

Meeting Today's Challenges to Provide a Secure Future



EAGLE T TRANSPORTABLE RECORDER

This transportable recorder provides the Eagle performance you trust in a small rugged package.

An advanced portable signal recording solution is now at your fingertips. DRS's new Eagle T is a multifunctional recorder in a low-power, lightweight, small package. The Eagle T is made to go everywhere you go. With sustained recording rates up to 400 megabytes (MB)/second and up to 800 gigabytes (GB) of removable storage, the high-performance Eagle T Recorder is useful for many applications, including pre-detection analog or digital IF and telecom recording. Other uses include system validation, simulation, training and signal library development. Call us for assistance with your recording applications.

Special Features include:

- Mobile/hand carry recorder
- Lightweight and low power
- Laptop size footprint
- Simple command and control GUI
- Records and plays back up to 400 MB/sec
- Ruggedized to withstand harsh environmental conditions
- Stows away in portable transport case for shipping via military air
- 800 GB of removable storage

EAGLE T HIGHLIGHTS

- Multichannel
- Records and plays back up to 400 MB/sec
- Records and plays back up to four channels simultaneously
- 800 GB of front panel removable storage
- Two 400 GB removable disk “tough packs”
- Extended temperature range 0°C to 60°C
- FTP file transfer and data formatting
- Dual 10/100/1000T Ethernet connections
- Group channel record and playback
- Continuous playback looping

SYSTEM CAPABILITIES

Flexible I/O	Up to two co-resident, self-identifying I/O modules
Network Attached	Dual 10/100/1000T Ethernet
Remote GUI	Control: Record, Stop, Play System configuration: set-up, status and test display Disk file system: view directories, copy, delete

MODULAR I/O INTERFACES (OPTIONAL)

Analog Plug-in Module	200 MSPS: 8-bit A/D and D/A 150 MSPS: 10-bit A/D and D/A 100 MSPS: 12-bit A/D and D/A
A30 A/D-D/A Converter Subsystem	Accommodates one A30 per Eagle T 8-, 104, 12- and 14-bit Up to 40 MHz bandwidth Up to four channels in a single A30
Dual Telecom Plug-in Modules	OC-12, OC-3, E4
Digital Plug-in Modules	Differential ECL up to 200 MB/sec Four-channel RS-422 up to 30 Mbit/sec Differential LVDS up to 200 MB/sec



OPTIONAL FEATURES

- Eagle T I/O Modules: A12, PE170, OC12, OC3, E4, Voice Annotation
- Additional disk storage units and disk “tough packs” available

SWAP

Size	3.5 H x 13 W x 13 D inches
Weight	Less than 40 lbs.
Power	Approximately 250-300 watts Nominal operating voltage 10 Vdc to 36 Vdc or auto-switching 47-63 Hz, 110/220 Vac with external ac adapter

ENVIRONMENTAL

Temperature (operating)	+0 °C to +60 °C Maximum rate of temperature change is 5 °C/minute
Temperature (non-operating)	-20 °C to +70 °C
Humidity	5% to 90% non-condensing
Altitude (operating)	Less than 10,000 feet
Shock and Vibration (operating)	MIL-STD-810E, Method 514.4 Category 10, for minimum integrity
Shock and Vibration (non-operating)	Designed for MIL-STD-810F for shipping via ATV, military air and helicopter within transport case



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