



**Dynamic Solutions**  
INTERNATIONAL

"Protecting the World's Information"



# DSI620 Series Appliances

## Experience You Can Trust

Protecting the world's information is our mission. Offering 50+ 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, recovery, and archiving. DSI has award winning designs, patented technologies, superior reliability, first class sales and support, and a variety of solutions customized to meet your needs.

## Maximize Use of Valuable Resources

DSI620 integrated appliances provide enterprise backup and recovery features, deduplication, and onboard repository storage - all in a single, flexible system. Add a second appliance with replication to move your data off site and protect your organization's business critical data. There is no disruption as your capacity or performance needs change...simply add a capacity license to your existing solution. Designed with growth in mind, the entire 620 Series can increase in storage capacity through licensing of 1TB increments (5TB logical capacity). No need to purchase more backup capacity than you need.

## Enterprise Security

Data security is at the forefront of our minds when building a backup and disaster recovery solution. DSI utilizes the industry's top standards for encryption and encryption-at-rest. Rest assured your data is always protected: The DSI620 comes with encryption-at-rest and encryption-in-flight as standard features, and supports physical tape encryption as well.

**Automate your Unisys Clearpath environment with DSI Host-based management software**

DSI Media and Library Management applications integrate into your existing environment, delivering automated, host-based policies for backup and recovery. This allows administrators to manage, monitor and control all of the Virtual Tape Library's (VTL) functions directly from the host.

**TAPEMANAGER**

 **DSI  
VTL AGENT**

THE **DSI620**  
IS DESIGNED TO  
HELP YOU KEEP  
PACE WITH  
YOUR RAPIDLY  
EXPANDING  
DATA BY  
UTILIZING STATE  
OF THE ART  
DEDUPLICATION  
FOR YOUR  
BACKUPS

## Component Description for DSI620

**DSI620-D24:** Base Unit for deduplicating VTL capable of supporting from 4 - 96TBs\* of logical backup capacity.

**DSI620-D48:** Base Unit for deduplicating VTL capable of supporting from 4 - 192TBs\* of logical backup capacity.

\*See configuration table for details.

**UNISYS**



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Model	DSI620-D24	DSI620-D48
Storage	9 x 8TB SED drives 5-120TB logical capacity	12 x 8TB SED drives 5-240TB logical capacity
Raid Level	6+1	6+1
Processor Type	2 x Xeon 4310	2 x Xeon 4310
Memory	128GB	256GB
FC Interfaces	4 x 16Gb FC ports (+2 option)	6 x 16Gb FC ports (+ 2 option)
Power Supply	2 x 1100W (N+1) Hot Swap	2 x 1100W (N+1) Hot Swap
Power Requirements	100–240 V AC (12 A-6.3 A)	100–240 V AC (12 A-6.3 A)
Physical Dimensions	482.0 mm (18.98") x 736.29 mm (28.92") x 86.8 mm (3.42")	482.0 mm (18.98") x 736.29 mm (28.92") x 86.8 mm (3.42")
Form Factor	2U	2U
Weight	35.3 kg (77.82 lb.)	35.3 kg (77.82 lb.)
Operating Temperature	10°C to 35°C (50°F to 95°F)	10°C to 35°C (50°F to 95°F)
Cooling Requirements	4299 BTU/hr.	4299 BTU/hr.
Operating Humidity	8% to 80% relative humidity	8% to 80% relative humidity
Max Virtual Libraries	128	128
Max Virtual Tape Drives	1,024	1,024
Max Virtual Tape Cartridges*	64,000	64,000
Deduplication	Included	Included
Backend Physical Tape Support	Included	Included
Replication	Option	Option
Tape Consolidation	Option	Option
Tape Encryption	Option	Option
SAS Tape Interface	Option	Option
10Gb Network	4 x 10Gb RJ45 standard (SFP+ option)	4 x 10Gb RJ45 standard (SFP+ option)
Cloud Export	Option	Option

\* Maximum virtual tape cartridges varies by configuration

Visit us at [DynamicSolutions.com](https://www.DynamicSolutions.com) or call **303.754.2088** to speak directly with a data protection specialist



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