

SL611

Multi Function Event Recorder

security labs

The SL611 Spycorder incorporates four video heads for noiseless still frame playback. An adjustable playback speed control is on the SL611 IR remote. As an event recorder, the Spycorder records in real time (30 frames a second) and is not a time lapse recorder. A time lapse recorder records at a slower rate and does not capture as many frames in a given time period.

Packed full of features, the SL611 is flexible enough to suit any security application. All recording modes place the time and date "stamp" at the bottom of the screen for precise documentation of when events occurred. A running frame counter (0-99) is recorded to make each frame unique. An IR hand remote is included for programming and operation.



In the event record mode, recording can be initiated with external switch devices including passive infrared (PIR) detectors, door switches, sonic detectors, glass breakage detectors, etc. , the user can select 62 different times for the Spycorder to record after it's activated by a trigger (10 seconds to 60 minutes). Event record triggers can be normally open or normally closed. A

separate PANIC record mode can be used in conjunction with the event recording inputs. Panic record is activated by a normally open external triggering device (panic button) and commands the Spycorder to record to the end of the tape.

A common application has an event trigger device, such as a PIR, that activates the recorder while there is activity in the observed area, and a simple panic switch in an area that an individual can press in the case of an emergency. Event recording saves tape usage / review time as activity is only recorded. A LOOP recording option allows the Spycorder to record constantly. In LOOP mode, the Spycorder records to the end of the tape, rewinds, and starts recording again. The tape can be stopped and reviewed as important events dictate (everything is captured on tape).

The user also has three END OF TAPE options: Rewind and Standby, Rewind and Eject, Rewind and Record (LOOP). The Eject option allows the user to save the tape and avoid erasure. Standby allows the tape to wait for any record command at the beginning of the tape. On screen titling enables the user to place a title or message on the screen to be recorded as an identifier (up to 20 characters).

Programmed recording options enable the user to set five daily (7 days a week) or five one time recordings. Three trigger block (daily) times can disable the event triggers during times where event recording is not desired. The Spycorder has a 30 day battery back up for the time and date stamp should power fail. The recorder has automatic power on when triggered and will record for 8 hours with a T-160 tape before rewinding. An end of tape contact on the rear of the Spycorder can trigger an external buzzer or trigger another Spycorder to record. The SL611 is fully compatible with quad monitors, observation systems, and composite video cameras. Infrared on screen programming via included remote.

SL611

Multi Function Event Recorder

security labs

GENERAL

Power Source AC 120V, 60 HZ
Power Consumption Approx. 17 Watts
Format VHS, NTSC Direct Drive Capstan and Head Motors
Head System Four Head Helical Scan Double Azimuth System
Tape Speed SP (2 hours w/ T-120), EP (6 hours w/ T-120; 8 hours w/ T160)
FF/REW Time Approx. 3 Minutes (T-120)
Dimensions 14.2" x 3.6" x 12.0" Center Loading w/ Contemporary Styling
Operational Temp. / Humidity 41 degrees F - 100 degrees F, Less than 80% RH
Weight Approx. 10.1 lbs.

VIDEO SECTION

Video Signal System EIA Standard (525 lines, 60 fields) NTSC
Camera Input 1.0 Vp-p, 75 ohms Unbalanced
Video Output 1.0 Vp-p, 75 ohms Unbalanced
Signal to Noise Ratio Greater than 43 dB
Video Horizontal Resolution Greater than 220 lines

AUDIO SECTION

Type Linear Monaural
Line Input/Output -8.0 dBm
Signal to Noise Ratio Greater than 40 dB
Audio Frequency Response 125 Hz to 10KHz

TUNER

Type 181 Channel (cable ready)
VHF Output Signal Channel 3 or 4

SYSTEM OPERATION

Functions on Panel POWER, STOP, EJECT, REW, FF, PLAY, PAUSE, RECORD, CH/TRACK
Language English Program Menu
Tracking Digital Auto Tracking w/ Remote Manual Adjustment
A/V Inputs Rear RCA Type Jack Inputs
Front Panel Display Operational Indicators

SECURITY RECORDING

Power Automatic Power Up when Triggered
Back-up 30 Day Back-up Memory Retains Time Stamp
Time Stamp Time (w/ Seconds) / Date, Frame Counter
On Screen Text On-Screen Text, Up to 20 Characters w/ Adjustable Placement
Triggering Device Inputs Rear Panel Screw Terminal: Normally-Open or Closed Inputs
Event Recording Durations 62 User Selectable Durations: 10s, 30s, 1 to 60 minutes.
Event Recording Operation Records Continuously During Trigger, then for Duration set
Panic Recording Records to EOT, Triggered by a Separate Normally-Open Circuit
End of Tape Contact Momentary Closure (Open Collector to Ground) for Series Recording
Programmable Event Timer 5 Daily Events (7 days a week), 5 One Time Events.
Trigger Blocking 3 Programmable "Trigger Block" Times
External Connections 5 Screw Terminal Barrier Block Connector on Rear Panel
Loop Recording Selectable: at EOT- RW/Eject, RW/Standby, RW/Loop Record
Frame Counter Running 0-99 Frame Counter for Unique Frame Identification
Slow Motion Playback Variable Speed Shuttle, Noiseless Still Frame