



Dynamic Solutions
INTERNATIONAL



DSI4100 Series

DSI automated tape libraries offer the most advanced backup and archive capabilities. As data needs are increasing at a staggering rate and regulations require that data be kept long term, IT managers have to make tough decisions. DSI recognizes that companies need to do more with less. The DSI4100 Series offers tape library solutions from 60 to 80 cartridges and up to 500TB compressed capacity (max.). The DSI4100 Series was designed for IT offices with limited space and resources. The DSI4100 series offers reliable backup, and disaster recovery.

Scalable

The DSI4100 series supports either LTO5 (DSI4116) or LTO6 (DSI4117) drives. The scalable design allows you to customize your backup solution starting from a 6u, 60-slot, single drive library up to as many as 560 slots and 42 tape drives. The seamless design allows you to grow incrementally with your data, there is no need to be able to estimate your data growth five years into the future.

The effortless expansion occurs by connecting additional 6u models for up to 7 in a 42" rack. With DSI's expert knowledge and experience installation and configuration will be seamless for your environment.

Simple

DSI understands that data storage can be a complex and costly endeavor. The DSI4100 Series provides a simple solution that reduces your need for administrative cost, while securing data in the most efficient way possible. The web-based remote management allows easy and convenient control from anywhere in the world. The DSI4100 Series allows you to add, remove, or replace tapes with ease.

Affordable

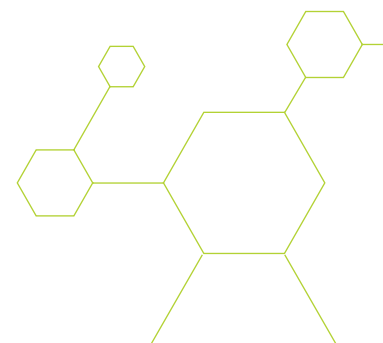
The DSI4100 Series delivers an affordable purchase price as well as long-term cost of ownership benefits. The intuitive features allow you to spend less time managing your archive backup, which reduces the administrative cost. Plus, the peace of mind knowing that your data is archived and accessible is priceless.

Contact a DSI sales representative at sales@dynamicssolutions.com for more information.

**THE DSI4100
SERIES OFFER TAPE
LIBRARY SOLUTIONS
FROM 60 TO 80
CARTRIDGES AND UP
TO 500TB COMPRESSED
CAPACITY..**

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DSI4116/4117-F60

- Capacity ranging from 90TB to 375TB
- Data transfer rates ranging from 504 GB/hr. to 4.3TB/hr.
- 6u form factor
- Scales up to 560 slots and 42 tape drives
- Removable cartridge magazines
- Support for Overland Storage LTFS solutions

DSI4116/4117-F80

- Capacity ranging from 120TB to 500TB
- Data transfer rates ranging from 504 GB/hr. to 8.6TB/hr.
- 6u form factor
- Scales up to 560 slots and 42 tape drives
- Removable cartridge magazines
- Support for Overland Storage LTFS solutions

CONFIGURATION	DSI4116/4117-F60		DSI4116/4117-F80		DSI4100 Expansion	
# of cartridge slots	60		80		80	
# of mail slots	Up to 10		Up to 10		Up to 10	
# of tape drives	Up to 3 HH		Up to 6 HH		Up to 6 HH	
Tape drive types supported	LTO5 FC, LTO6 FC		LTO5 FC, LTO6 FC		LTO5 FC, LTO6 FC	
max. # of modules supported	1 base + 6 expansions		1 base + 6 expansions		1 base + 6 expansions	
max. # of cartridge slots*	560		560		n/a	
max. # of tape drives*	Up to 42 HH		Up to 42 HH		n/a	
CAPACITY (native/compressed)	LTO6	LTO5	LTO6	LTO5	LTO6	LTO5
max. native capacity per module	150 TB	90 TB	200 TB	120 TB	200 TB	120 TB
max. compressed capacity per module	375 TB	180 TB	500 TB	240 TB	500 TB	240 TB
max. native capacity - fully scaled	1.1 PB	630 TB	1.4 PB	840 TB	n/a	n/a
max. compressed capacity - fully scaled	2.6 PB	1.3 PB	3.5 PB	1.7 PB	n/a	n/a
PERFORMANCE (native/compressed)						
max. native data transfer rate per module	1.7 TB/hr.	1.5 TB/hr.	3.5 TB/hr.	3.0 TB/hr.	3.5 TB/hr.	3.0 TB/hr.
max. compressed data transfer rate per module	4.3 TB/hr.	3.0 TB/hr.	8.6 TB/hr.	6.0 TB/hr.	8.6 TB/hr.	6.0 TB/hr.
max. native data transfer rate - fully scaled	12.1 TB/hr.	10.6 TB/hr.	24.2 TB/hr.	21.2 TB/hr.	n/a	n/a
max. compressed data transfer rate - fully scaled	30.2 TB/hr.	21.2 TB/hr.	60.5 TB/hr.	42.3 TB/hr.	n/a	n/a
	LTO6	LTO5	LTO6	LTO5	LTO6	LTO5
INTERFACES	8 Gb FC		8 Gb FC		8 Gb FC	
DIMENSIONS						
H x W x D	10.6" x 18.7" x 35.1" 268mm x 475mm x 892mm		10.6" x 18.7" x 35.1" 268mm x 475mm x 892mm		10.6" x 18.7" x 35.1" 268mm x 475mm x 892mm	
Rack height	6u per module; 42u max.		6u per module; 42u max.		6u per module; 42u max.	
Weight (packaged)	121 lbs. / 54.5 Kg		121 lbs. / 54.5 Kg		100 lbs. / 50.0 Kg	
RELIABILITY						
MCBF (mean cycles between failures)	>2,000,000		>2,000,000		>2,000,000	
MTTR (mean time to repair)	<10 minutes		<10 minutes		<10 minutes	
ENVIRONMENTAL						
Operating temperature	5° to 40°C		5° to 40°C		5° to 40°C	
Operating humidity	10% to 80% RH non-condensing		10% to 80% RH non-condensing		10% to 80% RH non-condensing	
Voltage/Frequency	100 - 240 V; 50/60 Hz		100 - 240 V; 50/60 Hz		100 - 240 V; 50/60 Hz	
Power	350 watts		350 watts		350 watts	

Visit us at DynamicSolutions.com or call +1 303.754.2000 to speak directly with a storage systems specialist.



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