

# 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  
› **2480** Mbps  
total throughput

up to  
› **2000**  
readers

up to  
› **75**  
ALPR cameras

up to  
› **288** 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 Hard Drive and next-business day on-site service

## Benefits



**Design with confidence** – The SV-2000E appliance 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 dynamic 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 2022

Processor

SV-2040E-R4/R6S:  
1x Intel® Xeon® E-2436  
Passmark: 22,775  
SV-2040E-R15:  
1x Intel® Xeon® Silver 4416+ 2.0GHz  
Passmark: 44,140

Memory

32GB DDR5

Ethernet

SV-2040-R4/R6S: 2x 1GbE RJ45  
SV-2040-R15: 2x 1GbE RJ45, 2x 10/25GbE SFP28

Peripherals

1x USB 2.0 + 1x USB 3.0

Video output

1x VGA

Remote Management

iDRAC9 Enterprise

Performance

SV-2040E-R4/R6S: 930 Mbps / 300 cameras  
SV-2040E-R15: 2480 Mbps / 800 cameras

Mechanical and environmental

Operating temperature

50°F to 95°F (10°C to 35°C)

Operating humidity

8 - 80% (non-condensing)

Expansion

SV-2040E-R4/R6S: 2x PCIe LP slots  
SV-2040E-R15: Up to 2x PCIe LP slots

Cybersecurity

Endpoint protection

Arctic Wolf Aurora 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

Enterprise HDD (hot-swappable)

OS drive

SV-2040E-R4/R6S: 2x 480GB SSD  
RAID 1 (hot-swappable)  
SV-2040E-R15: 2x 480GB M.2 NVMe RAID 1 (hot-swappable)

Available drive sizes

12TB, 16TB, 20, 24TB

RAID controller

SV-2040E-R4: H755 8GB NV cache  
SV-2040E-R6S: H355  
SV-2040E-R15: H755 8GB NV cache

Data RAID level

SV-2040E-R6S: RAID 1  
SV-2040E-R4/R15: RAID 5 or 6, RAID 10 available as an option

Maximum data storage

SV-2040E-R4/R6S: 80TB (raw), 59.88TB (usable)  
SV-2040E-R15: 360TB (raw); 311 TB (usable)

Warranty and support

Hardware warranty

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

Security Center support

All general availability, restricted availability, and extended maintenance versions

Models

Model	Form factor	Bays	Dimensions (W x D x H)	Max weight	Power (100-240v)
SV-2040E-R4/R6S	1U	Up to 6x 2.5" Up to 4x 3.5"	19" x 20.43" x 1.685" (482mm x 518.82mm x 42.8mm)	29.17 lbs (13.23 kg)	2x 600W
SV-2040E-R15	2U	15	17.1" x 28.2" x 3.4" (434mm x 716mm x 87mm)	69.58 lbs (31.56 kg)	2x 1100W