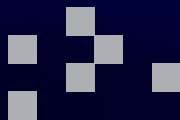


SINGLE SLR TAPE SUBSYSTEM

EntryDR™





The Single SLR Tape Subsystem is part of GST's EntryDR™ family. Single SLR Tape Subsystems are housed in upgradeable modular enclosures. This subsystem delivers high-performance and high reliability at cost-effective pricing to meet basic backup needs for the small to medium range of servers.

Building-block modularity enables the Single SLR Tape Subsystem to be upgraded to GST's Dual SLR Tape Subsystem to strengthen disaster recovery protection. An LCD panel provides an advanced operator interface for visibility over the backup operation.

The Single SLR Tape Subsystem can backup a wide variety of servers. They connect natively with LVD (low voltage differential) and HVD (high voltage differential).

THE BIG PICTURE

- Single SLR75 and SLR140 tape drives in external enclosure.
- Capacity: SLR140 is 70GB native (140GB compressed).
- Speed: SLR140 is 21GB/hour native (43GB/hr compressed).
- LCD operator panel improves backup efficiency.
- 2-level media protection with SLR75 and SLR140.
- Roadmap to SLR200 and SLR400.
- SLR range: single, dual-drive unit and autoloader.
- Supports LVD and HVD connections.

MODEL OVERVIEW

GST's Internal SLR Tape Subsystem is available in a variety of models. sDLT technology is available in one server-to-SCSI Adapter interfaces:

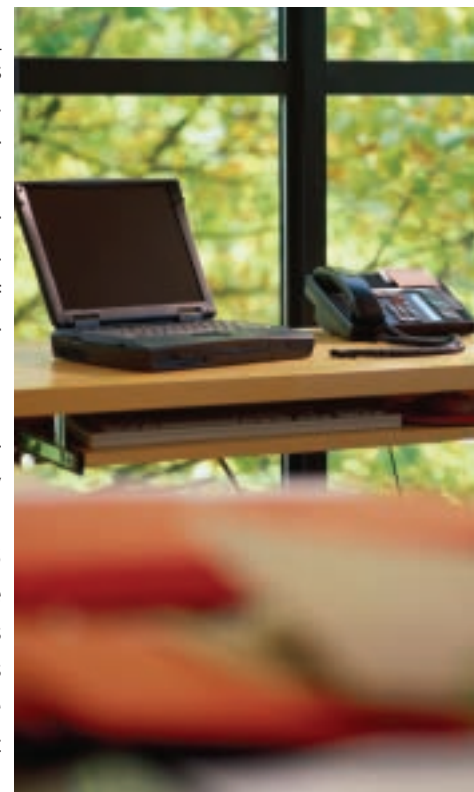
LOW VOLTAGE DIFFERENTIAL (LVD). Maximum SCSI negotiation of 160MB/s; the total server-to-storage peripheral connectivity is 12 meters.

High Voltage Differential (HVD). Maximum SCSI negotiation of 40MB/s; the total server-to-storage peripheral connectivity is 25 meters.

SLR TECHNOLOGY

SLR (Scalable Linear Recording) tape technology has evolved through three generations to the popular versions today: SLR75 and SLR140. Native capacities for SLR75 and SLR140 are 37GB and 70GB (75GB, 140GB compressed) with speeds of 14GB/hour and 21GB/hour (28GB/hour, 43GB/hour compressed). It has a 6-generation roadmap that provides for a native capacity of 200GB per cartridge (400GB compressed) and a transfer rate of up to 115GB/hour (230GB/hour compressed).

SLR technology provides high capacity and performance, backward compatibility, reliability, scalability and the use of existing media now and in the future. Data is recorded in parallel on four tracks for SLR75 and SLR140. Data placement ensures that it can be read during a restore operation even if the media is degraded. The current generation of SLR technology is characterized by large data buffers, In-Line Compression feature and an Auto-Sense function that optimizes tape speed.



KEY BENEFITS

Hardware Investment Protection – The modular design of the Single SLR Tape Subsystem protects user investment by permitting the original single drive unit to be retained unmodified as part of the upgraded Dual SLR Tape Subsystem.

Space Saver – The small dimensions and weight of the modular configurations facilitate the optimum use of datacenter space.

Media Investment Protection – SLR75 and SLR140 are backward-read compatible, and forward-read compatible to future generations.

Serviceability – Modularity of design permits individual drives to be easily replaced in building-block fashion by the user.

KEY FEATURES

Stackable Enclosures – Individual modular enclosures enable each drive and the mirrored backup controller to be handled as separate building blocks; facilitates field upgrade from single to dual drives.


LCD Display Panel – Multi-function LCD continuously displays drive and backup status.

Service and Support – A variety of support programs provide installation and onsite service; includes GST's Accelerated Ship Program (GASP) to get replacement units on the scene rapidly.

Warranty – Purchase price includes built-in 3 year warranty.



SINGLE SLR TAPE SUBSYSTEM



SPECIFICATIONS	SLR75	SLR140
Capacity - Mirrored Mode		
Native	37 GB	70 GB
Compressed	75 GB	140 GB
Capacity - Cascade Mode		
Native	75 GB	140 GB
Compressed	150 GB	280 GB
Sustained Transfer Rate - MB/s		
Native	4 MB/s	6 MB/s
Compressed	8 MB/s	12 MB/s
Sustained Transfer Rate - GB/hr		
Native	14 GB/hr	21 GB/hr
Compressed	28 GB/hr	43 GB/hr
Buffer Size	8 MB	8 MB
MTBF	300,000 hours	300,000 hours
Uncorrectable Error Rate	10-17 bits	10-17 bits
Average Media Load Time	< 30 seconds	< 30 seconds
Average Access Time	53 seconds	89 seconds
Power Consumption	120 watts	120 watts
Dimensions (H x W x D), Desk	10.25" x 9" x 11.25"	10.25" x 9" x 11.25"
Weight, Desk	9 lbs	9 lbs
Dimensions (H x W x D x U), Rack	4" x 18" x 20" x 2U	4" x 18" x 20" x 2U
Weight (unpopulated), Rack	30 lbs	30 lbs
Media	SLRtape 75	SLRtape 140
Warranty	3 Years	3 Years

1. Compressed Capacity & Transfer Rate Assumes 2:1 Ratio.



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GST, Inc. engineers, manufactures, markets and sells a full line of innovative storage backup and restore products to meet today's need for high-performance, fail-safe reliability and cost-effective data storage. Products include single and dual tape subsystems, autoloaders, midrange tape libraries and modular enterprise-wide libraries. Complete information about the company, its products and support can be found at: www.gstinc.com

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