

## Idealstor Teralyte

For years storage companies have claimed that disk to disk backup was an ideal solution for small to medium sized businesses. As data increased, the higher seek times, larger capacities and decreasing costs have led many SMB's to move to some sort of disk backup solution. The problem for the SMB has been that even though disk has made the backup/restore process faster, companies still needed to rely on tape for offsite backup.

The Idealstor Teralyte was designed with the SMB in mind and for the first time offers a truly portable disk backup solution. The Teralyte combines the speed of SATA disks with the portability of tape by using disk media for both backup and offsite storage. Teralyte uses non-proprietary hard drives allowing SMB's to use any capacity/manufacturer SATA disk as locally attached removable disk backup media. These disks can then be left in the system for local storage or they can be physically removed, like a tape for offsite storage and disaster recovery. Disk to disk backup is designed to eliminate the problems associated with tape based backup. Teralyte makes this a reality by using portable disk media and completely eliminating the need for tape.

### Teralyte Makes Tape Obsolete!

**Ejectable Disk Backup** - Non-proprietary SATA disks are used as the backup and offsite media. Teralyte uses a combination of Idealstor software and hardware to provide for safe removal of the backup disks.

**Faster Recovery Time** - SATA disks use Serial technology to quickly transfer data. In addition, SATA disks use native command queuing to efficiently access data stored on the SATA platter.

**Largest Capacity** - Teralyte uses any capacity SATA disk on the market. Current capacities up to 4TB Native per disk. Tape just can't compete.

**Bundled Backup Software** - Teralyte comes bundled with iBac as a backup alternative. iBac offers native format backup which makes restoring data simply drag and drop! In addition, iBac will never backup a file unless it has changed since the previous backup. In essence, iBac performs an incremental backup but the end result is a full backup making your backup window virtually disappear.

### Product Highlights:

- Can attach directly to any Windows Server or PC via a controller provided by Idealstor.
- Use removable disk media in place of tape. Disk offers higher transfer rates, capacities and are far more reliable than tape backup.
- Disks are prepared for safe removal using Idealstor's Disk Management software. In addition each disk comes with the rugged Idealstor shock protective caddy and carrying case.
- Data can be replicated to the other disks in the system or physically removed to be taken offsite for backup and disaster recovery.
- SATA disks offer transfer rates of up to 300MB/second per disk. Simultaneous backups can be run on our multiple drive Teralyte solutions.
- Drives that are warranted up to 3 years by industry leading drive manufacturers. Compare that to your tapes and the annual cost savings in media alone is staggering.

**Key Benefits:**

- Tape Free Backup - use disk like tape as offsite backup media
- Designed for the SMB - Easy to use and integrate into your network. Eliminate costly disk and tape backup solutions
- Lower Total Cost of Ownership than disk and tape alternatives
- One stage backup and restore - Idealstor SATA eliminates the need to stage backups and restores from disk to tape
- Free Backup Software - iBac 5.0 makes backup easy and affordable.
- Cost of disk continues to drop while capacities continue to increase. Teralyte takes advantage of both providing a cost effective and scalable storage and backup solution
- Eliminate the need to re-tension tape media, replace tapes every year and eliminate failed backups and restores due to data not being properly written on your tapes.
- Capacity - Up to 4TB/disk. Compared to a similar tape backup solution and the capacity alone makes disk the obvious choice.



TLYTE-2SA - 2 Bay Teralyte

**Product Highlights:**

- 1 , 2 and 4 Drive systems available
- Backup using SATA interface
- Transfer rates up to 300MB/second
- Use any manufacturer/capacity disk
- Available as a Rackmount or Desktop unit
- Hot swap drive bays to make disks portable
- Rugged Caddy and Carrying Case for offsite storage
- Can be used with any Windows Server or PC

**Specifications:**

- Bundled with PCI 32 or PCI Express eSATA Controller and Cables.
- Can be installed in a PCI, PCI-X or PCIe slot on the motherboard
- Controllers with Low Profile Bracket are available
- Requires Windows XP Professional, 2003 Server, 2008 Server or Vista installed on the host system. Windows 2000 is not supported.

*\* The Idealstor Teralyte comes configured with a variety of ejectable bays for backup. Each bay can accommodate up to a 4TB SATA disk. As SATA capacities increase, Teralyte may be compatible with the larger disks. Check with Idealstor for compatibility.*



TLYTE-1SA - 1 Bay Teralyte

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