

Tandberg SDLT Autoloader

The Tandberg SDLT™ Autoloader brings you the high capacity, performance and security of an automated tape solution, as well as the proven reliability and scalability of Super DLT technology.



- Up to 2.2TB* storage capacity
- Up to 79GB*/hr transfer rate
- Fits easily on a desk, in a rack or on top of a server
- Removable magazine for easy storage management
- Optional barcode reader for fast cartridge inventory and data retrieval
- Added security with TapeAlert™
- Supported by all major software suppliers
- 3-year warranty

Unattended Backup – High Speed, Capacity and Reliability

The Tandberg SDLT Autoloader is one of the highest capacity (4U half-width) autoloaders available. This highly reliable autoloader contains a single Tandberg SDLT220 tape drive and holds up to 10 SDLTape™I data cartridges supporting random or sequential access. Based on the widely accepted SuperDLTape™ technology renowned for its reliability, you can be assured that your mission critical data is well protected.

Automated Storage Management – Made Easy

The Tandberg SDLT Autoloader has an easy-to-read LCD readout providing the user with drive and media status. The removable magazine allows you to manage the media in an

efficient and safe way. In addition, the optional barcode reader provides an inventory of stored data and automated media tracking so that access to stored data is fast and simple.

Integration and Administration – Made Easy

The Tandberg SDLT Autoloader fits easily on a desktop or server and the 4U size allows two units to be placed side by side in a standard rack. With simplistic and comprehensive diagnostics, user-friendly configuration and installation, the Tandberg SDLT Autoloader provides the industry's easiest maintenance for the network administrator.

* Assuming 2:1 data compression
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TECHNICAL SPECIFICATIONS

DRIVES AND PERFORMANCE

Drive Type:	SDLT220
Data Capacity Native:	1.1TB
Data Capacity Compressed (2:1):	2.2TB
Transfer Rate Native:	11 MB/s / 660MB/min / 39.6GB/hr
Transfer Rate Compressed (2:1):	22MB/s / 1.3GB/min / 79.2GB/hr
Burst Transfer Rate:	80MB/s
SCSI Interface:	SCSI-2, Fast/Wide Ultra 2 SCSI - LVD/SE
File Access Time (Avg.):	60 sec.
Data Compression:	On-board DLZ with variable block size
Access Mode:	Selectable sequential or random operation
Recording Format:	Multiple-track, linear serpentine
Data Buffer:	32MB - cache buffer adjusts to host rates
Tape Capacity:	10-cartridge capacity (7 in a removable magazine, 3 in fixed slots)
Media:	SDLTtape™ I
Tape Length:	1800 feet
Recording Density (bits/in):	133 000
Tracks Per Tape:	448
Backward Read Compatibility:	DLT4000, DLT7000 and DLT8000

Operation

Cartridge Change:	17 sec. maximum
Indicators:	LCD menu display for drive, media, configuration and diagnostic status; power and alarm LEDs
Controls:	4-button keypad; front panel on-off button
Interface:	High density, 68-pin

Reliability

Hard Error Rate:	Less than 1 in 10 ¹⁷ bits read
Tape Shelf Life:	30 years minimum (at 20°C / 68°F, 40% RH)
Maintenance:	Head cleaning with Super DLTtape cleaning cartridge when indicated by drive, or automatic with auto clean enabled
MCBF:	> 250 000 cartridge changes (robotics)
MTBF:	> 220 000 power-on hours (robotics)
MTTR:	< 30 minutes
Drive Head Life (projected):	30 000 tape motion hours
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:	Width: 22.3 cm (8.78 in); Depth: 59.9 cm (23.6 in); Height: 17.8 cm (7.01 in)
Rack Height:	4u (17.8 cm / 7 in)
Weight:	18.0 kg (39.7 lbs.)

Environmental

Electrical:	100-240 VAC; 50-60Hz; 1.2 – 0.45A; Auto Voltage Select
Temperature:	10°C to 40°C (50°F to 104°F) operating
Humidity:	20 to 80% non-condensing operating
Vibration:	0.3g (5-500 Hz) operating
Shock:	2g operating; impact tested per ISTA for storage / shipping

Compliance and Platforms

Safety:	UL-60950/CUL C22.2 No.950; TÜV EN 60950
Emissions:	FCC #47 CFR, Part 15, Class B; CSA C180.8M; EN 55022, Class B; EN61000-3-2; EN61000-3-3
Susceptibility:	EN 55024
Certification Marks:	CE, UL, CUL, GS / TÜV, VCCI, C-tick

Software and Platforms

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

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