

# QUALSTAR RLS-8350 RACKMOUNT TAPE LIBRARY

RELIABILITY,  
PERFORMANCE  
AND VALUE



The RLS-8350 extends Qualstar's well-respected RLS-8500 Series of *Simply Reliable* automated, high capacity rack mountable tape libraries. Offering superior performance and value, the RLS-8350 delivers 75 terabytes (native). Using typical data compression ratios, capacity can exceed 150 terabytes. Up to three LTO 5 encryption-ready tape drives can be installed to deliver aggregate data transfer rates over three terabytes per hour.

#### **ENCRYPTION ENABLED**

Protect valuable data in transit. The RLS-8350 enables use of the powerful AES 256-bit data encryption capability built into every LTO tape drive. Simple, easy-to-use, library-based encryption allows Administrators to assign a separate key to each partition.

#### **Q-LINK™ REMOTE MANAGER**

Q-Link is the web browser-based remote library manager that allows any RLS tape library to be configured, monitored, diagnosed and managed from anywhere in the world. Even firmware updates can be implemented remotely.

#### **RELIABLE, INTELLIGENT ROBOTICS**

The RLS-8350's unique robotic

mechanism is *Simply Reliable* by design. Leadscrew based robotics using brushless DC motors and closed-loop servo control systems provide precise positioning and flawless media handling for years of dependable operation. All FRUs, options and tape drives are auto-discovering, and all electrical and mechanical adjustments have been completely eliminated by sophisticated, adaptive "smart" logic design. Each tape drive is a self-connecting assembly that eliminates handling cables. Simply slide the drives in or out. All service access is through the front or rear of the unit. Once an RLS-8350 is installed in a rack, there is no need to ever dismount it.

#### **EASY OPERATION**

The RLS-8350 is equipped with a high resolution, color touch screen for local operation. An intuitive menu-driven control system provides easy-to-use installation, configuration and operation information. Critical operating functions are displayed and an audible alarm signals conditions requiring immediate action. All of the information,

functions and controls built into the front panel display are replicated in Q-Link. If allowed by user security policies, Qualstar Technical Support can use Q-Link to monitor library operation to assist with configuration issues and troubleshooting.

#### **ADVANCED CARTRIDGE MANAGEMENT AND SECURITY**

Barcode scanning enhances throughput and controls the media inventory. RLS-8350 is equipped with a 4-slot I/O port for efficient media import and export. The tapes inside the RLS-8350 are physically secured by keyed locks.

#### **LOGICAL LIBRARY**

Logical Library partitioning is built into the RLS-8350 library. It allows up to three servers to share a single library, even if each server is running a separate application. Systems that weren't economical to upgrade can now be protected, automatically.



SIMPLY RELIABLE

# QUALSTAR RLS-8350 RACKMOUNT TAPE LIBRARY

RELIABILITY, PERFORMANCE AND VALUE



### ENGINEERED FOR RELIABILITY

- Auto-connecting, user-installable tape drives
- All brushless motors
- Self-calibrating all-digital servo control system
- Auto-aligning: no mechanical or electrical adjustments
- Auto-discovery of all components
- Over 2,000,000 MEBF
- Automated tape drive cleaning
- Filtered, forced-air cooling

### VERSATILITY

- ADI library interface
- Rack mount kit
- Fibre Channel and SAS drive support
- Logical Library partitioning
- All access through front and back of unit

### COMPREHENSIVE USER INTERFACE

- Q-Link browser-based remote library manager
- Color LCD touch control panel and menu system for easy installation, configuration, operation and maintenance

### EFFICIENT MEDIA CONTROL

- Barcode scanner
- 4-slot I/O port

### VALUE

- Simple, easy-to-use encryption
- N+1 power option
- Three year warranty



RLS-8350 SERIES SPECIFICATIONS	RLS-8350
Drive Type	LTO 5
Number of Drives	1 – 3
Number of Data Tapes	50
I/O Port / Slots	1 port with 4 slots
Native Capacity (TB)	75
Hours of SD Video	6,665
Compressed Capacity (TB)*	150
Max Native Data Rate (TB/hr)	1.5
Max Compressed Data Rate (TB/hr)*	3
Library Interface	ADI
Drive Interfaces	SAS, FC
Average Exchange Time (seconds)	7.5
Time to Scan All Barcodes (seconds)	< 90 Seconds
Barcode Reader	Standard
Rack Mount Kit	Standard
Height (in/cm)	6U (10.5 / 26.7)
Width (in/cm)	16.6 / 42.2
Depth (in/cm)	35.3 / 89.7
Net Weight (lb/kg)	TBD
Power Consumption (watts, avg)	TBD

\* Using typical compression ratios

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Qualstar Corporation does not warrant the MEBF to be representative of any particular unit installed for customer use. Failure rates are derived from a large database of test samples. The individual failure rate will vary from unit to unit.

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Qualstar products are covered by one or more of the following patents: 6,271,982, 6,560,061 and 7,181,313. Other patents pending.

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**SIMPLY RELIABLE**