

keying, side-by-side comparison, letter boxing, wipes, fades, character generator for slates, safe area/safe title, and center graticule and cursors. The product consists of a IRU frame with front panel control and has an available remote control panel. A standard Windows 95 application is included to provide full-control and configuration capability thus removing the requirement to add any additional control panel to the already space constrained console.

Lens

The 12 x 5.3 AIF high-resolution (HR) wide super zoom lens from Angenieux combines F5.3 wide-angle capability with a 12x zoom range of F5.3 to F64 mm. Zoom range can be extended to F128 mm with the use of a standard 2x range extender. The lens also feature an aperture of F1.7 and is compatible with 2/3 in., digital 16/9 format cameras.

Modulator

Zenith Electronics Corp., has announced the availability of the **DTV Broadcast Modulator**. The modulator, which creates an 8-VSB trellis coded signal from an ATSC MPEG-2 encoded bitstream, was designed to provide efficient DTV transmission. The modulated signal uses a standard 44-MHz intermediate frequency (IF) output that can be upconverted to the desired channel and used by any digital transmitter for terrestrial broadcast. The IF output can also be used by standard cable upconverters for private network applications, including testing and development for ATSC compliant receivers. The modulator offers enhanced features for linear and nonlinear pre-correction for amplitude and phase errors common in high-power transmitters.

Routers

The **540 Mbits/sec SDI link** from Gennum Inc., supports several emerging applications including interconnect for 4:2:2 525p/625p video formats; higher payload link for Serial Data Transport Interface (SDTi) packetized interconnect including "lossless" compression HDTV signals, and twice realtime transfers of 4:2:2 uncompressed video. The product accomplishes this without requiring the studio to install new cable of expensive fiber infrastructure. Since this product operates at all digital video rates from 143 Mbits/sec up to 540 Mbits/sec, equipment designed for 540 Mbits/sec will be fully backwards compatible with older equipment.

Gennum Corp., has also announced the **GS1504 HDTV Cable Equalizer** and the **GS1508 HDTV Cable Driver**. The GS1504 was designed to provide cable equalization for 1.485 Gbit/sec HDTV video signals. Fully compliant with SMPTE 292M serial digital video signals,

the GS1504's differential serial outputs are designed to drive 50-ohm loads and is capable of equalizing well over 150 m of Belden 1694 or 100 m of Belden 8281. The cable equalizer is suitable for implementing coaxial receiving interfaces for HDTV broadcast production equipment such as routers, distribution amplifiers, production switchers, and other receiving equipment.

The GS 1508 was deigned to provide one differential output pair to drive two 75-ohm coaxial cables at 1.485 Gbits/sec and is also compatible with SMPTE 292M.

For further information regarding the new products and developments listed in this section, contact the companies directly at the addresses listed below:

Angenieux, 42570 Saint-Heand, France, tel: 33 (0) 477 90 78 00, fax: 33 (0) 477 90 78 03, e-mail: angenieux@calva.net, Internet: <http://www.angenieux.com>.

Cartoni USA, 2755 Alamo St., Ste. 103, Simi Valley, CA 93065, tel: (805) 520-6086, fax: (805) 520-6949, e-mail: cartoniusa@aol.com.

Eastman Kodak Co., 6700 Santa Monica Blvd., Hollywood, CA 90038, tel: (213) 464-6131, Internet: <http://www.kodak.com/go/motion>.

Evertz Microsystems Ltd., 3465 Mainway, Burlington, Ont., Canada, L7M 1A9, tel: (905) 335-3700, fax: (905) 335-3573, e-mail: sales@evertz.com, Internet: <http://www.evertz.com>.

Gennum Corp., 970 Fraser Dr., Burlington, Ont., Canada L7L 5P5, tel: (905) 632-2996, fax: (905) 632-5946, e-mail: info@gennum.com, Internet: <http://www.gennum.com>.

Logic Innovations, 6205 Lusk Blvd., San Diego, CA 92121-2731, tel: (619) 455-7200, fax: (619) 455-7273, Internet: <http://www.logici.com>.

MetaWave, 11 Kingsclere Pk., Kingsclere, Hampshire, RG20 4SW, UK, tel: +44 1635 299000 fax: +44 1635 299299, Internet: <http://www.metawave.co.uk>.

Telect, 2111 N. Molter Rd., P.O. Box 665, Liberty Lake, WA 99019-0665, tel: (509) 926-6000, fax: (509) 926-8915, e-mail: getinfo@telect.com, Internet: <http://telect.com>.

Tiernan Communications, Inc., 5751 Copley Dr., San Diego, CA 92111, tel: (619) 587-0252, fax: (619) 587-0257, e-mail: info@tiernan.com, Internet: <http://www.tiernan.com>.

Zenith Electronics Corp., 1000 Milwaukee Ave., Glenview, IL 60025, tel: (847) 391-8181, fax: (847) 391-8334.

Calendar

SMPTE Activities

PASADENA, CA—140th SMPTE Technical Conference & Exhibit, Pasadena Convention Center, *October 28-31, 1998*

ORLANDO, FL—33rd SMPTE Advanced Motion Imaging Conference, Omni Rosen Hotel, *February 25-27, 1999*

SYDNEY, AUSTRALIA—SMPTE '99, *July 13-16, 1999*

NEW YORK, NY—141st SMPTE Technical Conference & Exhibit, *November 19-22, 1999*

For more information on these and other SMPTE activities contact SMPTE Headquarters: (914) 761-1100, Fax: (914) 761-3115

August

The Illuminating Engineering Society of North America Annual Conference, San Antonio, Texas. Info: Valerie Landers, IESNA, 120 Wall St., 17th Fl., New York, NY 10005-4001, <http://www.iesna.org>, *August 10-12, 1998*

September

International Broadcasting Convention Ltd., RAI International Exhibition and Congress Centre, Amsterdam U.K. Info: IBC Office, Savoy Place, London WC2R 0BL, U.K., tel: 44 0 171 240 3839, fax: 44 0 171 240 3724, e-mail: show@ibc.org.uk, Internet: <http://www.ibc.org.uk/ibc/>, *September 11-15, 1998*.

October

Rocky Mountain Film and Video Expo, John Q. Hammons Convention Center, Denver, CO. Info: Mark Cramer, ExpoMasters, Inc., 7632 E. Costilla Ave., Englewood, CO, 80112, *October 14-15, 1998*

June 1999

TV Montreux 1999 International Television Symposium and Technical Exhibition, Montreux Switzerland. Info: Montreux International Television Symposium and Technical Exhibition, P.O. Box 1451, Rue du Theatre 5, CH-1820 Montreux, tel: +41 21 963 32 20, fax: +41 21 963 88 51, e-mail: mesage@symposia.ch, Internet: <http://www.montreux.ch/symposia>, *June 10-15, 1999*