

# iSCSI Option

The iSCSI Option offers network connectivity for any Qualstar RLS or TLS-Series *Simply Reliable* automated tape library. Uniquely designed to support the high throughput needs of streaming data transfers applications, it 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 rackmount enclosure
- Compatible with all Qualstar TLS and RLS-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
- Quad gigabit Ethernet data ports with RJ45 connectors
- Dual Ultra320 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**

- Four independent 100/1000 GbE RJ45 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**

- Two independent 320 MB/second Ultra320 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

**OPERATING ENVIRONMENT**

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

**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

**ENVIRONMENTAL AND PHYSICAL CHARACTERISTICS CONFIGURATIONS**

- 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

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