

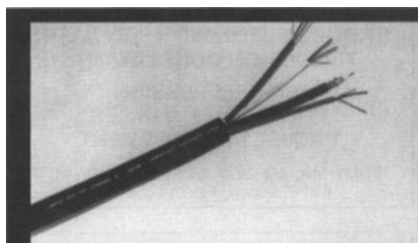
New Products

Cables and Connectors

Gepco International, Inc., has introduced the **VA-1/3 video and audio composite cable**, which is constructed of one video and three audio cables under a flexible jacket. Ideal for ENG, EFP, and CCTV applications, as well as connections between equipment in racks, the cable includes Gepco's original VPM2000 RG 59 coax and three Gepco 61801EZ, 22AWG-stranded, tinned copper jacketed pairs with an overall foil shield and drain. The audio pair jackets have a bonded easy-stripping foil and are colored white, red, and green for easy identification; the video cable master is black.

Camera Accessories

The **CCD Eyepiece** from Innovision Optics, Inc., is a full-color video assist that readily snaps onto the viewfinder port of most popular 16mm and 35mm motion-picture cameras. The eyepiece provides a color NTSC (or optional PAL) signal with a resolution of 480 lines. The system runs on a 12-V DC power supply or optional AC adapter.



The VA-1/3 composite cable from Gepco International.



The Fisheye Adapter from Century Precision Optics.



The CCD Eyepiece from Innovision.



Fujinon's A15X8DEVM hand-held lens.

Computer Equipment

Sharp Electronics Corp. has introduced the **GZ-P15UP color video printer** for professional use. The printer connects to such video equipment as camcorders, monitors, and VCRs, and it can make 4.13 in. x 3.22 in. prints of a single video frame on either special paper, self-adhesive labels, or postcards. The GZ-P15UP uses a sublimation dye thermal color transfer process that prints video images in up to 16.7 million colors with 256 brightness levels for each primary color.

Lenses/Optics

The **Fisheye Adapter** from Century Precision Optics was designed for 16mm, Super 16, and 35mm cinematography and is capable of dramatically widening a lens's angle of view and producing a barrel distortion that allows for a wraparound perspective. The Fisheye accepts one Series 9 drop-in filter between the rear of the attachment and the taking lens. A snap-in retaining ring secures the filter.

Fujinon has incorporated its V-Grip Series aspect ratio conversion technique into several of its V-Grip Series of handheld television zoom lenses; this format is now a standard feature on the **A8.5X5.5DEVM**, **A15X8DEVM**, and **A20X8DEVM V-Grip lenses**. The technique compensates for reduction in angle of view when switching from the 16:9 aspect ratio to the 4:3 aspect ratio in switchable cameras. Each

lens combines AT performance enhancement technology with an inner focus design. The series allows zoom speed to be varied from 1 to 5 sec from wide to telephoto, and adjusts from 3 to 17° to ensure a comfortable wrist position for any user.

A new series of **high-resolution color-corrected video lenses** has been introduced by Schneider Corp. of America. Designed to meet the specific imaging requirements found in industrial, military, research, security, recognition, and similar applications, the lenses are specifically corrected for light in the 400 to 1040-nm range and thus match the spectral sensitivity of the CCDs found in today's video cameras. These lenses are also corrected for an 11mm image height. There are seven lenses in the new series, in focal lengths from 4.8mm and 8mm f/1.4 to 12mm, 17mm, 23mm, 35mm, and 70mm and with angles of view ranging from 105 to 9°.

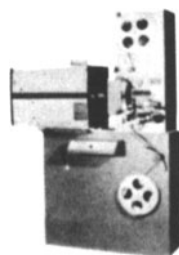
Projection Equipment

New from Sharp Electronics Corp. is the **XV-P15UP compact high-performance LCD video projector**. The projector uses a single 3.6-in. TFT active matrix LCD panel with 100,386 RGB trio pixels and has 350 TV lines of resolution and a high-contrast ratio of 100:1. Dichroic mirrors are used to separate the light into the three primary colors, eliminating the need for color filters on the LCD panel. Equipped with a 125-W metal halide lamp, the XV-P15UP delivers a luminance of 500 lux.



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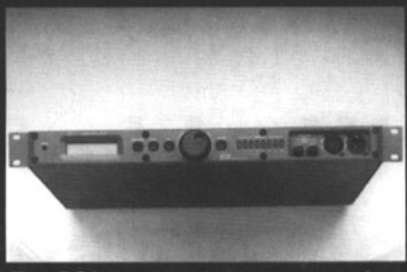


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The new high-resolution video lenses from Schneider Corp. of America.



The DCA matrix switching systems from Lighthouse Digital.

Sharp Electronics has also introduced four new projection panels. **The QA-2500** is a high-resolution SVGA LCD projection panel that provides 24 bits of color for full color rendition and saturation. It accepts NTSC, PAL, or SECAM video from built-in composite or S-video inputs, and dual audio inputs and built-in stereo speakers provide sound from both video and computer sources. **The QA-350B** offers dual-scan technology and is compatible with virtually all popular PCs. Monitor loop-through is built in for simultaneous viewing of a projected image and local computer monitor; it also includes auto-setup, built-in memory, and an on-screen menu display. **The QA-1500B** has PCMCIA memory capability and is designed with an on-board slot for a 105-Mbyte Type III PCMCIA storage card. In addition, the QA-1500B can automatically number each slide and place it into one of the five presentation folders. Automatic playback mode permits playback of any presentation on the PCMCIA card until stopped or paused. **The QA-1200** projects NTSC, PAL, and SECAM video signals. A backlit wireless remote control adjusts settings for sound and image and permits users to freeze images and zoom in on selected portions. A built-in loudspeaker provides sound from both computer and video sources.

Switchers and Routing Systems

Lighthouse Digital Systems, Inc., has introduced two new matrix switchers. **The DCV** is nonprotocol-dependent and offers a 400 Mbit/sec bandwidth. A front panel rotary encoder and LCD display provide local control of switching. Optional control programs for host computers are available. **The DCA** starts at 8 x 8 and expands to 16 x 16. A front panel rotary encoder and LCD display provide local switching control. Rear panel control ports allow for external switching control from optional remote control panels or an external computer.

Support Equipment

Flip Locks nonslip aluminum and carbon fiber tripods are now available from Cartoni U.S.A. Flip Locks provide fast height adjustment and positive locking. Leg length is adjusted by depressing the safety

button, flipping the lever up to free the leg, and then, after sliding the leg in or out, snapping the lever down to lock in position. Flip Locks come as standard equipment on Alfa, Beta, and Delta Fluid Heads and tripod systems.

Videotape Recording and Playback Equipment

The VL-H450UP and VL-H420UP viewcams from Sharp Electronics Corp. incorporate 4-in. full-color LCD view screens and also feature a 270° variable angle rotating lens. The viewcams, suitable for professional remote and on-site videotaping and playback, have a self-recording feature and

instant playback with stereo sound on the LCD view screen. A high-speed motor permits the units to zoom from maximum wide angle to maximum telephoto in 2 sec.

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

Cartoni U.S.A., 2755 Alamo St., Ste. 103, Simi Valley, CA 93605, (805) 520-6086; Fax: (805) 520-6949

Century Precision Optics, 10713 Burbank Blvd., N. Hollywood, CA 91601, (818) 766-3715; Fax: (818) 505-9865

Fujinon, Inc., 10 High Point Dr., Wayne, NJ 07470, (201) 633-5600; Fax: (201) 533-5216

Gepco International, Inc., 2225 W. Hubbard, Chicago, IL 60612-1613, (312) 733-9555; Fax: (312) 733-6416

Innovision Optics, 1318 Second St., Santa Monica, CA 90401, (310) 394-5510; Fax: (310) 395-2941

Lighthouse Digital Systems, P.O. Box 1802, Grass Valley, CA 95945, (916) 272-8240; Fax: (916) 272-8248

Schneider Corp. of America, 400 Crossways Park Dr., Woodbury, NY 11797, (516) 496-8500; Fax: (516) 496-8524

Sharp Electronics Corp., Sharp Plaza, Mahwah, NJ 07430-2135, (201) 529-8731; Fax: (201) 529-9636

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