and playback 3D stereoscopic video signals.
- Built-in LCD confidence preview monitor.
- Supports two 1080p signals, with multiple template options.
- Redundant recording to both the internal hard drive and a USB drive. Easy sharing by directly downloading to USB drive.
- All-in-one recording device, supports live streaming and simultaneous playback.

| Specifications | |
|---|---|
| System | Linux |
| Video Encoding | H.264 High Profile |
| Audio Encoding | AAC |
| Recording file format | MP4 |
| DVI IN interface | DVI compatible HDMI, Resolution:<br>**2D model:**<br>720p(g)50@60Hz, 10801(4)50(4)60Hz, 1080p@25(g)30(g)50@60Hz, 1024x768@60Hz, 1280x720@60Hz, 1280x1024@60Hz, 1366x768@60Hz, 1280x800@60Hz, 1440 x900@60Hz, 1400x 1050@60Hz, 1920 x 1080@60 Hz<br>**3D model:**<br>1080p@30@60Hz (Progressive) — STORZ |
| SDI IN interface: | Resolution<br>**2D model:**<br>720p(g)50@60Hz, 10801(4)50(4)60Hz, 1080p@.25(g)30(g)50@60Hz<br>**3D model (SDI 1+ SDI 2):**<br>1080i@50@60Hz, 1080p@25@30@50@60Hz |
| DVI out | 720p (1280x720), 1080p (1920x1080) |
| Storage | 1TB |
| File download | Download files to USB devices |
| Management | Front Panel key control and webpage control |
| Live stream and VOD | PC management to view live streams and VOD content. Local decoding to preview and playback |
| Dimensions I | 330mmx234mmx77mm (13"x9.21"x3.03") |
| Weight | 2.5kg (5.51lbs) |
| Power | 110-240V/0.3A, 65W |