

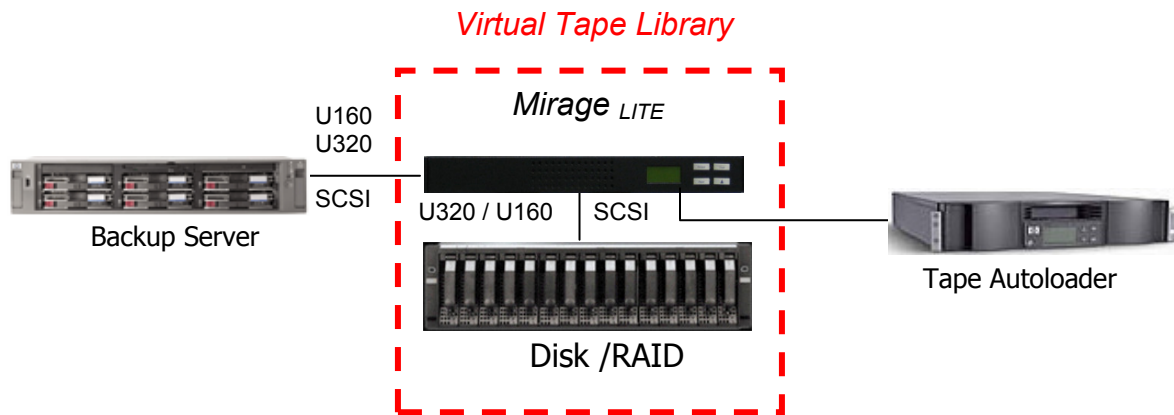


Mirage<sub>LITE</sub> Controller based Virtual Tape Library (VTL) solutions target the growing need of Small to Medium Businesses (SMB) to more efficiently protect critical business data. The Mirage<sub>LITE</sub> Controller utilizes cost effective disk technology to deliver high performance reliable virtual tape solutions.

Mirage<sub>LITE</sub> uses existing tape backup software and procedures to record “virtual tape cartridges” on a SCSI interface RAID system. Mirage<sub>LITE</sub> is seen by the backup software as a conventional tape library, but provides reliable high performance backup and quick restores typical of RAID systems. The VTL system is scalable and can grow to meet future requirements by attaching up to a total of eight SCSI RAID systems to the existing Mirage<sub>LITE</sub> VTL.

Mirage<sub>LITE</sub> VTL delivers immediate improvements to backup and restore applications with a sustained speed of over 500GB per hour. The Mirage<sub>LITE</sub> VTL supports up to four virtual tape drives simultaneously, allowing up to four backup streams to run concurrently.

The Mirage<sub>LITE</sub> Controller automatically emulates the attached SCSI tape drive or library that is connected to the archive port as well as built-in emulations. Mirage “virtual tape cartridges” are configured to match the size and format of the tape cartridges in the attached physical drive or library. The Mirage<sub>LITE</sub> Controller’s Embedded Archive Engine (EAE) automatically copies the “virtual tape cartridges” to the physical drive at tape streaming speeds as an independent, server-free, background task. Copying, in this high speed streaming mode, minimizes wear (shoe shining) on the tape drive. Backup software can perform backup and restore requests instantly using the Mirage<sub>LITE</sub> VTL, while off-site tapes are still being copied by the EAE.



Mirage<sub>LITE</sub> VTL employs cost effective, reliable disk technology to improve backup and restore speed, reliability and productivity with a smaller less complex footprint.

*It's that simple!*



# Mirage<sub>LITE</sub> Virtual Tape Controller Specifications

## VIRTUAL TAPE LIBRARY

|  |   |
|--|---|
| Operating Modes                        | Random Tape Library<br>Sequential Stacker<br>Autoloader |
| Library Emulation                      | Built-in/User selectable                                |
| Autoloader Emulation                   | Built-in/User selectable                                |
| Tape Drive Emulation                   | Built-in/User selectable                                |
| Number of Virtual Tape Drives          | 1 to 4  |
| Number of Virtual Tape Volume Slots    | Up to 500   |
| Virtual Tape Volume Data Capacity Size | User defined  |
| Number of Disk RAID Systems            | Up to 8   |
| Maximum Size of Each Logical Disk      | 2TB   |
| VTL Storage Capacity Size              | Up to 80TB  |
| Local Management                       | Front Panel Console                                     |

## **CONTROLLER ENVIRONMENT**

### **POWER**

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

### **TEMPERATURE**

|               |                               |
|---------------|-------------------------------|
| Operating     | 5 degrees C to 50 degrees C   |
| Non-operating | -40 degrees C to 60 degrees C |

### **HUMIDITY**

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

One Year Warranty

## PERFORMANCE

|   |                    |
|---|--------------------|
| Backup/Restore Performance (Sustained)  | 150MB/sec          |
| Positioning Time: Locate, Space, Rewind | Less than 1 second |

## ARCHIVAL DEVICES




|                       |   |
|-----------------------|---|
| Number of Tape Drives | 1 |
| Number of Autoloaders | 1 |

## INTERFACES

|                                |                           |
|--------------------------------|---------------------------|
| Server Interface               | LVD SCSI U160/320 (VHDCI) |
| Disk RAID Interface            | LVD SCSI U160/320 (VHDCI) |
| Tape/Library Archive Interface | LVD SCSI U160/320 (VHDCI) |

## DEVICE TYPES

Platform Independent  
All Major Disk/RAID Systems  
All Major Tape Drives/Autoloaders

| <b>Model No.</b> | <b>Description</b>                | <b>Packaging</b>   | <b>Dimensions</b>               |
|------------------|-----------------------------------|--|---------------------------------|
| VT880S-2         | 5.25" Half Height                 |  | H 1.67"<br>W 5.75"<br>D 9.20"   |
| VT1080S-2        | Table Top                         |  | H 2.50"<br>W 9.75"<br>D 11.00"  |
| VT2180S-2        | 1U Rackmount<br>Single Controller |  | H 1.75"<br>W 17.00"<br>D 11.00" |