



QStar has combined tape device emulation software with the SntryStr hard disk appliance architecture to provide a superior archival backup solution. SntryVTL is faster, more flexible, more robust, and more cost-effective than a pure tape backup.

Exponential data growth, shrinking backup windows, fast data restores, and new government regulations make data protection a challenge for any storage manager. The SntryVTL Disaster Prevention Appliances solve these challenges by providing fast, reliable data backup and recovery.

SntryVTL is a backup appliance solution that offers all the convenience of tape methodology with the speed and reliability of hard disks. Access to files using SntryVTL is instant and more reliable than solely using a tape device.

HIGHLIGHTS

- Simplify the Backup Process
- Virtually eliminate tape backup job failures
- Regain your backup window
- Re-deploy staff resources used for monitoring tape backup
- Fast online data restore
- Reduce or eliminate tape media costs
- Avoid disadvantages of host-based backup
- Simple deployment: An integrated Plug-and-Play Virtual Tape Library appliance

Features & Benefits

- Fibre Channel Connectivity
- Simple deployment: An integrated Plug-and-Play Virtual Tape Library appliance
- Seamlessly scales from 2 TB to 96 TB of RAID capacity
- Partition into multiple logical libraries and virtual tape drives
 - Up to 16 Virtual Libraries
 - Up to 128 Virtual Drives
- Default Emulation is LTO
 - User can select other popular drive types
- Supports T10 library control standard as a default
 - User can select other library emulations as needed
- Virtual Barcode assigned via SntryVTL back to backup software
- Run in the background so not to affect backup window times
- Tested with many popular backup packages
 - Contact QStar to check if your backup package is already supported





QVTL - 6000



The SentryVTL provides:

- **Flexible Functionality** - SentryVTL disk disaster prevention appliances can be easily configured as a virtual tape library or as standalone virtual tape drives.
- **Easy Integration** - compatible with all popular open systems or Windows-based backup software, physical tape drives or tape libraries and easily connects to Ethernet (iSCSI) or Fibre Channel networks for seamless integration into existing backup environments.
- **Disk Backup Performance** - when configured as virtual tape, data is written sequentially and in large blocks for fast, reliable disk backup and recovery operations.

Combine our SentryVTL disaster prevention appliances with any supported tape libraries or autoloaders for a complete disk backup and recovery and archive solution, or as a cost-saving virtual tape library (VTL).

SYSTEM FEATURES

Capacity (Raw)	<ul style="list-style-type: none"> • From 2 to 96 TB
Drive	<ul style="list-style-type: none"> • Maximum 6 drives (hot swappable)
Model #	<ul style="list-style-type: none"> • QVTL - 6000/01: 2 TB (4 x 500GB) • QVTL - 6000/02: 3 TB (6 x 500GB) • QVTL - 6000/03: 3 TB (4 x 750GB) • QVTL - 6000/04: 4.5 TB (6 x 750GB) • QVTL - 6000/05: 4 TB (4 x 1TB) • QVTL - 6000/06: 6 TB (6 x 1TB)
RAID	<ul style="list-style-type: none"> • RAID 5
Built-in Storage	<ul style="list-style-type: none"> • CD-RW/DVD ROM
Setup and Configuration	<ul style="list-style-type: none"> • Web-based user interface for system administration
Network Connection	<ul style="list-style-type: none"> • Dual port auto-sensing gigabit NIC • Automatic IP address assignment • Supports DHCP, ARP
Interface	<ul style="list-style-type: none"> • Up to 6 expansion storage units with 15 drives (hot swappable) • Fibre card (optional) • iSCSI support • Adaptec 29320 SCSI PCI Express Adapter
CPU	<ul style="list-style-type: none"> • Intel Dual Core Xeon Processor (supports up to two) • Up to 4 MB DDR RAM
RAM (Included)	<ul style="list-style-type: none"> • 2 GB
Graphics	<ul style="list-style-type: none"> • Integrated ATI ES1000 controller with 16MB of SDRAM

SPECIFICATIONS

Agency Certifications	<ul style="list-style-type: none"> • CAN/CSA C22.2 No. 60950-1, CSAAus, FCC Class A, CE IHE, VCCI, BSMI, C-Tick Class A, SABS, Class A, CCC Class A, MIC Class A, UL 60950-1, EN 60950-1, IEC 60950-1
Physical	<ul style="list-style-type: none"> • 2U Rack-mountable chassis • Width: 17.5" (44.43cm) • Height: 3.4" (8.64cm) with bezel attached • Depth: 29.31" (74.4cm) • Weight: 50.71 lbs (23 Kg), maximum configuration
Power	<ul style="list-style-type: none"> • AC configuration with standard single or redundant 750W hot-plug auto-switching universal 110/220V AC power supplies
Operating Environment	<ul style="list-style-type: none"> • Operating Temperature: 10° C to 35° C (50° F to 95° F) • Operating Relative Humidity (non-condensing twmax=29C): 20% to 80% non-condensing • Operating Vibration: 0.26G at 5Hz to 350Hz for 2 minutes • Operating Shock: 1 shock pulse of 41G for up to 2ms • Operating Altitude: -16 to 3,048m (-50 ft to 10,000 ft)
Non-operating Environment	<ul style="list-style-type: none"> • Storage Temperature: -40° C to 65° C (-40° F to 149° F) • Storage Relative Humidity: 5% to 95% non-condensing (twmax=38C) • Maximum humidity gradient: 10% per hour, operational and non-operational conditions. • Storage Vibration: 1.54Grms Random Vibration at 10Hz to 250Hz for 15 minutes • Storage Shock: 6 shock pulses of 71G for up to 2ms • Storage Altitude: -16m to 10,600m (-50 ft to 35,000 ft)

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