

# SUPER DLTtape DRIVE

SDLT

## HIGH PERFORMANCE UPGRADE TO INDUSTRY STANDARD DLT TAPE DRIVES

11 MB/s

### Highest Capacity DLTtape Cartridge

The Super DLTtape utilizes a new cartridge to store up to 110 GB per cartridge. With today's increasing storage requirements, more data can be stored in less physical space.

### Highest Performance DLTtape Drive

The native transfer rate of 11 MB per second insures your backups get accomplished within the allotted time period. System interruptions and user inconveniences for backup procedures are kept to a minimum.

### Highest Reliability DLTtape Drives And Media

The Super DLTtape technology pioneers several technical innovations including Laser Guided Magnetic Recording, Magneto-resistive Cluster Heads, a new high-efficiency Partial Response Maximum Likelihood Channel in the drives and Advanced Metal Powder technology in the media. All these innovations add up to increased performance and capacity with MTBF exceeding 30,000 hours on the recording heads and 1,000,000 passes on the media.

### Recognized Quality

DLTtape systems are recognized world-wide for repeatable and dependable quality. From stand-alone drives to multi-terabyte library systems, DLTtape is the industry standard. Start your system archiving now using Super DLTtape drives and media and be assured you will be supported as your requirements grow. Or upgrade from your older DLT4000 through DLT8000 drives and continue to read your previously-recorded data without having to convert. Whether starting out or upgrading, Super DLTtape should be your choice for protecting your investment.



- **High capacity and high performance update to the DLT family. Up to 39.6 GB/hour transfer rate reduces backup window requirements**
- **Fully backward read compatible to DLT4000, DLT7000 and DLT8000 drives minimizing investment in new media**
- **Self-cleaning head technology reduces maintenance costs and time**



## SUPER DLTtape DRIVE



### Compatibility To Keep You Connected

- Supports all major operating systems including HP-UX, IBM AIX, Linux, Mac OS, Novell NetWare, SCO UNIX, Sun Solaris, Tru64 UNIX, Windows NT/2000 and more.
- Seamless compatibility with all leading tape application software.

### Service You Can Count On

- Covered by Overland's standard three-year factory warranty. Optional on-site service is available.
- Includes exclusive **XchangeNOW**<sup>®</sup> direct replacement warranty program, providing users a replacement unit free of charge, shipped within two business days.

### Protecting Your Storage Investment

- Over 20 years of experience in providing tape storage solutions.
- Engineering excellence with award-winning library robotics design.
- Overland meets the needs of IT professionals in industries worldwide.



### OVERLAND DATA, INC.

8975 Balboa Avenue  
San Diego, CA 92123-1599 USA  
T: 800-729-8725 or 858-571-5555  
F: 858-571-3664  
E: sales@overlanddata.com  
www.overlanddata.com

### OVERLAND DATA, EMEA

Overland House, Ashville Way  
Wokingham, Berkshire  
RG41 2PL, England  
T: +44 (0)118-9898000  
F: +44 (0)118-9891897  
E: europe@overlanddata.com  
www.overlanddata.com

### MODEL

**SDLT220 Tabletop Drive  
OV-SDL101001**

### DRIVE PERFORMANCE

Transfer rate native	11 MB/sec
Compressed 2:1	22 MB/sec
Burst transfer rate SCSI bus	80 MB/sec
Cartridge load time	
To BOT formatted tape	12 sec
To BOT unformatted tape	40 sec
Average file access time	70 sec

### DRIVE RELIABILITY \*

MTBF	250,000 hours 100% duty cycle
Uncorrected error rate	1 x 10 <sup>17</sup> bits read
Undetected error rate	1 x 10 <sup>27</sup> bits read
Media cartridge	1,000,000 passes

### DATA ORGANIZATION \*

Recording format	448 track serial serpentine
Recording density	133,000 bpi
Track density	896 tpi
Encoding method	PRML
Data compression	DLZ

### MEDIA \*

Read/write	Super DLTtape - 110 GB native
Tape length	1828 feet

### INTERFACE

Ultra-2 SCSI, LVD/SE  
68 pin connectors

### ENVIRONMENT \*

OPERATING:	
Temperature range	50° to 104° F (10° to 40° C)
Non-condensing humidity	20% to 80%
Altitude maximums	-500 to +30,000 feet
NON-OPERATING:	
Temperature range (Excluding media)	-40° to 151° F (-40° to 66° C)
Non-condensing humidity	10% to 95%

### POWER REQUIREMENT \*

AC power	110 to 240 VAC, auto-ranging
Power consumption	26 watts read/write

### PHYSICAL \*

Dimensions (H x W x D)	6.3 x 6.9 x 12.8 inches (16.0 x 17.5 x 32.5 cm)
Weight	13.8 lbs. (6.27 kg)

### WARRANTY

3 Years

\*As published by Quantum Corporation

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