

New Products

Camcorder

Panasonic Broadcast & Television Systems Co. has introduced the AG-DVC7, an entry-level DV PROLINE series shoulder-mount mini-DV format camcorder. The new AG-DVC7 features a shoulder-mount body style, which yields steadier images, delivers a more professional-looking appearance, and enhances product security compared to consumer-based palm-sized models. The camcorder is equipped with a next-generation 340,000 effective pixel inter-line transfer (IT) CCD imager and a large-diameter 15x optical zoom offering high picture quality, and a minimum illumination of 1 lux. Weighing just 4.62 lbs in full operating condition, the AG-DVC7 offers manual focus, manual iris, automatic white balance, program auto exposure (five modes), and gain up (0 to 18 dB). The AG-DVC7 records for up to 83 min of digital component video (500 TV lines of resolution) with 16-bit PCM digital audio on a mini-DV cassette.

Lenses

Fujinon will introduce several new lens products at this year's NAB. Lenses include the HA13x4.5BERM/BERD and HA22x7.8BERM/BERD high-definition ENG lenses, HA26x6.7 high-definition studio lens, and HDTV cine-style lenses. The HA13x4.5BERM/BERD is a 2/3-in. format wide-angle lens (4.5mm) with a 93.6° horizontal field of view. The BERM version has a 2x extender and manual focus servo zoom and the BERD version also features a 2x extender, servo focus, and servo zoom.

The HA22x7.8BERM/BERD is a telephoto lens with a 2x extender, making it the longest such lens on the market with a reduced size and weight (1.78kg), improved F number (F1.8), maximum relative aperture of F1.8 (from 7.8-122mm), and reduced minimum object distance (0.8m). The HA26x6.7ESM high-definition studio lens has an impressive focal length range of 6.7mm to 175mm or 13.4mm to

350mm with a 2x extender and a field of view of 71.37° horizontal range of view in 16:9. This lens provides camera operators with unparalleled capability to shoot a wide-angle view from a minimum object distance of 0.6mm. The HD lens also features a 26x zoom ratio and a maximum relative aperture of F1.5.

Monitoring System

The WVR600 series rasterizer from Tektronix is a flexible, one-rack unit video and audio confidence monitor with high-resolution (1024 x 786) output to external displays that enables users to maximize space within a facility. The WVR600 series also responds to industry requirements for an instrument that monitors both analog and digital video signals in an advanced, easy-to-use, all-digital architecture. This is accomplished by incorporating several innovative configurations, including two standard-definition SDI inputs and two composite inputs, as well as options for analog audio, digital AES/EBU audio (including embedded), or both.

Switcher

The latest addition to Snell & Wilcox's HD switcher range is the HD3060, a 3M/E high-definition switcher designed for high-performance live production. The HD3060 has 64 inputs (expandable to 128) and 12 keyers, including 4 sophisticated DSKs. The switcher offers the option of up to 4 powerful 2-channel DVEs that can apply effects to the keyers and background transitions, including warps, tiling, ripples, rolls and peels, and lighting effects. Moreover, the effect options can be fully integrated and require no additional connections or extra rack space. Other important features include instantaneous HD and SD switching, breakaway M/E control with separate control panel, powerful macro function, and seamless integration with external devices into the production environment.

Fujinon, tel: (973) 633-5600; website: www.fujinon.com

Panasonic, tel: (800) 528-8601; website: www.panasonic.com/dvproline

Snell & Wilcox, tel: (408) 260-1000; website: www.snellwilcox.com

Tektronix, tel: (800) 426-2200; website: www.tektronix.com



Panasonic's AG-DVC7 mini-DV camcorder.



The HD3060 HD switcher from Snell & Wilcox.



Fujinon's HA22x7.8BERM/BERD high-definition ENG lens.