

DRAFT

PAIPER

HIGH PERFORMANCE SHARED STORAGE



- ▶ Up to 800MB/s constant transfer rate
- ▶ Hot-swappable and fault tolerant architecture
- ▶ Flash disk resident OS for maximum reliability
- ▶ Supports 10/100/1000 Mbit network connections
- ▶ Support Raid 0, 1, 5, 6, 10, 50, Jbod configurations
- ▶ Dual/Quad redundant 4Gb Fibre Channel class ports
- ▶ Best cost-to-storage ratio for enterprise-class storage
- ▶ High-density package & hot-swappable power supplies
- ▶ Full support for HD & SD multiple video and audio streams



Reliability – Reliability begins at the building block level, with the lowest number of constituent parts, which increases inherent reliability. Hardware, software and architectural features of the SureStore™ platform provide the exact level of redundancy to meet your needs and budget. From systems with no single points of failure to N+1 redundancy, from fully or partially mirrored systems to the intelligent use of near-line and archival storage, a SureStore™ system is synonymous with security, reliability and confidence.

Performance – SureStore™ continues to set the standard in design and sheer system performance. With a modular approach that applies to both hardware and software, SureStore™ enables you to mix HD and SD in one SAN; ingest, store and play out content; utilize real-time and non-real-time services simultaneously; and integrate seamlessly with IP networks and third-party applications. Multi-format transmission tasks are simpler, more scalable and more cost-effective.

Power – Built around dual-core, high-performance 64-bit processors with PCI-X bus, Gigabit Ethernet, USB, FireWire™ and optical Fibre Channel, SureStore™ has the horsepower for today's requirements and headroom for growth – providing broadcasters with the optimum high-performance engine to meet any challenge.

Scalability – Using SureStore™ you can grow from a streamlined, two-channel system with integrated storage to a comprehensive system with well over 100 channels, thousands of hours of shared storage and hundreds of Megabytes per second of IP network bandwidth – all within a single shared storage domain. Scale even further, across multiple domains connected via Fibre Channel and Gigabit Ethernet using local- and wide-area networks and through the use of near-line and archival storage.

Flexibility – SureStore™ provides the precision tools that enable a facility to configure and re-configure with ease. Switching between SD and HD, channels, users, formats and applications are all handled in software – making it effortless. And the portfolio of SureStore™ applications – including ingest, editing, conforming, playout, media management, archiving and more – provides the inherent flexibility to suit the budget and requirements of all sizes of broadcast organizations.

Openness – With SureStore™, the complete I/O tool set is in place, including SDI, HD-SDI, AES, ASI connectivity and MPEG-2, IMX and DV/DVCPRO codecs. Control and networking protocols such as VDCP and TCP/IP are also supported, along with new interoperability formats such as MXF. SureStore™ also provides the application programming interface (API), which enables applications partners to develop custom tools to further enhance the overall system's utility.

Security – We invented and patented shared storage technology for media servers and maintain a pinpoint focus on broadcast. On a daily basis, thousands of broadcasters worldwide depend on our technology, because a SureStore™ system not only provides data security, but also the security of a company dedicated to television.



Total Content Delivery Solutions That Deliver Results

With the broadest range of hardware, software and services spanning every segment of the content delivery chain, Medianet Group is the leader in Total Content Delivery, providing solutions that drive our customers' strategic success and deliver business results. Scaling from individual point products to content delivery platforms, Medianet Group solutions provide a streamlined workflow to enable customers to achieve greater productivity, reduced costs, new revenue streams and assured communications as they create, manage, distribute and deliver content to their consumers.

SPECIFICATIONS

Dimensions H 134mm, W 446mm, D 500mm
Weight 37kg (81lb) 40kg (88lb) max. configuration

AC Power 450W
Voltage Range 100-120 / 200-240 VAC
Voltage Selection Automatic
Frequency 50-60 Hz

Inrush Current 50A @ 260VAC
Power Factor >0.98
Harmonics Meets EN61000-3-2

Safety Compliance UL 1950 3rd Edition with SELV
IEC 950 4th Edition
EN 60950 3rd Edition with SELV
EMC compliance GR-1089-CORE

ENVIRONMENT

Altitude, Oper. 0 to 3047 m (0 to 10,000ft)
Altitude, Non-Oper. -305 to 12,192m (-1000 to 40,000ft)

Shock, Oper. Vertical axis 5g peak 1/2 sine, 10ms
Shock, Non-Oper. 30g 10ms 1/2 sine

Vibration, Oper. 0.21grms 5-500 Hz Random
Vibration, Non-Oper. 1.04grms 2-200 Hz Random
Vibration, Relocation 0.3g 2-200 Hz sine
Acoustics Less than 6.0 B LwA - operating at 20°C

Mounting 19" Rack mount (3EIA Units)
• Rack Rails To fit 800mm depth Racks compliant with IEC 297
• Rack Characteristics Back pressure not exceeding 5 pascals (0.5mm water gauge)

Safety & Approvals CE, UL, cUL, EMC EN55022 (CISPR- A), FCC A

STORAGE

15x 500 Gb* Hot Swap, Fault Tolerant
Raid Level: 0 (stripe), 1 (mirror), 5 (stripe/parity), 6 (stripe/dual parity)

NETWORK

Dual-Gigabit Ethernet ports, autosensing 10/100/1000 Mbps
• Support for stand-alone, failover and load-balancing modes

Dual/Quad Fibre Channel optical (LC) modules*
• 2/4 connections, 800 MB/s each one

MONITORING

Temperature
Advanced cooling modules and speed control
Power supply modules including analog voltage and current
Hard disk drives

CONTROL

Graphic WEB Interface
RS-232 Serial Port

* optional feature