

# New Products

## Broadcasting Equipment

Evertz Microsystems has released new products for production, post-production, and broadcast facilities. The **F9-2410MD monitoring downconverter** uses the full resolution digital data output from a camera, to provide full-image downconverted composite analog outputs for local remote monitoring. The rugged lightweight camera attaches to the rear of an HDCAM and has an integrated battery mount for easy installation and use. It is available in several versions that provide various complements of analog and digital downconverted outputs as well as HD SDI outputs.

The **HD9025TR encoder** provides high-definition film footage and simplifies film-to-tape transfers for high-definition video. Controlled by the KeyLog Tracker software, the HD9025TR enables seamless integration of video and audio timecodes, film key code and production information whether transferring to 24, 25, or 30 frames/sec high-definition video.

The **7765AVM-4 SDI and 7761AVM-DC monitoring cards**: The AVM-4 SDI can simultaneously display four individual video SDI (601) signals through tan HD, SD, composite analog, or VGA output supporting 4:3 and 16:9 aspect ratios. It offers remote monitoring, control, and configuration capabilities via simple network management protocol (SNMP). The 7761-AVM-DC is a dual-channel composite analog video and audio monitoring card, designed to meet the monitoring requirements of



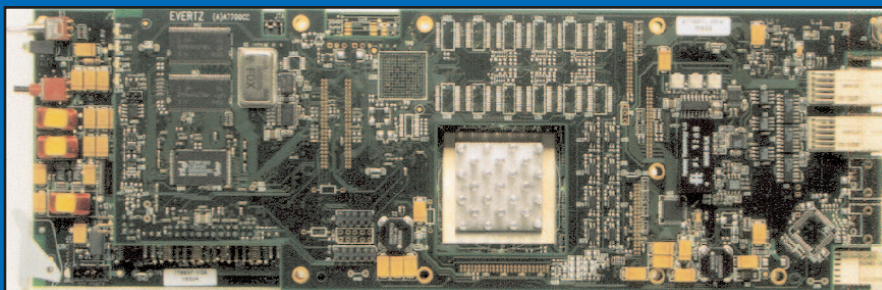
The ARC 20:20 aspect ratio converter.



The Alchemist Platinum upconverter.



The HD9025TR encoder.



The 7765AVM-4 monitoring card.

broadcasters who are in the midst of transitioning to a digital infrastructure, by performing a number of quality-control and monitoring functions.

The **7707 fiber optic conversion cards** clearly give indication and preventive warning of impending failure by providing the following: built-in optical power monitoring on all optical receiver cards, built-in error detection and handling (EDH) data integrity checking, and automatic changeover switching on every optical receiver card.

## Camera

ParkerVision has introduced the **Digital CameraMan 3-CCD** robotic pan/tilt camera, a high-quality, compact digital camera/robotics/lens package available in fixed 4:3 aspect ratio and 4:3/16:9 switchable versions. It features three supersensitive CCD's, 380,000

effective picture elements, horizontal resolution of 850 TV lines, 65-dB SNR ratio, SMPTE 259M component SDI video output, and an 18 x 6.7mm lens, making it suitable for a wide range of professional uses under varying lighting conditions.

## Converter/Upconverter

New from Snell & Wilcox is the **ARC 20:20** variable-aspect ratio converter, for applications that require pristine ratio conversion with minimal delay, such as high-end post-production and broadcast environments. It is a 10-bit, bidirectional, broadcast-quality instrument that includes high-quality vertical-temporal filtering.

The **Alchemist Platinum**, a motion-compensated, frame-rate converting upconverter utilizes Ph.C technology and offers

improved resolution, lower artifact levels, and noticeable improvement in picture fidelity. The unit also offers an option for high-definition upconversion.

Snell and Wilcox has also introduced a new **upconversion module** to its System HD family of modular high-definition products. The new system provides conversion from 525/625 standard-definition to 720p/1080i high-definition formats, with 2:2 and 3:2 film processing.

## Encoder

New research by Philips Digital Networks has facilitated design of the new **GoldLine Pro** program encoder series. This series of ClearView encoders uses technology that incorporates a new motion vector interweaving (MVI) algorithm. Top-quality images and bandwidth performance in constant and variable bit rate of encoded digital feeds are achieved with the new technology, improving the compression efficiency by as much as 15%.

## ENG System

Tandberg Television has introduced the **Voyager Lite** backpack ENG system, a D-ENG solution designed for wireless cameras. It incorporates high-quality video encoding with an integrated DVB-T modulator/upconverter, providing 2.4-GHz RF output. The entire unit fits neatly in a small pack and is carried on the cameraman's back. Once attached to a wireless ENG camera, Voyager Lite turns the cameraman into a moving broadcast station.

## Fiber Optic Solution

Network Solutions U.S., Inc., has unveiled its **Flashlink** product line solution for transmitting broadcast and telco standard solutions. Flashlink meets current and future bandwidth needs for broadcast and

telecom signal distribution through optical signal distribution and multiplexing. Flashlink is unique in its ability to support multiple formats, including SDL, DVB-ASI, SDTI, SMPTE 310M, HDTV, and M2S within the same equipment, and also transport 1 to 40 uncompressed SDI channels with eight channels of audio per channel on a single mode fiber.

## Film

Kodak has introduced a new color intermediate film, **5242/7242**, designed to replicate more faithfully the quality of images captured on the original negative. The film is available on either an acetate or a more rugged Estar (2242-3342) base in 35mm, 16mm, and 65mm formats. The Estar version features a patented non-remjet base with a process-surviving anti-static layer similar to the base technology developed for Kodak's color print film.

## HDTV Monitor

Astro Systems has released a new 15-in., high-definition LCD monitor, the **DM-3002**, supporting nearly every HD format in use. It is equipped with HD SDI inputs and outputs with optional component analog or DI interfaces. It features several adjustment functions such as color, contrast, brightness, enhance, hue and gamma, and a two-channel tally input. The on-screen menu makes it easy to use, and its high-contrast screen produces an accurate and bright image.

## Projector

Dukane has introduced the **ImagePro 9115** data/video projector, featuring new LCOS image-forming elements. The ImagePro is 1500 lumens and weighs 121 lbs. The 0.9-in. LCOS chips contain mirror-backed LCD elements locat-

ed on silicon substrate. The silicon has all the electronics buried in its structure, permitting a higher aperture ratio and providing an image that is free of pixel lines. The projector can display video signals that are in the composite, S-video, and component form.

## Video Recorder

New from Panasonic is the **DMR-T2020**, a DVD-R/DVD-RAM video recorder that can record realtime, broadcast-quality MPEG-2 digital video onto a removable disc. Once recorded, the video is instantly accessible and ready to view without having to search, rewind, or fast-forward. The recorder allows users to make repeated recordings onto DVD-RAM discs and one-time-only recordings onto DVD-R (4.7GB/DVD-R for General Ver. 2.0) discs.

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