

StorageTek

Scalable DLT library. For large departments and storage-intensive applications.

TimberWolf

Automated Tape Library

9714

- **Advanced rotational robotics**
- **Sophisticated camera-based vision system**
- **Up to 3.5 TB of data storage (uncompressed)**
- **40- to 100-cartridge capacity**
- **Up to six DLT drives**
- **Small footprint cabinet**
- **Hot-swappable drives**

New technologies and storage-intensive applications, such as distributed databases and enterprise data sharing, have mandated the need for storage solutions that can deliver higher capacity and greater flexibility. The TimberWolf™ 9714 automated tape library from StorageTek meets these important needs. The combination of StorageTek's superior robotics and high-capacity DLT™ tape drives provides smooth, unattended storage operations, day in and day out.

ADVANCED ROTATIONAL ROBOTICS

The TimberWolf 9714 robotics are faster and more reliable than linear

robotics systems. Cylindrical cell array structures enable high cartridge storage density while providing excellent accessibility to cartridges and drives.

KEEN VISION SYSTEM

The TimberWolf 9714 camera-based vision system is designed and built by StorageTek specifically for tape automation applications. It has no moving parts and is more reliable than standard bar code readers.

PERFECT FOR CLIENT/SERVER ENVIRONMENTS

The TimberWolf 9714 can be attached to distributed systems running UNIX, Windows NT, AS/400 and Novell NetWare. It also offers connectivity with leading backup and recovery software solutions. The TimberWolf 9714 fits nearly anywhere, from office environments to individual work spaces, and requires no special cabling, environmental controls or raised flooring.

WORLD-RENOWNED STORAGE TEK RELIABILITY

With its proven reliability, the TimberWolf 9714 frees system administrators from worrying about lost data. And its patented self-calibration system means continued operation and no scheduled maintenance.



TIMBERWOLF 9714 SPECIFICATIONS

FUNCTIONAL DATA

Number of cartridge slots	40, 60, 80 or 100
Number of drives	Up to six DLT 4000 or DLT 7000 drives
Library Capacity (100 slots)	Uncompressed Compressed (2:1)
DLT 4000 (cartridge capacity 20 MB)	2.0 TB 4.0 TB
DLT 7000 (cartridge capacity 35 GB)	3.5 TB 7.0 TB
Library Throughput (4 drives)	Uncompressed Compressed (2:1)
DLT 4000	32.4 GB/hr 64.8 GB/hr
DLT 7000	108 GB/hr 216 GB/hr
Media	DLTtape IV
Average cartridge access time	Seven seconds
Audit time	Less than one minute
Robotics control	SCSI-2 media changer command set, Fast/Wide interface, single-ended or differential; ACSLS
Bar code reader	Standard, camera-based vision system
Calibration	Automatic (cells, drives and cartridge access port)
Drive cleaning	Automatic, library or software initiated
Cartridge access port	Standard, single-cartridge capacity
Control panel	User-friendly configuration and diagnostic controls, status display and viewing window
Serviceability	Hot swappable drives*; RS-232C port for diagnostics

*(without affecting library operation; channel integrity must still be maintained)

RELIABILITY

MEBF (Mean Exchanges Between Failures)	1,000,000
MTBF (Mean Time Between Failures)	70,000 hours (full operation)
MTTR (Mean Time To Repair)	Less than 30 minutes

PHYSICAL DATA

Dimensions: W x H x D in. (cm.)	36 x 43 x 26 (92 x 110 x 67)
Weight (library only)	325 lbs (147 kg)

ENVIRONMENTAL DATA

	Operating	Storage	Transit
Temperature	° F +59 to +90	+50 to +104	-40 to +140
	° C +15 to +32	+10 to +40	-40 to +60
Humidity	20% to 80%	10% to 95%	10% to 95%
Wet bulb (Max., non-condensing)	° F +85	+95	+95
	° C +29	+35	+35
Altitude	-250 to 10,000 feet (-76 to 3,050 meters)		

POWER SOURCE

Power input	90 – 264 VAC @ 47 – 63 Hz single phase
Power consumption (max)	
Library	1.2A @ 120V, 0.6A @ 240V, 491 BTU/hr
DLT 4000 (each)	0.8A @ 120V, 0.42A @ 240V, 342 BTU/hr
DLT 7000 (each)	0.92A @ 120V, 0.46A @ 240V, 375 BTU/hr

AGENCY CERTIFICATIONS

Safety	CSA standard CAN/CSA-C22.2 no. 950-M93 UL standard 1950, Third Edition; EN60950
Emissions	FCC #47, Part 15, Subpart B, Class A; VCCI Class A European Union CE emissions standards AS/NZS 3548:1995 (Australia, N.Z.); ICES-003 (Canada)
Immunity	European Union CE immunity standards AS/NZS 4252.1:1994 Generic Immunity Standard



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