

# Streamvault SV-4000E

## Turnkey rackmount security appliance

The Streamvault™ SV-4000E is a rackmount security appliance that delivers enterprise-grade performance and reliability. Its certified hardware configurations and out of the box hardening against cyber threats simplifies the design and deployment of a new security system. With Security Center pre-loaded, you can deploy it in the field immediately and get your system up and running faster.

### Guaranteed performance

up to  
> **2,220 Mbps**  
total throughput

up to  
> **2,000**  
readers

up to  
> **75**  
ALPR cameras

up to  
> **416 TB**  
storage



### Key features

Turnkey appliance with Genetec™ Security Center pre-installed

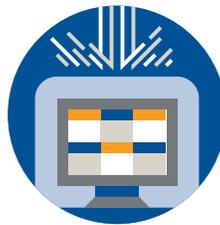
NL-SAS storage with RAID 6 configuration

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

## Benefits



**Increase system resilience** – The SV-4000E's SAS storage protects your system against data loss and provides a more fluid experience.



**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** – Shorten deployment time and simplify planning with Security Center pre-installed and ready to go.

## Applications

### Critical infrastructure

Deploy a unified security system with video surveillance, automatic license plate recognition and communications to provide your team with a complete view of events.

### Transportation

The SV-4000E appliance scales seamlessly with your needs and delivers advanced security capabilities, such as video analytics, interactive maps and more.

### Education

Protect students and staff across your campus and unify video surveillance, access control, intercoms

## Technical specifications

### OS

Windows Server IoT 2019

### Processor

SV-4011E-R4:

1x Intel® Xeon® Silver 4210 2.10 GHz

SV-4011E-T8:

1x Intel® Xeon® E-2236 2.10 GHz

SV-4011E-R14/R18/R26:

Up to 2x Intel® Xeon® Silver 4216 2.10 GHz

### Memory

SV-4011E-R4/T8: 16 GB

SV-4011E-R14/R18/R26: Up to 32 GB DDR4

### Ethernet

SV-4011E-R4/T8: 2x 1Gb NIC

SV-4011E-R14/R18/R26: 4x 1Gb NIC

(Optional dual 10 Gb adapter available)

### Processor Passmark™

SV-4011E-R4: 14,682

SV-4011E-T8: 13,805

SV-4011E-R14/R18/R26: 20,656

### Video output

1x VGA

### Performance

SV-4011E-R4: 465 Mbps / 300 cameras

SV-4011E-T8: 670 Mbps / 500 cameras

SV-4011E-R14: Up to 1760

Mbps / 700 cameras

SV-4011E-R18/R26: Up to 2220 Mbps / 850

cameras

## Mechanical and environmental

### Power supply

SV-4011E-R4: 2x 550W

SV-4011E-T8: 2x 495W

SV-4011E-R14/R18/R26: 2x 1100W

### Input power

100-240v input power

### 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-4011E-R4: 0x PCIe slots

SV-4011E-T8: Up to 4x PCIe slots

SV-4011E-R14/R18: Up to 2x PCIe x16 full height

SV-4011E-R26: Up to 1x PCIe x16 low profile

## Storage

### Drive type

SV-4011E-R4/R14/R26: Hot-swap 3.5" 12G NL-SAS drives

SV-4011E(x)-R18: 4x internal drives & 14 hot-swap 3.5" NL-SAS drives

### OS drive

2x 240 GB SSD (RAID 1)

### Available drive sizes

8 TB, 12 TB, 16 TB

### RAID controller

SV-4011E-R4: 2GB NV cache

SV-4011E-T8: 2GB NV cache

SV-4011E-R14/R18: 8GB NV cache

### Data RAID level

SV-4011E-R4: RAID5

SV-4011E-T8/R14/R18/R26: RAID6; RAID5 or RAID10 available as an option

### Maximum data storage

416 TB (raw); 320 TB (usable)

## Warranty

### Hardware

5-year warranty with next business day on-site service and Keep your own Hard Drive

## Models

Model	Form factor	Bays	Dimensions (W x D x H)	Max weight	Peripherals	Power
SV-4010E/EX-R4	1U	4	19.0" x 26.7" x 1.7" (482mm x 728mm x 43mm)	30.4 lbs (13.8 kg)	2x USB 2.0 2x USB 3.0	550W
SV-4011E/EX-T8	Tower	8	8.6" x 22" x 17" (218 mm x 559mm x 430 mm)	57.3 lb (26 kg)	5x USB 2.0 3x USB 3.0	495W
SV-4011E/EX-R14	2U	14	17.1" x 28.2" x 3.4" (434 mm x 716 mm x 87 mm)	73 lb (33.1 kg)	2x USB 2.0 2x USB 3.0	1100W
SV-4011E/EX-R18	2U	18	17.1" x 28.2" x 3.4" (434 mm x 646 mm x 87 cm)	73 lb (33.1 kg)	2x USB 2.0 2x USB 3.0	1100W
SV-4011E/EX-R26	2U	26	17.1" x 28.2" x 3.4" (434 mm x 646 mm x 87 mm)	73 lbs (33.1 kg)	2x USB 2.0 2x USB 3.0	1100W

EX models include 2 processors, 32GB of RAM and dual 10 Gb network adapter.



### Genetec Inc.

genetec.com/locations

info@genetec.com

@genetec

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