

Streamvault SV-4000E

Turnkey rackmount security appliance

The Streamvault™ SV-4000E is a rackmount security appliance that delivers enterprise-grade performance and reliability. Its certified hardware configurations and out of the box hardening against cyber threats simplifies the design and deployment of a new security system. With Security Center pre-loaded, you can deploy it in the field immediately and get your system up and running faster.

Guaranteed performance

- up to **> 2,220 Mbps** total throughput
- up to **> 2,000** readers
- up to **> 75** ALPR cameras
- up to **> 560 TB** storage



Key features

Turnkey appliance with Genetec™ Security Center pre-installed

NLSAS storage with RAID 6 configuration

iDRAC9 Enterprise for local and remote server monitoring

Machine learning endpoint protection

5-year hardware warranty with Keep Your Drive and Genetec Assurance with next-business day on-site service

Benefits



Increase system resilience – The SV-4000E's SAS storage protects your system against data loss and provides a more fluid experience.



Protect your security system – Streamvault appliances help you build a resilient security system that protects your data and operations. Our cyber security experts stay vigilant on evolving threats and help identify and address new vulnerabilities promptly.



Get up and running faster – Shorten deployment time and simplify planning with Security Center pre-installed and ready to go.

Applications

Critical infrastructure

Deploy a unified security system with video surveillance, automatic license plate recognition and communications to provide your team with a complete view of events.

Transportation

The SV-4000E appliance scales seamlessly with your needs and delivers advanced security capabilities, such as video analytics, interactive maps and more.

Education

Protect students and staff across your campus and unify video surveillance, access control, intercoms

Technical specifications

OS

Windows Server 2022

Processor

SV-4040EX-R6S/R4/R12:
2x Intel® Xeon® Silver 4410Y
Passmark: 29,585

SV-4040EX-R26:

2x Intel® Xeon® Gold 5416S
Passmark: 36,391

Memory

64 GB DDR5

Ethernet

SV-4040EX-R6S/R4/R12/R28:
2x 1GbE RJ45, 2x 10/25GbE SFP28

Peripherals

1x USB 3.0, 1x USB 2.0

Video output

SV-4040E-R6S/R4/R12:
1x VGA front, 1x VGA rear
SV-4040E-R28:
1x VGA rear

Integrated Dell Remote Access Controller

iDRAC9 Enterprise

Performance

SV-4040EX-R6S/R4/R12:
Up to 2160 Mbps / 700 cameras
SV-4040EX-R28:
Up to 2220 Mbps / 850 cameras

Mechanical and environmental

Operating temperature

50°F to 95°F (10°C to 35°C)

Operating humidity

8 - 80% (non-condensing)

Compliance standards

IEC 60950-1, European Norm EN 60950-1,
CISPR 22/CISPR 24, EN55022/55024

Expansion

SV-4040EX-R12: Up to 4x LP
SV-4040EX-R6S/R4/R28: Up to 2x LP

Cybersecurity

Endpoint protection

BlackBerry Protect machine learning
antivirus

Hardened image

200+ security settings changed by default

Maintenance

Verified Windows updates
Connected services for Genetec software
and device firmware updates.

Storage

Drive type

Enterprise HDD

OS drive

2x 480GB M.2 NVMe (Hot Swappable)

Available drive sizes

4TB, 8TB, 12TB, 16TB, 20TB

RAID controller

SV-4040EX-R6S: H755 8GB NV cache
SV-4040EX-R4/R12: H755 8GB NV cache
SV-4040EX-R28: H965i 8GB NV Cache

Data RAID level

SV-4040EX-R6S: RAID1
SV-4040EX-R4/R12: RAID 5/6, RAID 10
available as an option
SV-4040EX-R28: RAID 6 or RAID 6 + 1 hot
spare, RAID 10 available as an option

Maximum data storage

560 TB (raw); 450.3 TB (usable)

Warranty and support

Hardware warranty

5-year warranty with next business day on-
site service and Keep your own Hard Drive

Security Center support

Current and two previous versions (N-2)

Models

Model	Form factor	Bays	Dimensions (W x D x H)	Max weight	Power (100-240v)
SV-4040EX-R6S/R4	1U	Up to 8x 2.5" Up to 4x 3.5"	17.1" x 29.83" x 1.68" / 17.1" x 31.27" x 1.68" (434mm x 757.75mm / 794.67mm x 42.8mm)	48.3 lbs (21.9 kg)	2x 550W
SV-4040EX-R12	2U	12	17.1" x 28.2" x 3.4" (434 mm x 716 mm x 87 mm)	73 lb (33.1 kg)	2x 1100W
SV-4040EX-R28	2U	28	17.63" x 33.26" x 3.4" (448mm x 844.83mm x 86.36mm)	88.18 lbs (40 kg)	2x 1100W

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*Hardware specifications are subject to change. Units provided will be equivalent or superior to what is shown in this document.

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