



Alpine Series
AIT-2 Tape Products

Major Features:



- ◆ Alpine Standalone AIT-2 Drives
- ◆ High Reliability / Capacity / Performance
- ◆ Up to 15.6 MB/second data transfer rate
- ◆ 130 GB stored per tape
- ◆ Mode-sensing device for MCP or NT support
- ◆ Microsoft NT Certified
- ◆ Alpine Tape Manager software (automatically monitors and tracks tape activity)
- ◆ Scalable into Autoloaders and Automated Libraries

Alpine AIT-2 Autoloader

- ◆ One drive w/sequential access to 12 tapes
- ◆ Unattended backup of up to 1.56 TB
- ◆ Up to 15.6 MB/sec data transfer rate
- ◆ Microsoft NT Certified
- ◆ Compatible with Alpine Tape Manager software (automatically monitors and tracks tape activity)
- ◆ Upgrade path to Automated Library

Alpine AIT-2 Tape Library

- ◆ Automates tape backup and restore process
- ◆ Up to 499.2 MB/sec data transfer rate
- ◆ Expandable / Scalable from 2 to 32 AIT drives
- ◆ Expandable / Scalable from 20 tapes to 640 tapes
- ◆ Compatible with Alpine Tape Manager software (automatically monitors and tracks tape activity)
- ◆ Minimizes human error commonly associated with tape backups

Data is at the heart of your business. Its integrity is paramount to your success. DYNAMIC SOLUTIONS INTERNATIONAL's full line of AIT-2 tape products performs your backups quickly, painlessly, and accurately. Integration with leading technology manufacturers has culminated in the only AIT-2 drive optimized for the Unisys computing platform. From standalone drives to fully automated tape

libraries, these products offer a system to meet the needs of all small- to medium-sized shops. AIT's exceptional price and high performance make it the ideal backup technology for many users, particularly those with older drives looking for a replacement technology.

	<i>Transfer rate/ second</i>	<i>Capacity</i>
USR5073	3 MB	200 MB
DLT7000	10 MB	70 GB
AIT-2	15.6 MB	130 GB

* All Compressed

Alpine Standalone AIT-2 Drive

DYNAMIC SOLUTIONS INTERNATIONAL's standalone AIT-2 drives offer transfer rates in excess of 15.6 MB per second and storage up to 130 GB per cartridge allowing super-fast backup at a fraction of the cost associated with older technologies.

	<i>Average File</i>	
<i>Backup Rate</i>	<i>Media Load Time</i>	<i>Access Time</i>
56.2 GB/hr*	<10 seconds	<27 seconds

* 2.6:1 Compression

Alpine AIT-2 drives use helical scan technology to transfer and store multiple gigabytes of data on a single cartridge. IS professionals familiar with the capacity of 18- and 36-track drives will find the small number of cartridges created on a daily basis to be a welcome relief. Alpine AIT-2 drives are designed to provide years of reliable performance at a full-time usage of approximately 5 hours daily.

Multi-mode Drive (optional)

The Alpine AIT-2 drive has a mode-sensing device, which can tell whether the drive is receiving a Windows NT or Unisys MCP data stream. Now you have a single tape device, to service either the NT or MCP side of your ClearPath system.

Alpine AIT-2 Autoloader

The Alpine AIT-2 Autoloader loads and unloads 12 cartridges for unattended backup of up to 1.56 TB.

Alpine AIT-2 Tape Libraries

Our high-capacity tape cartridge technologies allow many shops to consider automating their backup. In the past, this could only be accomplished very

expensively, because the drive technology being automated, 18- or 36-track cartridge tape, was costly to manufacture and offered very low capacity. The low capacity necessitated putting hundreds—if not thousands—of tapes on line. The corresponding tape library was thus very large with a price tag that matched.

With the advent of high-capacity cartridges, the number of cartridges needed for a database backup rarely exceeds the number of databases. Furthermore, the inherently less expensive drive technologies often result in a fully automated system which is far less expensive than an *autoloader* system with an older tape technology, such as 36-track.

DYNAMIC SOLUTIONS INTERNATIONAL's AIT-2 Tape Libraries hold from 20 or 640 tape cartridges, and from 2 to 32 tape drives. Compatible with Alpine TapeManager as well as many other media management software packages, you can perform your backups completely unattended in a lights-out environment.

Alpine TapeManager Software

[TapeManager](#) tracks your tapes and their usage. An Alpine Tape Library removes operator intervention from the process by tracking your tapes' location with a barcode reader.

All of DSI's tape libraries include a barcode reader to track and inventory all of your tapes. Backups occur at user-defined times, using your parameters.

Restoring lost data is greatly simplified with the Alpine system. Simply request a restore of a lost database, and your library automatically selects the tape cartridges it needs to perform the task. In the event that a needed tape is no longer in the library, TapeManager requests the correct tape by number.

Audit Trails

In the past, the size of audit trails was necessarily small, because tape capacity was small. With the advent of tape technologies such as 4mm, you may expand the size of your audit trails to take advantage of very large tape capacity. Or, if you prefer, you can append multiple audits to a single tape using COPYAUDIT with MCP 4.3.2 or later. This feature makes small-capacity cartridges obsolete by allowing you to fill an entire high-capacity tape with audit trails, rather than using multiple small-capacity cartridges as in the past.

Library Maintenance Files

TapeManager software allows you great flexibility in managing Library Maintenance files. With MCP 4.4.1, these may be appended to a single tape cartridge throughout the day. Because our units are fully automated, your WFL command will automatically select the designated tape for Library Maintenance storage whenever these files need to be backed up, relieving your operators of this duty.

No matter what size business you have,
look to DSI for World Class Storage Solutions

Alpine AIT-2 Specifications

Feature	Standalone AIT-2 Drive	AIT-2 Autoloader	AIT-2 Library
Tape Cartridge Capacity	130 GB, compressed	1.56 TB, compressed	Up to 83.2 TB, compressed
Cartridge Capacity	1 cartridge	12 cartridges	20 to 640 cartridges
Drives	Single Drive	Single Drive	2 to 32 Drives
Sustained Transfer Rates	15.6 MB/second, compressed	15.6 MB/second, compressed	62.4 MB/second, compressed
Access Time	< 27 seconds	< 27 seconds	< 43 seconds
Interface	Ultra SCSI, Low Voltage Differential	SCSI-2 Fast/Wide, Differential	SCSI-2 Fast/Wide, Differential
Data Integrity	> 1 x 10 ¹⁷ bits read	> 1 x 10 ¹⁷ bits read	> 1 x 10 ¹⁷ bits read
Tape Drive MTBF	250,000 hours	500,000 actuations	1,000,000 actuations
Operating Temp/Humidity	40°F to 104°F / 20% to 80%	40°F to 95°F / 20% to 80%	50°F to 95°F / 20% to 80%
Power Specifications	100-200 / 220-240 VAC 12 watts	100 to 240 VAC 120 watts	110 to 220 VAC 157 watts
Physical Dimensions	5" H x 10" W x 15" D	8.6" H x 17" W x 16.5" D	
Weight	12 pounds	28 pounds	

Trade names used are trademarks or registered trademarks of their respective companies. Product and specifications may change at any time without notice.