

OmniLib/IPS



iSCSI Library Interface Option

The OmniLib/IPS*smart* option offers iSCSI network connectivity for any OmniLib/RLS or OmniLib/TLS Series *Simply Reliable* automated

tape libraries. Uniquely designed to support the high throughput needs of streaming data transfers applications, OmniLib/IPS*smart* combines Qualstar's widely regarded tape library technology with flexible iSCSI and NDMP connectivity, making it ideal for both SAN and NAS environments.

KEY FEATURES

- ◆ 1U, standard width rack-mount enclosure
- ◆ Compatible with all OmniLib/RLS and TLS Series tape libraries and drive technologies
- ◆ Gigabit Ethernet-to-SCSI Bridge providing connectivity to iSCSI and NDMP applications
- ◆ Advanced browser-based interface supporting multiple levels of management, security, diagnostics and remote configuration
- ◆ Dual gigabit Ethernet data ports with R J45 connectors
- ◆ Dual Ultra3 LVD/ SE SCSI busses with VHDCI 68-pin "P" connectors
- ◆ Support for Microsoft iSCSI initiators
- ◆ Support for iSCSI protocol standards
- ◆ Support for NDMP ver 4.0, 3.0 protocol standards
- ◆ Configuration, management and monitoring via RS232 or independent Ethernet ports

GIGABIT ETHERNET AND SCSI GbE INTERFACE

- ◆ Dual independent 100 / 1000 GbE R J45 Ethernet data ports
- ◆ Supports Microsoft iSCSI initiators
- ◆ Supports IP v.4
- ◆ Support for NDMP version 4.0, 3.0
- ◆ Compliance with IEEE 802.3 GbE
- ◆ Compliance with IEEE 802.3 flow control
- ◆ SNMP MIB 2.2 support

SCSI INTERFACE

- ◆ Dual independent 160 MB / seconds Ultra3 LVD/ SE SCSI bus ports
- ◆ SCSI block level data encapsulation in iSCSI transport
- ◆ Initiator and target mode support
- ◆ Backward compatible with all single-ended SCSI tape drives

LOCAL AND NETWORK MANAGEMENT

- ◆ Integrated web server for remote configuration, management and diagnostic capabilities
- ◆ Local diagnostics supported through CLI, SNMP, Telnet, FTP and SCSI Enclosure Services (SES)
- ◆ Command line and menu-based ASCII text management access via Ethernet
- ◆ Support for RS-232 access via RJ-11 interface
- ◆ MultiTarget Mode allows each SCSI device to have its own iSCSI Target name
- ◆ Multiple levels of password protection

OPERATING ENVIRONMENT

- ◆ Operating system independent
- ◆ Management support via Ethernet for Windows environments

ENVIRONMENTAL AND PHYSICAL CONFIGURATION CHARACTERISTICS

- ◆ Desktop enclosure with rackmount kit
- ◆ 1.7" (1U) H x 17" W x 8.94" D
- ◆ Weight: 8 lbs
- ◆ Power: 90 – 132 VAC or 175 – 264 VAC
- ◆ 50 – 60 Hz, Max .75 A @ 110 VAC

