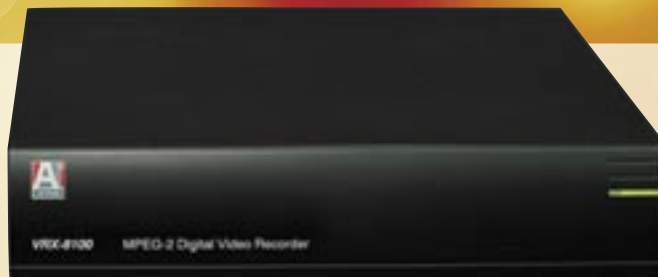




# VRX-8100

## MPEG-2 Media Network Appliance

- Video over-IP
- 4 record, 4 playback and 4 streaming channels per unit
- Storage up to 2 Terabytes

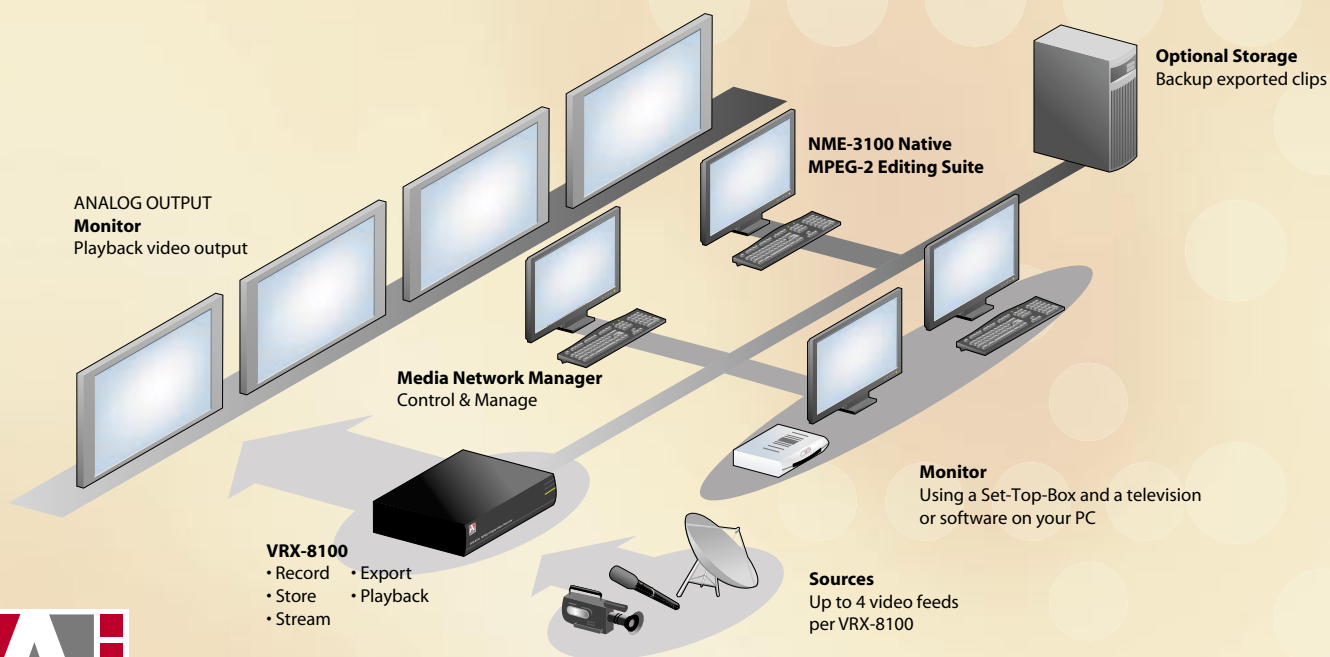


The VRX-8100 is a 4 channel MPEG-2 Media Network Appliance and streaming server offering multi-channel, high-quality, video recording, storage, playback and streaming functionality. All in one state-of-the-art solution.

The VRX is the foundation for all Ai-Pixel solutions. Offering high quality digital video and a multimedia asset repository that allows a company to control, and therefore profit from, the process of **capturing** multiple channels of DVD-quality video and CD-quality sound; **storing** up to 2 Terabytes

of MPEG-2 quality digital media assets; **delivering** multiple channels of DVD-quality video and multimedia assets over-IP and **managing, editing and viewing** the stored digital media either over the network or across the Internet.

This enables Ai-Pixel to offer organizations worldwide both an efficient and effective solution for Broadcast Logging, TV Commercial Logging, Video over-IP / Remote News Contribution and Dynamic Digital Signage.



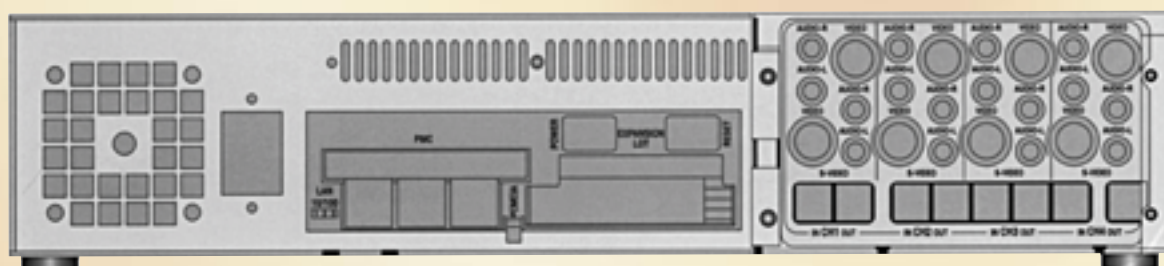
# VRX-8100

## MPEG-2 Media Network Appliance



### Technical Specifications

<b>MODEL NUMBER</b>	VRX-8100	<b>CONNECTIVITY</b>	
<b>VIDEO PROCESSING</b>		Network Interface	Ethernet 10/100BaseT via RJ-45 jack
Resolution	Full D1 resolution NTSC: 720 x 480 PAL: 720 x 576	Communications Protocol	TCP/UDP over-IP
Compression Method	MPEG-2 ISO 13818-2 Main Profile @ Main Level (MP@ML) 4:2:0 1 Mbps to 8 Mbps	Video Transport	File Transfer Protocol (FTP) for non-real-time remote video playback
Frame Rate	NTSC @ 30 fps PAL @ 25 fps	Video Streaming	4 simultaneous and independent unicast or multicast MPEG-2 transport stream over UDP multiplexing streams for live video viewing over the digital network connection
<b>INPUT/OUTPUT</b>		<b>STORAGE</b>	
Video Standards	NTSC, PAL	Recording duration	Over 45 hours @ DVD recording quality (per channel) Over 78 hours @ standard recording quality Over 184 hours @ transport recording quality Larger storage capacity available upon request
Video Input	4 Composite Terminals (BNC) 4 S-Video Terminals (4-pin Mini-DIN) 1V p-p, 75 Ohms	Network Storage	Manual or Automatic network archiving with optional fragmentation
Video Output	4 Composite Terminals (BNC) 4 S-Video Terminals (4-pin Mini-DIN) 1V p-p, 75 Ohms	<b>GENERAL</b>	
Audio Compression	MPEG-1 Layer II ISO 13818-3	Power Source	120V AC, 60Hz / 220V AC, 50 Hz
Audio Input	4 stereo Channels (2 RCA jacks per channel) 94 dB Dynamic Range	Power Consumption	<150W
Audio Sampling Resolution	18 bit	Ambient Operational Temp.	0C - 55C (32F - 131F)
Audio Sampling Frequency	32kHz, 44.1kHz, 48kHz	Relative Humidity	80% non condensing
		Dimensions	430x90x512 mm (16.93x3.54x20.16 inches)
		Weight	15 kg (33 lbs)



Industrial Digital Video Solutions

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