

Tandberg SLR75

The SLR75 for high end NT/UNIX Workstations, entry level NetWare and Windows NT/2000, 2003 small business servers, and small NT/UNIX midrange computers.



Special functions

- Up to 75 GB* with 28,8 GB*/hr transfer rate
- Built on the well proven SLR platform
- Scalability to SLR100 und SLR140
- Backward compatible to SLR60, SLR50, SLR40, SLR32, SLR24, SLR7, SLR5, SLR4
- Integrated Media Management to monitor the quality of the tape
- Auto Sensing transfer rate
- Added security with TapeAlert™
- Broad platform, operating system and 3rd party tape application support
- 3-year warranty

New Capacity

Tandberg's SLR75 provides small to medium size businesses a stronger value proposition. SLR75 meets the demands of entry level server storage requirements today and for the future as entry level hard drive capacities grow.

Reliability and Scalability

The SLR75 is a further-development of the proven SLR platform. The drive offers all the advantages of the SLR technology, above all, the well-known maximum reliability. This is due to diverse design-related and software-based security features like Reed Solomon Error Correction Code (ECC) Level 10, Tape Alert and the Media Management function. The Media Management function continuously analyses and monitors the quality condition of the

magnetic tape. This results in an early detection of tape contamination or damage and thus allows an early replacement with a new tape. The average annual failure rate of SLR drives is less than two 2 % (based on the total installed base of more than 3.2 million units).

Configurations

The Tandberg SLR75 is available as a complete turnkey solution including award winning Computer Associates BrightStor ArcServe PC server application software for Windows NT, Windows 2000, 2003 and Novell Netware or as a drive kit including cable, media, cleaning cartridge and user guide (without software).

* assuming 2:1 data compression

Technical specifications Tandberg SLR75

Technical Specifications		
Drive	Tandberg SLR75	
Capacity	Native / Compressed:	38GB / 75 GB*
Buffer Size:	8 MB	
Transfer Rate	Native/sustained:	4 MB/s, 3 MB/s
	Compressed/sustained:	8.0 MB/s (28.8 GB/hr), 6.0 MB/s (21.6 GB/hr)
	Burst:	40 MB/s
File Access Time:	< 68 sec	
Media Load Time:	< 30 sec	
System Interface:	SCSI-3, Multimode Wide Ultra (SE)/Ultra2 (LVD) ¹	
Tape Alert Compliant:	YES	
Drive Warranty:	3 Year Factory	
Format, Compatibility and Media		
Recording Format:	ALRF-1 (Advanced Linear Recording Format)	
Encoding/Decoding:	VR ² RLL	
Number of Tracks:	192 data tracks (+24 servo tracks)	
Written bit density:	152.4 kfc	
Backward Write:	SLR75, SLR60, SLR50, SLR40	
Backward Read:	SLR75, SLR60, SLR50, SLR40, SLR32, SLR24, SLR7, SLR5, SLR4	
Media:	SLRtape 75	
Media Data Retention (Archival Life):	>10 years	
Reliability and Error Correction		
Hard Read Error Rate:	< 10 ⁻¹⁷	
Reed Solomon ECC:	Level 10	
Mean Time Between Failure (MTBF)	Hours:	300 000 (20% duty cycle)
Mean Time To Repair (MTTR):	< 30 min	
Tape Motion		
Tape Speed	Read/Write:	51.7 or 70.0 ips auto selected depending on tape format and host transfer rate
	Wind/Rewind:	103 ips
Start/Stop Time (typical at 70.0 ips)	360 ms / 220 ms	
Dimensions		
	Internal Drive	External Drive
	-5.25-inch half height (HH)-	
	Height: 1.732 in (44 mm)	Height: 2.5 in (59 mm)(64.5 mm) ²
	Width: 5.905 in (150 mm)	Width: 8.1 in (198 mm)(205 mm) ²
	Depth: 8.583 in (218 mm)	Depth: 10.5 in (257 mm)
	Weight: 2.4 lb (1.1 kg)	Weight: 9.02 lb (2.6 kg)
Power Requirements (Typical)		
	Internal Drive	External Drive
Power Consumption:	+5Vdc rxcl. bus terminator 1.5 / 1.2 A (sleep mode)	-
	+12VDC motor not running 100 mA	-
	+12Vdc motor running 1.3 A	-
Standby:	7.2 W / Running: 23.1 W	-
	N/A	100-240 Vac / 0.6-0.3 A, 50-60 Hz
Voltage Variations:		
	+5Vdc +/- 5% including 125 mV max. ripple	-
	+12Vdc +/- 10% including 200 mV max. ptp ripple	-
Environmental Specifications		
Temperature: Operating (Storage):	+5°C to +40°C / +41°F to +104°F (-30°C to +60°C / -22°F to +104°F)	
Relative Humidity: Operating (Storage):	20 to 80% (5 to 95%)	
Maximum Wet Bulb Temperatur:	+26°C / +79°F	
Altitude-Feet (m):	Operating: 13,000 Feet (4,000 m); Transport: 40,000 Feet (12,200 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	
*Assuming 2:1 Data Compression. ¹ Burst transfer rate is limited to 40 MB/s (20 megatransfer), ² With rubber feet Internal drive ability to meet specifications is dependant on installation configuration		

Your Reseller:

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TANDBERG DATA
Securing your Information