

# PROFESSIONAL BACKUP TECHNOLOGY



## DLT-V4 (DLT VS320)

### DLT TECHNOLOGY

#### -OVERVIEW

The MAST DLT-V4 is the fourth-generation DLT-V product, combining exceptional performance with affordable drive and media prices. It enables customers to backup today's higher capacity disk drives on a single tape cartridge, to accelerate backup and restore times, and to reduce costs. With



enhanced manageability features and the proven reliability of DLT technology, DLT-V4 is the new standard for SMB backup.

#### -DLT Sage

DLTSage is offered as a standard feature with the DLT-V4 drive, bringing enterprise-class manageability to the SMB tape backup space. DLTSage monitors drive and media health, simplifying the management of the tape storage environments for end users.

#### -DLT/ce

DLT/ce provides customers WORM (Write Once, Read Many) archival functionality for regulatory compliance requirements on standard DLT VS1 media (the same media as used with the DLT VS160 drive). Since there is no need to purchase different WORM media, it is easy to use DLT-V4 for both traditional backup and archiving as well as for regulatory compliance. DLT/ce functionality is available at no additional charge and ships as standard with all MAST DLT-V4 drives.

#### -BUSINESS BENEFITS

MAST DLT-V4 offers the following business benefits to the end user:

- Reduces the administrative time required to manage backups by enabling the backup of high-capacity disk drives on a single cartridge
- Reduces backup times, enabling users to complete backups within ever shrinking backup windows
- Reduces potential downtime and lost revenue through more rapid restores
- Saves money spent on media with a \$/GB media cost that is between one half and one quarter that of the competition
- Reduces administrative time spent troubleshooting backups, since DLTSage proactively monitors drive and media health

## Technical Specifications

FUNCTIONAL		
Native Capacity	160GB	
Compressed Capacity	320GB	
Native Transfer Rate	10MB/sec, 36GB/hr	
Compressed Transfer Rate	20MB/sec, 72GB/hr	
Burst transfer rate	160MB/sec (SCSI), 150MB/sec (SATA)	
Interface	SATA / SCSI	
Read compatibility	DLT-V4, DLT VS160, DLT VS80, DLT1	
Write compatibility	DLT-V4	
Form factor	5¼ inch half-height	
Cartridge load time (to BOT)	120 sec	
Average access time	84 sec	
RELIABILITY		
MTBF	250,000 hours @ 100% duty cycle	
Head Life	30,000 tape motion hours	
Load/unload	50,000 cycles	
MEDIA SPECIFICATIONS		
Media length	1847 feet	
Media width	0.5 inch	
Media type	Metal Particle	
Track density	352 tracks	
Recording density	219K BPI	
Cartridge dimensions, inches (cm)	4.16 x 4.15 x 1.0 (10.57 x 10.54 x 2.54)	
Media durability	1,000,000 passes	
PHYSICAL DIMENSIONS		
	Internal	Tabletop
Height, inches (cm)	1.66 (4.22)	2.61 (6.63)
Width, inches (cm)	5.81 (14.76)	8.35 (21.21)
Depth, inches (cm)	8.87 (22.53)	10.73 (27.25)
Weight, pounds (kg)	3.0 (1.36)	8.00 (3.63)
Peak Power Draw	16W (1 sec)	

### What's in the box?

- The **Bulk format** includes device, and **3 years warranty**
- The **retail format** includes device, active terminator, SCSI cable, manual and **3 years warranty**.
- The **SuperMast format** includes device, active terminator, SCSI cable, manual, **Storage Kit** and **3 years warranty**.

