

New Products

DV Tape

Panasonic Broadcast has announced the availability of its Advanced Master Quality (AMQ) professional DV tape series. The new 6.35mm metal evaporative tape provides performance for DVCAM, DV SP, and DV LP recording. The AMQ series offers advancements in regard to dropouts, clogging, and still image playback. A newly developed robust dry-type lubricant and a durable diamond-like carbon (DLC) film with extra thickness dramatically boost durability during still image playback and significantly extends VTR head life. These advanced production technologies allow the AMQ tape to stand up to the repeated rewinding, fast-forwarding, and playback typical of professional editing. The series offers a new surface treatment process (Super Advanced Metal Evaporation (SAME) for improved magnetic density and an increased output level of +1.2 dB, resulting in a more precise and secure recording.

Media Player

JVC Professional Products Co. has introduced the SRDVD-100U, ProHD media player. The SRDVD-100U utilizes a standard red laser DVD player combined with a decoding engine compatible with several popular HD file formats. It comes equipped with a standard RJ-45 jack for IP network connectivity that allows for network file playback. It is Windows Media Video (WMV9) compatible, which offers higher compression levels and provides longer recording times on DVDs. Additional features include a DVI output connector with HDCP compliance and component analog outputs for 780p/1080i. In addition, users can play standard definition DVDs with the player's ability to upconvert them to HD for the highest image quality viewing experience.

Reference Monitor

JVC has also introduced the DLA-HRM1, reference monitor that utilizes 3-chip Direct Drive Image Light Amplifier (D-ILA) technology, packing 1920 x 1080 pixels. It offers a contrast ratio of 3000:1, high-resolution, and antireflective nonglare screen. The monitor is lightweight and measures 30 in. deep, making it extremely transportable. The DLA-HRM1 features 170 cd/m² (50 ft.L), with an optional brightness adjust option that allows for brightness calibration. It accepts a wide variety of computer signals and digital video inputs, including dual-link HD-SDI (SMPTE 372), HD-SDI (SMPTE 292), SDI, DVI, and HDMI and analog inputs that include a wide selection of computer resolutions, component, S-Video, and composite.

Storage System

Avid Technology, Inc., has announced Avid Unity MediaNetwork 4.0, the latest version of its shared-storage system. The system supports a broad range of media types, including mastering-quality Avid DNxHD and uncompressed HD and is built around Avid's robust MEDIArray Z x 4 hardware. Highlights of 4.0 include support for up to 20 TB, providing an extremely scalable shared-storage architecture for post-production environments, with multiple editors connected simultaneously and sharing media in realtime; support for high-resolution, high-bandwidth media, allowing professionals to work with multiple streams of media in all resolutions from DV to uncompressed HD, including mastering-quality Avid DNxHD encoded media; open connectivity framework, supporting a mix of Mac and PC clients for realtime collaboration throughout the entire facility; and multiple levels of redundancy.

Turnkey NLE Systems

Leitch Technology Corp. has announced new turnkey configurations of the VelocityHD and VelocityQ nonlinear editing (NLE) solutions. The systems feature Intel Xeon processors, and an optional rack kit is available for rackmount applications such as mobile trucks and tight-fitting studio environments. Both are available with or without video media storage. A wide range of storage capacities and configuration options are available, featuring the Ciprico Huge Systems MediaVault line of high-performance storage arrays. VelocityHD/SD NLE combines the Altitude hardware platform with Velocity software interfacing, and VelocityQ combines the Velocity software with the Quattrus multistream, realtime nonlinear editing hardware.

Video Analysis System

Video Clarity, Inc., has announced the ClearView Video Analysis System for objective and subjective video analysis. ClearView enables the capture and playout of 100% uncompressed and compressed digital video. Two video sequences can play side by side (or over/under) on the same video display. View compression results side by side with its original source; view seamless-split, split-mirror (butterfly), or even A-B (source minus result) modes; zoom/pan, jog/shuttle, and look at video pixel by pixel. ClearView supports industry standard and nonindustry standard hardware interfaces, including SD-SDI, HD-SDI (single and dual-link), HD and SD component analog, DVI digital, up to 30 bits of parallel digital video, DVB/SPI, and DVB/ASI. The system can load most video file formats, including QuickTime and Cineon/DPX, to MPEG-2 TS, H.264, VC-1, to raw/headerless files (.raw .hdr).

Avid, www.avid.com

JVC, www.jvc.com/pro

Leitch, www.leitch.com

Panasonic, www.panasonic.com/broadcast

Video Clarity Inc., www.videoclarity.com