

PacketSentry™ Storage Expansion System

PacketSentry users seeking to increase the amount of available storage for transaction data should consider the PacketSentry Storage Expansion System. The Expansion System is designed to complement the PacketSentry Manager and transparently raises the total available space for network activity data to over seven terabytes. This allows instant access to potentially years' worth of data, without any operator retraining or cumbersome archiving and purging procedures.

Maximize your investment in PacketSentry by keeping your critical activity data available over the longer term, facilitating security investigations, baseline analysis, and reporting.

Enterprise Class Data Availability

The Storage Expansion System is a 2RU chassis that is installed in the same rack as the PacketSentry Manager. The chassis contains dual (redundant) I/O controllers, dual (redundant) power supplies, and either six or twelve 1TB disk drives. RAID10 data protection, combined with redundant connections between the Storage Expansion System and dual host adapters on the PacketSentry Manager provide a high-availability design with no single point of failure.

The Storage Expansion System is easily integrated with the rest of the PacketSentry solution. The Storage Expansion System enclosure contains six or twelve hot-swappable disk drives in just two standard units of rack space. Designed with hot-swappable controllers, power supplies, and cooling modules, this fully-redundant enclosure is built to meet the demands of 24/7 operation.



FEATURES

- Expands PacketSentry total storage capacity to over 7.1TB
- Permanent transaction record of all user activity for up to three years
- No changes to operational procedures – transparent operation
- Delivers an enterprise-class HA design with no single point of failure
- Fully redundant solution: disks, power, controllers and cabling
- Future expansion via multi-chassis capability

Technical Specification

GENERAL INFORMATION	STORAGE EXPANSION SYSTEM, 6TB	STORAGE EXPANSION SYSTEM, 12TB
Product Part Number	PS-EXP-6TB-0300	PS-EXP-12TB-0300
Max. Raw Capacity	6TB [Expandable to 12TB]	12TB
Available Storage for User Data	2.7TB [Expandable to 5.4TB]	5.4TB
Number of Disk Drives	6 [Expandable to 12]	12
Controller	Dual EBOD controller	
Host Bus Adapter (HBA) (Installed in PacketSentry Manager)	Dual SAS (3Gb/s) HBA	
Disk Types Supported	SATA II (3Gb)	
Performance	Up to 1200 MB/s	
External Connectivity	Dual SAS ports connected via dual 1-meter cables to dual HBAs	
Expansion Interface	Allows future expansion via multi-chassis storage solution	
Data Protection	RAID10: Allows data protection in case of multiple disk failures	
Redundancy	Dual I/O controllers and power supplies	
SYSTEM AVAILABILITY		
Hot Swappable Components	Disk drives, I/O Modules, power supplies and cooling module	
DIMENSIONS		
Height	87.9mm (3.46") 2 EIA units	
Width	443.7mm (17.49") IEC Rack Compliant	
Depth	550mm (21.65")	
Weight	32.2Kg (71 lbs.) dual controller configuration with drives	
ALTITUDE, POWER AND TEMPERATURES		
Operational Altitude	2,133m (7,000')	
Non-operational Alt.	12,192m (40,000')	
Voltage	100-240VAC	
Frequency	48 - 62 Hz	
Power Consumption	300W typical	
Temperature Range	Operating: 5° to 40°C (41° F to 104° F)	
Humidity	Operating: 10% to 80% non-condensing	
SHOCK AND VIBRATION		
Operational Shock	5g 10ms ½ sine	
Operational Vibration	Random .21grms 5-500Hz	
Non-op. Shock	30g 10ms ½ sine	
Non-op. Vibration	Random 1.04 grms 2-200Hz	
Relocation Vibration	Swept Sine 0.9g 2-200Hz	
Acoustics	<58 dB LpA @20°C	
APPROVALS		
UL and cUL listed. Tested to UL/IE/EN 60950. Certified Body Certificate & Report to IEC60950.		
CE marked to the requirements of the Low Voltage Directive 73/23/EEC and the Electromagnetic Compatibility Directive 89/336/EEC. FCC Class A.		
EMC: EN55022/EN61000-3-2; EN61000-3-3.		
Environmental Standards	ISO 14001: 2004 Cert No. EMS91560	

About PacketMotion

PacketMotion is the developer of the industry's first security solution that gives businesses the ability to see user activity inside their networks as it happens, allowing them to identify improper actions in real time and to instantly respond. PacketSentry works with an organization's existing infrastructure and processes to cost-effectively safeguard assets, automate compliance and governance practices, and reduce business risk. For more information:

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