

Fast/Wide SCSI Host Interface • 20 MB/Sec. • Fast/Narrow SCSI Device Interface

Create Mirrored Data Sets In the Time It Takes To Generate A Single Copy!

ULTERA
Imager

When One Copy Just Isn't Enough

Increased Overall System Performance

Simultaneously create two identical backup tapes in real-time.

No additional system overhead.

Increased Data Availability

Recover valuable data even if one tape becomes lost, stolen or damaged.

Increased Reliability

Verify restored data by automatically comparing tape contents.

Either copy can be used independently for recovery.

Disaster Recovery

Full fault tolerance protection with user configurable disaster recovery options.

100% Software Transparency

No software changes of any kind are required. For current systems using tape the Imager is plug and play with "ALL" existing tape backup software.

NT/Win 95/98 GUI

A full featured GUI for controlling and monitoring all operating and off-line modes.

Plug Compatibility

The Imager 1 controller is presented to the host as a single SCSI tape drive providing plug and play with host systems supporting SCSI-1 or SCSI-2 tape protocols.



TOP TO BOTTOM:

DUAL IMAGERS PACKAGED IN 19" RACK-MOUNT ENCLOSURE, SHOWING SCSI CABLING CONNECTIONS, 19" RACK-MOUNT FRONT ENCLOSURE WITH SINGLE ULTERA CONTROLLER, 19" RACK-MOUNT FRONT ENCLOSURE WITH DUAL ULTERA CONTROLLER

Maximum Flexibility & Control

- Four Specific Mirroring Mode Options
- Two Disaster Recovery Options
- Fault Tolerant Mode
- Two Pass Through Options

Offline Operations

The "Imager" controller has built in hardware utilities for:

- Tape Copy
- Tape Compare
- Tape Verify
- Tape Drive Diagnostics
- "Self Test" Diagnostics

STANDARD MODEL INFORMATION

TM050: Controller Board only, single-ended wide host interface, single ended narrow device interface

TM850: Controller Board within 5.25" half height enclosure, with a 4 line by 20 character LCD Panel

TM2150: Single Imager Controller Board in 19" rack mount enclosure, with 4 line by 20 character LCD Panel

TM2250: Dual Imager Controller Boards in 19" rack mount enclosure with dual LCD Panels

FRONT PANEL

The front panel consists of a 4 line by 20 character display and a 4 push button key pad.

Host Interface (Single ended)

The host interface provides connection between the Imager mirroring controller and the SCSI host system. It conforms to the SCSI-2 protocol while maintaining compatibility to SCSI-1, 8/16 bit SCSI. Fast Synchronous transfers combined with wide transfers allows for maximum of **20 MB/sec** burst data rate.

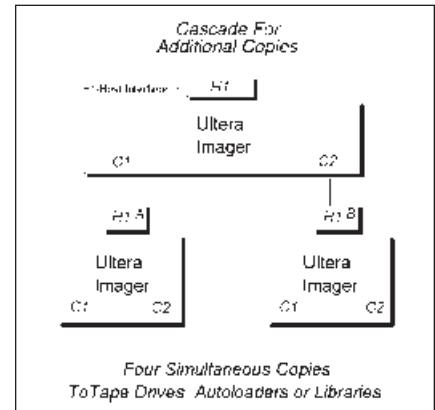
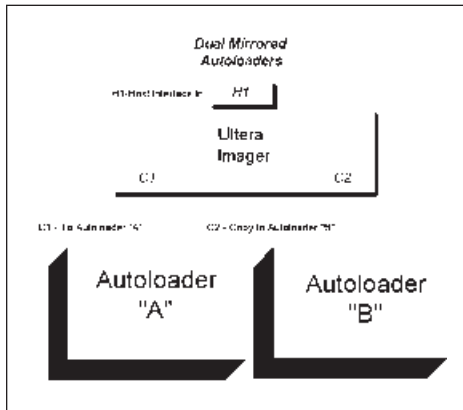
Drive Interfaces (Single ended)

The drive interface provides 2 parallel SCSI channels between the Imager mirroring controller and the tape drives. The 8 bit SCSI fast synchronous transfers allows for maximum of **10 MB/sec** burst data rate. Compatible with SCSI-1 and SCSI-2 drives. ALL major tape drives are supported.

GUI for NT/Win95/98

Ultera offers an optional remote access Graphical User Interface program called Ultimate™ that runs under NT, Win95, Win98 and DOS. Running on the host system, Ultimate™ allows the user to remotely control up to 8 Ultera Tape Array subsystems.

C O N F I G U R A T I O N E X A M P L E S



DIMENSIONS			
MODEL NUMBER	WIDTH	DEPTH	HEIGHT
TM050	5.5"	7.0"	.433"
TM850	5.75"	8.64"	1.67"
ENVIRONMENT (EXCLUSIVE OF DRIVES)			
POWER	TM050	TM850	TM2150 / TM2250
Input Voltage	+5V DC, 10%	+5V DC, 10%	90-246VAC:50/60HZ
Supply Current	2.0A, MAX	2.0A, MAX	
TEMPERATURE			
Operating	5° C to 50° C		
Non-Operating	-40° C to 60° C		
HUMIDITY			
Operating	10% to 80% Non-Condensing		
Non-Operating	10% to 90% Non-Condensing		
WARRANTY		ONE YEAR	



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