Tandberg DLT VS80

Introducing the World's First Half-Height DLT Tape Drive

The Tandberg DLT VS80 is now available to provide you with the very same mission-critical reliability, capacity, performance, and value found in the successful DLT1, but in a half-height form factor.

- **High capacity storage product: 40GB/80*GB**
- **Outstanding performance – up to 6MB* per second transfer rate**
- **Recording head life of more than 30,000 hours, media durability of 1,000,000 head passes, MTBF of more than 200,000 hours**
- **Read backward compatible with the DLT4000 format**
- **Supported by all major software suppliers**
- **3-year warranty**

Good Things Come in Small Packages

Customers have told us that a smaller form factor would be a tremendous benefit in terms of space efficiency for both internal and external applications. The Tandberg DLT VS80 tape drive features DLT technology's first half-high, 5.25-inch form factor and offers 80 GB of compressed capacity and a 6 MB/second compressed transfer rate. Now PC servers or workstations can be backed up on one single tape cartridge housed in the server itself.

Scalability is the Solution

The Tandberg DLT VS80 provides a safe and easy transition into high-reliability tape technology because it offers true scalability. DLTtape™ IV media is the basis for making DLT scalability a reality. The quality and reliability of this media is so exceptional that the Tandberg DLT VS80 was developed specifically for DLTtape IV media. This media can be used in any DLT tape drive, plus it's widely available, so finding it is never an issue. As an added benefit, the Tandberg DLT VS80 is read- and write-compatible with the DLT1 and read-compatible with the DLT4000. DLT scalability is now a reality from the desktop to the enterprise.

*Assuming 2:1 data compression

Value Roadmap

Speed ↑

VSTAPE™ 320 VALUSMART

VSTAPE™ 160 VALUSMART

VSTAPE™ 80 VALUSMART

Capacity →

■ *Launching pad for the future*   ■ *Extension of customer investment*

TANDBERG DATA

TECHNICAL SPECIFICATIONS

DRIVE		Tandberg DLT VS80
Capacity (formatted)	Native / Compressed:	40GB / 80GB*
Native Transfer Rate	Burst:	Synchronous 16MB/s
	Sustained:	3MB/s
Compressed Transfer Rate	Sustained:	6MB/s*
Average File Access Time:		68 sec.
System Interface:		Wide Ultra SCSI-2, Low-Voltage Differential (LVD)

Format and Compatibility	
Number of Tracks (tpi):	168 track serial serpentine (84 logical track pairs)
Recording Density:	123 kbits per inch
Encoding Method:	RLL 1,7
Data Compression:	DLZ
Read Compatibility:	DLT4000 format

Media	
Data Cartridges:	DLTtape™IV
Media Data Retention (Archival Life):	30 years with less than 5% loss in demagnetization (@20°C and 40% non-condensing humidity)
Media Durability:	1,000,000 head passes

Reliability and Error Correction	
Undetected Error Rate:	1×10^{27} bits read
Uncorrected Error Rate:	1×10^{17} bits read
Head Life:	> 30,000 hours
Mean Time Before Failure:	> 200,000 hours
Drive Warranty:	3 years

Dimensions	Internal Drive (incl. bezel)	Tabletop Drive
Form Factor:	H: 1.725 in (43.82 mm)	H: 2.608 in (66.24 mm)
	W: 5.834 in (148.18 mm)	W: 8.352 in (212.13 mm)
	D: 8.699 in (220.96 mm)	D: 10.728 in (272.49 mm)
	Weight: 3.2 lb (1.45 kg)	Weight: 7.7 lb (3.5 kg)

Electrical Rating	Internal Drive	Tabletop Drive
Auto Ranging:	N/A	100 to 240 VAC, 50/60 Hz, 0.9 A

Power Requirements (Typical)		Internal Drive	Tabletop Drive
Power Consumption:		+5 VDC excl. bus terminator 1.3 A average (1.6 A max.)	N/A
		+12 VDC motor not running 0.4 A average (1.1 A max.)	N/A
	Standby:	11.5 W steady state (20 W max.)	24 W, 0.76 A @ 110 VAC
Voltage Variations:		+5 VDC ±5%, +12V ±5%	N/A

Environmental Specifications	
Temperature Operating:	50°F to 104°F / 10°C to 40°C
Temperature Non-operating:	- 40°F to 151°F / - 40°C to 66°C
Relative Humidity Operating:	20% - 80%
Relative Humidity Non-operating:	10% - 95%
Altitude:	30,000 ft (9,144 m) maximum
Regulatory Agency Approvals:	UL1950, CSA C22.2 No.950, TÜV EN60950, FCC Part 15 Class A (int.) Class B (ext.), EN55022/B, CISPR22/A (int.) and B (ext.), VCCI/Class A (int.) and B (ext.), EN50082-1, IEC1000-4-2, IEC1000-4-3, IEC1000-4-4, CE, C-Tick

* Assuming 2:1 data compression

TANDBERG DLT VS80 CONFIGURATIONS

Item	Tape Drive	Tape Drive Kit Internal	Tape Drive Kit Tabletop/External
Quick Install Guide	✔	✔	✔
Resource CD		✔	✔
Internal SCSI Interface Cable		✔	
External 68-pin Wide to 68 Wide Interface Cable and external terminator			✔
Data Cartridge		✔	✔
Cleaning Cartridge		✔	✔
Power Cable for US and Europe			✔

TANDBERG DLT VS80 SOLUTIONS

See the most recent Tandberg Data Software Compatibility Guide for a complete list of software and platforms compatible with the Tandberg VS80 Tape Drive at *www.tandberg.com*

Your Dealer:

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