



Visit Fast Forward Video at the 2009 NAB Show, Booth N2819

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For Immediate Release

Fast Forward Video Extends Elite HD Camera-Mounted DVR With Powerful New Capabilities

New Features Include RS422 Machine Control and Transcoding of J2K Files to Support Seamless HD Workflows

IRVINE, Calif. — March 31, 2009 — At the 2009 NAB Show, Fast Forward Video (FFV) will unveil a robust new set of capabilities for its recently launched Elite HD camera-mounted digital video recorder (DVR) and player. As the first camera-mounted DVR and player to harness the JPEG 2000 (J2K) compression codec for recording HD-SDI video signals, the Elite HD is now the most feature-rich solution giving field producers and others even more power and flexibility for recording high-quality video from HD-SDI cameras, while reducing the costs of storage media.

One key feature is the addition of the RS422 machine control option, which enhances the Elite HD as a standalone, single-channel DVR with record and playback capabilities. With the RS422 option, operators can connect the Elite HD with a standard machine controller (i.e. Buf Technology, Hi-Tech Systems, or DNF) via a DB9 connector. This extends the Elite HD's functionality beyond the basic acquisition DVR controls of play, stop, record, and rewind, to more elaborate operations such as cueing, slow motion play, speed control, and reverse play. Via a remote machine controller, operators can build playlists and use the Elite HD as a playout device in a range of situations such as video assist, sports, or live events.

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“All the broadcaster needs to add is a controller thereby increasing the feature-set of the Elite HD to a full-blown DVR solution,” said Harry Glass, vice president of sales of FFV.

In addition, the Elite HD now includes J2K transcoding capabilities that allow the system to apply a wrapper to the J2K file within the Elite HD, giving a seamless file transfer to a nonlinear editing system. By working with the original J2K file in the editing process, operators can ensure the higher-quality output with reduced artifacts that J2K compression is known for. The Elite HD also includes the ability to record onto hot-swappable SATA HDD or SSD drives to meet even the most demanding storage requirements.

Designed to mount on the back of a camcorder, the Elite HD accepts an incoming HD-SDI video signal with up to eight channels of embedded audio, and uses J2K to record at data rates up to 100 Mbit/s with virtually no loss in signal quality. Video is stored to an off-the-shelf, hot-swappable 2.5-inch SATA HDD or SSD drive, which provides up to ten times more storage at a greatly reduced cost. In addition, the Elite HD integrates into a file-based workflow — Superior Workflow Technology (SWiFT). With its modular design, the user can easily detach the drive from the camcorder and connect it directly to a nonlinear editing system or media asset management system via a USB cable. FFV will demonstrate its SWiFT concept of HD editing workflow in seamless acquisition, transfer, editing, and playback at its booth, N2819 at the 2009 NAB Show.

“As the first camera-mounted DVR to harness the power of J2K, the Elite HD sets a new standard for HD-SDI recording and playback by solving the dual problems of quality and high storage media costs. Now, the new capabilities make this already-compact and easy-to-use solution even more powerful and indispensable for HD production,” Glass added.

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About Fast Forward Video

Fast Forward Video designs, manufactures, and markets digital video recorders, board-level solutions, and time code generator/readers for professional broadcast, presentation, industrial, and military applications worldwide. Founded in 1985, the company was the first to incorporate digital computer technology, including random-access disk storage and data-compression capabilities, into professional video products. Today the company provides video technology solutions to a wide range of markets. Additional information is available at www.ffv.com.

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