

A New Breed of Storage for the Studio



RS8 IP | Gigabit iSCSI storage appliance

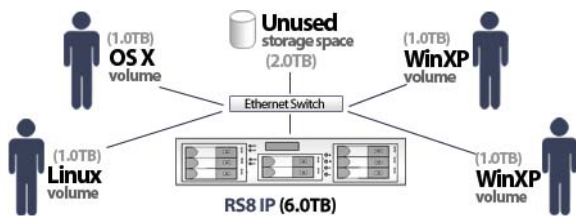
The UltraStor™ RS8-IP is the first, affordable, iSCSI target solution that enables the simple creation of a Storage Area Network (IP-SAN) for effective storage deployment & management across standard Ethernet infrastructures. By combining IP connectivity, volume management and RAID functionality, RS8-IP represents the core component required to integrate a powerful, consolidated, video workgroup storage network.



iSCSI Gigabit Storage Protocol

Centralize, consolidate & provision

In its simplest form, the RS8-IP allows for the consolidation of the storage requirements for multiple users onto a single, centrally managed, storage appliance. Integrated tools facilitate the creation of virtual "drives" (volumes); the capacity of which can be dynamically re-allocated as required. These volumes can be "mounted" to any station in the workgroup and accessed as local storage by that station. Volumes can also be "released" (un-mounted) and mounted for access by a different user. Since these "drives" are accessed via IP addressing, volumes can be mounted by any workstation on the LAN; or even through the Internet. Adding off-the-shelf SAN Management software to this "mix" would allow this configuration to "grow" into a full IP-SAN; permitting simultaneous access to the entire storage array from any and all users of the video workgroup. Instead of mounting/de-mounting specific volumes between users, all users would have access to all volumes all of the time..



Instant storage for DAWs, sfx, & music libraries

One major advantage of the RS-IP line of products is the ability to simultaneously offer fully RAID-protected local volumes, to Mac & Windows-based environments through standard Gigabit network. Studio administrators can easily create a simple storage area network that offers block-level access to storage, ideal for addressing audio workstations, virtual samplers, software synthesizers, sound effects libraries and broadcast servers running Mac or Windows operating systems. All achieved through a single, network managed device.

Award-winning RAID technology

The RS8-IP have been specifically designed to operate in "mission-critical" (24/7) environments. The fully programmable RAID controller can be configured for virtually any RAID level (0,1,0+1,3,5,10,50 and 6) so as to balance data performance versus protection requirements. Background data rebuild capability, coupled with support for "hot spare" data drives, allows the RS8-IP systems to automatically recover from a drive failure even while the system remains online. An intuitive web-based manager allows administrators to dial in just the right RAID level for any application.



Utilize equipment you already own

By employing the Gigabit-based iSCSI protocol, Proavio has created a powerful, yet easy-to-use target solution that can dramatically reduce the costs associated with adding dedicated local storage to a multi-room facility. Gigabit connectivity means users do not have to make an additional investment in hardware since most facilities will already have the necessary network infrastructure.



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PROAVIO

Specifications

System Description:

8-disk, Gigabit iSCSI RAID storage appliance for Mac & PC digital media networks.

System Architecture: 1Gb iSCSI-to-3Gb SATA

Enclosure Features: Rack-ready 2U form-factor, 3.5 x 19.0 x 16.75" (88.9 x 482.6 x 42.5mm)

Controller Architecture: Embedded iSCSI storage controller with user-configurable hardware RAID processor

Interface: Dual Gigabit iSCSI data ports (RJ45)
Each port delivers up to 1000Mb/s *
*Performance will vary according to network infrastructure.

Disk Interface: Hot-swap, 3.5" Serial ATA (SATA) at 3Gb, 7200rpm

RAID Operation: User configurable RAID controllers support RAID level 0, 3, 5 and 6
*Factory configured to RAID level 5 on each array for max protection

System Management: Web-based UI, standard RJ45 Ethernet connection

Hot-swap Components: Disk drives, cooling modules and power-supplies.

Power Supply: Dual redundant (2x460W) hot-swap power-supplies with PFC.

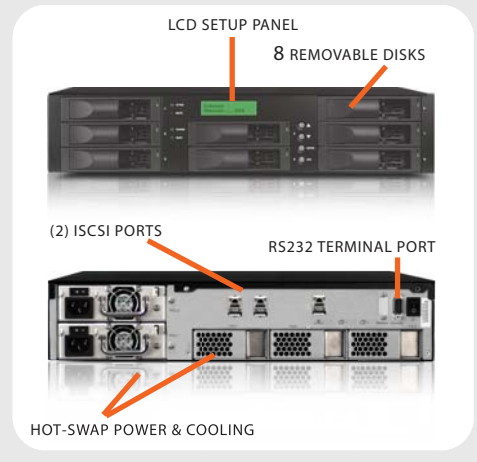
OS Support: Mac OSX, Windows XP Professional, Windows2003 and Linux

Warranty: 3-year factory warranty / **Certifications:** FCC, CE, UL, TUV, BSMI, VCCI

Note: Specifications subject to change without notice

iSCSI allows users to:

- Instantly increase user or server storage capacity
 - Plan & provision storage as needs change
 - Centralize database and application volumes
 - Simultaneously provide volumes to workstation, & servers
 - Design a cost-effective, multi-user, disk-to-disk backup solution
 - Implement Fibre-Channel style "file-sharing" media networks *
- *requires 3rd. party SAN software



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