SVS RS3 Series – Storage Video Server

STORAGE VIDEO SERVER

Compact 1U server solution for Video Surveillance. In the history of the surveillance industry, there has never been more focus on Quality, Reliability and Cost Efficiency when it comes to selecting products for surveillance projects. Fibrenetix Storage Video Server (SVS) has been designed to meet these ever growing needs.

NVR, Playback server, or Datacenter server

The SVS RS3-462 is a compact and versatile 1U, 4-bay server based around high-performance server technology, with Intel Xeon E3-1200 v6 or Gold Xeon processors and Fibrenetix award winning RAID-6 engine, to deliver enterprise-level performance. It is ideal as a playback server and a low capacity recording server, offering between 8 and 56Terabytes of storage capacity.
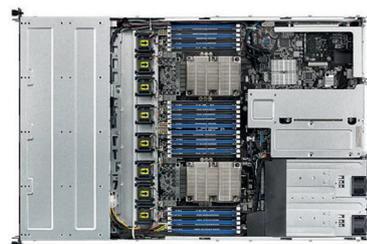
Fibrenetix SVS range has been certified to run with Milestone IP video management software, offering support for up to +200 cameras per NVR and longer retention capabilities than any other competitor in its class.

Ultra-dense Formfactor

The SVS RS3 series offers a single or dual CPU, up to 4x DDR4 memory, 1x PCIe expansion device and a single or dual PSU module in a 1U high, 600mm deep enclosure. This ultra compact formfactor enables the server to be deployed in almost any SMB or datacenter environment.

Affordable, Enterprise-level Performance and Reliability

The SVS RS3 delivers great performance with one of the best 'price per camera / cost per gigabyte' ratios in the industry. With the flexibility of LAN and storage expansion, with quick and easy configuration.. The SVS RS3 comes as standard with a Windows user interface and an easy to use GUI for quick, problem free installation and maintenance. Offering an outstanding solution with minimal cost of ownership.

1U SERVER SOLUTION FOR VIDEO SURVEILLANCE

SVS RS3 Series v.0718

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Flexible, Scalable I/O options – plus key benefits over HP 1U server

The SVS RS3 offers flexible I/O scalability to meet today's diverse datacenter application requirements. The additional PCIe expansion slot can be used with a Fibrenetix hardware RAID controller to provide more than 500TB of RAID 5 storage.

Remote Management via IPMI enabling cold or warm boot

A built-in, dedicated LAN port for remote monitoring (IPMI) enables the server administrator to monitor and manage the server from a remote location. The server can even be 'cold' booted remotely if required.

Features:

- Compact 1U server with onboard OS
- Windows 10 Pro or Windows Storage Server 2016
- 8GB memory as standard, upgradeable to 64GB or 512GB
- High performance Intel Xeon E3 or GOLD Xeon processoras standard
- Dual 240GB SSD drives in RAID 1 for applications & OS
- 4x 3.5" HDD bays for up to 56TB of data
- Highly efficient Dual hot swap PSU

Technical Specifications

Storage Video server	RS3-462-xx-A4 Series	RS3-462-xx-A5x Series
No. of Drive Bays	4	4
Optional 10Gbit Support	Yes	Yes
No. of Onboard LAN Ports	2/4	2/4
No. of PSUs	1 (**upgradeable to 2**)	1 (**upgradeable to 2**)
Hot-swap Components	HDDs, PSUs, Fans	HDDs, PSU, Fans
No of 4-core E3-12**xx** v6 Intel CPUs	1	–
Gold Xeon Intel CPUs	–	1 (**upgradeable to 2**)
Max. cores per CPU	4	8 – 16
Memory: Standard / Maximum	8GB / 64GB	8GB / 512GB
Maximum HDD Capacity	14TB	14TB
Storage capacity (gross)	56TB	56TB
Max Capacity – Incl. Expansion	2440TB	2440TB
Hardware RAID Levels	0, 1, 3, 5	0, 1, 3, 5
Default Operating System	Windows 10 Pro or Windows Storage Server 2016	Windows 10 Pro or Windows Storage Server 2016
Dimensions – mm (D × W × H)	615mm x 444mm x 44mm (1U)	615mm x 444mm x 44mm (1U)

Specifications are subject to change, without prior notice.

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