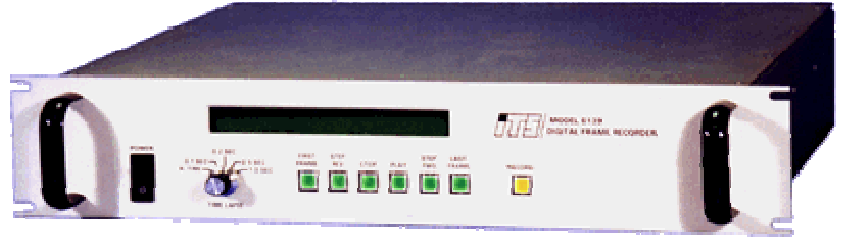


MODEL 6149 DIGITAL VIDEO FIELD RECORDER

FEATURES

- Records up to 512 fields of NTSC or RS170A Video
- May be controlled remotely via RS-232 port or locally using front panel controls
- Front panel back-lighted LCD prompt display
- Time lapse function
- Powered by 85-264 VAC, 47-440Hz, 15w.
- Remote control (Model 6152) optional.



DESCRIPTION

The Instrumentation Technology Systems Model 6149 Digital Field Recorder provides the means to digitize, store and play back NTSC or RS-170A video. The unit can store up to 512 fields of video with a resolution of 800 pixels horizontally and 240 lines vertically. The digitization is performed with a sample rate of 14.6MHz by 9 bits. The unit can record video in real time or at a field period of 0.1, 0.2, 0.5 or 1.0 seconds, as selected by the operator. The 6149 may be operated as a stand-alone device or in a system with full control, except for time lapse selection, via an RS-232 port.

Functions include: Record, Play, Stop, Go to End (Last Field), Go to Beginning (First Field), Step Forward and Step Reverse. The time lapse period is controlled by a rotary selector switch.

The 6149 is housed in a 19 inch rack mountable aluminum enclosure, 3.5 inches high and 15 inches deep. It is powered by 85-264 VAC, 47-440Hz.

Model 6149 Digital Video Field Recorder

SPECIFICATIONS

Video in	NTSC or RS-170A, IAW EIA RS-170A. One volt p-p, black negative. 75 ohm input impedance.
Video Out	Same as Video In, when terminated by 75 ohms
ADC Sample Rate	14.6 MHz
Stored Video Resolution	Active display area = 800 by 240 pixels. ADC = nine bits.
Video Memory	128 Mbytes
Storage Capacity	512 Video Fields
RS-232 Port	EIA RS-232C, 8 bit, no parity, 1 stop bit. Baud Rate selectable from 300 to 38400.
Power	85-264 VAC, 47-440Hz, 15w.
Temperature(Operating)	5°C to +35°C
Humidity	85% non-condensing
Package	
Size	19" wide x 15" deep x 3.5" high.
Weight	8 lbs.