

New Products

Audio Production

Klotz Digital has announced the following products for use in multimedia production: The **Vadis 880 audio/media platform** provides a unique and efficient approach to audio routing, fiber-optic distribution, format conversion, including a wide range of DSP functions and machine control. Multiple control locations can share sources, area-wide logic control, signal routing, splitting, and more. Applications for the Vadis 880 include music studio recording, feature film score mixing, sound reinforcement within concert venues, television and radio studios, satellite television networks, and audio networks for public address systems.

The new PC based **X4P network subscriber** provides a secure private network (SPN) via the internet to distribute audio signals as well as graphics or video images. The X4P can access media data stored on servers in an SPN. Audio and multimedia contents are coded with MPEG-4/AAC algorithms and stored on servers, ready for down-

loading from authorized users. The XP4 network scrambles the signal, enabling pre-listening at lower quality levels and ensuring secure transmission through the internet.

An eight-fader version of Klotz's **Paradigm digital audio console** is also available. It includes voice processing and three-band EQ on all mic inputs; sample rate converters on all digital line inputs; machine control on all line inputs; mode, pan, and phase reverse on all inputs; six faders with A/B switching and two faders with analog/digital six-source selectors. The LCD flat-panel screen displays a large time of day clock; event timer and intuitive; and central control for console setup.

Cameras

Nikon has introduced the **Coolpix 880** digital camera. Extensive new features guarantee high performance and ease of use for both business and personal applications. Coolpix 880 features the simplicity of a point-and-shoot camera, but includes a manual mode for more advanced photographers and allows

users to shoot up to a 40-sec QuickTime video file. To streamline operation, the camera was designed with quick, one-touch startup, mode selection with pictorial dial, and a USB port for plug-and-play connectivity with both Macintosh and PC computers. Camera accessories include converters, slide adapters, and a remote cord.

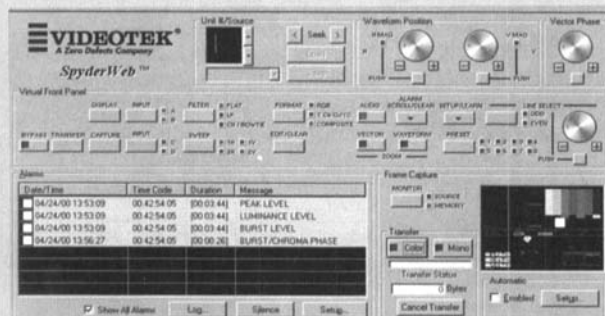
ParkerVision, Inc., has announced the **CameraMan 3-CCD** robotic pan/tilt camera. This compact digital camera/robotics/lens package is now available in a fixed 4:3 aspect ratio. It features three supersensitive CCDs; 380,000 effective picture elements; horizontal resolution of 850 TVL, 65-dB SNR, SMPTE 259M component SDI video output; and an 18 x 6.7mm lens. The CameraMan and related components are suitable for a wide range of professional uses under varying lighting conditions.

Color Corrector/Legalizer

Videotek Inc. has introduced the advanced **SDC-831A** digital color cor-



The Digital Prodigy switcher from Videotek.



Videotek's SpyderWeb software.



The SDC-831 digital corrector/legalizer from Videotek.

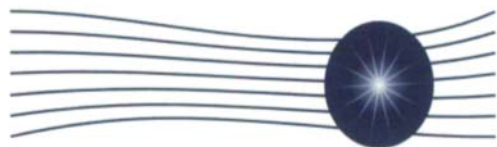


Klotz's Paradigm digital audio console.



ParkerVision's Digital Cameraman.

TERANEX



Video & Film Conversion and Encoding
Tools for Broadband Internet,
Digital Television, and Digital Cinema

CAREER OPPORTUNITY OF A LIFETIME

TeraNex is leading the next wave in video processing technology with rapid expansion into markets around the world. TeraNex is currently seeking to fill the following positions with qualified individuals for its corporate office in Orlando, Florida:

Product Marketing Manager (Video & Film Processing Systems)
Product Manager, International Conversion Products
Software Engineer-Video Processing Applications (2)
Software Engineer-User Interface Development
Software Engineer in Control Software
Senior Algorithmist (Image Processing)
System Test Engineer
Integration & Test Engineer
Assembly/Hardware Technician
Director/Manager of Operations

Please forward your resume indicating position of interest to:
Human Resources, TeraNex, 7800 Southland Blvd., Suite 250
Orlando, FL 32809 Fax: 407-517-1101
e-mail: employment@teranex.com. No phone calls please.

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compact mini-DV cassette. Weighing only 4.8 lbs in full operating condition, the camcorder combines three interline transfer CCD imagers with 43mm filters and a large-diameter 12x optical zoom lens. The **AG-DV1000 mini-DV VTR** records for up to 80 min of digital component video (500 TVL) and digital audio on a single ultra-compact mini-DV cassette. The VTR's 16-bit digital sound system rivals the quality of CDs; users can select between PCM audio of 48 kHz/16 bits (2 channels) and 32 kHz/12 bits (4 channels). The **AG-DVC200** 410,000-pixel IT 3-CCD DSP camcorder records for 4 1/2 hr and offers an interchangeable bayonet mount lens that permits use of 1/2-in. lens. With the ability to shoot at F11 in lighting as low as 0.5 lux, the camcorder delivers 800 lines of horizontal resolution, an IEEE 1394 interface, a SNR of 62 dB, and very low smear. The 11-lb shoulder-style camcorder offers a 4-position ND/CC filter; the ability to increase gain up to +36 dB for shooting in dim light; user-scene memory storage; and a 6-speed shutter with synchro scan for flicker-free shooting of CRT displays.

HDTV Filters

Matthey Microfilters has announced a new range of SMPTE 274M filters. The **HDSM** range of filters offer near 274M performance in a miniature space saving package, and are suitable for single-pass and HDTV monitor output applications. Available in an 11-pin SIL, the filters are designed for use in applications where size and cost are important constraints, but a good passband performance is required. Typical applications are HD monitors, HDTV sets, and monitoring quality interface products. Luminance/color difference and flat/sinx/x corrected versions are available.

LCD Display Television

Sharp Electronics Corp. has announced the **LC-15A2UV**, ultrathin 15-in. flat panel LCD television. Weighing just over 10 lbs and measuring 14.2 (w) x 12.22 (h) x 1.8 (d) in., the compact television is small enough to fit comfortably in any room of the house and can be moved easily to suit users' varying needs. With a modern platinum-finish

rector/legalizer. It includes an extensive inventory of proc amp controls as well as 100 memories with 1,000 real-time transitions. Controls familiar in the analog world support adjustments of gain from 0 to 800% as well as full-time control of R, G, and B, black, gamma, and white. A split-screen display enables instant comparison of input and processed video. An auto-balance feature simplifies setting of black and/or white balance with a single button press.

Digital Video Products

Panasonic Broadcast & Television Systems Co. has announced new DV-format models for its Proline product family.

The **AG-DVC10 3-CCD mini-DV camcorder** offers a sleek shoulder-style design for extra shooting stability, an IEEE 1394 digital interface, and PCM audio. It records up to 80 min of digital component video (500 TVL) and digital audio on a single ultra-

cabinet, 181-channel VHF/UHF/cable tuner, component, S-video, and composite inputs, it can receive a variety of video signals. The 15-in. LCD display emits super-bright high-quality images and offers wide viewing angles; a new back light system with a color temperature of 9,000°K; a 200:1 contrast ratio; and a 60,000-hr lamp life equivalent to 7 hr of daily television viewing for over 20 years.

Monitoring System

Videotek Inc. has introduced the **SpyderWeb** networked monitoring system. This application software allows an operator to centrally perform consistent unattended monitoring and remote control of multiple VTM devices. SpyderWeb delivers alarm information, provides remote control, and initiates and displays frame captures to a remote computer running SpyderWeb software. Monitored nodes can be physically located within the same room or as far away as the other side of the world. This software is available in several levels for controlling and monitoring up to 99 VTM devices via the internet, LAN, WAN, and serial communications.

Multiplexer

Communications Specialties, Inc., has announced **DeciMux for Video**. This video multiplexer converts 10 channels of standard analog video into a high-speed serial digital bit stream for transmission over a single fiber-optic cable. It will transmit NTSC, PAL, or SECAM video signals over distances of up to 65 km using single mode fiber, with no degradation in performance. The system transmitter can be equipped with a second optical transmitter to drive a second receiver unit in either an optically redundant system or send the same video signals to another location. Other features include a video test generator (NTSC/PAL); input cable equalization for increasing camera sharpness; built-in diagnostic LEDs for each channel; and a loss of signal/broken fiber alarm.

Switcher

Videotek Inc. has announced the **Digital Prodigy** production switcher. While retaining the popular original Prodigy control architecture, the

ATSC MASTER

SMPTE 310M

External Transmit Clock Option

Highly Stable Local Oscillator

Transmitter and Receiver on Same Card

High Speed Asynchronous I/O Interface

Computer Modules, Inc.

www.compmodules.com

Digital Prodigy (vision mixer) adds many hardware and software enhancements. Features include mixing analog composite and component video sources, serial digital (CCIR-601) sources, up to four keyers, and companion analog and digital audio frames.

Videotapes

Panasonic has unveiled the AY-DVXB series of Master Grade DV videotapes designed for rugged professional applications. The two models, **AY-DVM63XB**, a 63-min tape, and **AY-DVM83XB**, an 83-min tape, utilize a new evaporation technology called S-AME (super advanced metal evaporation) that improves the videotape's magnetic density by 400% over current Panasonic models. The S-AME technology offers three key advantages: higher output power for more precise recordings; low head wear and reduced head clogs; and superb linearity that assures high performance in severe conditions.

Communications Specialties, Inc., 55 Cabot Ct., Hauppauge, NY 11788; tel: (631) 273-0404; fax: (631) 273-1638; website: www.commspecial.com

Klotz Digital America, 5875 Peachtree Industrial Blvd., Ste. 340, Norcross, GA 30092; tel: (678) 966-9900; fax: (678) 966-9903; e-mail: svolkert@klotz-digital.de; website: www.klotzdigital.com

Matthey Microfilters, Woodbank House, Woodbank St., Burlingame, CA 94010; tel: +44 (0) 1782 820 810; fax: +44 (0) 1782 820 820; e-mail: reza.mohajer@microfilters.net; website: www.microfilters.net

Nikon Inc., 1300 Walt Whitman Rd., Melville, NY 11747; tel: (800) NIKON-UX; website: www.nikonusa.com

Panasonic Broadcast & Digital Systems Co., 3330 Cahuenga Blvd. W., Los Angeles, CA 90068; tel: (800) 528-8601; www.panasonic.com

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

Sharp Electronics Corp., Sharp Plaza, Mahwah, NJ 07430; tel: (201) 529-8200; fax: (201) 529-8819; e-mail: levenen@sharpsec.com; website: www.sharp-usa.com

Videotek, 243 Shoemaker Rd., Pottstown, PA 19464; tel: (610) 327-2292; fax: (610) 327-9295; website: www.videotek.com

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Postal Code	<input type="text"/>
Telephone	<input type="text"/>
E-mail Address	<input type="text"/>