

New Products

Adapter

Telemetrics, Inc., has introduced the **BOA** (break out adapter), which features industry standard connectors for camera, monitor, teleprompter, microphone, pan/tilt mechanism, headset/intercom, and a light. The single coax cable connection provided from BOA eliminates the need for multiple cables, video equalizers, frame synchronizers, intercom adapters, microphone phantom power, and remote power supplies. The adapter can be used as a standalone unit at the camera site or in a dual rackmount configuration using optional brackets.

Display Processor

RGB Spectrum has announced the **4View** display processor that takes four video inputs and displays them in quadrants on a monitor, flat panel, or projection screen. It allows all four video inputs to be displayed at full resolution on a 1280 x 1024 pixel screen, providing much higher visual quality. Other applications for the product include video monitoring, surveillance, and distance learning. Display modes include four inputs in quadrants or full screen display of any input. Features include titling, borders, and both front panel and RS-232 control. Other options include an auxiliary video rate output and an optional DVI digital output, as well as the primary high-resolution RGB display.

Media Asset Management System

Zytech Systems Corp. has released **MetaVault**, a fully integrated media asset management system. It features a comprehensive database for media content storage and search and retrieval with separate yet integrated tables for title elements. As a scalable integrated solution for storage and movement tracking, MetaVault is capable of running multiple integrated storage and/or production facilities without geographical limitation. Internal inventory functions such as radio frequency or PC-based picking, packing and cycle counting, internal

movement, and shelf relocation make media content management simple and efficient.

Multiplexer

Telecast Fiber Systems Inc. has announced the **Copperhead**, a fiber-optic ENG/SNG camera-mounted multiplexer for remote ENG and SNG television production. The system uses a single optical fiber to carry all the bidirectional signals to and from the camera, including program video and audio, return video and audio, intercom, black burst, tally, and camera control data. The Copperhead's lightweight tactical fiber cable increases camera to vehicle distance, decreases cable weight, reduces labor and setup time, and eliminates grounding problems and signal interference.

Optical Printer

Cineric Inc. has introduced a high-tech service for restoring, preserving, and making optical blowups of 8mm and super-8mm films. The company has developed an optical printer that employs the most advanced, full-immersion, wet gate technology used by professional motion picture laboratories for eliminating scratches, digs and other artifacts from damaged film. During the optical process, the damaged film is optically copied onto a duplicate negative. The wet gate masks the scratches or other damage so it isn't apparent on the duplicate negative.

Data/Video Projector

Dukane Corp. introduced the **ImagePro 8900**, an XGA projector with the ability to do SXGA. The ImagePro 8900 reproduces data with razor sharp accuracy and generates video images containing lifelike color and detail. Unique features include a high-performance powered optical zoom lens and focus, an air mouse, and a laser pointer built into the remote control. Additionally, it has dual inputs and outputs for computer sources, picture-in-picture, built-in stereo speakers, and is fully compati-



ImagePro 8900 projector from Dukane Corp.

ble with all Pentiums, Macs, and workstations offering true Plug and Play operation. Three polysilicon panels along with the 190-W UHB lamp provide 2200 lumens of on-screen projection with a contrast of greater than 200:1. The unit features electronic keystone adjustment of ± 15 degrees, digital picture-in-picture, a powered optical zoom lens system to project an image size from 23 to 245 in., and XGA resolution of 1024 x 768. At under 14 lb, ImagePro 8900 goes anywhere for effective presentations, classroom training, or professional meetings.

HDTV Videotape

Maxell Corp. has introduced HDCAM videocassettes featuring recording density 1.4 times greater than digital Betacam for superior digital ENG/EFP and video archiving performance. The videocassettes employ fine 0.1- μm Ceramic Armor Metal particles and unique multiorientation technology to effectively utilize their high magnetic energy and achieve high output and low noise characteristics. A low error rate is also achieved with superior C/N characteristics. The videocassettes also feature an improved coating layer strength that provides reliability and durability in handling the extreme environmental conditions of ENG/EFP recordings and editing operations where long-term still modes are frequently used.

Synchronizer

Prime Image has announced the **D1 SNYC+** frame synchronizer with serial digital interface and full proc amp controls. The device fits into a standard rack, occupying a 1U (1.75-in.)

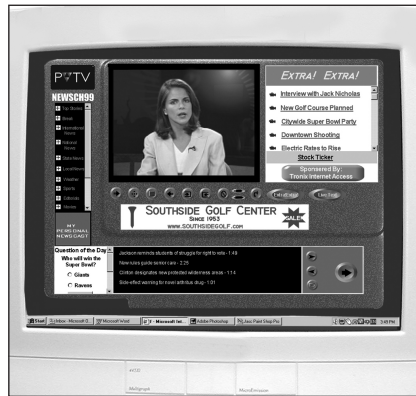


The D1 SYNC+ synchronizer from Prime Image.

space. Operational control is from the faceplate, or with optional rackmounted or handheld remote controls. Video is fed into the unit through a serial digital interface and distributed through four serial digital interface outputs. D1 SYNC+ automatically selects for 525 or 625 format. Controls include video, color, and set-up levels; hue; and a freeze selector that lets the user choose field one, field two, or frame.

Webstation

ParkerVision has announced the **PVTV Webstation for News**. Using this product, producers can automatically create broadcast and internet versions of the same newscast. The internet version can contain "bonus material," much like DVD often includes a film's out-takes or inter-



ParkerVision's Webstation for News PC Monitoring.

views with key cast and crew members. PVTV can be utilized in two configurations: integrated with ParkerVision's PVTV Studio News, to maximize the level of streaming automation; or as a standalone system for streaming program output from standard production systems. Webstation integrated with PVTV Studio News requires only one production employee to handle the jobs of up to nine crewmembers, allowing broadcasters to reallocate personnel to more critical and profitable station responsibilities.

Cineric Inc., 630 Ninth Ave., New York, NY 10036; tel: (212) 586-4822; fax: (212) 582-3744

Dukane Corp., 2900 Dukane Dr., St. Charles, IL, 60174; tel: (630) 584-2300; fax: 630-584-5156

Maxell Corporation of America, 22-08 Route 208, Fair Lawn, NJ 07410; fax: (201) 796-8790

ParkerVision, Inc., 8493 Baymead-ows Way, Jacksonville, FL 32256; tel: (800) 532-8034; fax: (904) 731-0958; e-mail: cameraman@parkervision.com; website: www.parkervision.com

Prime Image, 662 Giguere Ct., #C, San Jose, CA 95133; tel: (408) 867-6519; fax: (408) 926-7294; e-mail: primeimagein@earthlink.net; website: www.primeimageinc.com

RGB Spectrum, 950 Marina Village Pkwy., Alameda, CA 94501; tel: (510) 814-7000; fax: (510) 814-7026; website: www.rgb.com

Telemetrics Inc., 6 Leighton Place, Mahwah, NJ 07430; tel: (201) 848-9818; fax: (201) 848-9819; website: www.telemetricsinc.com

Xytech Systems Corp., 3500 N. San Fernando Blvd., Burbank, CA 91505; tel: (818) 767-7400; fax: (818) 767-7430; e-mail: hheinsohn@xytechsystems.com; website: www.xytechsystems.com

Books, Booklets, and Brochures

SMPTÉ NOW STOCKS THESE RECENT TITLES:

Hollywood's Conversion of All Production to Color Using Eastman Color Professional Motion Picture Films by John Waner is relatively non-technical and somewhat autobiographical. The history, beginning in 1947, briefly discusses Kodak's ongoing research programs for the production of color motion pictures in three-color photography. It discusses the progress of the specially designed color print film for use by Technicolor and introduces the color negative into this program, followed by discussion of the design and development of the films necessary to duplicate the color negative—all of which became known as Eastman Color Motion Picture Films. Stories include the

introduction of these films to the trade and installation at laboratories, including each of the Hollywood 35mm motion picture laboratories. The background of the sales and service of Eastman's motion picture films, related use items, and a calendar of improvements of these films are detailed. Over 150 illustrations are included.

Producing and Directing the Short film and Video, Second Edition by Peter Rea and David K. Irving clearly illustrates all the steps involved in pre-production, production, post-production, and distribution. Its two-fold approach looks at filmmaking from the perspective of both producer and director, and explains how their separate energies must combine to create a successful short film or video—all the way from script to final product. This

guide offers extensive examples from two award-winning short narrative films (*Lunch Date* and *Truman*) and one short documentary (*Mirror, Mirror*), and includes insightful quotes from the filmmakers, describing the problems they encountered and how they solved them.

Video Compression Demystified by Peter Symes addresses the major compression standards—JPEG, MPEG-2, etc., starting with the very basics and then dealing with compression tools, performance considerations, transmissions/storage quality, transport schemes, and audio considerations. While discussing these issues and the popular applications they make possible, the book also provides a full troubleshooting program for compression-related bugs and problems. It