

Electronic Magnification Systems

The most common form of electronic magnification is the Closed Circuit Television (CCTV) or video magnifier. With improvements in technology, the new electronic magnification systems are revolutionizing low vision rehabilitation. The CCTV allows the low vision patient to visually access printed or handwritten material, as well as many other objects, by means of a magnified image projected onto a monitor. CCTV's can now magnify at distance, intermediate and at near and can provide more than 60X magnification. Desktop and portable models are available. All CCTV's allow the user to select regular polarity (black letters on a white background) or reverse polarity (white on black) for reading. This gives enhanced contrast of text and can decrease glare. In addition many CCTV's provide an autofocus feature and feature flat panel technology.



The new **ClearView+ Video Magnifier System** by **Optelec** magnifies anything placed under it from 2X to 50X, and can be customized based on the patients needs. It is available with either a B&W or color CRT monitor or with a color TFT monitor and has an autofocus camera. The *Advanced Feature Pack* adds alternate colors, a position indicator, window/line markers and an external PC switch. The ClearView+ PC is a computer compatible camera and can connect to either a desktop or laptop computer.



The **View by Vision Technology Inc.** is a portable flat panel CCTV with distance, Intermediate and desktop magnification. The camera turns 360 degrees horizontally and 240 degrees vertically for viewing everything from across the room to reading material. The View is collapsible and can be carried like a briefcase.

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The Traveller+ by **Optelec** is a full color, portable video magnifier designed for people on the move. Traveller's bright color 6.4 inch screen magnifies text and pictures up to 16 times, and 'stands up' to allow you to write letters and take notes. Traveller can also be connected to a TV for even greater magnification - a great option if you are away from your desktop unit when traveling.



The Pico by Telesensory

fits easily in a purse or pocket making it easy to carry wherever you go. With the Pico, patients can read easily even in dimly lit areas.



The **Max** by **Enhanced Vision Systems** is an inexpensive, portable, hand-held camera that connects directly to any

TV or monitor and allows the user to read or view photos. It is available with either a color or black and white camera.

ViewFinder Offers A Wide Variety of Video Magnifiers

As many of you may know, after 35 years in the industry, Telesensory Corporation (TSC) filed for bankruptcy. The good news is that the company manufacturing the TSC product line has purchased Telesensory. This company will honor TSC warranties and will repair CCTV's that are out of warranty. ViewFinder will again be offering the Telesensory products in addition to other product lines such as Optelec, Vision Technology Incorporated, Humanware, Enhanced Vision, and Freedom Vision. We stock many products for timely delivery.

ViewFinder is able to offer the patient a wide variety of options so we may assist them in deciding which system will best suit their needs. Evaluation of CCTVs is also part of the low vision examination by our doctors should a video magnifier be prescribed.



Leisa Friedman is starting her 11th year as ViewFinder's Director of Video Magnifier Sales. She manages the sales and service of CCTV systems throughout Arizona, New Mexico, Las Vegas and parts of Texas. She welcomes any questions or interest in demonstration of these products. She may be reached at 602-617-6978.

Miscellaneous News:

The winner of the ViewFinder Teacher & Student Low Vision Aid Grant for the 2nd quarter of 2005 is Karen Aron. Requests for the 3rd quarter 2005 grant are due by September 30, 2005.

The Vision Rehabilitation & Technology Expo 2005 will be held on November 18 & 19, 2005. Go to VRATE.org for more information.

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