



# DSI400 Series: IBM

## DSI400 Series VTL Appliances

### Experience You Can Trust

Protecting the world's information is our mission. With 40+ years of experience in data protection solutions and expertise in both disk and tape technologies, DSI meets the needs of IT professionals worldwide. DSI offers optimized solutions for data backup.

### Maximize Use of Valuable Resources

The DSI400 Series offers data storage ranging from 2-48 TB. It is designed to help you keep pace with your rapidly expanding data by utilizing sizing options from small to mid-range. The entry level appliances have static capacity, but the mid-range DSI400-MEM can scale from 16-48 TB when paired with the DSI400-SEM storage module. The DSI400-SEM connects to the DSI400-MEM VTL by SAS attachment and can allow your storage to grow with your needs.

### Protect Your Investment






Data security is at the forefront of our minds when building a storage solution. DSI utilizes the industry's top standards for encryption and encryption-at-rest technology. The DSI400 Series comes with encryption-at-rest as a standard feature and for those looking to protect their information in transit there is an optional feature of secure encryption-in-motion.

### Maximize Your Efficiency

As data storage needs increase worldwide, all companies will need a way to get the most out of their storage solutions. The DSI400 series is designed for efficiency. The DSI400 Series is able to allow complex environments to become automated, saving you time and money.

Reach out to your DSI sales representative today to learn more.

WITH **40+**  
YEARS OF EXPERIENCE  
IN DATA PROTECTION  
SOLUTIONS AND  
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DISK AND TAPE  
TECHNOLOGIES,  
DSI MEETS THE NEEDS  
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WORLDWIDE.

					
	DSI400-NEM	DSI400-BEM	DSI400-VEM	DSI400-MEM	DSI400141-SEM
	VTL	VTL	VTL	VTL	Storage Module
End user capacity	2TB	4TB	8TB	16TB	16TB
	Entry Level VTL Appliance	Entry Level VTL Appliance	Value line VTL Appliance	Mid Range VTL Appliance	SAS connected <b>ENCRYPTED</b> Storage Module for DSI400-MEM
# virtual libraries	128	128	128	128	
# virtual tape drives	1,024	1,024	1,024	1,024	
# virtual tape cartridges supported	4,000	4,000	8,000	64,000	
Backend physical tape	SAS only	SAS only	SAS, FC	SAS, FC	
Replication (w/ encryption / compression)	YES	YES	YES	YES	
SecureTape encryption	YES	YES	YES	YES	
Tape consolidation (stacking)	YES	YES	YES	YES	
High Availability	NO	NO	NO	NO	
Data De-duplication	NO	NO	NO	NO	
VTL Agent	OPTION	OPTION	OPTION	OPTION	
Open systems ISV attachment	YES	YES	YES	YES	
Processors	1 x quad core	1 x quad core	2 x six core	2 x eight core	
RAM	20 GB	20 GB	24 GB	48 GB	
Number of GBe Ports	2	2	4	4 - 16 GB	0
Number of FC Ports	2 - 8 GB	2 - 8 GB	4 - 16 GB	4 + 2 (Note 2)	0
Number of SAS Input Ports	0	0	0	0	2
Number of SAS Output Ports	1	1	1	2	2
Internal storage capacity (usable)	7 TB raw (2TB)	7 TB raw (4TB)	20 TB raw (8TB)	36 TB raw (16TB)	36 TB raw (16TB)
# drives	7 x 1TB	7 x 1TB	5 x 4TB	8 x 4TB	9 x 4TB
Raid Level	6	6	6	6 + 1	6 + 1
Secure Encrypted Disk	YES	YES	YES	YES	YES
Dimensions (H x W x D):	1.75" x 17.1" x 25.3"	1.75" x 17.1" x 25.3"	3.40" x 17.44" x 26.80"	3.40" x 17.44" x 26.80"	3.39" x 18.8" x 23.17"
Weight:	42 lbs	42 lbs	65 lbs	71.5 lbs	62.6 lbs 12-drives
Temperature / Humidity considerations:	10 - 35°C / 10 - 80%	10 - 35°C / 10 - 80%	10 - 35°C / 10 - 80%	10 - 35°C / 10 - 80%	10 - 35°C / 8 - 85%
Heat output / cooling requirements:	2,133 BTU's/hr	2,133 BTU's/hr	4,100 BTU's/hr	4,100 BTU's/hr	1,900 BTU's/hr
Power supply rating (self switching)	100 - 240v, 50/60hz	100 - 240v, 50/60hz	100 - 240v, 50/60hz	100 - 240v, 50/60hz	100 - 240v, 50/60hz
Power / breaker requirements - US / C	500w/110v/7.4a	500w/110v/7.4a	1,100w/110v/12a	1,100w/110v/12a	600w/110v/5.64a
Power / breaker requirements - Int'l	500w/240v/3.7a	500w/240v/3.7a	1,100w/240v/6.5a	1,100w/240v/6.5a	600w/240v/2.54a
Form Factor	1U	1U	2U	2U	2U

Visit us at [DynamicSolutions.com](http://DynamicSolutions.com) or call +1 303.754.2000 to speak directly with a storage systems specialist.



**Dynamic Solutions**  
INTERNATIONAL