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 **500** Mbps total throughput

› up to **2000** readers

› up to **75** ALPR cameras

› up to **288** TB storage

Key features

Turnkey appliance with Genetec™ Security Center pre-installed

Video surveillance-grade SAS storage with RAID 5 or 6 configuration

Machine learning endpoint protection

5-year hardware warranty with next business day on-site service and hard drive retention

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 IoT 2019

Processor
SV-2020E-R4/R6S:
Intel® Xeon® E-2236 3.40GHz
Passmark: 13,805

SV-2020E-R14:
Up to 2x Intel® Xeon® Silver 4210 2.20GHz
Passmark: 14,682

SV-2020E-R18:
Up to 2x Intel® Xeon® Silver 4216 2.10GHz
Passmark: 20,656

Memory
16GB DDR4

Ethernet
SV-2020E-R4/R6S: 2x 1GbE RJ45
SV-2020E-R14/R18: 4x 1GbE RJ45

Peripherals
2x USB 2.0 + 2x USB 3.0

Video output
1x VGA

Performance
SV-2020E-R4/R6S: 300Mbps / 300 cameras
SV-2020E-R14: 500 Mbps / 500 cameras
SV-2020E-R18: 500 Mbps / 500 cameras

Mechanical and environmental

Operating temperature
50°F to 95°F (10°C to 35°C)

Operating humidity
5 - 90% (non-condensing)

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

Expansion
SV-2020E-R4/R6S: 1x PCIe x8
SV-2020E-R14/R18: Up to 2x PCIe x16 full height

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-2020E-R4/R6S: Hot-swap 3.5”
SV-2020E-R14: Hot-swap 3.5”
SV-2020E-R18: 4x internal drives & 14 hot-swap 3.5”

OS drive
SV-2020E-R4/R14/R18:
2x 240GB SSD (RAID 1)
SV-2020E-R6S:
2x 480GB SSD (RAID 1)

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

RAID controller
SV-2020E-R4: H730P 2GB NV cache
SV-2020E-R6S: H330
SV-2020E-R14/R18: H750 8GB NV cache

Data RAID level
SV-2020E-R4/R6S: RAID 5; RAID 6 or RAID 10 available as options
SV-2020E-R14/R18: RAID 6; RAID 5 or RAID 10 available as options

Maximum data storage
288 TB (raw); 233 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-2020E-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-2020E-R14	2U	14	17.1” x 28.2” x 3.4” (434mm x 716mm x 87mm)	73 lbs (33.1 kg)	2x 1100W
SV-2020E-R18	2U	18	17.1” x 28.2” x 3.4” (482mm x 716mm x 87mm)	73 lbs (33.1 kg)	2x 1100W

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