VB7810

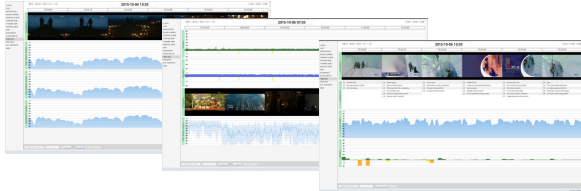## VideoBRIDGE Archive Lite

OVERVIEW

The VB7810 VideoBRIDGE Archive Lite is Sencore's answer to the growing need to monitor, archive and investigate the as-run status of video services. With increasing legal requirements for even small broadcasters to deliver captions and audio features for all customers and the necessity to prove what was broadcast, the VB7810 is the perfect tool for small service providers to meet these requirements.

By leveraging the best features of the VideoBRIDGE VB7880, VB-ARCHIVE and VBC products and coupling them together into an all-in-one server with hardware included, customers can quickly and easily put in place a system to meet the government requirements for safe harbor monitoring.

The VB7810 supports video thumbnail extraction for 10 services. It also includes closed caption extraction and alarming along with audio loudness analysis. All of these can then be automatically archived for long-term storage in a secure database and later retrieved for investigative and report reasons. With the intuitive timeline view, users can quickly and easily navigate through the archived content to find the exact time or content needed for analysis or reporting.

Users can navigate through the data at any point in the recorded archive, opening and collapsing data tracks, and zooming in to observe fine detail on all the visible tracks. The Timeline view shows content thumbnails, alarm markers and all the metrics familiar from the MediaWindow™ displays, making visual navigation through the data simple and efficient. Users can also drag and drop data tracks to group them in any order for convenience.

The Archive Server and Timeline functionality enables operators to go back and explore, understand, verify and document in complete detail what happened at any given time, or look for patterns over longer periods of time to identify and eliminate problems. Engineers can search through the chain of events that led up to service failures, and generate reports for remedial action or fulfilment of regulatory SLA obligations.

Customers will find that the Archive Server and Timeline capabilities greatly simplify detailed and comprehensive reporting for regulatory verification of closed caption compliance, audio loudness, RF quality and other parameters. These easy-to-use tools can be quickly added to any VideoBRIDGE monitoring system and subsequently function without further attention.

KEY FEATURES

- VideoBRIDGE hardware and software in an all-in-one, ready to use solution
- Extraction and archiving of up to 10 concurrent video services
- Real time closed caption extraction, alarming and archiving
- Audio loudness analysis and archiving
- Long-term archiving of video thumbnails, captions and audio loudness historical data
- Storage included for more than one year of archiving
- Intuitive Timeline view for easy navigation and retrieval of archived data
- View historical behaviors and see patterns over time
- Integration with RF and ASI interfaces is possible using other VideoBRIDGE probes
- Full Eii API interfacing to 3rd party systems
- Full support for MPEG-2, H.264 and H.265/HEVC decoding including SD to 4k resolutions
- Freeze frame detection and alarming
- Audio silence detection
- Searchable alarm lists
- Built-in web-based management
- IPv4 and IPv6 native support

APPLICATIONS

- Verification of legal compliance of closed caption data, audio loudness, and other parameters
- Responding to customer complaints or service failures
- Proof-of-run through various equipment systems

SPECIFICATIONS

GENERAL
1RU rackmount server with rails
4TB of storage
100/1G/10G RJ45 port for IPTV/OTT video input
100/1G/10G RJ45 port for management

ENVIRONMENTAL
Operating temperature: 5°C to 35°C
Storage temperature: -40°C to 60°C
Operating humidity: 8% to 90% non-condensing
Storage humidity: 5% to 95% non-condensing

POWER SUPPLY REQUIREMENTS
400W hot-swappable redundant power supply
100-240V, 50-60Hz, 3-6A

MECHANICAL SPECIFICATIONS
Standard 19" 1RU rack-mount
W x H x D: 19.85 x 1.7 x 17.2 in. (503 x 43 x 437 mm)
Weight: 19.9 lbs (9 kg)

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