

Tandberg SLR Tape Drives

1.2GB and 5*GB

*The Tandberg SLR2, SLR3 and SLR4 tape drives offer up to 5*GB data storage capacity and transfer rates up to 2.2*GB per hour.*



- Tandberg SLR3 and SLR4, the best price-performance tape drives in their class
- Unmatched scalability
- Superior SLR™ reliability, less than 1% field returns per year

They are ideal, extremely affordable professional tape storage management solutions for individual NT and UNIX workstations that require high reliability, scalable data security and future growth potential.

Backup and restore, archival storage, disaster recovery, and data interchange, are critical tasks requiring the best reliability. With field returns of less than 1% per year, (ten times better than the competitor¹) the Tandberg SLR product line is the most reliable choice for these critical tasks. The superior reliability is backed by a 2-year tape drive warranty!

Tandberg SLR products are available as complete turnkey solutions for NT and Unix workstations or as drive kits without software.

Tandberg SLR provides a scalable data storage solution for any department or division within your organization today and for the future.

**Assuming 2:1 data compression.*

¹Source: Strategic Research Corp., Santa Clara, CA. (1997).

TANDBERG DATA

TECHNICAL SPECIFICATIONS

DRIVE		SLR3	SLR4
Capacity (formatted)	Native/Compressed*	1.2GB	2.5/5.0 GB
Buffer Size:		256KB	256KB
Data Transfer Rate	Native Sustained:	300KB/s	300KB/s
	Compressed Sustained*:	—	600KB/s ¹
	Compressed Sustained*:	—	2.2GB/hr ¹
	Burst:	3.0MB/s ^{2,3}	3.0MB/s ^{2,3}
File Access Time	Typical:	45 sec	45 sec
Media Load Time	Typical:	< 30 sec	< 30 sec
System Interface:		— Supports SCSI-2 asynchronous and synchronous data transfer —	
Drive Warranty:		2 Year Factory	2 Year Factory
Format and Compatibility			
Recording Format:		QIC-1000	QIC-2GB
Number of Tracks:		30	42
Backward Write:	FRP/bspi:	45,000/36,000	50,800/40,600
	QIC:	525/150/120	1000/525/150
Backward Read:	QIC:	525/150/120/24 ⁴	1000/525/150/24 ⁴
Media			
Media Data Retention (Archival Life):		> 10 Years	
Data Cartridges:		Magnus 2.5 DC-9120 QD-9120	Magnus 2.5 DC-9250 QD-9250
Reliability and Error Correction			
Hard Read Error Rate:		< 10 ⁻¹⁵	< 10 ⁻¹⁵
Reed Solomon ECC:		Level 2	Level 2
Mean Time Between Failure (MTBF)	Hours:	300,000	300,000
Mean Time To Repair (MTTR):		< 30 min	< 30 min
Tape Motion			
Tape Speed	Read/Write:	53,380 ips	70.9 ips
	Wind/Rewind:	120 ips	120 ips
Start Time (typical):		300 ms	300 ms
Dimensions			
Form Factor:	Internal Drive	External Drive	
	— Internal 5.25-inch half height (HH) —		
	Height: 1.732 in (44 mm)	Height: 2.5 in (64.5 mm)	
	Width: 5.905 in (150 mm)	Width: 8.1 in (205 mm)	
	Depth: 8.583 in (218 mm)	Depth: 10.5 in (267 mm)	
	Weight: 2.4 lb (1.1 kg)	Weight: 5.7 lb (2.6 kg)	
Power Requirements (Typical)			
Power Consumption:	+5Vdc excluding bus terminator: 500 mA / 650 ⁵ mA +12Vdc Standby: 80 mA / Running: 900 mA		
Voltage Variations:	Standby: 3.5 W / Running: 15 W +5Vdc ± 5% and +12Vdc ± 10% including 200 mV maximum ripple		
Power Consumption:	External Drive 100 - 240 Vac / 0.6 - 0.3 A, 50 - 60 Hz		
Environmental Specifications			
Temperature: Operating (Storage):	+5°C to +45°C / +41°F to +113°F ⁶ (-30°C to +60°C / -22°F to +140°F)		
Relative Humidity: Operating (Transport):	20 to 80% (10 to 90%) +26°C / +87°F		
Maximum Wet Bulb Temperature:			
Altitude - Feet (m):	Operating: 13,124 Feet (4,000 m), Transport: 42,653 Feet (13,000 m)		
Regulatory Agency Approvals:	UL 1950, CAN/CSA-C22.2 No 950, EN 60950, IEC 60950, AS/NZS 3548, EN 55022 (CISPR22), FCC part 15 Class B, ICES-003, VCCI, EN55024, CE, C-Tick.		
¹ Assuming 2:1 data compression. ² SLR4 with hardware data compression only. ³ Asynchronous. ⁴ Synchronous. ⁵ QIC-24 (19 tracks, 10,000 FRP), ⁶ SLR4 only - data compressed versions. ⁷ Internal drive ability to meet specifications is dependent on installation configuration.			

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TANDBERG SLR2, SLR3 AND SLR4 CONFIGURATIONS

Item	Bare Drive		Drive Kit		Complete Solutions	
	Internal	External	Internal	External	Internal	External
CD Software Suite (with instruction manual on CD)					✓	✓
Internal SCSI Cable	✓				✓	
External SCSI Cable				✓		✓
SCSI Terminator (external)				✓		✓
Data Cartridge		✓		✓		✓
Power Cable				✓		✓

TANDBERG DATA SOLUTIONS

	SLR2	SLR3	SLR4
Desktop Suite: Backup Exec		●	●
Win 95/98, NT Workstation		●	●
Additional compatibility:			
Windows NT, NetWare, Sun Solaris, AIX,			
SCO-Uinx, UnixWare, UNIX, HP-UX, Linux		OS	OS OS
Macintosh		■	■ ■

● = Complete solution available
 OS = Supported in operating system
 ■ = Support available through other software, see www.tandberg.com



OEM ASSURANCE

The world's largest providers of PC-servers, Workstations and Midrange Systems (Compaq, IBM, Sun, Fujitsu-Siemens) have chosen Tandberg SLR products for their outstanding price-performance, scalability, and reliability.

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