

Fire Wire-B Progressive Scan Monochrome & Color Camera Series feature 800 Mbps Transfer Rate

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Category: [IT, New Media & Software](#)

Press release from: [Audio Video Supply, Inc.](#)



SAN DIEGO, CA, January 8, 2007 -- Audio Video Supply, Inc. has introduced its FWD line of progressive scan cameras, the first to utilize FireWire-B (IEEE-1394.b) technology, resulting in transfer rates of 800 Mbps or twice that of FireWire-A or USB 2.0 cameras. The Machine Vision market is expected to use the new technology to leverage speed into increases production. Firewire-A and USB 2.0 is the current standard for many OEM applications involving robotic vision, semiconductor inspection and assembly, microscopy and electronic surveillance. The FireWire-B enables the transfer rate of 800 Mbps. In addition to increasing transfer rates, FireWire-B enables the cameras to achieve imaging results with less signal distortion, increased throughput, and the added versatility afforded by its backwards compatibility with conventional 1394.a.

The FWD Series cameras are available in monochrome and color vision versions, extending the advantages of FireWire-B to almost any machine vision application. Many models deliver full-frame images up to 90 frames-per-second and resolutions ranging from VGA (640 x 480) to UXGA (1600 x 1200). Monochrome output can be set for 8 or 10 bit, while color output at either RGB 24 bit, YUV422 or YUV411. Camera CCD sizes are 1/3-inch, 1/2-inch, 1/1.8-inch or 2/3 inch. Performance features include full frame shutter, even at random trigger shutter operations, to provide vertical resolution without degradation; tetragonal lattice layout of CCD pixels to facilitate faster image processing; and built-in color process that provides Raw output, as well as RGB, YUV 4:2:2 and YUV 4:1:1 output modes. All cameras are RoHS compliant.

SDK and Viewer software for FWD cameras and all other IEEE-1394.b cameras can be downloaded from www.avsupply.com for free.

About Audio Video Supply, Inc.

About Audio Video Supply, Inc. is the North American distributor of Machine Vision Components as well as a complete line of CCTV Surveillance systems. In business for over 35 years AVS is well established and authorized to distribute a wide variety of name brand video equipment. In addition to cameras, Audio Video Supply offers optics, monitors, DVR's and a complete line of accessories. Design help is available for US and international OEM customers.

Website: www.avsupply.com

For additional information, please call 1-858-565-1101. Audio Video Supply, Inc. is located at 4575 Ruffner St, San Diego, California, 92111. On the web, www.avsupply.com

[You can find this press release here](#)