

Archion's Alliance LT is the culmination of a decade of experience in providing storage solutions to the Film and Television industries. This complete SAN delivers tremendous performance and flexibility in a self contained system. Designed for demanding media workflows, it comes at a price that is affordable to all size facilities. Alliance LT has been tested and certified with the leading content creation, capture, ingest, and back up tools from such vendors as Apple®, Avid®, Adobe®, Autodesk®, Assimilate®, Digital Vision®, Digital Rapids®, Signiant®, Atempo®, and much more.

KEY BENEFITS:

FILE LEVEL SHARING

Users can read and write to the same volume simultaneously.

COMPLETE DATA PROTECTION

High speed, high availability RAID controller brings full hardware RAID protection (at levels 0, 1, 3, 5, and 6).

MULTI-PLATFORM

Compatibility with OSX, Windows, and Linux operating systems enables media sharing for the widest variety of content creation tools.

HIGH THROUGHPUT FC AND GIGE PORTS

Dual 8Gig Fibre Channel Ports provide up to 1200 MB/second and Quad GigE ports provide up to 400 MB/second.

EASE OF MANAGEMENT

Access to volumes is easily changed at the administrative level. Multiple storage definitions enable management of large numbers of volumes and users.



ALLIANCE LT MODELS	TOTAL STORAGE	USABLE STORAGE*	DRIVE SIZE
ALT-8TB	8TB	6TB	500GB
ALT-16TB	16TB	12TB	1TB
ALT-32TB	32TB	24TB	2TB
ALT-16X8-48TB	48TB	42TB	3TB
ALT-24X8-24TB	24TB	20TB	1TB
ALT-24X8-48TB	48TB	42TB	2TB
ALT-24X8-72TB	72TB	66TB	3TB
ALTH-24X8-12TB	12TB	10TB	1TB
ALT-24X8-24TB	24TB	20TB	2TB
ALTH-24X8-32TB	36TB	30TB	3TB

*Usable Storage is the amount of RAID 5 protected storage less the failover hot spare. The usable capacity can vary based on type of configuration.

Archion's Alliance LT is a complete high performance media SAN in a self contained unit for ease of set up and management. Powered by the award winning Vdisk™ technology, a highly efficient RAID controller, and industry leading SAN management software, media professionals can easily capture, store, edit, share, and create with MAC, Windows, and Linux workstations.

Alliance LT simplifies the workflow by enabling file level sharing such that all users can read and write to the same volume simultaneously. In addition, it allows users to access high performance shared storage as if it were a local drive. To further simplify the management of the SAN, access to storage volumes can be managed through standard OS accounts. This alleviates the need for System Managers to have to create special accounts.

Alliance LT works across both Fibre Channel and Ethernet networks. Users can choose between the high speed of 8 Gig Fibre Channel for uncompressed HD, file based, and 3D workflows, or the low cost of Gig E for compressed HD and SD editing, asset management applications, render farms, and graphics workstations. And with the integrated MetaSAN/MetaLAN software tools, there are no individual costs for individual licenses.

Adding to its versatility, there is no need to ever compromise your media with Alliance LT. Archion's high performance hardware controller comes configured at RAID 5, but can meet RAID 6 and other protection requirements. The controller efficiently manages the storage and automatically rebuilds a faulty drive (hot spare) without impacting performance.

Enjoy Archion's industry leading performance with all of Alliance LT's versatility. Unlike other SANs, there is no performance degradation if you utilize file level sharing and RAID 5 protection features.

TECHNICAL SPECIFICATIONS:



Storage

- 24 bay and 16 bay configurations with capacities of 8TB, 12TB, 24TB, 32TB, 36TB, 48TB and 72TB
- Half Populated 24 bay configuration available.
- All drives are 7200 RPM SATA II, with cache, and are SMART capable



RAID Controller and Cache

- Alliance RAID controller with Archion's Vdisk™ technology and Ethernet RAID management GUI.
- 512 Meg of cache ram tuned for digital intermediate applications



RAID Operation

- Digital Video optimized RAID for Video applications
- Standard RAID levels 0,1,3,4,5 and 6 for other applications
- Supports multiple RAID sets, and storage provisioning of all Vdisks on all ports for switchless file sharing
- Automatic failover and background rebuilding of drives
- Global hot spare covers all drives



FC and LAN Connections

- Dual 8 GIG Fibre Channel ports with optical SFP's (included) for up to 1600 MB/second bandwidth
- Full compatibility with 8 gig fibre channel architecture
- Support for loop, point to point, and fabric architectures
- Supports storage provisioning across ports for load balancing and maximum throughput
- Quad port GigE connects for LAN support
- Fully compatible with standard FC infrastructure
- Ethernet and RS-232 port for out of band management and remote event notification



Cooling

- Redundant, hot-swappable fans with automatic speed control and front to back cooling.
- Built-in environmental management for constant optimal temperature control of entire chassis.



Electrical

- Two redundant hot-swappable power supplies (600W) universal input (100-240V AC)
- Maximum input current 6A at 100-120V or 3A at 220-240V
- Frequency: 47Hz to 64Hz, single phase
- Power Usage: 400W typical continuous power, 800W maximum continuous power
- RoHS compliant



Environmental Requirements

- Operating Temperature 5C to 35C
- Non-operating/Storage -40C to 70C
- Relative humidity (non-operating): 95% at 30C non-condensing



Dimensions and Weight

- Height: 3RU rackmount
- Width: 17 inches (43.2 cm)
- Depth: 27.875 inches (70.8 cm)
- Fits industry standard 19 inch rack for 30 to 36 inches deep
- Weight 100lbs (70.3 kg)



Dimensions and Weight

- Height: 5RU rackmount
- Width: 17 inches (43.2 cm)
- Depth: 27.875 inches (70.8 cm)
- Fits industry standard 19 inch rack for 30 to 36 inches deep
- Weight 155 lbs (70.3 kg)

