

TRANSPORT™

powered by **SAT** Smart Acquisition Technology™



NLT's advanced technology revolutionizes the non-linear process with the next generation in disk recorders.

The TranSport, powered by SAT technology, targets the needs of the broadcast production industry by providing a faster, more powerful process for capturing video and acquiring data.

Compatible with any industry-standard camera, the TranSport captures digital video direct to disk with no generation loss. With an easy-to-use touch screen interface and complete portability, the TranSport is the choice in the industry.

Features:

- **SAT™, CamCutter™** and **SmartLogging** Technology
- Uses **NLT FieldPak®**
- Compatible with video formats for: Avid (News Cutter, Media Composer, Non-Linear Editors); Grass Valley News Editor; and Pinnacle Systems, Team Sports editors
- Lightweight, with convenient carry handle
- Composite or component video capabilities
- Industry-standard 26 pin support
- Touch screen LCD interface
- 2 drive slots
- 4 channels of analog audio
- Sony BVW deck control

Benefits:

- **Faster:** Capture direct to drive
- **Live Log:** Log, annotate and sort video during capture
- **Portable:** Edit in the field during capture
- **Digital:** High video quality no generation loss
- **Compatible:** Works with any industry-standard camera, and multiple video formats

Product Specifications

VIDEO

Component Video In	Y, Cr, Cb Y Composite signal 1v pp, negative sync Cr, Cb 0.7v pp NTSC Cr, Cb 0.525v pp PAL
Component Video Out	Y, Cr, Cb Y Composite signal 1v pp, negative sync Cr, Cb 0.7v pp NTSC Cr, Cb 0.525v pp PAL
Composite Video In	1v pp, positive, terminated at 75ohms
Composite Video Out	1v pp, positive, terminated at 75ohms
Composite Video Out (SUPER)	1v pp, positive, terminated at 75ohms status character keyed over input video

AUDIO

Analog Audio In – 4 Ch	Input level at -60 dBm or +4 dBm, high impedance, balanced 16 bit 48Khz/44.1 AES/EBU sampling, synchronized to video reference Bandwidth: 20Hz to 20kHz +/- 1dB Dynamic range: >80dB S/N ratio: >75 dB unweighted Distortion (THD): <0.05% at 1kHz, at reference level Cross channel phase: <5 degrees at 15kHz
Analog Audio Out – 2 channel	+4dBu, low impedance load, variable gain, balanced, stereo mix programmable
RCA PVW – 1 channel	Nominal -5dBu, low impedance, variable gain, front panel RCA type
Headphone	+0dBu, low impedance load, variable gain, 8 ohms, front panel 1/4" phone type

OTHER

LTC In	0.5 to 18v pp, unbalanced, 10 kohm load
LTC Out	2.2v pp, unbalanced, low impedance load
RS232 – Console	Baud Rate: 9600
Parity:	None
Bits:	8
Stop Bits:	1
R422 – AUX VTR Control	Baud Rate: 38,400
Parity:	Odd
Bits:	8
Stop Bits:	1
Ethernet	IEEE 802.3 10Base-T I/F (Auxiliary control, no data transfer)
Recording time	1.8 to 7.1 hours for DV25

POWER

DC Input	DC+12V (11-17VDC) - 4 pin XLR, less than 18.0W
Ambient Temperature (Celsius)	0 to 40 (operating)
Humidity	Less than 80% (none condensing)
Dimensions	W13.5 x H6 x D16.5
Weight	20lbs

VIDEO COMPRESSION FORMATS

DV	NTSC	DV50 – 422
	NTSC	DV25 – 411
	PAL	DV50 – 422
	PAL	DV25 – 411
	PAL	DV25 – 420
MPEG2 (optional)	NTSC/PAL	IMX50 – 422
JFIF	NTSC/PAL	15:1S – 422
		4:1S – 422
		20:1 – 422
		10:1 – 422
		3:1 – 422