



# CACHE-A

ARCHIVE APPLIANCES



*with 4 TERABYTES  
of RAID0 / RAID1*

## Pro-Cache has advanced features demanded by media professionals for on-set or in-studio

- eSATA connections for fast access to direct attached storage
- SAS connections allows high speed mounts and expansion
- ExpressCard slot accommodates FireWire and more
- Rack Mountable, sturdy 3RU / half rack chassis

## Archiving Made Easy

- **Built-in searchable database of all of your tapes**
  - Pro-Cache remembers every single Cache-A tape it has ever seen
  - Power Search Restore allows one step recovery from multiple tapes
  - Pro-Cache shares its catalog database with all other A-Series decks on the network
- **Automated archive capability built-in**
  - Schedule events to archive any network shared volumes at any time
  - One-time, daily, weekly or monthly events cover all archiving needs
- **Span archives across multiple cartridges**
  - Treat a group of tapes as a single entity with a single directory of all content
- **Standard LTO tape "tar" compatibility**
  - No special hardware or software needed to read Cache-A tapes on any LTO-4 or LTO-5 drive

## PRO-CACHE4™ LTO-4 800GB AND PRO-CACHE5™ LTO-5 1.5TB DATA TAPE DECKS

### Direct archive access from any platform

- Simultaneous multi-user access
- Volume sharing and FTP built-in
- Windows / MacOS / Unix
- Web page control over all operations
- FTP, Samba, NFS, AFP, Bonjour
- USB, SAS, eSATA, & ExpressCard device connections

### Directory on each tape

- Media is portable, shelf-storable, interchangeable
- Directly accessible with no special software
- Self contained, self-describing LTO media

### Easy to deploy and use

- Plug and play integration into Gb Ethernet networks
- Integrates seamlessly into file based workflows
- Self-contained appliance is a complete solution
- Allows users to treat LTO tape like a NAS

### Content aware options

- Fully searchable database built-in
- Associate metadata with any file, folder or tape
- .mxf, .mov and .r3d file type support planned





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## PRO-CACHE4 / PRO-CACHE5 DATA TAPE DECK

### TECHNICAL SPECIFICATIONS

#### Pro-Cache System Specs

- IP Services
  - NFS - Unix/Linux
  - SMB/CIFS - Windows
  - AFP - MacOS
  - Bonjour / ZeroConf
  - FTP
  - HTTP for status, management, configuration & file transfers
  - "Support-Connect" for full remote service capability
- Sustained Transfer Rate — up to 75MB/s (LTO-4) (configured for RAID 0)
- Hard Disk Drive — 2000 GB X 2 – RAID0/1
- Connectivity
  - GB Ethernet Port
  - USB Ports x 6 (2 front, 4 rear)
  - eSATA x 2 (1 std, 1 on SAS)
  - ExpressCard34/54
  - SAS x3 (4 lane connector)
  - VGA Monitor, Mouse & Keybd for Maintenance
- Compatibility — GNU or POSIX tar v1.20 or later
- Internal File System — ext3
- Mountable File Systems — usbfs, vfat, msdos, fat32, hfs+, iso9660, ntfs, ext3, reiserfs, xfs, ext, ext2, umsdos, sysv, hpfs
- API — SOAP / XML

#### LTO Drive Specs

	Pro4	Pro5
■ Native Capacity	— 800 GB	1500 GB
■ Average Access Time	— 64 Sec	52 Sec from BOT
■ Rewind Time	— 121 Sec	96 Sec from EOT
■ Average Load Time	— >19 Seconds	
■ MTBF	— 250,000 Hours	
■ Uncorrected Error Rate	— 1x10 <sup>17</sup>	

#### Media Specs

- Archival Life — 30 years
- Durability — 5,000 load/unload cycles

#### Physical Specs

- Power
  - 120VAC/240VAC 50/60 Hz
  - 200 Watts
- Dimensions
  - 5.25 in (3 RU) x 8.5 in x 14 in
  - 133 mm x 216 mm x 356mm
- Weight — 16 lbs / 7.3 Kg



SAS x3 + eSATA x1  
ExpressCard34/54  
eSATA

Power Service Gb E 1 Gb E 0  
Mouse USB3 USB5  
Keyboard Service USB4 USB6  
Monitor

#### BROUGHT TO YOU BY:

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