

XVAULT ST3000 STORAGE APPLIANCE

Easy to Use Expandable Storage Appliance for Video Surveillance

FLEXIBLE AND SCALABLE

The xVault ST3000 is a centralized storage solution intended for multiple surveillance server deployments. The ST3000 can be used as primary recording storage or as an archiving location. Simple management makes the ST3000 easy to deploy and maintain, and the flexibility to add JBODs means you can expand the storage footprint to meet growing camera or archiving needs.

KEY FEATURES

- Compared to other storage solutions setup and maintenance is simpler and more intuitive, allowing you to complete your projects faster and spend less on support time
- Ability to add ST3000EX JBODs means you can easily add large amounts of storage expansion to support camera recording
- The ST3000 provides multiple network ports increasing bandwidth and allowing for support of multiple xNVRs

ARCHIVING OPTIONS

- The ST3000 can support the archiving features of any 3rd party VMS
- Integrators can use the ST3000 as a standards based (iscsi) target for xNVRs holding the primary video or 3rd party servers
- For additional storage up to four (4) ST3000EX (JBODSs) can be attached for 576TB of raw storage

- Simple setup and management makes the ST3000 easy to deploy and support
- Optimize recording and archiving performance
- Flexible and scalable to accommodate expansion for storage and bandwidth



XVAULT ST3000

P/N: ST3000

SYSTEM

Operating System	xVOS
Client Operating System	Windows Server 2012/2008, Windows 10, 8/7 VMware*, Citrix, Linux, Solaris
Network Protocols	FCoE, iIPv4, iSCSI, SMB, SMB2, CIFS, NFS v 2 / v3
iSCSI Volume Security	CHAP, Mapping/Masking
SAS v2 6g	Yes (configurable for expansion or host connection with or without mapping and masking)
Fibre Channel	Optional 8Gb/s and 16 Gb/s ¹ (supports masking)
Infiniband	Optional ¹ FDR and QDR
Bootable	iSCSI, SAS, and Fibre Channel
Local Replication	Standard
Maximum iSCSI Sessions	512
Maximum Mounted Volumes	128
Volume RAID Set Crossover	Standard
Snapshots	Standard
Local & Remote Replication	Standard
Block Level Deduplication	Option
Drive Level Encryption	Option
Thin Provisioning	Option
Backup to Cloud	Option
Management	Web GUI



MECHANICAL

Form Factor	4U
Network Interfaces	Five 1Gbe Ports
SAS 6g	3 × External Mini-SAS, 4 × SFF-8088 Connector
Optional 10Gbe Support¹	Dual SFP+, Dual RJ45 Cat6a
Optional F/C Host Ports¹	8Gb/s or 16Gb/s ¹ SFP + Fibre Optic with Mapping and Masking
Optional FCoE Host Ports	1GbE or 10GbE PHY
Optional Infiniband Host Ports¹	Dual QDR or FDR external connections
Maximum Internal Drives	24 × 2.5" or 3.5"
External Expandable	Up to 216 drives; 584 with 6 SAS port option
Drive Compatibility	SAS 3g, SAS 6g, SATA-I, SATA-II, and SATA-III (6g)
RAID Level Support	0, 1, 10, 5, 6, JBOD, RAID 50 and 60 by volumes spanning RAID sets
Total Expanded Raw Capacity	2.8PB
Dimensions (w x h x d)	19 × 7 × 26.7 inches / 483 × 174 × 679 millimeters
Weight	35kg / 77 lbs. with PS & Rails (53.5kg / 118 lbs with drives)
Power	Dual Load Balance Hot Swap, Redundant 975 watts, 80+ efficiency rating
AC Input / VAC Frequency	100VAC - 240VAC / 47-63 Hz
BTU per Hour	3276
Operating / Non-Operating Temp	0°C to 40°C / 0°C to 50°C
Operating / Non-Operating Humidity	5%–90% non-condensing

¹ Only one option slot for 10Gbe, additional SAS ports, F/C, or Infiniband
* Not on HCL

The product is obsolete please check with your Account Manager for the current offering.

ARROW
Five Years Out

Arrow Electronics, Inc.
6040 Tarbell Road | Syracuse, NY 13206
p: 800.227.3432 | www.senecadata.com