SecurOS™ SAN Storage 850/855 Series Datasheet

KEY FEATURES:

- Supports consolidated storage and extended retention time

- Easy access to the video data with consolidated storage

- Up to 5.38PB Data Storage

- SecurOS™ VMS Certified, Optimized and Guaranteed

- 99.999% Guaranteed Uptime

- NL-SAS Data Drives for High-performance Recording

- 5 Year Next Day On-site Warranty

The SecurOS™ SAN Storage 850/855 Series delivers built-in simplicity, design for flexibility, and exceptional reliability. The SecurOS™ SAN Storage 850/855 offers easy setup with all-inclusive software, distributed RAID (ADAPT) for faster rebuild times (as compared to standard RAID), and an intuitive HTML5 management interface. Rest assured that the SecurOS™ SAN Storage 850/855 Series is optimized and guaranteed to work seamlessly with SecurOS™ VMS Servers.

The SecurOS™ SAN Storage 850/855 is a high-capacity, centralized storage appliance purpose-built and engineered to withstand even the most demanding environments. Tested, tuned and optimized for both the security and the corporate IT industries, the SecurOS™ SAN Storage 850/855 offers the latest in storage technology, ideal for large-scale projects and installations. With reliability, performance, and affordability, the device is unparalleled in the industries it serves.

Best in class components with a warranty to match, the SecurOS™ SAN Storage 850/855 is designed to give you the power you need with the performance you can rely on. ISS tests, tunes, and guarantees that the SAN storage servers endure the toughest installations.

SYSTEM

Operating Systems Supported	Windows Server 2016, VMware 6.5/6.0, Microsoft Hyper-V, RHEL 6.9/7.4
CPU	Intel® Xeon® Broadwell Processor
RAM	16GB (8GB per Controller)
Data Storage	*SOS-STR-850-H-336T (Head Node)*: 1PB NL-SAS (84 x 12TB max / 28 x 12TB in default config) *SOS-STR-850-E-336T (Expander Node)*: 1PB NL-SAS (84 x 12TB max / 28 x 12TB in default config), up to 3 Up to 4PB total *SOS-STR-855-H-448T (Head Node)*: 1.34PB NL-SAS (84 x 16TB max / 28 x 16TB in default config) *SOS-STR-855-E-448T (Expander Node)*: 1.34PB NL-SAS (84 x 16TB max / 28 x 16TB in default config), up to 3 Up to 5.38PB total
RAID	ADAPT (Distributed RAID); RAID 0, 1, 5, 6, 10, 15 Dual RAID Controllers
Volumes per System	1024
Cache	Mirrored Cache, Supercapacitor cache backup, nonvolatile cache backup to flash
Connectivity	16Gb Fibre Channel, 10Gb iSCSI
Ports	4 x Fibre Channel or 4 x SFP+; 4 x Multi-protocol
Management Interface	MESM (HTML5 GUI, CLI, REST)
Warranty	5 Year Global Next Business Day, Onsite Warranty (Keep Your Own Hard Drives)
Accessories, included	USB Keyboard, Mouse, Rail Kit, 4 x DAC 10Gbps SFP+ to SFP+ Twinax Cables

MECHANICAL

Form Factor	5U Rackmount Head Node and Expander
Data Drive Bays	84 x 3.5"
Power Supply	2 x 2200W
AC Input VAC Freq.	200 VAC to 240 VAC
Cooling	Active
Operating Temperature	41°F to 104°F (5°C to 40°C)
Dimensions (WxDxH)	19" x 35.12" x 8.75" (482.6mm x 892.2mm x 222.3mm)
Weight	298 lbs (135 kg) Fully Populated
Mounting	Standard 19" Rack
Regulatory	UL 60950-1 (United States)	CAN/CSA-C22.2 No.60950-1-07 (Canada)	EN 60950-1 (European Union)	IEC 60950-1 (International)	CCC (China PRC – CCC Power Supplies)	BIS (India – BIS Power Supplies) FCC CFR 47 Part 15 Subpart B Class A (United States)	ICES/NMB-003 Class A (Canada)	EN 55022/EN 55032:2012 Class A (EU)	AS/NZS CISPR 22/CISPR 32 Class A (Australia/New Zealand)	VCCI Class A (Japan)	KN 22/KN 32 Class A (S. Korea)	CNS 13438 Class A (Taiwan) EN 61000-3-2 (EU) EN 61000-3-3 (EU) EN 55024 (EU)	KN 24/KN 35 (S. Korea) The RoHS Directive (2011/65/EU)	The WEEE Directive (2012/19/EU)	The REACH Directive (EC/1907/2006)	The Batteries Directive (2006/66/EC) Australia/New Zealand (RCM), Canada (cUL/ICES/NMB-003 Class A), China (CCC – PSU only), European Union (CE), Japan (VCCI), South Korea (MSIP), Taiwan (BSMI), United States (FCC/UL)

ORDERING INFORMATION

SecurOS™ SAN Storage Part Numbers	SOS-STR-850-H-336T, SOS-STR-850-E-336T, SOS-STR-850-PACK-168T, SOS-STR-855-H-448T, SOS-STR-855-E-448T, SOS-STR-855-PACK-224T

INTELLIGENT VIDEO. DEFINED.