



Security infrastructure catalog



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All-in-one appliances

100E Series

300E Series

All-in-one appliances

100E Series

The Streamvault™ 100E Series combines server and workstation in a small appliance designed to help you secure remote sites quickly and easily. Centralize video surveillance and access control, and perform local monitoring and recording. With the Security Center unified platform pre-loaded, it can be deployed as a standalone or as part of a larger, multi-site system.

Key Specs

- Up to 16 cameras and 16 readers (local viewing)
- Up to 25 cameras and 50 readers (recording only)
- Windows 10 Enterprise LTSC
- 3-year hardware warranty with Genetec Assurance and 1-year advance replacement

Hardware platform	Dell OptiPlex Micro	Form factor	Micro
OS drive	1x 256 GB SSD	Storage	SATA
Processor	(1) i3-10100T	Memory	8 GB
Display outputs	1x DisplayPort 1x HDMI	Power Supply	1x 65W External (max 222 BTU/hr)
NIC	(1) 1GBE RJ45	Free Expansion slots	No available slots
Max capacity	32 Mbps / 16 cameras (local viewing) 100 Mbps / 25 cameras (recording only)		

Directory and archiver models

Part number	Drives	Raw Storage	Usable Storage
SV-100E-1T-I3	(1) 1TB	1 TB	0.9 TB
SV-100E-2T-I3	(1) 2TB	2 TB	1.8 TB

Archiver-only models

Part number	Drives	Raw Storage	Usable Storage
SV-100E-1T-I3-ARC	(1) 1TB	1 TB	0.9 TB
SV-100E-2T-I3-ARC	(1) 2TB	2 TB	1.8 TB

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. 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)
- Up to 32 analog cameras with optional analog encoder card
- Windows 10 Enterprise LTSC
- 3-year hardware warranty with Genetec Assurance and 1-year advance replacement

Hardware platform	SFF: Dell OptiPlex T4: Dell Precision 3650 XE	Form factor	SV-300E: 1-Bay Small Form Factor SV-300E-T4: 3-Bay Mid Tower
OS drive	1x 256 GB SSD	Storage	SATA
Processor	(1) i5-10500	Memory	16 GB
Display outputs	1x DisplayPort 1x HDMI	Power Supply	SFF: 1x 200W (max 683 BTU/hr) T4: 1x 460W (max 1570 BTU/hr)
NIC	(1) 1GBE RJ45	Free Expansion slots	SV-300E: 2 LP SV-300E-T4: 3 FH
Max capacity	64 Mbps / 32 cameras (local viewing) 200 Mbps / 100 cameras (recording only)		

Directory and archiver models

Part number	Drives	Raw Storage	Usable Storage
SV-300E-2T-I5	(1) 2 TB	2 TB	1.8 TB
SV-300E-4T-I5	(1) 4 TB	4 TB	3.6 TB
SV-300E-8T-I5	(1) 8 TB	8 TB	7.2 TB
SV-300E-12T-I5	(1) 12 TB	12 TB	10.9 TB
SV-300E-16T-I5	(1) 16 TB	116 TB	14.5 TB
SV-300E-T4-4T-4-I5	(1) 4 TB	4 TB	3.6 TB
SV-300E-T4-8T-8-I5	(1) 8 TB	8 TB	7.2 TB

Part number	Drives	Raw Storage	Usable Storage
SV-300E-T4-12T-12-I5	(1) 12 TB	12 TB	10.9 TB
SV-300E-T4-16T-16-I5	(1) 16 TB	16 TB	14.5 TB
SV-300E-T4-24T-12-I5	(2) 12 TB	24 TB	21.8 TB
SV-300E-T4-36T-12-I5	(3) 12 TB	36 TB	32.7 TB
SV-300E-T4-48T-16-I5	(3) 16 TB	48 TB	43.6 TB

Archiver-only models

Part number	Drives	Raw Storage	Usable Storage
SV-300E-2T-I5-ARC	(1) 2 TB	2 TB	1.8 TB
SV-300E-4T-I5-ARC	(1) 4 TB	4 TB	3.6 TB
SV-300E-8T-I5-ARC	(1) 8 TB	8 TB	7.2 TB
SV-300E-12T-I5-ARC	(1) 8 TB	12 TB	10.9 TB
SV-300E-16T-I5-ARC	(1) 8 TB	16 TB	14.5 TB
SV-300E-T4-4T-4-I5-ARC	(1) 4 TB	4 TB	3.6 TB
SV-300E-T4-8T-8-I5-ARC	(1) 8 TB	8 TB	7.2 TB
SV-300E-T4-12T-12-I5-ARC	(1) 12 TB	12 TB	10.9 TB
SV-300E-T4-16T-16-I5-ARC	(1) 16 TB	16 TB	14.5 TB
SV-300E-T4-24T-12-I5-ARC	(2) 12 TB	24 TB	21.8 TB
SV-300E-T4-36T-12-I5-ARC	(3) 12 TB	36 TB	32.7 TB
SV-300E-T4-48T-16-I5-ARC	(3) 16 TB	48 TB	43.6 TB

All-in-One Appliances

1U Models

Hardware platform	Precision 3930 XL	Form factor	Rackmount
OS drive	1x 256 GB SSD	Storage	SATA
Processor	(1) E-2224G	Memory	16 GB
Display outputs	2x USB-C	Power Supply	(2) 550W (max 1039 BTU/hr)
NIC	(1) 1GBE RJ45 (1) 10GbE RJ45	Free expansion slots	3 FH
Max capacity	200Mbps / 100 cameras (Recording: 200 Mbps; Playback: 10Mbps; Redirection: 25Mbps)		

Directory and archiver models

Part number	Drives	Raw Storage	Usable Storage
SV-300E-R2-2T-2-224G	(1) 2 TB	2 TB	1.8 TB
SV-300E-R2-4T-4-224G	(1) 4 TB	4 TB	3.6 TB
SV-300E-R2-8T-8-224G	(1) 8 TB	8 TB	7.2 TB
SV-300E-R2-12T-12-224G	(1) 12 TB	12 TB	10.9 TB
SV-300E-R2-16T-16-224G	(1) 16 TB	16 TB	14.5 TB
SV-300E-R2-24T-12-224G	(2) 12 TB	24 TB	21.8 TB
SV-300E-R2-32T-16-224G	(2) 16 TB	32 TB	29.1 TB

Archiver-only models

Part number	Drives	Raw Storage	Usable Storage
SV-300E-R2-2T-2-224G-ARC	(1) 2 TB	2 TB	1.8 TB
SV-300E-R2-4T-4-224G-ARC	(1) 4 TB	4 TB	3.6 TB
SV-300E-R2-8T-8-224G-ARC	(1) 8 TB	8 TB	7.2 TB
SV-300E-R2-12T-12-224G-ARC	(1) 12 TB	12 TB	10.9 TB
SV-300E-R2-16T-16-224G-ARC	(1) 16 TB	16 TB	14.5 TB
SV-300E-R2-24T-12-224G-ARC	(2) 12 TB	24 TB	21.8 TB
SV-300E-R2-32T-16-224G-ARC	(2) 16 TB	32 TB	29.1 TB

350E Series

The Streamvault™ 350E Series all-in-one security appliance helps you move to unified system combining video surveillance and access control. With support for RAID 5 you can get the benefits of the all-in-one security appliance with extra protection on the archive drives.

Key Specs

- Up to 50 cameras and 100 readers (local viewing)
- Up to 100 cameras and 100 readers (recording-only)
- Windows 10 Enterprise LTSC
- 3-year hardware warranty with Genetec Assurance and 1-year advance replacement

Hardware platform	Dell PowerEdge T140 OEMR	Form factor	3-Bay Tower
OS drive	1x 240 GB SSD	Storage	SATA
Processor	1x Xeon E-2226G	Memory	16 GB
Display outputs	1x VGA	Power Supply	1x 365W (max 989 BTU/hr)
NIC	(2) 1GBE RJ45	iDRAC	iDRAC9 Basic
RAID configuration	Raid 5		
Max capacity	100 Mbps / 50 cameras (local viewing) 200 Mbps / 100 cameras (recording only)		

Directory and archiver models

Part number	Drives	Raw Storage	Usable Storage	Archiver Version
SV-350E-TR3-12T-4-226G	(3) 4 TB	12 TB	7 TB	SV-350E-TR3-12T-4-226G-ARC
SV-350E-TR3-24T-8-226G	(3) 8 TB	24 TB	14 TB	SV-350E-TR3-24T-8-226G-ARC
SV-350E-TR3-36T-12-226G	(3) 12 TB	36 TB	21 TB	SV-350E-TR3-36T-12-226G-ARC
SV-350E-TR3-48T-16-226G	(3) 16 TB	48 TB	29 TB	SV-350E-TR3-48T-16-226G-ARC

All-in-one appliances

Options

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

Accessories & warranties

Accessories

Part number	Compatible with	Description	Type
SV-100E-ACC-PCORD-NA SV-300E-ACC-PCORD-NA	100E, 300E	North American power cord	Power
SV-100E-ACC-PCORD-AU SV-300E-ACC-PCORD-AU	100E, 300E	Australian power cord	Power
SV-100E-ACC-PCORD-EU SV-300E-ACC-PCORD-EU	100E, 300E	European power cord	Power
SV-100E-ACC-PCORD-UK SV-300E-ACC-PCORD-UK	100E, 300E	UK power cord	Power
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-16GB-3200-UNECC	300E	Streamvault Server (E) Accessory - 16GB RAM	RAM
SV-E-ACC-SRV-8GB-3200-UECC	SV-350E-TR3	Streamvault Server (E) Accessory - 8GB	RAM
SV-100E-ACC-VESA-MOUNT	100E	SV-100E - VESA Mounting Bracket	Mounting
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) Will hold up to 100lbs for Americas and META, 250lbs (113kg) for APAC.	Mounting
SV-300E-ACC-RM-SF-EUROPE**	100E, SV-300E-SFF	3U tray for SV-300E SFF and SV-100E	Mounting
SV-300E-ACC-RM-T3-EUROPE**	300E-T3	5U tray for SV-300E-T3	Mounting
SV-100E-ACC-WTY-2YR	100E	Hardware warranty upgrade – 2 additional years (total of 5 years)	Warranty
SV-300E-ACC-WTY-2YR	300E Only	Hardware warranty upgrade – 2 additional years (total of 5 years)	Warranty
SV-300E-T4-ACC-WTY-2YR	300E-T4	Hardware warranty upgrade – 2 additional years (total of 5 years)	Warranty
SV-350E-TR3-ACC-WTY-2YR	350E-TR3	Hardware warranty upgrade – 2 additional years (total of 5 years)	Warranty

** Available in North America Only*

***Available in Europe Only*

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

Rackmount appliances

Performance

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 570 Mbps throughput
- Up to 2000 readers
- Up to 96 TB Enterprise SATA storage
- Windows Server Essentials 2019 LTSC
- iDRAC Basic
- 3-year hardware warranty with Keep Your Drive and Genetec Assurance with next-business day on-site service.¹

Models	Drive count	Archiver-only	Archiver & Directory
1000E Series			
SV-1000E	3 to 6 (RAID5)	300 Mbps / 200 cameras	300 Mbps / 200 cameras

Multipurpose appliances

SV-1020E-R3-D480-244G

Hardware platform	Dell PowerEdge R240 XL	Form factor	1U
OS drive	(2) 480GB (RAID1)	Storage	-
Processor	(1) Xeon E-2244G	Memory	16 GB
NIC	(2) 1GbE RJ45	Power Supply	1x 450W (max 1725 BTU/hr)
Free Expansion slots	1 LP	iDRAC	iDRAC9 Basic

Part number	Raw storage	Usable storage
SV-1020E-R3-D480-244G	960 GB	450GB

Storage appliances

1U Models

SV-1020E-R3

Hardware platform	Dell PowerEdge R240 XL	Form factor	1U
OS drive	1x 480 GB SSD	Storage	SATA
Processor	(1) Xeon E-2244G	Memory	16 GB
Display outputs	VGA	Power Supply	1x 450W (max 1725 BTU/hr)
NIC	(2) 1GbE RJ45	Max capacity	200Mbps / 100 cameras (Recording: 200 Mbps; Playback: 10Mbps; Redirection: 25Mbps)
RAID configuration	RAID 5	Free Expansion slots	1 LP
iDRAC	iDRAC Basic		

* 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-1020E-R3-244G

Part Number	Drives	Raw Storage	Usable Storage
SV-1020E-R3-12T-4-244G	(3) 4 TB	12 TB	7.3 TB
SV-1020E-R3-24T-8-244G	(3) 8TB	24 TB	14.6 TB
SV-1020E-R3-36T-12-244G	(3) 12 TB	36 TB	21.8 TB
SV-1020E-R3-48T-16-244G	(3) 16 TB	48 TB	29.1 TB

Storage appliances

2U Models

SV-1020E-R6

Hardware platform	Dell PowerEdge R540	Form factor	2U
OS drive	(2) 480GB SSD (RAID1)	Storage	SATA
Processor	(1) Xeon 4208	Memory	16 GB
Display outputs	1x VGA	Power Supply	2x 495W (max 1908 BTU/hr)
NIC	(2) 1GbE RJ45	Max capacity*	300Mbps / 200 cameras (Recording: 300 Mbps; Playback: 15Mbps; Redirection: 150Mbps)
RAID configuration	RAID5	Free Expansion slots	1x FH and 3x LP
iDRAC	iDRAC9 Basic		

* 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.

Part Number	Drives	Raw Storage	Usable Storage
SV-1020E-R6-12T-4-208	(3) 4 TB	12 TB	7.2 TB
SV-1020E-R6-16T-4-208	(4) 4 TB	16 TB	10 TB
SV-1020E-R6-20T-4-208	(5) 4 TB	20 TB	14 TB
SV-1020E-R6-24T-8-208	(3) 8 TB	24 TB	14 TB
SV-1020E-R6-32T-8-208	(4) 8 TB	32 TB	21 TB
SV-1020E-R6-40T-8-208	(5) 8 TB	40 TB	29 TB
SV-1020E-R6-48T-8-208	(6) 8 TB	48 TB	36 TB
SV-1020E-R6-36T-12-208	(3) 12 TB	36 TB	21 TB
SV-1020E-R6-48T-12-208	(4) 12 TB	48 TB	32 TB
SV-1020E-R6-60T-12-208	(5) 12 TB	60 TB	43 TB
SV-1020E-R6-72T-12-208	(6) 12 TB	72 TB	54 TB
SV-1020E-R6-80T-16-208	(5) 16 TB	80 TB	58 TB

Part Number	Drives	Raw Storage	Usable Storage
SV-1020E-R6-96T-16-208	(6) 16 TB	96 TB	72 TB

Rackmount appliances

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 500 Mbps throughput
- Up to 2,000 readers
- Up to 288 TB NLSAS storage
- Windows Server Standard 2019 LTSC
- iDRAC Express
- 5-year hardware warranty with Keep Your Drive and Genetec Assurance with next-business day on-site service.²

Models	Drive count	Archiver-only	Archiver & Directory
2000E Series			
SV-2000E	4 to 7	300 Mbps / 300 cameras	200 Mbps / 200 cameras
	8 to 18	500 Mbps / 500 cameras	400 Mbps / 200 cameras

Multipurpose appliances

SV-2020E-R6S-D480-236

Hardware platform	Dell PowerEdge R340 OEMR XL	Form factor	1U
OS drive	(2) 480GB (RAID1)	Storage	-
Processor	(1) Xeon E-2236	Memory	16 GB
NIC	(2) 1GbE RJ45	Power Supply	(2) 350W (max 1340 BTU/hr)
Free Expansion slots	1 FH & 1 LP	Idrac	IDRAC9 Express

Part number	Raw storage	Usable storage
SV-2020E-R6S-D480-236	960 GB	450GB

Storage appliances

1U Models

SV-2020E-R4

Hardware platform	Dell PowerEdge R340 OEMR XL	Form factor	1U
OS drive	2x 240 GB SSD (RAID 1)	Storage	NLSAS
Processor	Xeon E-2236	Memory	16 GB
Display outputs	1x VGA	Power Supply	2x 350W (max 1340 BTU/hr)
NIC	(2) 1GbE RJ45	Free Expansion slots	1 FH
Max capacity	300 Mbps / 300 cameras (Recording: 300 Mbps; Playback: 15 Mbps; Redirection: 150 Mbps)	iDRAC	iDRAC9 Express
RAID configuration	RAID5		

* 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.

Part number	Drives	Raw storage	Usable storage
SV-2020E-R4-12T-4-236	(3) 4 TB	12 TB	7.2 TB
SV-2020E-R4-16T-4-236	(4) 4 TB	16 TB	10 TB
SV-2020E-R4-24T-8-236	(3) 8 TB	24 TB	14 TB
SV-2020E-R4-32T-8-236	(4) 8 TB	32 TB	21 TB
SV-2020E-R4-36T-12-236	(3) 12 TB	36 TB	21 TB
SV-2020E-R4-48T-12-236	(4) 12 TB	48 TB	32 TB
SV-2020E-R4-48T-16-236	(3) 16 TB	48 TB	29 TB
SV-2020E-R4-64T-16-236	(4) 16 TB	64 TB	43 TB

Storage appliances

2U Models

SV-2020E-R14

Hardware platform	Dell PowerEdge R740xd OEMR	Form factor	2U
OS drive	2x 240 GB SSD (RAID1)	Storage	NLSAS
Processor	Xeon Silver 4210	Memory	16 GB
Display Outputs	VGA	Power Supply	2x 1100W (max 4100 BTU/hr)
NIC	(4) 1GbE RJ45	Max capacity*	500 Mbps / 500 cameras (Recording: 500 Mbps; Playback: 20 Mbps; Redirection: 150 Mbps)
RAID configuration	NLSAS RAID5 (3 to 8 drives) NLSAS RAID6 (9+ drives) RAID10 available as an option	Free Expansion Slots	1 FH
iDRAC	iDRAC Express		

* 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.

Part number	Drives	Raw storage	Usable storage
SV-2020E-R14-12T-4-210	(3) 4 TB	12 TB	7.2 TB
SV-2020E-R14-16T-4-210	(4) 4 TB	16 TB	10 TB
SV-2020E-R14-20T-4-210	(5) 4 TB	20 TB	14.6 TB
SV-2020E-R14-56T-4-210	(14) 4 TB	56 TB	47.3 TB
SV-2020E-R14-24T-8-210	(3) 8 TB	24 TB	14.6 TB
SV-2020E-R14-32T-8-210	(4) 8 TB	32 TB	21 TB
SV-2020E-R14-40T-8-210	(5) 8 TB	40 TB	29 TB
SV-2020E-R14-48T-8-210	(6) 8 TB	48 TB	36.4 TB
SV-2020E-R14-56T-8-210	(7) 8 TB	56 TB	43.7 TB
SV-2020E-R14-112T-8-210	(14) 8 TB	112 TB	94.6 TB
SV-2020E-R14-60T-12-210	(5) 12 TB	60 TB	43.7 TB
SV-2020E-R14-72T-12-210	(6) 12 TB	72 TB	54.6 TB
SV-2020E-R14-84T-12-210	(7) 12 TB	84 TB	65.5 TB
SV-2020E-R14-96T-12-210	(8) 12 TB	96 TB	76.4 TB
SV-2020E-R14-108T-12-210	(9) 12 TB	108 TB	76.4 TB
SV-2020E-R14-120T-12-210	(10) 12 TB	120 TB	87.3 TB
SV-2020E-R14-132T-12-210	(11) 12 TB	132 TB	98.2 TB
SV-2020E-R14-144T-12-210	(12) 12 TB	144 TB	109.1 TB
SV-2020E-R14-156T-12-210	(13) 12 TB	156 TB	120.1 TB
SV-2020E-R14-168T-12-210	(14) 12 TB	168 TB	131 TB

Part number	Drives	Raw storage	Usable storage
SV-2020E-R14-192T-16-210	(12) 16 TB	192 TB	145.5 TB
SV-2020E-R14-208T-16-210	(13) 16 TB	208 TB	160 TB
SV-2020E-R14-224T-16-210	(14) 16 TB	224 TB	174.6 TB

SV-2020E-R18

Hardware platform	Dell PowerEdge R740xd OEMR	Form factor	2U
OS drive	2x 240 GB SSD (RAID1)	Storage	NLSAS
Processor	Xeon Silver 4216	Memory	16 GB
Display Outputs	VGA	Power Supply	2x 1100W (max 4100 BTU/hr)
NIC	(4) 1GbE RJ45	Max capacity*	500 Mbps / 500 cameras (Recording: 500 Mbps; Playback: 20 Mbps; Redirection: 150 Mbps)
RAID configuration	NLSAS RAID6 RAID10 available as an option	Free Expansion Slots	2 FH
iDRAC	iDRAC9 Express		

* 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-2020E-R18-72T-4-216	(18) 4 TB	72 TB	58.2 TB
SV-2020E-R18-80T-8-216	(10) 8 TB	80 TB	58.2 TB
SV-2020E-R18-144T-8-216	(18) 8 TB	144 TB	116.4 TB
SV-2020E-R18-120T-12-216	(10) 12 TB	120 TB	87.3 TB
SV-2020E-R18-132T-12-216	(11) 12 TB	132 TB	98.2 TB
SV-2020E-R18-144T-12-216	(12) 12 TB	144 TB	109 TB
SV-2020E-R18-156T-12-216	(13) 12 TB	156 TB	120 TB
SV-2020E-R18-168T-12-216	(14) 12 TB	168 TB	131 TB
SV-2020E-R18-180T-12-216	(15) 12 TB	180 TB	142 TB
SV-2020E-R18-192T-12-216	(16) 12 TB	192 TB	153 TB
SV-2020E-R18-204T-12-216	(17) 12 TB	204 TB	163.7 TB
SV-2020E-R18-216T-12-216	(17) 12 TB	216 TB	174.6 TB
SV-2020E-R18-240T-16-216	(15) 16 TB	240 TB	189.2 TB
SV-2020E-R18-256T-16-216	(16) 16 TB	256 TB	203.7 TB
SV-2020E-R18-272T-16-216	(17) 16 TB	272 TB	218.3 TB
SV-2020E-R18-288T-16-216	(18) 16 TB	288 TB	232.8 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 2,220 Mbps throughput
- Up to 2,000 readers
- Up to 416 TB NLSAS storage
- Windows Server Standard 2019 LTSC
- Redundant power supplies
- iDRAC Enterprise
- 5-year hardware warranty with Keep Your Drive and Genetec Assurance with next-business day on-site service.³

Models	Drive count	Archiver-only	Archiver & Directory
4000E Series			
SV-4000EX	4 to 7	400 Mbps / 400 cameras	400 Mbps / 200 cameras
	8 to 11	500 Mbps / 500 cameras	400 Mbps / 200 cameras
	12 to 17	1,300 Mbps / 700 cameras	1,000 Mbps / 200 cameras
	18 to 26	1,350 Mbps / 850 cameras	1,000 Mbps / 200 cameras

Multipurpose appliances

Hardware platform	Dell PowerEdge R640 OEMR	Form factor	1U
OS drive	2x 240 GB SSD (RAID1)	Storage	-
Processor	2x Xeon Silver 4210	Memory	32 GB
Display Outputs	VGA	Power Supply	2x 750W (max 2891 BTU/hr)
NIC	(2) 1GbE RJ45 (2) 10GbE SFP+	Free Expansion Slots	2 LP
iDRAC	iDRAC9 Enterprise		

Part number	Raw Storage	Usable Storage	CPU	Memory
SV-4020EX-R6S-D480-210	960 GB	450 GB	Dual	32 GB

Please note that longer lead time will apply to this product (4-5 weeks).

Storage appliances

1U Models

SV-4020EX-R4

Hardware platform	Dell PowerEdge R640 OEMR	Form factor	1U
OS drive	2x 240 GB SSD (RAID1)	Storage	NLSAS
Processor	2x Xeon Silver 4210	Memory	32 GB
Display Outputs	VGA	Power Supply	2x 750W (max 2891 BTU/hr)
NIC	(2) 1GbE RJ45 (2) 10GbE SFP+	Max capacity*	300 Mbps / 300 cameras (Recording: 300 Mbps; Playback: 15 Mbps; Redirection: 150 Mbps)
RAID configuration	NLSAS RAID5 (3 to 8 drives) RAID6 and RAID10 available as an option	Free Expansion Slots	1 LP
iDRAC	iDRAC9 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. Not valid for 3 drive configurations which only support 250Mbps.

Part number	Drives	Raw storage	Usable storage
SV-4020EX-R4-24T-8-210	(3) 8 TB	24 TB	14 TB
SV-4020EX-R4-32T-8-210	(4) 8 TB	32 TB	21 TB
SV-4020EX-R4-36T-12-210	(3) 12 TB	36 TB	21 TB
SV-4020EX-R4-48T-12-210	(4) 12 TB	48 TB	32 TB
SV-4020EX-R4-48T-16-210	(3) 16 TB	48 TB	29 TB
SV-4020EX-R4-64T-16-210	(4) 16 TB	64 TB	43 TB

Please note that longer lead time will apply to this product (4-5 weeks).

Storage appliances

2U Models

SV-4020EX-R14

Hardware platform	Dell PowerEdge R740xd OEMR	Form factor	2U
OS drive	2x 240 GB SSD (RAID1)	Storage	NLSAS
Processor	2x Xeon Silver 4210	Memory	32 GB
Display Outputs	VGA	Power Supply	2x 1100W (max 4100 BTU/hr)
NIC	(4) 1GbE RJ45 (2) 10GbE SFP+	Max capacity*	1,300 Mbps / 700 cameras (Recording: 1,300 Mbps; Playback: 60 Mbps; Redirection: 400 Mbps)
RAID configuration	NLSAS RAID5 (3 to 8 drives) NLSAS RAID6 (9+ drives) RAID10 available as an option	Free Expansion Slots	1 FH
iDRAC	iDRAC9 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. Not valid for 3 drive configurations which only support 250Mbps.

Part number	Drives	Raw storage	Usable storage
SV-4020EX-R14-12T-4-210	(3) 4 TB	12 TB	7.2 TB
SV-4020EX-R14-16T-4-210	(4) 4 TB	16 TB	10 TB
SV-4020EX-R14-20T-4-210	(5) 4 TB	20 TB	14.6 TB
SV-4020EX-R14-56T-4-210	(14) 4 TB	56 TB	47.3 TB
SV-4020EX-R14-24T-8-210	(3) 8 TB	24 TB	14.6 TB
SV-4020EX-R14-32T-8-210	(4) 8 TB	32 TB	21 TB
SV-4020EX-R14-40T-8-210	(5) 8 TB	40 TB	29 TB
SV-4020EX-R14-48T-8-210	(6) 8 TB	48 TB	36.4 TB
SV-4020EX-R14-56T-8-210	(7) 8 TB	56 TB	43.7 TB
SV-4020EX-R14-112T-8-210	(14) 8 TB	112 TB	94.6 TB
SV-4020EX-R14-60T-12-210	(5) 12 TB	60 TB	43.7 TB
SV-4020EX-R14-72T-12-210	(6) 12 TB	72 TB	54.6 TB
SV-4020EX-R14-84T-12-210	(7) 12 TB	84 TB	65.5 TB
SV-4020EX-R14-96T-12-210	(8) 12 TB	96 TB	76.4 TB
SV-4020EX-R14-108T-12-210	(9) 12 TB	108 TB	76.4 TB
SV-4020EX-R14-120T-12-210	(10) 12 TB	120 TB	87.3 TB
SV-4020EX-R14-132T-12-210	(11) 12 TB	132 TB	98.2 TB
SV-4020EX-R14-144T-14-210	(12) 12 TB	144 TB	109.1 TB
SV-4020EX-R14-156T-14-210	(13) 12 TB	156 TB	120.1 TB
SV-4020EX-R14-168T-14-210	(14) 12 TB	168 TB	131 TB
SV-4020EX-R14-192T-16-210	(12) 16 TB	192 TB	145.5 TB
SV-4020EX-R14-208T-16-210	(13) 16 TB	208 TB	160 TB
SV-4020EX-R14-224T-16-210	(14) 16 TB	224 TB	174.6 TB

SV-4020EX-R18

Hardware platform	Dell PowerEdge R740xd OEMR	Form factor	2U
OS drive	2x 240 GB SSD (RAID1)	Storage	NLSAS
Processor	(2) Xeon Silver 4216	Memory	32 GB
Display Outputs	VGA	Power Supply	2x 1100W (max 4100 BTU/hr)
NIC	(4) 1GbE RJ45 (2) 10GbE SFP+	Max capacity*	1,350 Mbps / 850 cameras (Recording: 1,350 Mbps; Playback: 70 Mbps; Redirection: 800 Mbps)
RAID configuration	NLSAS RAID6 RAID10 available as an option	Free Expansion Slots	1 FH
iDRAC	iDRAC9 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-4020EX-R18-72T-4-216	(18) 4 TB	72 TB	58.2 TB
SV-4020EX-R18-80T-8-216	(10) 8 TB	80 TB	58.2 TB
SV-4020EX-R18-144T-8-216	(18) 8 TB	144 TB	116.4 TB
SV-4020EX-R18-120T-12-216	(10) 12 TB	120 TB	87.3 TB
SV-4020EX-R18-132T-12-216	(11) 12 TB	132 TB	98.2 TB
SV-4020EX-R18-144T-12-216	(12) 12 TB	144 TB	109 TB
SV-4020EX-R18-156T-12-216	(13) 12 TB	156 TB	120 TB
SV-4020EX-R18-168T-12-216	(14) 12 TB	168 TB	131 TB
SV-4020EX-R18-180T-12-216	(15) 12 TB	180 TB	142 TB
SV-4020EX-R18-192T-12-216	(16) 12 TB	192 TB	153 TB
SV-4020EX-R18-204T-12-216	(17) 12 TB	204 TB	163.7 TB
SV-4020EX-R18-216T-12-216	(18) 12 TB	216 TB	174.6 TB
SV-4020EX-R18-240T-16-216	(15) 16 TB	240 TB	189.2 TB
SV-4020EX-R18-256T-16-216	(16) 16 TB	256 TB	203.7 TB
SV-4020EX-R18-272T-16-216	(17) 16 TB	272 TB	218.3 TB
SV-4020EX-R18-288T-16-216	(18) 16 TB	288 TB	232.8 TB

SV-4020EX-R26

Hardware platform	Dell PowerEdge R740xd2 OEMR	Form factor	2U
OS drive	2x 240 GB SSD (RAID1)	Storage	NLSAS
Processor	(2) Xeon Silver 4216	Memory	32 GB
Display Outputs	VGA	Power Supply	2x 1100W (max 4100 BTU/hr)
NIC	(2) 1GbE RJ45 (2) 10GbE SFP+	Max capacity*	1,350 Mbps / 850 cameras (Recording: 1,350 Mbps; Playback: 70 Mbps; Redirection: 800 Mbps)
RAID configuration	NLSAS RAID6 + 1 Hot Spare RAID10 available as an option	Free Expansion Slots	1 LP
iDRAC	iDRAC9 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 (E)	Drives	Raw storage	Usable storage
SV-4020EX-R26-160T-8-216	(20) 8 TB	160 TB	123.7 TB
SV-4020EX-R26-208T-8-216	(26) 8 TB	208 TB	167.3 TB
SV-4020EX-R26-240T-12-216	(20) 12 TB	240 TB	185.5 TB
SV-4020EX-R26-312T-12-216	(26) 12 TB	312 TB	251 TB
SV-4020EX-R26-320T-16-216	(20) 16 TB	320 TB	247.4 TB
SV-4020EX-R26-416T-16-216	(26) 16 TB	416 TB	334.7 TB

Please note that longer lead time will apply to this product (4-5 weeks).

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 SAN 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 2,100 Mbps throughput
- Up to 2,000 readers
- External SAN storage
- Windows Server Standard 2019 LTSC
- Redundant power supplies
- 5-year hardware warranty with Keep Your Drive and Genetec Assurance with next-business day on-site service.⁴

Models	Drive count	Archiver-only	Archiver & Directory
7000E Series			
SV-7020EX	N/A	2,000 Mbps / 1,000 cameras	N/A

Multipurpose appliances

SV-7020EX-R6S

Hardware platform	Dell PowerEdge R640 OEMR	Form Factor	1U
OS drive	2x 480 GB SSD (RAID1)	Storage	SATA SSD
Processor	2x Xeon Silver 4216	Memory	32 GB
Display Outputs	VGA	Power Supply	2x 750W (max 2891 BTU/hr)
NIC	(2) 1GbE RJ45 (4) 10GbE SFP+	Max capacity*	2,000 Mbps / 1,000 cameras (Recordings: 2000 Mbps; Playback: 100 Mbps; Redirection: 400 Mbps)
iDRAC	iDRAC9 Enterprise		

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

Part number	Raw Storage	Usable Storage	CPU	Memory
SV-7020EX-R6S-D480-210	960 GB	450 GB	Dual	32 GB

Please note that longer lead time will apply to this product (4-5 weeks).

SAN headend controller

SVS-7010E-R84-HE

Storage	NLSAS RAID6	Install	Onsite install with Dell ProDeploy
Interface	2x 8GB Controller with ISCSI 4x 1G/10G SFP+	Max capacity*	2,100 Mbps / 1,100 cameras (Recordings: 2000 Mbps; Playback: 100 Mbps)

*Performance number valid for fully populated configuration. Partially populated configurations will have proportionally less performance.

Part number	Storage drives	Raw storage	Usable storage	Number of bays
SVS-7010E-R84-HE-504T-12	(42) 12 TB	504 TB	392.68 TB	84
SVS-7010E-R84-HE-1008T-12	(84) 12 TB	1008 TB	785.37 TB	84
SVS-7010E-R84-HE-672T-16	(42) 16 TB	672 TB	523.8 TB	84
SVS-7010E-R84-HE-1.3P-16	(84) 16 TB	1344 TB	1047.16	84

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

Please note that longer lead time will apply to this product (4-5 weeks).

SAN expansion unit

SVS-7010E-R84-EX

Storage	NLSAS RAID6	Max capacity	Dependant on headend unit
Interface	Mini SAS to Headend Unit		

*Performance number valid for fully populated configuration. Partially populated configurations will have proportionally less performance.

Part number	Storage drives	Raw storage	Usable storage	Number of bays
SVS-7010E-R84-EX-504T-12	(42) 12 TB	504 TB	392.68 TB	84
SVS-7010E-R84-EX-1008T-12	(84) 12 TB	1008 TB	785.37 TB	84
SVS-7010E-R84-EX-672T-16	(56) 12 TB	672 TB	523.8 TB	84
SVS-7010E-R84-EX-1.3P-16	(84) 16TB	1344	1047.16	84

Please note that longer lead time will apply to this product (4-5 weeks).

Scale Out NAS

SVS-7010E-4R60

Storage	SATA – OneFS Erasure coding	Install	Onsite install with Dell ProDeploy
Interface	4x 1G/10G	Max capacity*	Playbacks are 20% of recording capacity (below)
		Redundancy	All configurations can simultaneously lose 1 node and 2 disks without frame loss

*Performance number valid for fully populated configuration. Partially populated configurations will have proportionally less performance.

Part number	# Nodes	Raw storage	Usable storage	Recording Bandwidth (Virtualized)	Recording Bandwidth (Bare Metal / NFS)
SVS-7010E-4R60-4N-240T-4	4	240 TB	153 TB	900 Mbps	720 Mbps
SVS-7010E-4R60-6N-360T-4	6	360 TB	230 TB	1500 Mbps	1200 Mbps
SVS-7010E-4R60-8N-480T-4	8	480 TB	306 TB	2100 Mbps	1680 Mbps
SVS-7010E-4R60-4N-480T-8	4	480 TB	306 TB	900 Mbps	720 Mbps
SVS-7010E-4R60-6N-720T-8	6	720 TB	460 TB	1500 Mbps	1200 Mbps
SVS-7010E-4R60-8N-960T-8	8	960 TB	612 TB	2100 Mbps	1680 Mbps

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

Please note that longer lead time will apply to this product (4-5 weeks).

SVS-7010E-4R80

Storage	SATA – OneFS Erasure coding	Install	Onsite install with Dell ProDeploy
Interface	4x 1G/10G	Max capacity*	Playbacks are 20% of recording capacity
		Redundancy	All configurations can simultaneously lose 1 node and 2 disks without frame loss

*Performance number valid for fully populated configuration. Partially populated configurations will have proportionally less performance.

Part number	# Nodes	Raw storage	Usable storage	Recording Bandwidth (Virtualized)	Recording Bandwidth (Bare Metal / NFS)
SVS-7010E-4R80-4N-960T-12	4	960 TB	612 TB	1800 Mbps	1440 Mbps
SVS-7010E-4R80-8N-1.9P-12	8	1920 TB	1224 TB	4200 Mbps	3360 Mbps
SVS-7010E-4R80-12N-2.9P-12	12	2880 TB	1836 TB	6600 Mbps	5280 Mbps

SVS-7010E-4R80-16N-3.8P-12*	16	3840 TB	2448 TB	9000 Mbps	7200 Mbps
SVS-7010E-4R80-20N-4.8P-12*	20	4800 TB	3060 TB	11400 Mbps	9120 Mbps
SVS-7010E-4R80-24N-5.7P-12*	24	5760 TB	3672 TB	13800 Mbps	11040 Mbps
SVS-7010E-4R80-4N-1.3P-16	4	1280 TB	816 TB	1800 Mbps	1440 Mbps
SVS-7010E-4R80-8N-2.5P-16	8	2560 TB	1632 TB	4200 Mbps	3360 Mbps
SVS-7010E-4R80-12N-3.8P-16	12	3840 TB	2448 TB	6600 Mbps	5280 Mbps
SVS-7010E-4R80-16N-5.1P-16*	16	5120 TB	3264 TB	9000 Mbps	7200 Mbps
SVS-7010E-4R80-20N-6.4P-16*	20	6400 TB	4080 TB	11400 Mbps	9120 Mbps
SVS-7010E-4R80-24N-7.7P-16*	24	7680 TB	4896 TB	13800 Mbps	11040 Mbps

*Contact PLM before quoting

Please note that longer lead time will apply to this product (4-5 weeks).

Rackmount appliances

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-8GB-3200-UNECC	Please Refer to the Ordering Guide for the full list	8GB DDR4 1RX8 3200MHz UDIMM Non-ECC
SV-E-ACC-16GB-3200-UNECC	Please Refer to the Ordering Guide for the full list	16GB DDR4 2RX8 3200MHz UDIMM Non-ECC
SV-E-ACC-SRV-8GB-3200-RECC	Please Refer to the Ordering Guide for the full list	8GB 1RX8 DDR4 3200MHz RDIMM ECC
SV-E-ACC-SRV-16GB-3200-RECC	Please Refer to the Ordering Guide for the full list	16GB 2RX8 DDR4 3200MHz RDIMM ECC
SV-E-ACC-SRV-8GB-3200-UECC	Please Refer to the Ordering Guide for the full list	8GB DDR4 1RX8 3200MHz UDIMM ECC
SV-E-ACC-SRV-16GB-3200-UECC	Please Refer to the Ordering Guide for the full list	16GB DDR4 2RX8 3200MHz UDIMM ECC

**3200MHz DIMM will clock down to match a lower speed if installed in existing system.*

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-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

Part number	Compatible with	Description
SV-E-ACC-SRV-16TB-SAS	All SV-2000E and SV-4000EX Series appliances	3.5" 16TB 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-FH	1x PCIe x4, Full Height	1GbE RJ45 Dual Port Ethernet Adapter
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-FH	1x PCIe x4, Full Height	10GbE 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-FH	1x PCIe x8, Full Height	10Gbe SFP+ Dual Port Ethernet Adapter
SV-E-ACC-SRV-SFP+-D-LP	1x PCIe x8, Low Profile	10Gbe SFP+ Dual Port Ethernet Adapter

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-14G	Appliances that come with iDRAC Express	IDRAC Enterprise License 14G 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		

Part number	Compatible with	Description
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.
SV-E-ACC-2UPOST-RKMT**	Please Refer to the Ordering Guide for the full list	Streamvault™ Server (E) Accessory - Sliding 2-Post 2U Rail Kit. Compatible with all R6 - R8 - R14 - R18

**Only available in North America*

*** Not available in APAC Markets*

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 5 HD streams.

Key Specs

- Up to 2 monitors
- Up to 5 HD streams
- Windows 10 Enterprise LTSC
- 5-year hardware warranty with Keep Your Drive and Genetec Assurance

SVW-103E-M1

Hardware platform	Dell OptiPlex Micro	Memory	16 GB
OS drive	1x 256 GB SSD	Storage	1 TB SATA
Processor	1x i7-10700T	Form factor	Micro
Power Supply	1x 65W External (max 222 BTU/hr)		

Part number	Graphics card	Display connections	HD Streams	Full HD
SVW-104E-M1-EMB-I7	1x Intel UHD630 Embedded	1x DisplayPort, 1x HDMI	5	N/A

Workstations

300E Series workstation

The Streamvault 300 Series workstations are compact devices optimized for the need of security operator desks. They deliver smooth playback of up to 38 HD streams.

Key Specs

- Up to 8 monitors
- Up to 38 Full HD streams
- Windows 10 Enterprise LTSC
- 5-year hardware warranty with Keep Your Drive and Genetec Assurance

SVW-304E-C1

Hardware platform	Dell Precision 3240	Memory	32 GB
OS drive	1x 256 GB SSD	Storage	N/A
Processor	1x Core i9-10900	Form factor	Compact Form Factor
Power Supply	240W PSU		

Part number	Graphics card	Display connections	HD Streams†	Full HD‡
SVW-304E-C1-S3000-I9	1x Quadro RTX 3000*	4x Mini DisplayPort	55	38

*GPU will be the listed or equivalent model based on availability from NVIDIA.

†HEVC 720p 30 fps @ 2 Mbps

‡HEVC 1080p 30 fps @ 6.5 Mbps

SVW-304E-SF1

Hardware platform	Dell Precision 3450 XE	Memory	16 GB
OS drive	1x 256 GB SSD	Storage	1 TB SATA
Processor	Core i7-11700	Form factor	Small Form Factor
Power Supply	260W		

Part number	Graphics card	Display connections	HD Streams	Full HD
SVW-304E-SF1-S1000-I7	1x NVIDIA Quadro P1000 or T1000*	4x Mini Display Port	25	20

*GPU will be the listed or equivalent model based on availability from NVIDIA.

SVW-304E-T3

Hardware platform	Dell Precision 3650 XE Tower	Memory	Single GPU: 16 GB
OS drive	1x 256 GB SSD	Storage	1 TB SATA

Processor	Core i7-11700	Form factor	Mid Tower
Power Supply	1x 550W PSU		

Part number	Graphics card	Display connections	HD Streams [†]	Full HD [‡]
SVW-304E-T3-S2000-I7	1x NVIDIA Quadro P2000 or P2200 or RTX A2000*	4x DisplayPort	42	26

*GPU will be the listed or equivalent model based on availability from NVIDIA.

[†]HEVC 720p 30 fps @ 2 Mbps

[‡]HEVC 1080p 30 fps @ 6.5 Mbps

Workstations

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
- Up to 50 Full HD streams
- Windows 10 Enterprise LTSC
- 5-year hardware warranty with Keep Your Drive and Genetec Assurance

SVW-504E-T5

Hardware platform	Dell Precision 5820 XL	Memory	32 GB
Processor	(1) Xeon W-2275	Form factor	Tower
OS drive	1x 256 GB SSD	Storage	1 TB SATA
Power Supply	1x 950W (Max 3241.5 BTU/hr)		

Part number	Graphics card	Display connections	HD Streams	Full HD
SVW-504E-T5-D2000-275	2x NVIDIA Quadro P2000 or P2200 or RTX A2000*	8x DisplayPort 1.4	76	50

*GPU will be the listed or equivalent model based on availability from NVIDIA.

SVW-504E-R2

Hardware platform	Dell Precision 3930 XL	Memory	16 GB
Processor	1x Intel Core i9-9900K	Form factor	1U
OS drive	1x 256 GB SSD	Storage	1 TB SATA
Power Supply	2x 550W PSU (Max 2107 BTU/hr)		

Part number	Graphics card	Display connections	HD Streams†	Full HD‡
SVW-504E-R2-S2000-I9**	1x NVIDIA Quadro P2000 or P2200 or RTX A2000*	4x DisplayPort	36	27

*GPU will be the listed or equivalent model based on availability from NVIDIA.

**Not available in China

†HEVC 720p 30 fps @ 2 Mbps

‡HEVC 1080p 30 fps @ 6.5 Mbps

Please note that longer lead time will apply to this product (4-5 weeks).

Options

Accessories

Part number	Compatible with	Description	Type
SVW-E-ACC-T5-RKMT**	SVW-500E-T5	Rackmount Kit to convert SVW-T5 to SVW-R5	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

**Only available in North America*

*** Not available in APAC Markets*

Analytics

100E Series

Rackmount series (1000E/2000E)

Analytics

100E Series

The Streamvault SVA-100E Series compact appliance lets you easily enhance your security system with KiwiVision® Video Analytics. Its optimized design lets you apply more analytics streams to your video surveillance system, whether that is a single or multiple analytic stream per camera.

Key Specs

- Up to 20 KiwiVision® Privacy Protector® streams
- Up to 23 KiwiVision® Security Analytics streams
- Windows 10 Enterprise LTSC
- 5-year hardware warranty with Genetec Assurance

SVA-101E

Hardware platform	Dell OptiPlex	Memory	16 GB
Processor	(1) i7-10700T	Form factor	Micro
OS drive	1x 256GB SSD	NIC	(1) 1GBE RJ45
Free Expansion slots	No available slots	Video output	1x HDMI 1x DisplayPort
Power Supply	65W		

**The maximum number of analyzed streams is based on VGA camera resolutions in a scene with moderate activity. For more information, please consult the KiwiVision Analytics Dimensioning Tool on the Genetec Channel Partner Portal.*

Part number	GPU	Privacy Protector streams	Security Video Analytics streams	People Counter streams
SVA-101E-M1-EMB-I7	EMB	20 (VGA)	Area Protection: 23 (VGA, 15 fps) Area Protection: 11 (720p, 15 fps) Object Detection: 22 (VGA, 10 fps) Object Detection: 7 (720p, 10 fps)	Accurate Mode: 1 (720p, 12 fps) Fast Mode: 4 (720p, 12 fps)

300E Series

The Streamvault SVA-300E Series compact appliance lets you easily enhance your security system with KiwiVision® Video Analytics. Its optimized design lets you apply more analytics streams to your video surveillance system, whether that is a single or multiple analytic stream per camera.

Key Specs

- Up to 87 KiwiVision® Security Analytics streams
- Windows 10 Enterprise LTSC
- 5-year hardware warranty with Genetec Assurance

SVA-304E-C1

Hardware platform	Dell 3240 Compact	Memory	32 GB
OS drive	1x 256 GB SSD	Storage	N/A
Processor	1x Core i9-10900	Form factor	Compact Tower
Power Supply	1x 240W PSU	Free Expansion slots	N/A

Part number	GPU	Privacy Protector streams	Security Video Analytics streams	People Counter streams
SVA-303E-C1-S3000-I9	RTX 3000	TBA (VGA)	Area Protection: 57 (VGA, 15 fps) Area Protection: 23 (720p, 15 fps) Object Detection: 87 (VGA, 10 fps) Object Detection: 35 (720p, 10 fps)	Accurate Mode: 18 (720p, 12 fps) Fast Mode: 82 (720p, 5 fps)

Analytics

Rackmount Analytics Series

The Streamvault SVA Series rackmount appliance makes it easy to augment your operations and eliminate the noise with KiwiVision® Video Analytics. Designed as an expansion appliance, it simplifies system design and offers a cost-effective way to analyze multiple video stream without disrupting day-to-day operations.

Key Specs

- Up to 75 KiwiVision® Privacy Protector® streams
- Up to 29 KiwiVision® Security Analytics streams
- Windows 10 Enterprise LTSC or Windows Server Standard 2019 LTSC
- 5-year hardware warranty with Keep Your Drive and Genetec Assurance

SVA-1020E-R2

Hardware platform	Dell Precision 3930 XL	Memory	16 GB
Processor	1 x Core i9-9900K	Form factor	1U
OS drive	1x 256GB SSD	NIC	(1) 1GbE RJ45 (1) 10GbE RJ45
Free Expansion slots	1 FH	Video output	EMB: 2x USB-C With GPU: 4x DisplayPort 1.4
Power Supply	2 x 550w	Operating System	Windows 10 Enterprise LTSC

**The maximum number of analyzed streams is based on VGA camera resolutions in a scene with moderate activity. For more information, please consult the KiwiVision Analytics Dimensioning Tool on the Genetec Channel Partner Portal.*

Part number	GPU	Privacy Protector streams	Security Video Analytics streams	People counter streams
SVA-1020E-R2-EMB-I9	EMB	61 (VGA) 27 (720p)	Area Protection: 29 (VGA, 15 fps) Area Protection: 13 (720p, 15 fps) Object Detection: 25 (VGA, 10 fps) Object Detection: 9 (720p, 10 fps)	Accurate Mode: 13 (720p, 12 fps) Fast Mode: 19 (720p, 5 fps)
SVA-1020E-R2-S2000-I9	(1) P2000 or P2200 or A2000*	75 (VGA) 42 (720p)	Area Protection: 29 (VGA, 15 fps) Area Protection: 13 (720p, 15 fps) Object Detection: 25 (VGA, 10 fps) Object Detection: 9 (720p, 10 fps)	Accurate Mode: 15 (720p, 12 fps) Fast Mode: 49 (720p, 5 fps)

**GPU will be the listed or equivalent model based on availability from NVIDIA.*

Please note that longer lead time will apply to this product (4-5 weeks).

SVA-2020E-R6S

Hardware platform	Dell PowerEdge 340 OEM	Memory	16 GB
Processor	1 x Xeon E-2286G	Form factor	1U
OS drive	2x 480 GB SSD (RAID1)	NIC	(2) 1GbE RJ45
Free Expansion Slots	1 FH & 1 LP	Video Output	(1) VGA
Power Supply	(2) 550W	Operating System	Windows Server Standard 2019 LTSC

**The maximum number of analyzed streams is based on VGA camera resolutions in a scene with moderate activity. For more information, please consult the KiwiVision Analytics Dimensioning Tool on the Genetec Channel Partner Portal.*

Part number	GPU	Privacy Protector streams	Security Video Analytics streams
SVA-2020E-R6S-EMB-286G	EMB	61 (VGA) 27 (720p)	Area Protection: 53 (VGA, 15 fps) Area Protection: 17 (1080p, 15 fps) Object Detection: 68 (VGA, 10 fps) People Counter: 11 (720p, 12 fps)

**GPU will be the listed or equivalent model based on availability from NVIDIA.*

Please note that longer lead time will apply to this product (4-5 weeks).

Performance

Rackmount appliances max capacity

This section describes the achievable recording throughput 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-1020E	3 to 6	300 Mbps / 200 cameras	150 Mbps	15 Mbps
2000E Series				
SV-2020E (R4, R14, R18)	3 to 7	300 Mbps / 300 cameras	150 Mbps	15 Mbps
	8 to 18	500 Mbps / 500 cameras	150 Mbps	20 Mbps
4000E Series				
SV-4020EX (R4, R14)	3 to 7	400 Mbps / 400 cameras	400 Mbps	20 Mbps
	8 to 11	500 Mbps / 500 cameras	400 Mbps	20 Mbps
	12 to 14	1,300 Mbps / 700 cameras	400 Mbps	60 Mbps
SV-4020EX (R18, R26)	3 to 7	400 Mbps / 400 cameras	800 Mbps	20 Mbps
	8 to 11	500 Mbps / 500 cameras	800 Mbps	20 Mbps
	12 to 17	1,300 Mbps / 700 cameras	800 Mbps	60 Mbps
	18 to 26	1,350 Mbps / 850 cameras	800 Mbps	70 Mbps
7000E Series				
SV-7020EX	N/A	2,000 Mbps / 1,000 cameras	400 Mbps	100 Mbps

Archiver & Directory				
Models	Drive count	Recordings	Redirection	Playback
1000E Series				
SV-1020E	3 to 6	300 Mbps / 200 cameras	150 Mbps	15 Mbps
2000E Series				
SV-2020E (R4, R14, R18)	4 to 7	200 Mbps / 200 cameras	150 Mbps	10 Mbps
	8 to 18	400 Mbps / 200 cameras	150 Mbps	20 Mbps
4000E Series				
SV-4020EX (R4, R14)	4 to 7	400 Mbps / 200 cameras	400 Mbps	20 Mbps
	8 to 11	400 Mbps / 200 cameras	400 Mbps	20 Mbps
	12 to 14	1,000 Mbps / 200 cameras	400 Mbps	50 Mbps
SV-4020EX (R18, R26)	4 to 7	400 Mbps / 200 cameras	400 Mbps	20 Mbps
	8 to 11	400 Mbps / 200 cameras	400 Mbps	20 Mbps
	12 to 17	1,000 Mbps / 200 cameras	400 Mbps	50 Mbps
	18 to 26	1,000 Mbps / 200 cameras	600 Mbps	50 Mbps
7000E Series				
SV-7020EX	N/A	2,000 Mbps / 1,000 cameras	400 Mbps	100 Mbps

Archiver with Cloud storage				
Models	Drive count	Recordings with Upload to cloud storage	Redirection	Playback
1000E Series				
SV-1020E	3 to 6	150 Mbps / 100 cameras	75 Mbps	15 Mbps
2000E Series				
SV-2020E (R4, R14, R18)	4 to 7	150 Mbps / 150 cameras	75 Mbps	15 Mbps
	8 to 18	250 Mbps / 250 cameras	75 Mbps	20 Mbps
4000E Series				
SV-4020EX (R4, R14)	4 to 7	200 Mbps / 200 cameras	200 Mbps	20 Mbps
	8 to 11	250 Mbps / 250 cameras	200 Mbps	20 Mbps
	12 to 14	650 Mbps / 350 cameras	400 Mbps	60 Mbps
SV-4020EX (R18, R26)	4 to 7	400 Mbps / 400 cameras	400 Mbps	20 Mbps
	8 to 11	500 Mbps / 500 cameras	400 Mbps	20 Mbps
	12 to 17	650 Mbps / 350 cameras	400 Mbps	60 Mbps
	18 to 26	675 Mbps / 425 cameras	400 Mbps	70 Mbps
7000E Series				
SV-7020EX	N/A	1,000 Mbps / 500 cameras	200 Mbps	100 Mbps