

*Mirage*_{LITE} Virtual Tape Controller (VTC) is the key component of a high performance, affordable Virtual Tape Library (VTL). The *Mirage*_{LITE} VTC increases the performance and reliability of the backup process by creating VTLs utilizing SCSI disk storage systems. The *Mirage* "Embedded Archive Engine (EAE)" archives virtual tape volumes to conventional tape cartridges in tape drive(s), autoloader(s), and tape library(s). The archive process is initiated and managed by the VTC controller as a background process, without any additional software or host resources. Archived tape cartridges are created as if the tape was written directly by the application software.

Three independent Ultra 160 LVD SCSI connections are provided to attach the host server, RAID system, and tape device. Hardware integration is simple. It's also seamless to operating systems and backup applications.



*Mirage*_{LITE} delivers immediate performance improvements to backup, restore and archival applications.

*Mirage*_{LITE} supports investments already made in tape drives, libraries and RAID equipment, as well as application software. *Mirage*_{LITE} enables users to keep their current configuration in place, no hardware changes, no software changes, no procedural or policy changes.

The number of VTL slots and drives is user selectable. Up to 4 virtual tape drives are supported per controller. Additional controllers can be added for scalability.

*Mirage*_{LITE} automatically emulates the attached tape drive or library that is present. In the absence of an archival tape device, a variety of user selectable Tape Library emulations are offered. Archive to tape is optional.

*Mirage*_{LITE} has repositioned tape to its appropriate place as a removable storage device for archival purposes.

It's that simple!



Mirage_{LITE} Virtual Tape Controller Specifications

SERVER INTERCONNECT

The server interconnect provides connection between the *Mirage_{LITE}* VTC and the server. The U160 SCSI connection provides sustained backup/restore transfer rates over 400GB/Hour per controller. Multiple VTCs can be added for performance.

DISK STORAGE INTERCONNECT

The disk storage interconnect supports U160 SCSI host RAID systems. The *Mirage_{LITE}* VTC supports up to 8TB disk storage capacity per controller. Base configuration supports 2TB.

ARCHIVAL TAPE STORAGE INTERCONNECT

A single *Mirage_{LITE}* VTC can archive up to 2 SCSI tape drives, standalone or in a tape library. Additional *Mirage_{LITE}* VTCs can be added for additional archival performance. SCSI tape support protects your investment in existing SCSI based tape drives, autoloaders, and libraries.

REMOTE MANAGEMENT INTERCONNECT

The *Mirage_{LITE}* VTC supports a 10/100 Ethernet RJ45 port for remote management using an easy to use browser based GUI to monitor and control *Mirage* Virtual Tape Library and Archival operations.

OPERATOR CONSOLE

The front panel operator console features a 4 line by 20 character display and 4 push button keypad.

EMBEDDED ARCHIVAL OPTIONS (Server Free)

- ✓ Single conventional tape cartridge
- ✓ Multiple tape copies

INTERFACES

	Type
Server	U160 LVD SCSI, VHDCI
Disk/Tape Storage	U160 LVD SCSI, VHDCI

CONTROLLER ENVIRONMENT

POWER





Input Voltage	+5VDC, 10%
Supply Current	3.5 amps, max

TEMPERATURE

Operating	5 degree C to 50 degree C
Non-operating	-40 degree C to 60 degree C

HUMIDITY

Operating	10% to 80% non-condensing
Non-operating	10% to 90% non-condensing

Model No.	Description	Packaging	Dimensions
VT880S	5 ¼" Half Height		H 1.67" W 5.75" D 9.20"
VT1080S	Table Top		H 2.50" W 9.75" D 11.00"
VT2180S	1U Rackmount Single Controller		H 1.75" W 17.00" D 23.31"
VT2280S	1U Rackmount Dual Controller		H 1.75" W 17.00" D 23.31"