

SENECA ST4000EX STORAGE APPLIANCE

Direct Attached Expansion (DAE) exclusively for the ST4000

The Seneca ST4000EX is a high capacity centralized storage appliance engineered as a companion expander for the ST4000. This solution is expandable to 96 drives and features rich block level storage for iSCSI and Fibre Channel to house your surveillance recordings or archives. The ST4000EX setup and maintenance follows the simple and intuitive usage model of the ST4000 allowing you to complete your projects faster and get your customer's system up and recording.

This simple approach to storage management combines high performance and high capacity storage hardware with next generation software to create the optimum balance of affordability, capacity and performance. The ST4000EX series delivers responsive and cost effective storage infrastructure to support multiple users, applications and servers.

KEY FEATURES

- Multiport FibreChannel
- iSCSI
- SAS Arrays
- Supports the archiving features of any 3rd party VMS
- Connect up to seven (7) ST4000EX (JBODSs) for 960TB of raw storage
- Integrators can use the ST4000 as a standards based (iSCSI) target for xNVRs holding the primary video or 3rd party servers
- Integrates with Seneca xConnect

Expansion for the ST4000 ONLY

6G SAS Interface

Supports SSD, SATA and SAS

2.5" and 3.5" form factors

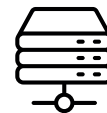
Redundant hot-swap power



Best in class devices



Optimized enclosures



Integrated systems



SENECA ST4000EX

P/N: ST4000EX

SYSTEM

RAID	Controlled by the Seneca ST4000
Connectivity	Input: Dual Controller 2 SAS 6G Single Controller 1 SAS 6G Input: Dual Controller 2 SAS 6G Single Controller 1 SAS 6G
Storage Expandability	Up to 7 × ST4000EX Expansion Chassis; maximum 96 drives (including the Seneca ST4000)
Compliance	Safety: UL 60950-1, EN 60950-1, IEC60950-1 EMC: CFR 47 Part 15, subpart B, Class A: CES/NMB-003 Class A, ENC55022 Class A, EN55024, EN61000-3-2, EN61000-3-3 Operating System: VMware ESXi v5.x & v6.x
Standard Marks/Approvals	North America: FCC, UL, cUL, ICES/NMB-003 Class A Europe: CE China: CCC (PSU only) Taiwan: BSMI Korea: MSIP (formerly KCC) Japan: VCCI Australia: RCM (formerly C-tick)
Environmental Standards	Registered through DEKRA to the international environmental management systems standard ISO 14001:2004 and holds certificates for its manufacturing sites at Havant, UK; Guadalajara, Mexico and Seremban, Malaysia
Warranty	Three Year 24/7 Phone Support with NBD Part Replacement Options: Base Warranty with NBD Onsite Service and Parts Base Warranty with 8/5 Four Hour Onsite Response* Base Warranty with 24/7 Four Hour Onsite Response* Five Year Warranty Upgrade Available



MECHANICAL

Form Factor	2U Rackmount
Power Supply	475 Watts; Dual Load Sharing Hot-swap with Integrated Chassis Cooling Fans
BTU/hr	1,622
AC Input / VAC Frequency	100–200VAC / 50–60 Hz
Power Draw	3.95 Amps at 120VAC / 2.16 Amps at 220VAC
Cooling	Active
Bays	12 × 3.5" or 2.5" Hot-swap
Maximum Storage	120TB of RAW storage per enclosure 960TB of RAW storage with 7 × ST4000EX Expansion Chassis (including the Seneca ST4000)
Front I/O	Power Switch, Disk Activity, host Port Activity
Ambient Operating Temperature	5°C to 40°C (41°F to 104°F)
Operating Humidity	10% to 90% RH up to 40°C (104°F) Non-condensing
Mounting	Standard ISO Rack
Dimensions (w x h x d)	17.6 × 3.5 × 20.5 inches / 447 × 89 × 527 millimeters
Weight	46.2 lbs / 20.8 kg with slides 68.4 lbs / 30.5 kg with slides and fully populated disk load

*Four hour Onsite response subject to location
Specifications are subject to change, contact your account representative for current configuration.

ARROW
Five Years Out

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