



VLS DLT

DLT4000 OR DLT7000 DRIVE

7 DLT CARTRIDGES

UP TO 490GB CAPACITY

UP TO 36GB/HOUR TRANSFER RATE

FEATURES AND BENEFITS

- 7-cartridge magazines provide snap-in loading and protected storage
- Fits on desktop or in 19-inch rack to integrate easily into data center environments
- DLT4000 or DLT7000 drive choice provides capacity and price flexibility
- Up to 490GB of storage—high capacity for today's rapid data growth
- Fast throughput of up to 36 GB/hour reduces the time needed for backup jobs
- Full application support—integrates seamlessly into Windows NT, NetWare, and UNIX operating systems with all leading backup and archive applications
- Three-year warranty for industry leading investment protection

The ADIC DLT™ Virtual Library System (VLS DLT) is a random access tape library featuring a removable seven-tape magazine.

With up to 490GB of capacity and up to 36GB per hour throughput, the VLS DLT can automate the backup and restore process for Windows NT, UNIX, and Netware file servers.

The removable magazine allows the easy rotation of complete, seven-tape data sets and includes a cover for easy stacking and protection of media.

VLS DLT is available as a desktop unit and can also be mounted in only 6u of rack space using the optional rackmount installation kit.



The VLS DLT's 7-tape magazine provides snap-in convenience and a protected, stacking storage system.



DRIVES AND PERFORMANCE

	VLS DLT400	VLS DLT700
Drive Type:	DLT4000	DLT7000
Data Capacity		
Native:	140GB	245GB
with 2:1 Compression:	280GB	490GB
Transfer Rate		
Native:	90MB/min.	300MB/min.
with 2:1 Compression:	180MB/min.	600MB/min.
File Access Time (Avg):	68 seconds	60 seconds
Data Compression:	On-board DCLZ with variable block size	
Recording Format:	Multiple Track, Linear Serpentine	
Data Buffer:	2MB	8MB
	cache buffer adjusts to host rates	
Removable Magazine:	7-Cartridge Capacity	
Media:	DLTape IV	DLTape IV
Tape Length:	1800 feet	1800 feet
Recording Density (bits/in):	82,000	86,000
Tracks Per Tape:	128	208

OPERATION

Cartridge Change:	10 seconds maximum
Indicators:	LCD menu display for configuration and diagnostic status, Power and Lock status LEDs
Controls:	8-button Keypad
Drive Indicators:	Write Protected, Tape in Use, Use Cleaning Tape, and Tape Density LEDs; Density Select, Tape Unload controls
Interface:	Fast SCSI-2, Single-Ended VLS DLT700: Fast and Wide SCSI-2, Single-ended or Differential

RELIABILITY

Hard Error Rate:	Less than 1 in 10 ¹⁷ bits read
Tape Shelf Life:	30 years minimum (at 20°C, 40% RH)
Maintenance:	Periodic drive head cleaning with DLT Cleaning Cartridge
MSBF:	Greater than 100,000 cartridge changes
MTBF:	Greater than 80,000 power on hours
MTTR:	Less than 30 minutes
Error Correction Code:	Reed Solomon ECC; 64-bit CRC on each 4KB of data; 16-bit CRC on each record; Internal parity checking on cache buffer

PHYSICAL

Dimensions:	17.4"W x 20.45"D x 8"H (43.2cm x 51.9cm x 20.3cm)
Rack Height:	10.5" (26.7cm) or 6u
Weight:	35 lbs (15.9kg)

ENVIRONMENTAL

Electrical:	100-240 VAC; 50-60Hz; 1-0.5A; Auto Voltage Select
Altitude:	30,000 ft (9,144m)
Temperature:	10°C to 40°C Operating
Humidity:	20 to 80% Non-Condensing Operating
Noise Level:	45 dBA
Vibration:	0.25g (5-500 Hz) Operating 0.50g (5-500 Hz) Storage/Shipping
Shock:	2g Operating, 30g Storage/Shipping
BTU/Hour:	225

COMPLIANCE AND CERTIFICATION

Safety:	UL-1950, CSA950, EN 60950
Emissions:	FCC #47 CFR, Part 15, Class B, CSA C108.8M, EN 55022, Class B
Susceptibility:	IEC (801-2, -3, -4)
International:	CE

SOFTWARE AND PLATFORMS

See the most recent ADIC Software Compatibility Guide for a complete list of software and platforms compatible with the VLS DLT.



For further information, contact

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