

Spectra[®] 64K Library

**SPECTRA 64K LIBRARY
MAKES IT EASY TO ACHIEVE:**

EXCEPTIONAL
STORAGE DENSITY

DATA CONSOLIDATION

NETWORK FLEXIBILITY

EXTREME SCALABILITY

REMOTE MANAGEMENT



SPECTRA LOGIC

THE SPECTRA 64K LIBRARY MAKES BACKUP EASY

THE SPECTRA 64K LIBRARY makes it easy to protect enterprise data and cope with continuous data growth during a time of flat IT budgets. The library delivers the highest storage density in the industry at very competitive pricing, thus making it easy for customers to achieve higher return on their data backup investment. The Spectra 64K library with AIT-3 drives delivers 3.6 TB of throughput per hour and 166 TB of compressed storage capacity in only 40U of rack space.

Like all Spectra Logic products, the Spectra 64K library offers long-term investment protection with upgradeable drives, storage networking interfaces and software enable features.

Spectra 64K features

Extreme Scalability

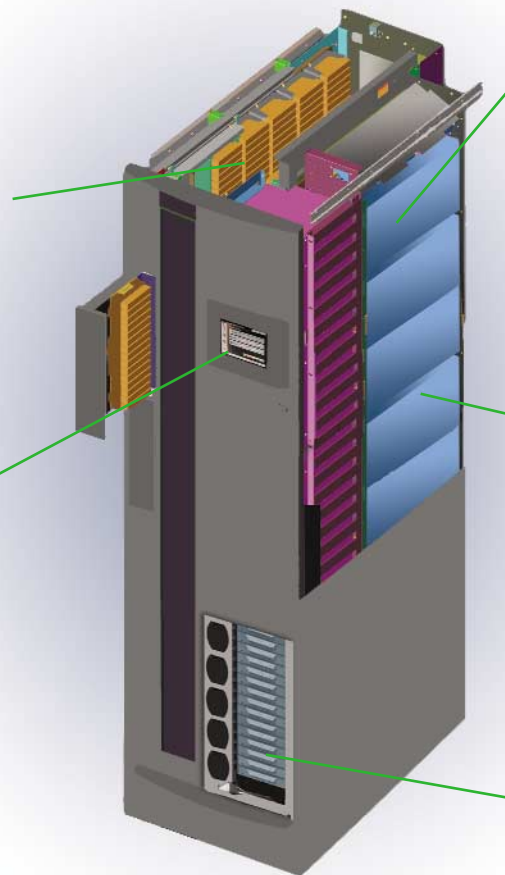
CoD™ allows users to easily scale up storage capacity in one library on an as-needed basis. With CoD, users can efficiently manage their data growth while eliminating long-range forecasting and expensive retrofits.

Remote Management

The **Library Controller's** color touch screen makes it easy to manage daily backup operations on site. The Web-based **Remote Library Controller** option makes it easy for end users to manage the Spectra 64K library from anywhere in the world.

Additional Spectra 64K Features and Capabilities

- ✓ 100 to 645 cartridges
- ✓ Up to 32 drives (as shown right)
- ✓ AIT-2, AIT-3, AIT-4 (2003)
- ✓ Operating system compatibility
- ✓ ISV certified (See www.spectralogic.com for support matrix)
- ✓ Hot swappable components
- ✓ SCSI, LVD SCSI, Fibre Channel, 2 Gigabit Fibre Channel and Gigabit Ethernet connectivity
- ✓ NDMP, Serverless backup, iSCSI
- ✓ Removable media pack (as shown right)
- ✓ Dual Entry/Exit port (as shown right)
- ✓ Standard rack footprint
- ✓ SNMP, SMTP, XML
- ✓ Dual AC (option), N+1 power (option)
- ✓ AIT-3 drive MTBF = 400,000 hours



Networking Flexibility

TAOS™ makes it easy to enable centralized, storage networking for IP and Fibre Channel SANs, giving customers flexible options to suit their ever-changing networking environments. TAOS' Gigabit Ethernet and 2 Gigabit Fibre Channel connectivity can leverage existing LANs while improving efficiencies with SAN environments at the same time.

Data Consolidation

Shared Library Services™ (SLS) library partitioning makes it easy for customers to utilize new and legacy operating systems, backup software and Sony tape drives in one Spectra 64K library simultaneously. Since the library can be partitioned into 16 virtual libraries, end users can share backup operations with more than one department, application or office location.

Customer Support options start with **Assisted Self Maintenance (ASM)**, which allows customers to save money and easily control general maintenance issues themselves with hot swappable drives, power supplies, interfaces, etc. For service offerings, please visit www.spectralogic.com/support.

Physical Characteristics

In Rack dimensions: 80"H x 24"W x 35"D Weight: 810 pounds (fully loaded)

Power Requirements

Input power: 200-240 VAC, 15 Amps, 50-60 Hz

Power consumption (fully loaded): 1800 W maximum, 1200 W typical



Advanced
Intelligent
Tape

SPECTRA LOGIC

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Tape Technology Migration Path (645 slot, 32 drive Spectra 64K library)

Generation	Cartridge Capacity	Drive Transfer Rate	System Capacity	System Transfer Rate
AIT-2	130 GB	56 GB/hr	84 TB	1797 GB/hr
AIT-3	260 GB	112 GB/hr	168 TB	3594 GB/hr
AIT-4	520 GB	225 GB/hr	333 TB	7188 GB/hr

*AIT-4 (2003)

Average robotic access time: <12 seconds

AIT compression rates are shown as 2:6:1