

# RECORD RADAR, SONAR & COMPUTER DISPLAYS AT HIGH RESOLUTION

INTRODUCING . . .  
THE VIDEOLINK HD™

**Autosync**

**Real time operation**

**Full color**

**Inputs to 90 kHz**

**Freeze frame**

**Uses standard monitor**

**HDTV 1125 line recording**



The Videolink HD system lets you record computer, radar, sonar or other high resolution raster scan displays in real time. With HDTV quality video plus two channels of audio, you can capture all the action – every moment – every comment – for a definitive record of critical data. Three hours of recording per cassette tape, a small physical package and low cost make an unbeatable combination.

The Videolink HD converts computer and other signals to the 1125 line HDTV standard. By comparison, ordinary video scan converters transform signals to broadcast standard NTSC or PAL video, resulting in lower image resolution. By using the HDTV standard, the new Videolink HD offers a dramatic improvement in resolution.

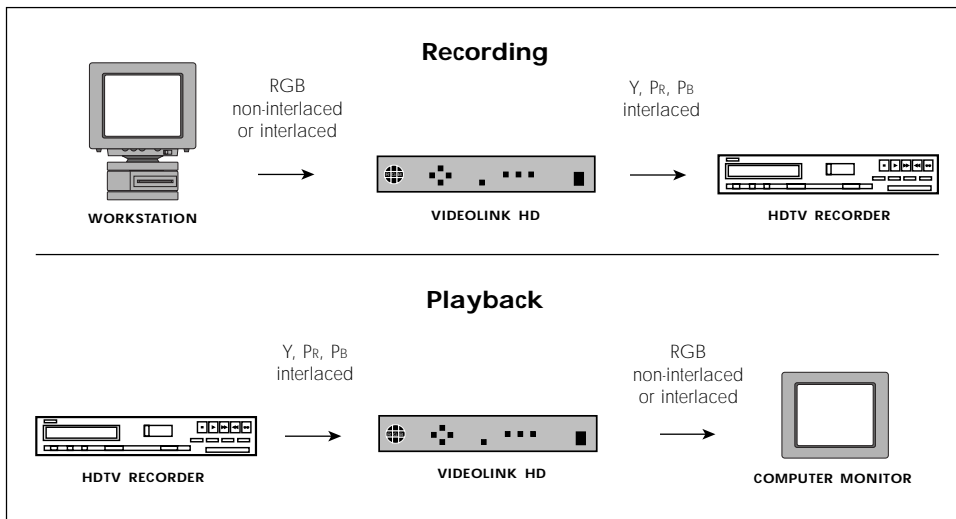
The adoption of HDTV recording equipment has been slow because of high cost ---- until now. A new generation of HDTV recorders presents a cost effective solution to capturing computer and other imagery in real time.

The Videolink HD is compatible with inputs up to 1280x1024 pixel resolution. The system works bi-directionally. First, the image is converted to the HDTV standard for recording and storage. Then, the HDTV signal is reconverted to its original non-interlaced format for flicker-free playback on a high scan rate (computer) monitor.

Designed for critical applications in training and simulation, command-and-control, medical archiving and monitoring, the Videolink HD represents a significant step forward in recording highly detailed imagery.

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### Video Input

Video Format	Non-interlaced or interlaced
Resolution	Up to 1280 x1024 pixels
Horizontal Rate	15 kHz to 90 kHz
Vertical Rate	20 Hz to 100 Hz
Amplitude	0.7 to 1.0 V peak to peak; white positive
Input Impedance	75 $\Omega$
Sync Amplitude	1.0 V to 5.0 V (75 $\Omega$ )
Sync Formats	Sync on green, composite sync, H-drive and V-drive
Connectors	BNC

### Video Storage (HDTV Format)

Format	Y, Pr, Pb (1125 lines, 30 Hz, 33.75 kHz)
Connectors	BNC

### Video Output

Format	Identical to original input signal, or user programmable
Connectors	BNC

### Frame Buffer

Size	2048x1024 pixels
Pixel Depth	24 bits (8 each for red, green and blue)

### Control Input

RS-232 Port	1200, 2400, 4800, 9600, 19200 baud; echo or no-echo
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### Physical

Size	17.5" wide by 3.5" high by 18.5" deep (rack mountable)
Weight	20 lbs
Power	150 watts



Specifications subject to change without notice  
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