Genetec™

Streamvault SV-2000E

Turnkey security appliance

The Streamvault™ SV-2000E security appliance is a turnkey solution that lets you easily deploy a unified system combining video surveillance, access control, automatic license plate recognition and communications. It accelerates your project by delivering a secure appliance with Security Center pre-loaded.

Guaranteed performance

> up to **670** Mbps
total throughput

> up to **2000** readers

> up to **75** ALPR cameras

> up to **560** TB NLSAS storage

Key features

Turnkey appliance with Genetec™ Security Center pre-installed

Video surveillance-grade NLSAS storage with RAID 5, 6 or 10 configuration

iDRAC9 Enterprise for local and remote server management

Machine learning endpoint protection

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

Benefits

Design with confidence – The SV-2000E appliance is delivers certified performance for a wide range of scenarios, so you know your system will meet your needs today and tomorrow.

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 – The SV-2000E appliance is ready to install the moment you receive it. It shortens deployment time and standardizes processes across locations.

Applications

Education

Provide a safer environment for students and staff across your campus, or deploy the SV-2000E appliance as a centralized monitoring solution for multiple remote schools.

Transportation

Take advantage of advanced security capabilities, such as dyamic mapping and video analytics, and help your team efficiently monitor and respond to events across your terminal.

Retail

The SV-2000E appliance lets you standardize security processes across your entire chain. Augment video surveillance with ALPR and point-of-sale integration to make the most of your system.

Technical specifications

OS
Windows Server Standard 2019 LTSC

Processor
SV-2030E-R4/R6S:
Intel® Xeon® E-2336
Passmark: 17,162

SV-2040E-R12:
1x Intel® Xeon® Silver 4410Y 2.0GHz
Passmark: 29,585

SV-2040E-R28:
1x Intel® Xeon® Gold 5416S 2.0GHz
Passmark: 36,391

Memory
SV-2030E-R4/R6S: 16GB DDR4

SV-2040E-R12/R28: 32GB DDR5

Ethernet
SV-2030E-R4/R6S: 2x 1GbE RJ45
SV-2040E-R12/R28: 2x 1GbE RJ45

Peripherals
1x USB 2.0 + 1x USB 3.0

Video output
SV-2030E-R4/R6S/R12:
1x VGA front, 1 VGA rear
SV-2040E-R28: 1 VGA rear

Integrated Dell Remote Access Controller
iDRAC9 Enterprise

Performance
SV-2030E-R4/R6S: 465 Mbps / 300 cameras
SV-2040E-R12: 670 Mbps / 300 cameras
SV-2040E-R28: 670 Mbps / 500 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-2030E-R4/R6S:
1x PCIe x8 (LP) and 1x PCIe x16 (FH)
SV-2020E-/R12/R28: Up to 2x LP

Cybersecurity

Endpoint protection
BlackBerry Protect machine learning antivirus

Hardened image
200+ security setting changed by default

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

Storage

Drive type
SV-2030E-R4/R6S: Hot-swap 3.5"
SV-2040E-R12/R28:
Enterprise HDD

OS drive
SV-2030E-R4:
2x 240GB SSD (RAID 1)
SV-2030E-R6S:
2x 480GB SSD (RAID 1)
SV-2040E-R12/R28:
2x 480GB M.2 NVMe (Hot Swappable)

Available drive sizes
4TB, 8TB, 12TB, 16TB, 20TB

RAID controller
SV-2030E-R4: H755 8GB NV cache
SV-2030E-R6S: H355
SV-2040E-R12: H755 8GB NV cache
SV-2040E-R28: H965i 8GB NV cache

Data RAID level
SV-2030E-R4/R6S: RAID 5; RAID 6 or RAID 10 available as options
SV-2040E-R12: RAID 5/6 or RAID 10 available as an option
SV-2040E-R28: RAID 6 or RAID 6 + 1 hot spare, RAID 10 available as an option

Maximum data storage
SV-2040E-R12: 240TB (raw); 218,3 TB (usable)
SV-2040E-R28: 560TB (raw); 509,3TB (usable)

Warranty and support

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

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-2030E-R4/R6S	1U	Up to 8x 2.5" Up to 4x 3.5"	17.1" x 23.5" (3.5" HHD)/21.5" (2.5" HHD) x 1.7" (434mm x 595.6mm/545mm x 43mm)	30 lbs (13.6 kg)	2x 350W
SV-2040E-R12	2U	12	17.1" x 28.2" x 3.4" (434mm x 716mm x 87mm)	73 lbs (33.1 kg)	2x 1100W
SV-2040E-R28	2U	28	19" x 34.126" x 3.41" (482mm x 855.83mm x 86.8mm)	88.2 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.