



Security infrastructure catalog



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All-in-one Appliances

All-in-one appliances

300E Series

The Streamvault™ 300E Series all-in-one security appliance helps you move to unified system combining video surveillance and access control for operations needing more than 16 cameras and readers. It combines all the performance and capabilities needed to secure a small site in a single device, simplifying both installation and maintenance.

Key Specs

- Up to 32 cameras and 100 readers (local viewing)
- Up to 100 cameras and 100 readers (recording only)
- Windows 11 Enterprise LTSC
- 3-year hardware warranty

SV-300E

Hardware platform	Dell OptiPlex SFF	Form factor	1-Bay Small Form Factor
OS drive	1x 256 GB SSD	Storage	SATA
Processor	1x Intel Core i5	Memory	16 GB (2x 8GB DDR4 UDIMM Non-ECC 3200 MT/s)
Display outputs	3x DisplayPort	Total Memory Slots	4x (2x populated by default)
NIC	1x 1GBE RJ45	Power Supply	1x 300W (max 1229 BTU/hr)
Max performance (unicast)	64 Mbps / 32 cameras (local viewing) 200 Mbps / 100 cameras (recording only)	Free Expansion slots	2 LP

Product Matrix

Software/Hardware Bundle Part Number	Drives	Raw Storage	Usable Storage	Hardware Only Part Number
SV-300E-2T-I5	(1) 2 TB	2 TB	1.96 TB	SV-300E-2T-I5-ARC
SV-300E-8T-I5	(1) 8 TB	8 TB	7.84 TB	SV-300E-8T-I5-ARC
SV-300E-16T-I5	(1) 16 TB	16 TB	15.68 TB	SV-300E-16T-I5-ARC

SV-300E-T4

Hardware platform	Dell Precision Tower	Form factor	3-Bay Mid Tower
OS drive	1x 256 GB SSD	Storage	SATA
Processor	1x Intel Core i5	Memory	16 GB (2x 8GB DDR5 UDIMM Non-ECC 4800 MT/s)
Display outputs	2x DisplayPort	Total Memory Slots	4x (2x populated by default)
NIC	1x 1GBE RJ45	Power Supply	1x 500W (max 1705 BTU/hr)
Max performance (unicast)	64 Mbps / 32 cameras (local viewing) 200 Mbps / 100 cameras (recording only)	Free Expansion slots	2 FH

Product Matrix

Software/Hardware Bundle Part Number	Drives	Raw Storage	Usable Storage	Hardware Only Part Number
SV-300E-T4-24T-12-I5	(2) 12 TB	24 TB	23.52 TB	SV-300E-T4-24T-12-I5-ARC
SV-300E-T4-36T-12-I5	(3) 12 TB	36 TB	35.28 TB	SV-300E-T4-36T-12-I5-ARC
SV-300E-T4-48T-16-I5	(3) 16 TB	48 TB	46.94 TB	SV-300E-T4-48T-16-I5-ARC
SV-300E-T4-60T-20-I5	(3) 20 TB	60 TB	58.80 TB	SV-300E-T4-60T-20-I5-ARC

Options

Below is a list of options available for Streamvault all-in-one appliances.

Accessories & warranties

Accessories

Part number	Compatible with	Description	Type
SV-300E-ACC-PCORD-NA	300E/300E-T4	North American power cord	Power
SV-300E-ACC-PCORD-AU	300E/300E-T4	Australian power cord	Power
SV-300E-ACC-PCORD-EU	300E/300E-T4	European power cord	Power
SV-300E-ACC-PCORD-UK	300E/300E-T4	UK power cord	Power
SV-300E-FRU-4TB-HDD	300E	4TB replacement hard drive	Storage
SV-300E-FRU-8TB-HDD	300E	8TB replacement hard drive	Storage
SV-300E-FRU-12TB-HDD	300E	12TB replacement hard drive	Storage
SV-300E-FRU-16TB-HDD	300E	16TB replacement hard drive	Storage
SV-300E-FRU-20TB-HDD	300E	20TB replacement hard drive	Storage
SV-300E-T4-FRU-4TB-SATA	300E-T4	4TB replacement hard drive	Storage
SV-300E-T4-FRU-8TB-SATA	300E-T4	8TB replacement hard drive	Storage
SV-300E-T4-FRU-12TB-SATA	300E-T4	12TB replacement hard drive	Storage
SV-300E-T4-FRU-16TB-SATA	300E-T4	16TB replacement hard drive	Storage
SV-300E-T4-FRU-20TB-SATA	300E-T4	20TB replacement hard drive	Storage
SV-E-ACC-1G-RJ45-S-LP	300E	Network Adapter- Gigabit Ethernet for use with SV-300E SFF models	Networking
SV-E-ACC-1G-RJ45-S-FH	300E-T4	Network Adapter- Gigabit Ethernet for use with SV-300E-T4 models	Networking
SV-E-ACC-8GB-3200-UNECC	300E	Streamvault Server (E) Accessory - 8GB RAM	RAM
SV-E-ACC-8GB-4800-UNECC	300E-T4	Streamvault Server (E) Accessory - 8GB DDR5 RAM	RAM
SV-ACC-RKMT-SHELF*	100E, 300E	Rackmount Shelf Kit for any Micro/SFF/MT/Tower Chassis. Will work with any SV-100's, 300's, 500's, 1000E's, 2000E's E & non-E Streamvault units. (24inch Light Duty Server Rack Shelf)	Mounting

**Not Available in APAC markets ; SKU's with -ACC- are for system integration, to quote a field upgrade or cold spare, use the -FRU- SKU*

Rackmount appliances

1000E Series
2000E Series
4000E Series
7000E Series

Rackmount appliances

1000E Series

The Streamvault™ 1000E Series is a budget-friendly rackmount appliance tailored for mid-sized, non-mission critical deployments. They help you move to a unified security platform combining video surveillance, access control, ALPR, communications, and analytics in a single appliance.

Key Specs

- Up to 620 Mbps throughput
- Up to 48 TB Enterprise SATA storage
- Windows Server Standard 2022 LTSC
- iDRAC for local and remote server management
- 3-year hardware warranty with Keep Your Drive with next-business day on-site service.

Models	Drive count	Archiver-only	Archiver & Directory
1000E Series			
SV-1040E-RS2	1-2 (JBOD)	400 Mbps / 200 cameras	200 Mbps / 100 cameras
SV-1040E-T3	3 (RAID 5)	400 Mbps / 200 cameras	200 Mbps / 100 cameras

Storage appliances

Rackmount Models

SV-1040E-RS2

Hardware platform	Dell PowerEdge R260 OEMR	Form factor	1U
OS drive	1x 480GB M.2 SSD	Storage	SATA
Processor	(1) Xeon E-2434	Memory	16 GB (1x 16 GB DDR5 UDIMM ECC 5600 MT/s)
Display outputs	VGA	Total Memory Slots	4x (1x populated by default)
NIC	(2) 1GbE RJ45	Power Supply	1x 450W (max 1725 BTU/hr)
RAID configuration	JBOD (No RAID) RAID 0, 1 available as options for 2x drive configs	Max performance (unicast)	620 Mbps / 200 cameras (Recording: 400 Mbps; Playback: 20 Mbps; Redirection: 200 Mbps)
iDRAC	iDRAC Basic	Free Expansion slots	1 LP

* Performance varies based on roles, number of recording drives and other parameters. Please consult the Performance section for more information.
Recording: saving video footage to the archiver Playback: viewing archived video footage. Redirection: Rerouting video streams to workstation for live viewing.

SV-1040E-RS2

Part Number	Drives	Raw Storage	Usable Storage
SV-1040E-RS2-8T-8-434	(1) 8 TB	8 TB	7.84 TB
SV-1040E-RS2-16T-16-434	(1) 16 TB	16 TB	15.68 TB
SV-1040E-RS2-32T-16-434	(2) 16 TB	32 TB	31.36 TB

SV-1040E-T3

Hardware platform	Dell PowerEdge T160 OEMR	Form factor	Mini Tower
OS drive	1x 480GB M.2 SSD	Storage	SATA
Processor	(1) Xeon E-2436	Memory	32 GB (2x 16GB DDR5 UDIMM ECC 5600 MT/s)
Display outputs	VGA	Total Memory Slots	4x (1x populated by default)
NIC	(2) 1GbE RJ45	Power Supply	1x 450W (max 1725 BTU/hr)
RAID configuration	RAID5	Max performance (unicast)	620 Mbps / 200 cameras (Recording: 400 Mbps; Playback: 20 Mbps; Redirection: 200 Mbps)
iDRAC	iDRAC Basic	Free Expansion slots	1 FH

* Performance varies based on roles, number of recording drives and other parameters. Please consult the Performance section for more information. Recording: saving video footage to the archiver Playback: viewing archived video footage. Redirection: Rerouting video streams to workstation for live viewing.

SV-1040E-T3

Part Number	Drives	Raw Storage	Usable Storage
SV-1040E-T3-24T-8-436	(3) 8 TB	24 TB	15.68 TB
SV-1040E-T3-48T-16-436	(3) 16 TB	48 TB	31.36 TB

2000E Series

The Streamvault™ 2000E Series is a rackmount security appliance 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. Designed for mission critical deployments, these appliances provide greater performance and storage options without sacrificing your budget.

Key Specs

- Up to 2480 Mbps throughput
- Up to 288TB storage
- Windows Server Standard 2022 LTSC
- iDRAC for local and remote server management
- 5-year hardware warranty with Keep Your Drive with next-business day on-site service.¹

Models	Drive count	Archiver-only	Archiver & Directory
2000E Series			
SV-2040E-R4	3-4 (RAID 5)	600 Mbps / 300 cameras	300 Mbps / 150 cameras
SV-2000E-R12	6	1000 Mbps / 500 cameras	500 Mbps / 250 cameras
	8	1200 Mbps / 600 cameras	600 Mbps / 300 cameras
	10	1400 Mbps / 700 cameras	700 Mbps / 350 cameras
	12	1600 Mbps / 800 cameras	800 Mbps / 400 cameras

Multipurpose appliances

SV-2040E-R6S

Hardware platform	Dell PowerEdge R360	Form factor	1U
OS drive	(2) 480GB (RAID 1)	Storage	-
Processor	(1) Xeon E-2436	Memory	32 GB (2x 16GB DDR5 UDIMM ECC 4800 MT/s)
NIC	(2) 1GbE RJ45	Total Memory Slots	4x (2x populated by default)
Free Expansion slots	2 LP	Power Supply	(2) 600W (max 2047 BTU/hr)
		iDRAC	iDRAC9 Enterprise
Part number	Raw storage	Usable storage	
SV-2040E-R6S-D480-436	960 GB	480 GB	

Storage appliances

1U Models

SV-2040E-R4

Hardware platform	Dell PowerEdge R360	Form factor	1U
OS drive	2x 480 GB M.2 NVMe SSD (RAID1, hot swappable)	Storage	Enterprise HDD
Processor	Xeon E-2436	Memory	32 GB (2x 16GB DDR5 RDIMM ECC 4800 MT/s)
Display Outputs	VGA	Total Memory Slots	4x (2x populated by default)
NIC	(2) 1GbE RJ45	Power Supply	2x 600W (max 2047 BTU/hr)
RAID configuration	RAID 5 RAID 6, RAID 10 available as an option		
Max performance* (unicast)	930 Mbps / 300 cameras (Recording: 600 Mbps; Playback: 30 Mbps; Redirection: 300 Mbps)		
iDRAC	iDRAC Enterprise	Free Expansion Slots	2x LP

* Performance varies based on roles, number of recording drives and other parameters. Please consult the Performance section for more information. Recording: saving video footage to the archiver Playback: viewing archived video footage. Redirection: Rerouting video streams to workstation for live viewing. Not valid for 3 drive configurations which only support 250Mbps.
 **Requires 1x SV-E-ACC-SRV-SFP28-D-LP

Part number	Drives	Raw storage	Usable storage
SV-2040E-R4-36T-12-436	(3) 12 TB	36 TB	23.52 TB
SV-2040E-R4-48T-12-436	(4) 12 TB	48 TB	35.28 TB
SV-2040E-R4-64T-16-436	(4) 16 TB	64 TB	47.04 TB

Storage appliances

2U Models

SV-2040E-R12

Hardware platform	Dell PowerEdge R760xs	Form factor	2U
OS drive	2x 480 GB M.2 NVMe SSD (RAID1, hot swappable)	Storage	Enterprise HDD
Processor	Xeon Silver 4514Y	Memory	32 GB (2x 16GB DDR5 RDIMM ECC 4800 MT/s)
Display Outputs	VGA	Total Memory Slots	8x (2x populated by default)
NIC	(2) 1GbE RJ45 (2) 10/25GbE SFP28	Power Supply	2x 1100W (max 4100 BTU/hr)
RAID configuration	RAID 5 (3 to 8 drives) RAID 6 (9+ drives) RAID10 available as an option	Max performance 10/25GbE* (unicast)	2480 Mbps / 800 cameras (Recording: 1600 Mbps; Playback: 80 Mbps; Redirection: 800 Mbps)
Max performance 1GbE* (unicast)	930 Mbps / 300 cameras (Recording: 600 Mbps; Playback: 30 Mbps; Redirection: 300 Mbps)	Free Expansion Slots	2x LP
iDRAC	iDRAC Enterprise		

* Performance varies based on roles, number of recording drives and other parameters. Please consult the Performance section for more information. **Recording:** saving video footage to the archiver **Playback:** viewing archived video footage. **Redirection:** Rerouting video streams to workstation for live viewing.

Part number	Drives	Raw storage	Usable storage
SV-2040E-R12-72T-12-514	(6) 12 TB	72 TB	58.80 TB
SV-2040E-R12-96T-12-514	(8) 12 TB	96 TB	82.32 TB
SV-2040E-R12-120T-12-514	(10) 12 TB	120 TB	94.08 TB
SV-2040E-R12-160T-16-514	(10) 16 TB	160 TB	125.44 TB
SV-2040E-R12-240T-20-514	(12) 20 TB	240 TB	196.00 TB
SV-2040E-R12-288T-24-514	(12) 24 TB	288 TB	235.20 TB

Rackmount appliances

4000E Series

The Streamvault™ 4000E Series 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.

Key Specs

- Up to 4,135 Mbps throughput
- Up to 672 TB storage
- Windows Server Standard 2022 LTSC
- Redundant power supplies
- iDRAC for local and remote server management
- 5-year hardware warranty with Keep Your Drive with next-business day on-site service.

Models	Drive count	Archiver-only	Archiver & Directory
4000E Series			
SV-4000EX	20	1830 Mbps / 915 cameras	915 Mbps / 455 cameras
	23	1930 Mbps / 965 cameras	965 Mbps / 480 cameras
	24	1960 Mbps / 980 cameras	980 Mbps / 490 cameras
	26	2030 Mbps / 1015 cameras	1015 Mbps / 500 cameras
	28	2700 Mbps / 1050 cameras	1300 Mbps / 525 cameras

Multipurpose appliances

SV-4040EX-R6S

Hardware platform	Dell PowerEdge R660xs OEMR	Form factor	1U
OS drive	2x 480GB M.2 NVMe SSD (RAID1, hot swappable)	Storage	-
Processor	2x Xeon Silver 4410Y	Memory	64 GB (4x 16GB DDR5 RDIMM ECC 4800 MT/s)
Display Outputs	VGA	Total Memory Slots	16x (2x per CPU populated by default)
NIC	(2) 1GbE RJ45 (2) 10/25GbE SFP28	Power Supply	2x 800W (max 3000 BTU/hr)
iDRAC	iDRAC9 Enterprise	Free Expansion Slots	2 LP

Part number	Raw Storage	Usable Storage
SV-4040EX-R6S-D480-410	960 GB	480 GB

Storage appliances

2U Models

SV-4040EX-R28

Hardware platform	Dell PowerEdge R760xd2 OEMR	Form factor	2U
OS drive	2x 480 GB M.2 NVMe SSD (RAID1, hot swappable)	Storage	Enterprise NLSAS
Processor	2x Xeon Gold 5416S	Memory	64 GB (4x 16GB DDR5 RDIMM ECC 4800 MT/s)
Display Outputs	VGA	Total Memory Slots	16x (2x per CPU populated by default)
NIC	2x 1GbE RJ45, 2x 10/25GbE SFP28	Power Supply	2x 1400W (max 5250 BTU/hr)
RAID configuration	Less than 27 drives: RAID 6 + Hot spare 28 drives: RAID 60 RAID10 available as an option		
Max performance* (unicast), 10/25GbE Connection, RAID 6	3,255 Mbps / 1050 cameras (Recording: 2100 Mbps; Playback: 105 Mbps; Redirection: 1050 Mbps)	Max performance* (unicast), 10/25GbE Connection, RAID 60	4,135 Mbps / 1050 cameras (Recording: 2700 Mbps; Playback: 135 Mbps; Redirection: 1300 Mbps)
iDRAC	iDRAC Enterprise	Free Expansion Slots	2x LP

* Performance varies based on roles, number of recording drives and other parameters. Please consult the Performance section for more information. Recording: saving video footage to the archiver Playback: viewing archived video footage. Redirection: Rerouting video streams to workstation for live viewing.

Part number	Drives	Raw storage	Usable storage
SV-4040EX-R28-320T-16-416	(20) 16 TB	320 TB	266.56 TB
SV-4040EX-R28-368T-16-416	(23) 16 TB	368 TB	313.60 TB
SV-4040EX-R28-416T-16-416	(26) 16 TB	416 TB	360.64 TB
SV-4040EX-R28-480T-20-416	(24) 20 TB	480 TB	411.60 TB
SV-4040EX-R28-560T-20-416	(28) 20TB	560 TB	490.00 TB
SV-4040EX-R28-672T-24-416	(28) 24TB	672 TB	588.00 TB

Rackmount appliances

7000E Series

Designed for applications combining large amounts of high-resolution cameras, users and events, the Streamvault 7000E Series security appliance is a turnkey solution that meets the most demanding needs. With server-side load balancing and expandable centralized storage, your system can scale seamlessly while you reduce your infrastructure footprint. Expect zero downtime during expansion because of its superior resiliency.

Key Specs

- Up to 2,500 Mbps throughput
- Windows Server Standard 2022 LTSC
- Redundant power supplies
- iDRAC for local and remote server management
- 5-year hardware warranty with Keep Your Drive with next-business day on-site service.

Models	Drive count	Archiver-only	Archiver & Directory
7000E Series			
SV-7040EX	N/A	2,000 Mbps / 1,000 cameras	N/A

Multipurpose appliances

Hardware platform	Dell PowerEdge R660xs	Form Factor	1U
OS drive	2x 480GB 2.5" SSD (RAID)	Storage	SATA SSD
Processor	2x Xeon Silver 4416+	Memory	64 GB (4x 16GB DDR5 RDIMM ECC 4800 MT/s)
Display Outputs	VGA	Total Memory Slots	16x (2x per CPU populated by default)
NIC	2x 1GbE RJ45 4x 10/25GbE SFP28	Power Supply	2x 800W (max 3000 BTU/hr)
iDRAC	iDRAC9 Enterprise	Expansion Slots	2x LP
		Max performance* (unicast)	2,500 Mbps / 1,000 cameras (Recordings: 2000 Mbps; Playback: 100 Mbps; Redirection: 400 Mbps)

* Performance varies based on roles, number of recording drives and other parameters. Please consult the Performance section for more information.

SV-7040EX-R6S

Part number	Raw Storage	Usable Storage	CPU	Memory
SV-7040EX-R6S-D480-416	960 GB	480 GB	Dual	64 GB

Options

Below is a list of options available for Streamvault rackmount appliances. Please note that only part numbers labeled “ACC-E” are compatible with Streamvault E line products (any Streamvault product built on the Dell hardware platform).

Hardware upgrades

RAM upgrades

Part number	Compatible with	Description
Streamvault		
SV-E-ACC-SRV-16GB-5600-RECC	Please Refer to the Ordering Guide for the full list	16GB DDR5 RDIMM ECC RAM Upgrade for Xeon Scalable/W Processors
SV-E-ACC-SRV-16GB-5600-UECC	Please Refer to the Ordering Guide for the full list	16GB DDR5 UDIMM ECC RAM Upgrade for Xeon E Series Processors

SKU's with -ACC- are for system integration, to quote a field upgrade or cold spare, use the -FRU- SKU

Storage upgrades

Part number	Compatible with	Description
Streamvault		
SV-E-ACC-SRV-4TB-SATA	All SV-1000E appliances	3.5” 4TB Enterprise SATA HDD
SV-E-ACC-SRV-8TB-SATA	All SV-1000E appliances	3.5” 8TB Enterprise SATA HDD
SV-E-ACC-SRV-12TB-SATA	All SV-1000E appliances	3.5” 12TB Enterprise SATA HDD
SV-E-ACC-SRV-16TB-SATA	All SV-1000E appliances	3.5” 16TB Enterprise SATA HDD
SV-E-ACC-SRV-20TB-SATA	All SV-1000E appliances	3.5” 20TB Enterprise SATA HDD
SV-E-ACC-SRV-4TB-SAS	All SV-2000E and SV-4000EX Series appliances	3.5” 4TB Enterprise Dual Port SAS HDD
SV-E-ACC-SRV-8TB-SAS	All SV-2000E and SV-4000EX Series appliances	3.5” 8TB Enterprise Dual Port SAS HDD
SV-E-ACC-SRV-12TB-SAS	All SV-2000E and SV-4000EX Series appliances	3.5” 12TB Enterprise Dual Port SAS HDD
SV-E-ACC-SRV-16TB-SAS	All SV-2000E and SV-4000EX Series appliances	3.5” 16TB Enterprise Dual Port SAS HDD
SV-E-ACC-SRV-20TB-SAS	All SV-2000E and SV-4000EX Series appliances	3.5” 20TB Enterprise Dual Port SAS HDD

SKU's with -ACC- are for system integration, to quote a field upgrade or cold spare, use the -FRU- SKU

Networking

Part number	PCIe Compatibility	Description
Streamvault		
SV-E-ACC-SRV-1G-RJ45-D-LP	1x PCIe x4, Low Profile	1GbE RJ45 Dual Port Ethernet Adapter
SV-E-ACC-SRV-10G-RJ45-D-LP	1x PCIe x4, Low Profile	10GbE RJ45 Dual Port Ethernet Adapter
SV-E-ACC-SRV-SFP+-D-LP	1x PCIe x8, Low Profile	10Gbe SFP+ Dual Port Ethernet Adapter
SV-E-ACC-SRV-SFP28-D-LP	1x PCIe x8, Low Profile	10/25Gbe SFP28 Dual Port Ethernet Adapter
SV-E-ACC-SFP+-SR	SFP+/SFP28 Ports	10GbE SFP+ SR multi mode transceiver for all SFP+/SFP28 ports

SKU's with -ACC- are for system integration, to quote a field upgrade or cold spare, use the -FRU- SKU

License upgrades

IDRAC upgrade

Part number	Compatible with	Description
Streamvault		
SV-E-ACC-SRV-IDRAC-ENT-16G	Appliances that come with iDRAC Basic/Express	IDRAC Enterprise License 16G Servers

Accessories

Power cords

Part number	Compatible with	Description
Streamvault		
SV-ACC-PCORD-UK	All rackmount appliances	UK power cord
SV-ACC-PCORD-NA	All rackmount appliances	North American power cord
SV-ACC-PCORD-EU	All rackmount appliances	European power cord

*All power cords must be added when shipping to the respective country

Mounting

Part number	Compatible with	Description
Streamvault		
SV-ACC-RKMT-SHELF**	Please Refer to the Ordering Guide for the full list	Rackmount Shelf Kit for any Micro/SFF/MT/Tower Chassis. Will work with any SV-100's, 300's, 500's, 1000E's, 2000's E & non-E Streamvault units. (24inch Light Duty Server Rack Shelf) Will hold up to 100lbs.

Workstations

100E Series
300E Series
500E Series

Workstations

100E Series workstation

The Streamvault 100 Series workstation is a compact device optimized for the needs of security operator desks managing access control along with limited video viewing. It delivers smooth playback of up to 16 HD streams.

Key Specs

- Up to 2 monitors
- Up to 16 HD streams
- Windows 11 IoT
- 5-year hardware warranty with Keep Your Drive

SVW-100E

Hardware platform	Dell OptiPlex Micro	Memory	16 GB
OS drive	1x 512GB M.2 SSD	Storage	N/A
Processor	1x i7-14700T or better	NIC	1x 1GbE RJ45
Power Supply	1x 90W External (max 222 BTU/hr)	Form factor	Micro

Part number	Graphics	Display connections	Max Capacity
SVW-106E-M1-EMB-I7	Intel UHD770 Embedded	1x DisplayPort, 1x HDMI	25

***Please see Workstation performance table more capacity info*

300E Series workstation

The Streamvault 300 Series workstations are compact devices optimized for the need of security operator desks. They deliver smooth playback for multiple HD streams for small to medium-sized system monitoring.

Key Specs

- Up to 4 monitors
- Up to 72 Full HD streams
- Windows 11 IoT
- 5-year hardware warranty with Keep Your Drive

SVW-306E-SF1

Hardware platform	Dell Precision 3460 SFF	Memory	32GB (2x 16GB DDR5 SO-DIMM Non-ECC 5600 MT/s)
OS drive	1x 1TB SSD	Total Memory Slots	2x DDR5 (2x populated by default)
Processor	Intel Core i7-14700	Storage	N/A
Power Supply	300W	NIC	1x 1GbE RJ45
		Form factor	Small Form Factor

Part number	Graphics card	Display connections	Max capacity
SVW-306E-SF1-S1000-I7	1x NVIDIA Quadro T1000	4x Mini-DisplayPort*	72**

***Please see Workstation performance table more capacity info*

SVW-306E-T3

Hardware platform	Dell Precision Tower 3680	Memory	32 GB (2x 16GB DDR5 UDIMM Non-ECC 5600 MT/s)
OS drive	1x 1TB SSD	Total Memory Slots	4x DDR5 (2x populated by default)
Processor	Intel Core i7-14700k	Storage	N/A
Power Supply	1x 1000W PSU	NIC	1x 1GbE RJ45
		Form factor	Mid Tower

Part number	Graphics card	Display connections	Max capacity
SVW-306E-T3-S2000-I7	1x NVIDIA Quadro RTX 2000 Ada	4x Mini-DisplayPort	96**

***Please see Workstation performance table more capacity info*

500E Series workstation

The Streamvault 500E Series workstation are powerful desktop or rackmount devices that are suited to the need of security operation centers. Designed to deliver smooth playback and very high-resolution video on 4K monitors and video walls, our workstations leverage Security Center GPU-accelerated decoding.

Key Specs

- Up to 8 monitors
- Windows 11 IoT
- 5-year hardware warranty with Keep Your Drive

SVW-505E-T4

Hardware platform	Dell Precision 5860	Memory	32 GB (2x 16GB DDR5 RDIMM ECC 4800 MT/s)
Processor	1x Xeon W-2465X	Total Memory Slots	8x (2x populated by default)
OS drive	1x 512GB SSD	Storage	N/A
Power Supply	1x 1350W (Max 4607 BTU/hr)	NIC	1x 1GbE RJ45, 1x 10GbE RJ45
		Form factor	Tower

Part number	Graphics card	Display connections	Max capacity
SVW-505E-T4-D4000-465	2x NVIDIA RTX 4000 Ada	8x DisplayPort 1.4	136**

**Please see Workstation performance table more capacity info

Options

Accessories			
Part number	Compatible with	Description	Type
SVW-E-ACC-T4-RKMT	SVW-505E-T4	Streamvault™ (E) Accessory - Rackmount Kit – Compatible with SVW-505E-T4	Mounting
SV-ACC-RKMT-SHELF		Rackmount Shelf Kit for any Micro/SFF/MT/Tower Chassis. Will work with any Streamvault tower unit (24inch Light Duty Server Rack Shelf). Will hold up to 100lbs.	Mounting

Analytics

Rackmount archiver max capacity

This section describes the achievable recording throughput in unicast mode across the different Streamvault models. Final performance depends on the number of drives in the appliance, as well as project-specific parameters, such as throughput per camera, live playback and more. For detailed performance projections, please contact your Genetec sales representative.



Live Playback:
Viewing archived video footage.



Redirection:
Rerouting video streams to workstation for live viewing.
(Applicable for Live (UDP) Video Redirection with no Encryption)

Models	Drive count	Archiver-only		
		Recordings	Redirection	Playback
1000E Series				
SV-1040E-RS2-8T-8-434	1	400 Mbps / 200 cameras	200 Mbps	20 Mbps
SV-1040E-RS2-16T-16-434	1	400 Mbps / 200 cameras	200 Mbps	20 Mbps
SV-1040E-RS2-32T-16-434	2	400 Mbps / 200 cameras	200 Mbps	20 Mbps
SV-1040E-T3-24T-8-436	3	400 Mbps / 200 cameras	200 Mbps	20 Mbps
SV-1040E-T3-48T-16-436	3	400 Mbps / 200 cameras	200 Mbps	20 Mbps
2000E Series				
SV-2040E-R4-36T-12-436	3	600 Mbps / 300 cameras	300 Mbps	30 Mbps
SV-2040E-R4-48T-12-436	4	600 Mbps / 300 cameras	300 Mbps	30 Mbps
SV-2040E-R4-64T-16-436	4	600 Mbps / 300 cameras	300 Mbps	30 Mbps
SV-2040E-R12-72T-12-514	6	1000 Mbps / 500 cameras	500 Mbps	50 Mbps
SV-2040E-R12-96T-12-514	8	1200 Mbps / 600 cameras	600 Mbps	60 Mbps
SV-2040E-R12-120T-12-514	10	1400 Mbps / 700 cameras	700 Mbps	70 Mbps
SV-2040E-R12-160T-16-514	10	1400 Mbps / 700 cameras	700 Mbps	70 Mbps
SV-2040E-R12-240T-20-514	12	1600 Mbps / 800 cameras	800 Mbps	80 Mbps
SV-2040E-R12-288T-24-514	12	1600 Mbps / 800 cameras	800 Mbps	80 Mbps

Models	Drive count	Archiver-only		
		Recordings	Redirection	Playback
4000E Series				
SV-4040EX-R28-320T-16-416	20	1830 Mbps / 915 cameras	915 Mbps	91 Mbps
SV-4040EX-R28-368T-16-416	23	1930 Mbps / 965 cameras	965 Mbps	96 Mbps
SV-4040EX-R28-416T-16-416	26	2030 Mbps / 1015 cameras	1015 Mbps	101 Mbps
SV-4040EX-R28-480T-20-416	24	1960 Mbps / 980 cameras	980 Mbps	98 Mbps
SV-4040EX-R28-560T-20-416	28	2700 Mbps / 1050 cameras	1300 Mbps	135 Mbps
SV-4040EX-R28-672T-24-416	28	2700 Mbps / 1050 cameras	1300 Mbps	135 Mbps
7000EX Series				
SV-7040EX	N/A	2,000 Mbps / 1,000 cameras	400 Mbps	100 Mbps

*Please view results on the Streamvault calculator for more in-depth detail

Archiver & Directory <u>OR</u> Archiver & Cloud Storage				
Models	Drive count	Recordings	Redirection	Playback
1000E Series				
SV-1040E-RS2-8T-8-434	1	200 Mbps / 100 cameras	100 Mbps	10 Mbps
SV-1040E-RS2-16T-16-434	1	200 Mbps / 100 cameras	100 Mbps	10 Mbps
SV-1040E-RS2-32T-16-434	2	200 Mbps / 100 cameras	100 Mbps	10 Mbps
SV-1040E-T3-24T-8-436	3	200 Mbps / 100 cameras	100 Mbps	10 Mbps
SV-1040E-T3-48T-16-436	3	200 Mbps / 100 cameras	100 Mbps	10 Mbps
2000E Series				
SV-2040E-R4-36T-12-436	3	300 Mbps / 150 cameras	150 Mbps	15 Mbps
SV-2040E-R4-48T-12-436	4	300 Mbps / 150 cameras	150 Mbps	15 Mbps
SV-2040E-R4-64T-16-436	4	300 Mbps / 150 cameras	150 Mbps	15 Mbps
SV-2040E-R12-72T-12-514	6	500 Mbps / 250 cameras	250 Mbps	25 Mbps
SV-2040E-R12-96T-12-514	8	600 Mbps / 300 cameras	300 Mbps	30 Mbps
SV-2040E-R12-120T-12-514	10	700 Mbps / 350 cameras	350 Mbps	35 Mbps
SV-2040E-R12-160T-16-514	10	700 Mbps / 350 cameras	350 Mbps	35 Mbps
SV-2040E-R12-240T-20-514	12	800 Mbps / 400 cameras	400 Mbps	40 Mbps
SV-2040E-R12-288T-24-514	12	800 Mbps / 400 cameras	400 Mbps	40 Mbps
4000E Series				
SV-4040EX-R28-320T-16-416	20	915 Mbps / 455 cameras	457 Mbps	45 Mbps
SV-4040EX-R28-368T-16-416	23	965 Mbps / 482 cameras	482 Mbps	48 Mbps
SV-4040EX-R28-416T-16-416	26	1015 Mbps / 500 cameras	507 Mbps	50 Mbps
SV-4040EX-R28-480T-20-416	24	980 Mbps / 490 cameras	490 Mbps	49 Mbps
SV-4040EX-R28-560T-20-416	28	1350 Mbps / 525 cameras	650 Mbps	65 Mbps
SV-4040EX-R28-672T-24-416	28	1350 Mbps / 525 cameras	650 Mbps	65 Mbps
7000E Series				
SV-7040EX	N/A	2,000 Mbps / 1,000 cameras	400 Mbps	100 Mbps

Workstation appliances max capacity



	HEVC 30 FPS			H.264 30 FPS		
	HD Streams (720p 30 fps)	Full HD (1080p 30 fps)	4K (2160p 30 fps)	HD Streams (720p 30 fps)	Full HD (1080p 30 fps)	4K (2160p 30 fps)
100E Series						
SVW-106E-M1-EMB-I7	25	16	6	25	20	5
300E Series						
SVW-306E-SF1-S1000-I7	32	24	8	32	24	6
SVW-306E-T3-S2000-I7	52	42	15	49	27	7
500E Series						
SVW-505E-T4-D4000-465	86	76	39	81	69	16

**Performance results based on 1x 1080p display for the SVW-106E-M1, and 2x 4K displays for all SVW-300E and SVW-500E series*



	HEVC 15 FPS			H.264 15 FPS		
	HD Streams (720p 15 fps)	Full HD (1080p 15 fps)	4K (2160p 15 fps)	HD Streams (720p 15 fps)	Full HD (1080p 15 fps)	4K (2160p 15 fps)
100E Series						
SVW-106E-M1-EMB-I7	49	30	12	56	36	10
300E Series						
SVW-306E-SF1-S1000-I7	72	52	18	72	46	12
SVW-306E-T3-S2000-I7	96	78	30	96	54	13
500E Series						
SVW-505E-T4-D4000-465	136	129	57	134	123	37

**Performance results based on 1x 1080p display for the SVW-106E-M1, and 2x 4K displays for all SVW-300E and SVW-500E series*