

PROFESSIONAL BACKUP TECHNOLOGY

DLT VS160



DLT SPECIFICATIONS

DLT is a solution addressed to the market that requires high transfer speeds and capacities. There are many backup softwares that complement and help maximize the performance of this powerful technology.

DLT drives read a write data in a linear pattern on the tape, each data track goes the entire length of the tape. When the end of the tape is reached, the heads are repositioned to record a new set of tracks, and the tape is again recorded on its all whole length, this time in the opposite direction.

The head guide assembly in DLT consists of a series of six precision rollers. The DLT guide system links a leader strip on the end of the tape and pulls it out of the cartridge, guides it around the head guide assembly in a smooth arc, and gently wraps it around the tape-up reel in the drive. The rollers guide, but do not pull the tape. Contact between tape and guide is minimized. The recorded side of the tape never touches the guides, minimizing tapewear.

The DLT tape cartridge has only one reel, the second reel is in the DLT drive itself. Instead of travelling between two loosely-anchored reels, the DLT tape travels between the supply reel in the DLT cartridge and the firmly anchored internal take-up reel.

The DLT drive motors act in tandem like an electronic Push-Me-Pull-You. One motor pulls the tape through the tape path while the opposing motor applies just enough drag enough to maintain optimal tape tension. When the tape reverses direction, the roles of the motors reverses, too. Each time a cartridge is loaded the drive calculates and sets the minimum tension required to achieve high-quality, consistent read/write signal.

DLT has a self-cleaning design with tiny islands that wipe the tape. Besides, one quarter of the data on a DLT tape is dedicated to error detection and correction and all DLT drives perform a read after each write command and will automatically re-record data on a parallel channel.

- **The DLT VS160 combines 160GB compressed backup based on DLT technology, with low cost of purchase.**
- **DLT VS160 is read and write compatible with DLT VS80.**
- **DLT VS160 offers 'plug and play' compatibility with top servers, operating systems and backup software.**
- **TapeSense System rejects damaged media to ensure reliability is not compromised.**



This model is also available in black

DLT VS160



Format	5.25"
Capacity Native/Compressed	80/160*GB
Transfer rate Native/Compressed	8/16 MB/s
Backup transfer rate Native/Compressed	480/960 MB/m
Read/Write compatibility	DLT VS80
Search speed	60 s. average
Internal/External Interface	SCSI-3 SE/LVD 68 pins
Reliability	250.000 hours MTBF
Media	DLT VS1 **
Time data are kept	30 years
OS compatibility	*Driver for Windows NT/00/XP *Software for Windows 95/98/Me, OpenServer, UnixWare, Linux
Certifications	CE, UL, TÜV

* 2:1 compression

** DLT VS160 requires a specific cleaning cartridge due to the use of MR high quality heads

¿What's in the box?

- The **Bulk format** includes device and **3 years warranty**.
- The **SuperMast format** includes device, active terminator, SCSI cable, manual and **3 years warranty**.

