

## LV 5750

### Leader's New Portable SDI Monitor



April 2004 Cypress, CA... Leader Instruments announces a new paradigm in portable digital testing. The LV 5750 multiformat SDI monitor features a color XGA (1024 x 768) LCD screen. Standard modes include waveform, vector, audio, picture and status monitoring. Complete digital processing of SDI signals enables highly accurate measurements. SDI inputs support auto detection of multiple standards, formats and frame rates. HD-SDI or SD-SDI signals are detected, selected, and output to a reclocked active serial output.

Waveform, vector, picture, audio, and status can be shown full screen, viewed side by side, or as a four-in-one multi-display. A composite signal conversion function converts component signals into pseudo-composite NTSC or PAL waveform and vector screens. Vector shows chrominance difference signals in vector format with selectable variable, IQ-MAG, or x5 times. Onscreen readout of vector gain helps to setup digital cameras with chip charts. Line selection with strobe allows the same line to be displayed in picture, waveform, vector, and data dump modes. The IQ axis display can be toggled on/off.

Audio signals are de-embedded from the serial digital signal and surround sound targets with bargraph meters display up to eight channels at a time. Group selection is now independent allowing any two groups to be selected for monitoring. Stereo headphone monitoring also has independent selection of left and right audio channels that are output to the headphone output connector.

Frame capture enables any displayed screen to be captured to the internal memory or to the users compact flash memory card. The BMP data of the screen image can be transferred to a PC via the network by FTP. When the internal memory or compact flash memory card is used, the captured screen and live signals can be superimposed on the screen to match cameras and to do timing adjustments. Frame capture has an auto file naming function to quietly speed capture for continuity during production.

