

# AUDIO VIDEO RECORDING SOLUTION

## Lecture Recorder x2



**Lecture Recorder x2™** is an integrated hardware platform for recording and/or streaming presentations, events, lectures, marketing and training videos.

**Lecture Recorder x2** captures an HD video source such as computer with slides, and a camera with audio source focused on the presenter. Lecture Recorder x2 then streams the multimedia content to standard Internet browsers and media players. The streaming content can also be recorded to internal storage and network storage.

**Lecture Recorder x2** captures an HD video source (up to 1920×1200) channel from a VGA/DVI/HDMI display or camera, in parallel with an analog S-Video/Composite (PAL, NTSC) SD video source channel and a stereo/mono audio source.

### Key Features

- 1920×1200 VGA/DVI/HDMI video, analog video, 3.5mm line-in audio capture
- HD 1080p video capture at 30fps
- Supports MPEG4, H.264, MJPEG compression
- Records the input channel streams to internal storage, network storage, internal FTP server, external FTP site and/or local USB storage key.
- Controlled via web interface, iOS application, RS-232, HTTP API, mouse control, remote buttons

### Technical Specifications

<b>Interface</b>	RJ45 10/100 Ethernet (PoE – spec: IEEE 802.3af class 0)			
<b>Connectors</b>	Two DVI-I (DVI single link + analog), one S-Video connector One Ethernet connector RJ45 with PoE, two USB 2.0 ports Two 3.5mm stereo audio connectors (in and pass through out)			
<b>Video Codec</b>	H.264, MPEG-4, MOV, MJPEG			
<b>Streaming Protocols</b>	HTTP, RTP over RTSP, UDP, HTTP			
<b>Video Bit Rates</b>	100 – 9000 kbit/sec; Key Frames Interval: programmable			
<b>Supported Video Modes</b>	Up to 1920×1200. Custom VGA/DVI Modes			
<b>HD Video Format Options</b>	R, G, B plus separate HSync and VSync signals; R, G, B with Sync-on-Green synchronization; R, G, B plus CSYNC signal; DVI single link;			
<b>SD Video Format Options</b>	NTSC, PAL			
<b>Update Rate</b>	Typical frame rates under different conditions:			
	<b>Resolution</b>	<b>FPS</b>	<b>Resolution</b>	<b>FPS</b>
	640×480	30	1280×1024	30
	800×600	30	1920×1080	30
	1024×768	30	1920×1200	25
<b>Internal Storage Space</b>	16GB			
<b>Recorded File Format</b>	AVI, MOV			
<b>Video Filters</b>	Frame Timestamping, labeling, free form text, copyright notices. Graphical branding using XLST			
<b>Typical Player Applications</b>	MS Media Player, Quick Time, VLC, others			
<b>Access to Recorded Files</b>	Web, FTP, USB Key, automatic FTP upload, automatic RSYNC/CIFS synchronization			
<b>Dimensions</b>	7.95"×4.13"×1.38", 202×105×35 mm			

