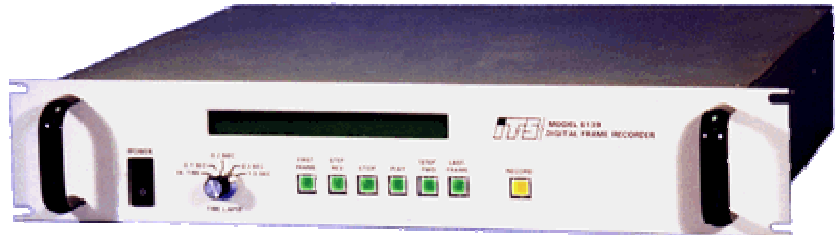


## FEATURES

- Records up to 256 frames 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.



## DESCRIPTION

The Instrumentation Technology Systems Model 6139-8 Digital Frame Recorder provides the means to digitize, store and play back NTSC or RS-170A video. The unit can store up to 256 frames, approximately 8 seconds, of video with a resolution of 800 pixels horizontally and 480 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 frame period of 0.1, 0.2, 0.5 or 1.0 seconds, as selected by the operator. The 6139-8 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 Frame), Go to Beginning (First Frame), Step Forward and Step Reverse. The time lapse period is controlled by a rotary selector switch.

The 6139-8 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 6139-8 Digital Video Frame Recorder

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## SPECIFICATIONS

<b>Video in</b>	NTSC or RS-170A, IAW EIA RS-170A. One volt p-p, black negative. 75 ohm input impedance.
<b>Video Out</b>	Same as Video In, when terminated by 75 ohms
<b>ADC Sample Rate</b>	14.6 MHz
<b>Stored Video Resolution</b>	Active display area = 800 by 480 pixels. ADC = nine bits.
<b>Video Memory</b>	128 Mbytes
<b>Storage Capacity</b>	256 Video Frames
<b>RS-232 Port</b>	EIA RS-232C, 8 bit, no parity, 1 stop bit. Baud Rate selectable from 300 to 38400.
<b>Power</b>	85-264 VAC, 47-440Hz, 15w.
<b>Temperature(Operating)</b>	5°C to +35°C
<b>Humidity</b>	85% non-condensing
<b>Package</b>	
Size	19" wide x 15" deep x 3.5" high.
Weight	8 lbs.