

Streamvault SV-1000E

Turnkey security appliance

The Streamvault™ SV-1000E appliance is a cost-effective rackmount solution designed for mid-sized security systems. It helps you move to a unified security system combining video surveillance, access control, automatic license plate recognition, communications, intrusion and analytics in a single appliance.

Guaranteed performance

up to
> **620 Mbps**
total throughput

up to
> **2000**
readers

up to
> **35**
ALPR cameras

up to
> **48 TB**
storage



SV-1041E-RS2

Key features

Turnkey appliance with Genetec™ Security Center pre-installed

Video enterprise-grade SATA storage with RAID options

iDRAC Basic or Enterprise for local and remote server management

Machine learning endpoint protection

Hardware warranty with Keep Your Hard Drive and next business day on-site service

Benefits



Get up and running faster – The SV-1000E appliance accelerates new system deployment. With Security Center pre-loaded and guaranteed performance, you can move to unified security faster.



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.



Simplified maintenance – The SV-1000E is delivered with built-in tools to monitor system health and simplify updates. It reduces service calls and makes it easy to take full advantage of the latest Security Center capabilities.

Applications

Retail

The SV-1000E lets you unify your video surveillance with point-of-sale systems, and provides a standardized turnkey solution for repeatable deployment across locations.

Education

Combine video surveillance, access control and intercoms in a single device with the SV-1000E. And with Genetec Mobile pre-loaded, you can access your cameras from anywhere.

Corporate security

Monitor entries and exits and review video surveillance videos from the same interface. The SV-1000E is the perfect security appliance for office environments, allowing you to efficiently protect staff, visitors and assets.

Technical specifications

OS

Windows Server IoT 2025

Processor

SV-1041E-T3:
1x Intel® Xeon® Silver E-2436
Passmark: 22,775
SV-1041E-RS2:
1x Intel® Xeon® E-2434
Passmark: 16,187

Memory

SV-1041E-T3: 32 GB DDR5 (2 × 16 GB)
SV-1041E-RS2: 16 GB DDR5 (1 × 16 GB)

Ethernet

SV-1041E-T3 & RS2: 2x 1GbE RJ45

Peripherals

2x USB 2.0; 1x USB 3.0

Video output

1x VGA

Remote management

SV-1041E-T3 & RS2: iDRAC Basic

Performance

Recording throughput: 400 Mbps
Redirection throughput: 200 Mbps
Playback throughput: 20 Mbps

Mechanical and environmental

Operating temperature

50°F to 95°F (10°C to 35°C)

Operating humidity

5 - 90% (non-condensing)

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

Storage

Drive type

3.5" SATA drives (hot-swappable)

OS drive

1x 480GB M.2 SSD

Available drive sizes

8TB, 12TB, 16TB, 20TB, 24TB SATA SSD

RAID controller

SV-1041E-T3: H755 (8GB NV Cache)
SV-1041E-RS2: H355

Data RAID level

SV-1041E-T3: RAID 5
SV-1041E-RS2 JBOD, RAID 1 available as an option.

Maximum data storage

SV-1041E-T3: 48TB (raw); 31,94TB (usable RAID 5)
SV-1041E-RS2: 32TB (raw); 31.94TB (usable JBOD)

Warranty and support

Hardware warranty

3-year warranty with Keep Your Hard 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-1041E-T3	Tower	3	6.88" x 17" x 14.17" (174.8mm x 431.8mm x 359.9mm)	25.74 lbs (11.68 kg)	1x 500W
SV-1041E-RS2	1U Rackmount	2	19" x 19.55" x 1.68" (482mm x 496.8mm x 42.8mm)	20.83 lbs (9.45kg)	1 × 450W

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