

Desktop Tape Drive Emulator

Introducing Ulysses™ Technology in a Desktop Enclosure

The Ulysses System consists of a SATA 2.5-inch hard disk drive (HDD) embedded in a tape cartridge housing. Together with the Ulysses Tape Drive Emulator, Ulysses cartridges allow you to add HDD performance to your existing tape system with no hardware or software modifications. Ulysses is available for library or standalone and can restore files up to 10 times faster than a tape-only library.



The Ulysses Solution = Tape drive Emulator + HDD Cartridges

Ulysses™ System

The Ulysses Desktop Tape Drive Emulator and the Ulysses HDD Cartridges create a complete solution that provides the performance advantages of disk and the economics of tape. The Ulysses System is highly scalable allowing forward capability to future higher capacity cartridges. You can also scale capacity by adding additional HDD Cartridges.



Ulysses™ Desktop Tape Drive Emulator

- A rugged metal enclosure contains the Ulysses Emulator and the power supply.
- Stacking features align and secure stacked units.
- The front bezel includes four status LEDs and an eject switch.
- Dual SCSI connectors make daisy chaining and termination easy.
- The power modules include an AC switch and dual fuses.

The desktop system is ready to use. Connect the SCSI cable, power up, and you can start writing data. No matter what tape drive you are currently using, your software will see the Ulysses unit as an additional tape drive. So there is no need to modify your back up software. Ulysses Technology emulates tape formats such as:

- LTO Ultrium™ 1, 2, 3 drives
- 3480, 3490 or 3590 drives
- DLTtape™, Super DLTtape drives
- 9-track drives
- Helical scan drives (such as 4mm and 8mm)
- Other formats can be developed as required



Combining the performance advantages of disk with the portability of tape



Ulysses™ Desktop Tape Drive Emulator

Characteristics	
Capacity	Compatible with Ulysses HDD Cartridges in a variety of capacities
SCSI Interface	Single-Ended/LVD
Buffer Size	16MB
Data Transfer Rate - Average	30 MB/s (100GB) 27 MB/s (60GB)
Time to First Byte	5 seconds
Media Required	Ulysses HDD Cartridges
Data Compression	ALDC hardware compression with LZ algorithm
Load/Unload Cycles	350,000
Physical dimensions	
Size	240 x 165 x 107 mm (9.449 x 6.496 x 4.213 in)
Weight	3.5 kg (7.7 lbs)
Power Requirements	
	Consumption < 10 Watt Input Voltage– 90 to 264 VAC Frequency– 47 to 440 Hz
Environment	
Temperature	
Operating Temperature Range	10°C to 40°C (50°F to 104°F)
Storage Temperature Range	10°C to 35°C (50°F to 95°F)
Transportation Temperature Range	-23°C to 49°C (-9°F to 120°F)
Maximum temperature gradient	20°C/hour (68°F)
Humidity	
Operating Relative Humidity	10% - 80% (non-condensing)
Storage Relative Humidity	15% - 80% (non-condensing)
Transportation Relative Humidity	10% - 85% (non-condensing)
Maximum Wet Bulb	
Operating	29°C
Storage	30°C
Transportation	35°C
Altitude	
Operating	-300 to 3000 meters (-1000 to 10,000 ft)
Non-operating	-300 to 12,000 meters (-1000 to 40,000 ft)
Shock	
Operating	10g for 10ms
Non-operating	140g for 10ms
Vibration	
Operating	1g (22 to 100Hz), 0.25g (101 to 200 Hz) 0.254mm (0.01 in) DA 5 to 22 Hz (crossover)
Non-operating	3g (55 to 500 Hz) 5.08mm (0.2 in) DA 5 to 55 Hz (crossover)

MPTapes, Inc.
1233 Sherman Drive
Longmont, CO 80501
303-774-6361

Sales & Support:
1-888-MP TAPES
Ulysses_support@mptapes.com
Ulysses_sales@mptapes.com