

SL3 Tape Library

Uncompromising flexibility meets affordability

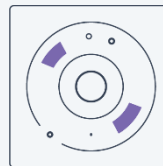
The Spectra® SL3 tape library delivers affordable, automated data protection and archiving in a compact 3U rackmount form factor. Ideal for small, medium businesses, department-level or regional IT environments, the Spectra SL3 library provides enterprise-class features, multi-petabyte scale, and supports the latest LTO tape technologies. Built on a proven platform and compatible with a wide range of data archive, management and backup applications, the SL3 library is a highly scalable platform for long-term data preservation with unbeatable TCO.

Easy to Deploy and Service



- Rapid installation: less than 1 hour from out-of-the-box, racked, and into production
- User-replaceable components for minimal service downtime

Scalable



- Scales from 1 to 640 tapes, up to 11.5 PB native capacity¹
- Supports LTO-6 through LTO-9
- Intermix LTO half-height tape drives

Intuitive, Secure Management



- Intuitive, remote, web-based management
- Supports SSL/TLS encryption, user authentication, SNMP, and email error reporting

Reliable and Available



- Maximize performance and save time with Spectra Certified Media, guaranteed for life
- Data center-grade reliability, robotic reliability at 2,000,000 MSBF for long-term operation

Modular and Scalable Design

Spectra SL3 libraries are conveniently rack-mounted and highly scalable.

Start with a 40-slot control module and add up to 15 expansion modules totaling 640 cartridges.

Supports up to 48 half-height tape drives¹.

Accommodates up to 20 partitions to simultaneously serve multiple applications.



Spectra SL3 Control Module

¹. Based on the maximum configuration of a control module and fifteen (15) expansion modules with LTO-9 media.

Spectra SL3 Library Overview

Preserve Your Storage Investment

The Spectra SL3 library delivers long-term investment protection, with quick, seamless, and economical capacity and performance upgrades. Migration of existing LTO tape drives and media from Spectra or other third-party libraries is supported, ensuring maximum preservation of previous capital investments.

Reliable, High-Performance Tape Media You Can Trust

[Spectra Certified Media](#) delivers the highest levels of reliability, performance, and longevity for LTO tape formats. With a rigorous 7-step certification process, it ensures optimal tape health, faster performance, and reduced drive wear. Backed by a lifetime guarantee, Spectra Certified Media offers true peace of mind for long-term data protection.



Spectra SL3 tape library with one (1) expansion module

Spectra SL3 Specifications

	Max. Media / Slots	Max. Native Capacity ²	Max. Compress Capacity ³	Max. Drives ⁴	Max. Native Throughput (TB/hr.) ⁵	Max. Partitions	Tape Drives Supported	Dimensions millimeters (inches) H x W x D
Control Module	40	.7 PB	1.8 PB	3 HH	3.2	20	LTO-9 LTO-8 LTO-7 LTO-6	134 x 475 x 892 (5.27 x 18.7 x 35.1)
Expansion Module	40	.7 PB	1.8 PB	3 HH	3.2	NA		134 x 475 x 892 (5.27 x 18.7 x 35.1)
Max. Config. ¹	640	11.5 PB	28.8 PB	48 HH	51.8	20		2,144 x 475 x 892 (84.32 x 18.7 x 35.1)

¹ Maximum configuration is one (1) Control module and fifteen (15) Expansion modules.

² Maximum native capacity is based on LTO-9 media.

³ Compression ratio for LTO is 2.5:1.

⁴ Half-height tape drives support Fibre Channel and SAS.

⁵ Native throughput based on half-height LTO-9 drives.

Allowable and Recommended Environment

	Dry-bulb Temperature	Maximum Temperature Rate of Change	Relative Humidity (non-condensing)	Maximum Humidity Rate of Change	Altitude (max)
Allowable	16°C to 32°C (60°F to 90°F)	5°C per hour 9°F per hour	20% to 80%, 22°C dew point max	5% per hour with no condensation	3,048 m (10,000 ft)
Recommend	16°C to 25°C (60°F to 77°F)	5°C per hour 9°F per hour	20% to 50%, 22°C dew point max	5% per hour with no condensation	3,048 m (10,000 ft)

Summary

Spectra Logic and Dell partner to deliver scalable, reliable and affordable tape-based data protection solutions. The Spectra family of libraries, from the SL3 to enterprise-class systems, integrates with Dell environments to provide long-term retention, compliance archiving, and air-gapped resilience for critical data.

Ideal For

Small, medium businesses (SMB) that need a cost-effective, scalable and cyber-resilient option for long-term data preservation. The Spectra SL3 is an ideal choice for customers using backup or disk storage who need an offline or compliant tier for retention and ransomware protection.

About Spectra Logic Corporation

Spectra Logic modernizes IT infrastructures to preserve, protect and defend data, from days to decades, whether on-premises, in a single cloud, across multiple clouds or in all locations at once. Our cost-effective solutions help organizations efficiently manage, migrate and store long-term data, from terabytes to exabytes, with features that make it ransomware resilient.