

New Products

Camcorder

JVC Company of America has announced the **Everio GZ-HD3 high-definition camcorder**. The camcorder features a 3-CCD camera system for 1440 x 1080 HD recording. By using three 16:9 progressive scan CCDs, each dedicated to one of the three primary colors (red, green, blue) the image sensor can capture truly lifelike images and deliver vivid and accurate color reproduction. Since the CCDs themselves are 16:9, they record a pixel array with native 16:9 dimensions for viewing on an HDTV and authoring to DVD or Blu-ray disc. The lens block also uses CCD pixel shift technology to increase horizontal and vertical resolution. The camcorder also features a built-in 60 GB HDD for 7 Hours of HD Recording. The palm-sized camcorder features a lightweight, compact body, weighing a mere 1.5 lbs. It also features various shooting assist and manual functions such as: Focus Assist—outlines the in-focus part of the picture in red, blue, or green to make focusing easier; Digital Image Stabilization (DIS)—provides important stability for hand held shooting; The Zebra Function puts a stripe pattern on highlighted parts of the picture to assist in setting the exposure manually; Program AE includes Aperture- and Shutter-Priority; Joystick control for easy selection and operation of manual



settings and menu items, including manual focus and quick control of focus mode.—www.jvc.com

Fiber Optic Transport Link

Multidyne has introduced the **HD-1500 series** of 5 to 1485



Mbit/sec serial digital video fiber optic transport link. The HD-1500 line provides an economical solution for the fiber optic transport and distribution of virtually any digital signal from 5 Mbits/sec to 1.5 Gbits/sec. The supported standards include SMPTE 292M-1.485 Gbits/sec, SMPTE 259M

with operation from 143 Mbits/sec to 360 Mbits/sec, SMPTE 310M-19.4Mbits/sec, M2S or DVB-ASI-270 Mbits/sec, SMPTE 344M-540 Mbits/sec, and SMPTE 305M SDTi rates. The HD-1500 series of products are available in compact standalone and rackmount packages, making them ideal for applications including field remotes, sporting events, ENG/SNG, production, and in-plant signal distribution. The power requirements are 110 and 220 VAC with a wallmount power supply or 5 to 16 VDC with an external battery. The compact unit offers an economical solution for the distribution of digital signals from 5 Mbits/sec to 1.5 Gbits/sec up to 20KM over Singlemode or more than 300M over Multimode fiber optic cables.—www.multidyne.com



Processor

Miranda's new **Imagstore 750** processor offers HD/SD master control switching plus multilevel channel branding graphics using four independent keying layers with easy selection between SD and HD at 1080i or 720p at 50 or 59.94Hz. The independent keying layers are ideal for multilevel HD/SD graphics insertion, using internal animation/still storage with capacity for more than 4,000 images. The processor gives independent preview, clean feed, and auxiliary outputs and with Xpanel, which provides highly intuitive operation and precision control over on-air graphics across multiple devices and channels. Operators are able to control the output on multiple broadcast HD and SD channels simultaneously, automating the playout of graphics and animations while sending live data updates to each channel in realtime. Dual, external fill, and key inputs allow operation with Miranda's Imagstore Intuition+ graphics co-processor, and Vertigo XG graphics processor for the most advanced graphics playout, as well as with a separate third-party graphics/CG device. Four group (16-channel) digital audio mixing can be performed using embedded audio and 8 AES pairs for 5.1 and multilingual audio, and up to 8 channels of audio storage and playout are available for automated voiceovers and audio zingers.—www.Miranda.com

