



## XT-BVL 5900 Broadcast Video Logger

Broadcasters need to capture their audio/video signals for all sorts of reasons. This could be to comply with government logging requirements, their own reference purposes, or for confidence records. Regardless of the driver, using tape-based recording is a cumbersome process that is time consuming, labour intensive, resource heavy and space hungry.

What's more, there is no certainty of success as tape failure is commonplace. The BVL-5900 Broadcast Video Logger addresses all the drawbacks of a VCR system by digitally automating the logging process. This in turn achieves the following benefits:

### No more analog Tape

The system can automatically capture up to 4 channels of video and audio simultaneously and encode the content into MPEG-2 at various bit rates in real-time.

### Huge space savings

Unprecedented local storage of up to 2 Terabytes per unit, resulting in up to 4 months of broadcast content.

### High quality re-purposing

24x7 high-reliability DVD-quality recordings, which means content is available for re-purposing without degradation of quality associated with the use of the 4 channels of the system.

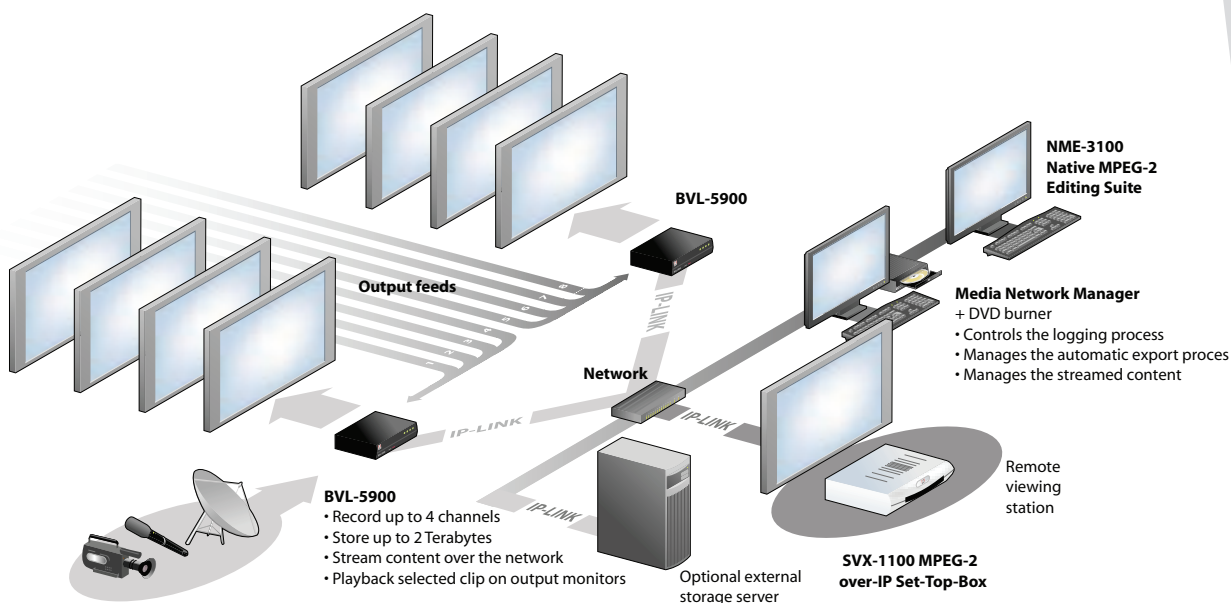
### Easy access and view

Stored content can be easily accessed over the network, edited and burned to DVD in minutes.

### Fast delivery

Alternatively recorded files can be viewed by streaming the content over the network for the ultimate in responsive customer service.

- ✓ Tapeless Archiving
- ✓ MPEG2 DVD Ready Files
- ✓ Internal and Remote Storage
- ✓ Easy to Manage



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## System Highlights:

### COMPLETE LOCAL AND REMOTE CONTENT MANAGEMENT

- Centralized or distributed management and archiving of video clips
- Pre-scheduled or on demand videos and information

### TAPELESS ARCHIVING

- Up to 2 Terabytes of storage space
- Up to 4 network-attached archive stations
- Automatic fragmentation of clips into predetermined size
- Automatic backup of clips with no user intervention
- Instant retrieval of logged clips for quick review

### MULTI-CHANNEL VIDEO AND AUDIO I/O

- Multi-channel logging, playback, streaming, and management
- Multi-site management
- 4 separate video-out to monitors
- 4 separate streams to the network for Video over-IP
- 4 separate video-in for live logging and playback
- Each channel is handled separately so no degradation in video/sound quality when all channels are in use

### HIGH-QUALITY MPEG-2 / DVD VIDEO

- MPEG-2 DVD-quality video and CD-quality audio
- Full motion video NTSC/PAL at 30/25 frames per second (fps)
- High picture quality with full Digital1 (D1) frame resolution
- MPEG-2 video compression bit rates of 1-8 Mbps (VRX-8100) or 1-15 Mbps (VRX-8300)

### SELF-CONTAINED SOLUTION

- Robust End-to-End Solution
- Dedicated, embedded System
- VxWorks™ Real-Time Operating System (RTOS)
- Dedicated individual encoding and decoding components
- Not based on a PC, but on dedicated hardware

### FULL DVR-FUNCTIONALITY

- Easy to use VCR-like functionality
- Full control over clip library: Play, Stop, Fast Forward, Rewind, Pause, Preview and Slow Motion Playback
- Manage clips, Search, Filter, Delete, Rename
- Export clips to native MPEG-2 editor for easy frame accurate editing

