



## Tandberg DLT VS160

### The next generation of ValuSmart tape drives

**High Capacity and Performance in Value Priced Tape Storage Solutions. The Tandberg DLT VS160 is the second generation of the ValuSmart tape drive series, which offers: reliability, performance and high storage capacity.**

#### Enterprise Class Features in a Value Priced Solution

Due to the 5.25-inch half height form factor and low power consumption, the Tandberg DLT VS160 tape drive offers an efficient and space-saving tape storage solution. The Tandberg DLT VS160 offers 160 GB compressed storage capacity\* with a transfer rate of up to 16 MB\* per second.

The industry standard Ultra 160 SCSI/LVD interface provides easy connectivity with your server. These features combined with low cost per gigabyte provide the ultimate tape storage solution for entry-level and midrange servers. The DLT

VS160 also provides investment protection and offers backward-read compatibility with DLT1 and DLT VS80 and read compatibility to the future DLT V4 and to SDLT600.

#### Advanced Tandberg VS1 Media

The Tandberg DLTtape™ VS1 utilizes advanced metal particle media that provides increased storage capacity as well as improved reliability and product lifetime. Tandberg DLT VS1 media is a new designed media for the DLT VS160 drive and for future generations of DLT VS tape drives.

\* assuming 2:1 data compression



#### Special functions

- High Capacity: 80 GB / 160 GB\*
- High Performance – transfer rate up to 16 MB\* per second
- High Reliability: Recording head life of more than 30,000 hours
- MTBF of more than 250,000 hours
- Backward read compatible to DLT1 and DLT VS80 formats
- Ultra 160 SCSI/LVD interface



# Specification

# Tandberg DLT VS160

<b>Drive</b>		<b>Tandberg DLT VS160</b>	
Capacity	Native / Compressed:	80GB / 160 GB*	
Burst Transfer Rate:		160 MB/s	
Transfer Rate	Native:	8 MB/s	
	Compressed:	16 MB/s	
File Access Time:		68 s	
System Interface:		Ultra 160 SCSI, LVD/SE	
<b>Format and Compatibility</b>			
Number of Tracks:		240 track serial serpentine	
BPI:		175 kbits per Inch	
Encoding Method:		RLL 0.8	
Data Compression:		DLZ	
Read Compatibility:		DLT1 / DLT VS80	
<b>Media</b>			
Data Cartridges:		DLTape™ VS1 Media (Advanced Metal Particle)	
Dimensions (Width, Length, Height, Weight):		106 mm; 105 mm; 25.40 mm; 223g	
Tape Length:		563 m	
Tape Width:		12.65 mm	
Tape Life Archive Storage:		30 years with less than 5% loss in de magnetization, at 20°C and 40% non-condensing humidity	
Durability:		> 18 years (typical office / computer environment)	
<b>Reliability</b>			
Unrecoverable Error Rate:		< 1 error in 10 Mio. GB	
Head Life:		> 30,000 hours	
Mean Time Before Failure (MTBF):		250,000 hours	
Drive Warranty:		3 years	
<b>Dimensions</b>		Internal (incl. Bezel)	External
Form Factor:		5.25 inch half height	
		Height: 41.10 mm (42.05 mm)	Height: 66.24 mm
		Width: 146 mm (147.50 mm)	Width: 212.13 mm
		Depth: 217.70 mm (222.75 mm)	Depth: 272.49 mm
		Weight: 1.36 kg	Weight: 3.63 kg
<b>Power Requirements</b>		Internal	External
Power Consumption (typical):		+ 5 VDC excl. bus terminator 1.2 A Average (1.6 A max.)	N/A
		+ 12 VDC motor not running 0.5 A Average (0.9 A max.)	N/A
	Standby:	8.4 W steady state (18 W max.)	24 W; 0,38 A@230 VAC
Electrical Ranging:		N/A	100-240 VAC, 50/60 Hz, 0,9 A
Voltage Variations:		+ 5 VDC ± 5%, +12V ± 5%	N/A
<b>Environmental Specifications</b>			
Temperature:	Operating:	+10°C to +40°C	
	Non-Operating:	-40°C to +66°C	
Relative Humidity:	Operating:	20% to 80%	
	Non-Operating:	10% to 95%	
Altitude:		9144 m max.	
Regulatory Agency Approvals:		UL 1950, CSA C22.2 No. 950, FCC Part 15, EMC, EN 55022, EN 55024, EN 60950, EN 61000, CISPR 22/24, VCCI, CNS 13438, AS/NZS 3548, ICES, CE	

\* 2:1 Hardware Data Compression

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