

Streamvault SV-7000EX

Scalable storage system directory

Designed for applications combining large amounts of high resolution cameras, users and events, the Streamvault™ SV-7000EX security appliance is a turnkey solution that meets the most demanding needs. With server-side load balancing and scalable centralized storage, your system can scale seamlessly.

Guaranteed performance

up to
> **2,500** Mbps
throughput

up to
> **2,000**
readers

up to
> **75**
ALPR cameras



Key features

Turnkey appliance with Genetec™ Security Center pre-installed

Archive to scalable centralized storage

iDRAC9 Enterprise for local and remote server monitoring

Machine learning endpoint protection

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

Benefits



Reduce your infrastructure footprint – Connect more devices per appliance and reduce the number of units you need to manage your unified security system.



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.



Deploy and expand seamlessly – Combining high performance and SAN storage, the Streamvault SV-7000EX is designed to scale with your needs.

Applications

Transportation

The SV-7000EX delivers a unified system combining video, access control, intrusion and video analytics, so you can secure your entire airport or seaport efficiently.

Gaming

Record high-resolution footage from hundreds of cameras simultaneously and reduce your infrastructure footprint with the SV-7000EX.

Entertainment venues

Record and access high-resolution video instantly and resolve incidents without disrupting ongoing activities with the SV-7000EX.

Technical specifications

OS Windows Server IoT 2025
Processor 2x Intel® Xeon® Silver 4416+ Passmark: 65,576
Memory 64 GB DDR5
Ethernet 2x 1GbE RJ45, 4x 10/25GbE SFP28
Peripherals 1x USB 3.0, 1x USB 2.0
Video output 1x VGA front, 1x VGA rear
Performance SV-7041EX-R6S: Up to 2500Mbps / 1000 cameras

Mechanical and environmental

Input power 100-240v input power
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 Up to 2x LP
Storage
Storage types Storage area network (SAN) Network-attached storage (NAS)
Drive type Enterprise HDD
OS drive 2x 480GB SSD (hot-swappable)
RAID controller SV-7041EX-R6S: H355

Cybersecurity

Endpoint protection Arctic Wolf Aurora 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
Warranty and support
Hardware warranty 5-year warranty with next business day on-site service and Keep Your Hard Drive
Security Center support Current and two previous versions (N-2)

Models

Model	Purpose	Dimensions (W x D x H)	Max weight	Power supply
SV-7041EX-R6S	Directory	18.97" x 26.03" x 1.68" 482 mm x 661.37 mm x 42.8 mm	40.23 lbs (18.25 kg)	Redundant hot-swap 800W PSU