Streamvault™

Security infrastructure catalog

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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	1x Intel Core i3	Memory	8 GB (1x 8GB DDR4 UDIMM Non-ECC 3200 MT/s)
Display outputs	1x DisplayPort 1x HDMI	Total Memory Slots	2x (1x populated by default)
NIC	1x 1GBE RJ45	Power Supply	1x 65W External (max 222 BTU/hr)
Max performance (unicast)	32 Mbps / 16 cameras (local viewing) 100 Mbps / 25 cameras (recording only)	Free Expansion slots	No available slots

Product Matrix

Software/Hardware Bundle Part Number	Drives	Raw Storage	Usable Storage	Hardware Only Part Number
SV-100E-1T-I3	(1) 1 TB	1 TB	0.9 TB	SV-100E-1T-I3-ARC
SV-100E-2T-I3	(1) 2 TB	2 TB	1.8 TB	SV-100E-2T-I3-ARC

Streamvault™

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 10 Enterprise LTSC
- 3-year hardware warranty with Genetec Assurance and 1-year advance replacement

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	1x DisplayPort 1x HDMI	Total Memory Slots	2x (2x populated by default)
NIC	1x 1GBE RJ45	Power Supply	1x 200W (max 683 BTU/hr)
Max performance (unicast)	64 Mbps / 32 cameras (local viewing) 200 Mbps / 100 cameras (recording only)	Free Expansion slots	

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	1.8 TB	SV-300E-2T-I5-ARC
SV-300E-4T-I5	(1) 4 TB	4 TB	3.6 TB	SV-300E-4T-I5-ARC
SV-300E-8T-I5	(1) 8 TB	8 TB	7.2 TB	SV-300E-8T-I5-ARC
SV-300E-12T-I5	(1) 12 TB	12 TB	10.9 TB	SV-300E-12T-I5-ARC
SV-300E-16T-I5	(1) 16 TB	16 TB	14.5 TB	SV-300E-16T-I5-ARC
SV-300E-20T-I5	(1) 20 TB	20 TB	18.2 TB	SV-300E-20T-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	Americas: 16 GB (2x 8GB DDR4 UDIMM Non-ECC 3200 MT/s) EMEA/APJ: 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 460W (max 1570 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-T4-4T-4-I5	(1) 4 TB	4 TB	3.6 TB	SV-300E-T4-4T-4-I5-ARC
SV-300E-T4-8T-8-I5	(1) 8 TB	8 TB	7.2 TB	SV-300E-T4-8T-8-I5-ARC
SV-300E-T4-12T-12-I5	(1) 12 TB	12 TB	10.9 TB	SV-300E-T4-12T-12-I5-ARC
SV-300E-T4-16T-16-I5	(1) 16 TB	16 TB	14.5 TB	SV-300E-T4-16T-16-I5-ARC
SV-300E-T4-24T-12-I5	(2) 12 TB	24 TB	21.8 TB	SV-300E-T4-24T-12-I5-ARC
SV-300E-T4-36T-12-I5	(3) 12 TB	36 TB	32.7 TB	SV-300E-T4-36T-12-I5-ARC
SV-300E-T4-48T-16-I5	(3) 16 TB	48 TB	43.6 TB	SV-300E-T4-48T-16-I5-ARC
SV-300E-T4-60T-20-I5	(3) 20 TB	60 TB	54.54 TB	SV-300E-T4-60T-20-I5-ARC

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
- iDRAC for local and remote server management
- 3-year hardware warranty with Genetec Assurance and 1-year advance replacement

Hardware platform	Dell PowerEdge Tower OEMR	Form factor	3-Bay Tower
OS drive	1x 240 GB SSD	Storage	SATA
Processor	1x Intel Xeon E Series	Memory	16 GB (2x 8GB DDR4 UDIMM ECC 3200 MT/s)
Display outputs	1x VGA	Total Memory Slots	4x (2x populated by default)
NIC	(2) 1GBE RJ45	Power Supply	1x 365W (max 989 BTU/hr)
RAID configuration	RAID 5		
Max performance (unicast)	100 Mbps / 50 cameras (local viewing) 200 Mbps / 100 cameras (recording only)	iDRAC	iDRAC9 Basic

Product Matrix – Americas/EMEA

Software/Hardware Part number	Drives	Raw Storage	Usable Storage	Hardware Only Part Number
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
SV-350E-TR3-60T-20-226G	(3) 20 TB	60 TB	36.36 TB	SV-350E-TR3-60T-20-226G-ARC

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Product Matrix - APAC

Software/Hardware Part number	Drives	Raw Storage	Usable Storage	Hardware Only Part Number
SV-350E-TR3-12T-4-356G	(3) 4 TB	12 TB	7 TB	SV-350E-TR3-12T-4-356G-ARC
SV-350E-TR3-24T-8-356G	(3) 8 TB	24 TB	14 TB	SV-350E-TR3-24T-8-356G-ARC
SV-350E-TR3-36T-12-356G	(3) 12 TB	36 TB	21 TB	SV-350E-TR3-36T-12-356G-ARC
SV-350E-TR3-48T-16-356G	(3) 16 TB	48 TB	29 TB	SV-350E-TR3-48T-16-356G-ARC
SV-350E-TR3-60T-20-356G	(3) 20 TB	60 TB	36.36 TB	SV-350E-TR3-60T-20-356G-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-8GB-4800-UNECC**	300E-T4	Streamvault Server (E) Accessory - 8GB DDR5 RAM	RAM
SV-E-ACC-SRV-8GB-3200-UECC	SV-350E-TR3	Streamvault Server (E) Accessory - 8GB RAM	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

Part number	Compatible with	Description	Type
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 Americas Only
**Available in Europe/APJ 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 300 Mbps throughput
- Up to 1000 readers
- Up to 60 TB Enterprise SATA storage
- Windows Server Standard 2019 LTSC
- iDRAC for local and remote server management
- 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 (RAID5)	300 Mbps / 200 cameras	300 Mbps / 100 cameras

Streamvault™

Multipurpose appliances

SV-1030E-R3-D480-334

Hardware platform	Dell PowerEdge R250 OEMR	Form factor	1U
OS drive	(2) 480GB (RAID 1)	Storage	-
Processor	(1) Xeon E-2334	Memory	16 GB (2x 8GB DDR4 UDIMM ECC 3200 MT/s)
NIC	(2) 1GbE RJ45	Total Memory Slots	4x (2x populated by default)
Free Expansion slots	1 LP	Power Supply	1x 450W (max 1725 BTU/hr)
		iDRAC	iDRAC9 Basic

Part number	Raw storage	Usable storage
SV-1030E-R3-D480-334	960 GB	450GB

Storage appliances
1U Models

SV-1030E-R3

Hardware platform	Dell PowerEdge R250 OEMR	Form factor	1U
OS drive	1x 480 GB SSD	Storage	SATA
Processor	(1) Xeon E-2334	Memory	16 GB (2x 8GB DDR4 UDIMM ECC 3200 MT/s)
Display outputs	VGA	Total Memory Slots	4x (2x populated by default)
NIC	(2) 1GbE RJ45	Power Supply	1x 450W (max 1725 BTU/hr)
RAID configuration	RAID 5	Max performance (unicast)	300 Mbps / 100 cameras (Recording: 250 Mbps; Playback: 10Mbps; Redirection: 40Mbps)
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.

Genetec™

SV-1030E-R3-334

Part Number	Drives	Raw Storage	Usable Storage
SV-1030E-R3-12T-4-334	(3) 4 TB	12 TB	7.3 TB
SV-1030E-R3-24T-8-334	(3) 8TB	24 TB	14.6 TB
SV-1030E-R3-36T-12-334	(3) 12 TB	36 TB	21.8 TB
SV-1030E-R3-48T-16-334	(3) 16 TB	48 TB	29.1 TB
SV-1030E-R3-60T-20-334	(3) 20 TB	60 TB	36.36 TB

Storage appliances
2U Models

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 670 Mbps throughput
- Up to 2,000 readers
- Up to 520TB NLSAS storage
- Windows Server Standard 2019 LTSC
- iDRAC for local and remote server management
- 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 26	500 Mbps / 500 cameras	400 Mbps / 200 cameras

Multipurpose appliances

SV-2030E-R6S

Hardware platform	Dell PowerEdge R350	Form factor	1U
OS drive	(2) 480GB (RAID 1)	Storage	-
Processor	(1) Xeon E-2336	Memory	16 GB (2x 8GB DDR4 UDIMM ECC 3200 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 Express

Part number	Raw storage	Usable storage
SV-2030E-R6S-D480-336	960 GB	450GB

Storage appliances
1U Models

SV-2030E-R4

Hardware platform	Dell PowerEdge R350	Form factor	1U
OS drive	2x 240 GB M.2 SSD Hot Swap (RAID 1)	Storage	NLSAS
Processor	Xeon E-2336	Memory	16 GB (2x 8GB DDR4 UDIMM ECC 3200 MT/s)
Display outputs	1x VGA	Total Memory Slots	4x (2x populated by default)
NIC	(2) 1GbE RJ45	Power Supply	2x 600W (max 2047 BTU/hr)
Max performance (unicast)	465 Mbps / 300 cameras (Recording: 300 Mbps; Playback: 15 Mbps; Redirection: 150 Mbps)	Free Expansion slots	2 LP
RAID configuration	RAID 5	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. Not valid for 3 drive configurations which only support 250Mbps.

Part number	Drives	Raw storage	Usable storage
SV-2030E-R4-12T-4-336	(3) 4 TB	12 TB	7.2 TB
SV-2030E-R4-16T-4-336	(4) 4 TB	16 TB	10 TB
SV-2030E-R4-24T-8-336	(3) 8 TB	24 TB	14 TB
SV-2030E-R4-32T-8-336	(4) 8 TB	32 TB	21 TB
SV-2030E-R4-36T-12-336	(3) 12 TB	36 TB	21 TB
SV-2030E-R4-48T-12-336	(4) 12 TB	48 TB	32 TB
SV-2030E-R4-48T-16-336	(3) 16 TB	48 TB	29 TB
SV-2030E-R4-64T-16-336	(4) 16 TB	64 TB	43 TB
SV-2030E-R4-80T-20-336	(4) 20 TB	80 TB	54.54 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 (2x 8GB DDR4 RDIMM ECC 3200 MT/s)
		Total Memory Slots	12x (2x populated by default)
Display Outputs	VGA	Power Supply	2x 1100W (max 4100 BTU/hr)
NIC	(4) 1GbE RJ45		
RAID configuration	NLSAS RAID 5 (3 to 8 drives) NLSAS RAID 6 (9+ drives) RAID10 available as an option	Max performance* (unicast)	670 Mbps / 500 cameras (Recording: 500 Mbps; Playback: 20 Mbps; Redirection: 150 Mbps)
iDRAC	iDRAC Express	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. <u>Recording</u>: saving video footage to the archiver <u>Playback</u>: viewing archived video footage. <u>Redirection</u>: 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-R14-36T-4-210	(9) 4 TB	36 TB	25.4 TB
SV-2020E-R14-56T-4-210	(14) 4 TB	56 TB	43.66 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-R14-72T-8-210	(9) 8 TB	72 TB	50.9 TB
SV-2020E-R14-112T-8-210	(14) 8 TB	112 TB	87.26 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

Part number	Drives	Raw storage	Usable storage
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
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-R14-240T-20-210	(12) 20 TB	240 TB	181.8 TB
SV-2020E-R14-260T-20-210	(13) 20 TB	260 TB	199.98 TB
SV-2020E-R14-280T-20-210	(14) 20 TB	280 TB	218.16 TB

SV-2020E-R26

Hardware platform	Dell PowerEdge R740xd2 OEMR	Form factor	2U
OS drive	2x 240 GB SSD (RAID1)	Storage	NLSAS
Processor	(1) Xeon Silver 4216	Memory	16 GB (2x 8GB DDR4 RDIMM ECC 3200 MT/s)
Display Outputs	VGA	Total Memory Slots	10x (2x populated by default)
NIC	(2) 1GbE RJ45	Power Supply	2x 1100W (max 4100 BTU/hr)
RAID configuration	10 – 18 drives: NLSAS RAID 6 19+ drives: NLSAS RAID 6 + 1 Hot Spare	Max performance* (unicast)	670 Mbps / 500 cameras (Recording: 500 Mbps; Playback: 20 Mbps; Redirection: 150 Mbps)
iDRAC	iDRAC9 Express	Free Expansion Slots	None

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

Part number	Drives	Raw storage	Usable storage
SV-2020E-R26-72T-4-216	(18) 4 TB	72 TB	54.6 TB
SV-2020E-R26-80T-8-216	(10) 8 TB	80 TB	58.2 TB
SV-2020E-R26-144T-8-216	(18) 8 TB	144 TB	116.4 TB
SV-2020E-R26-160T-8-216	(20) 8 TB	160 TB	123.7 TB
SV-2020E-R26-208T-8-216	(26) 8 TB	208 TB	167.3 TB
SV-2020E-R26-120T-12-216	(10) 12 TB	120 TB	87.3 TB
SV-2020E-R26-132T-12-216	(11) 12 TB	132 TB	98.2 TB
SV-2020E-R26-144T-12-216	(12) 12 TB	144 TB	109 TB
SV-2020E-R26-156T-12-216	(13) 12 TB	156 TB	120 TB
SV-2020E-R26-168T-12-216	(14) 12 TB	168 TB	131 TB

Part number	Drives	Raw storage	Usable storage
SV-2020E-R26-180T-12-216	(15) 12 TB	180 TB	142 TB
SV-2020E-R26-192T-12-216	(16) 12 TB	192 TB	153 TB
SV-2020E-R26-204T-12-216	(17) 12 TB	204 TB	163.7 TB
SV-2020E-R26-216T-12-216	(18) 12 TB	216 TB	174.6 TB
SV-2020E-R26-240T-12-216	(20) 12 TB	240 TB	185.5 TB
SV-2020E-R26-276T-12-216	(23) 12 TB	276 TB	218.2 TB
SV-2020E-R26-312T-12-216	(26) 12 TB	312 TB	251 TB
SV-2020E-R26-240T-16-216	(15) 16 TB	240 TB	189.2 TB
SV-2020E-R26-256T-16-216	(16) 16 TB	256 TB	203.7 TB
SV-2020E-R26-272T-16-216	(17) 16 TB	272 TB	218.3 TB
SV-2020E-R26-288T-16-216	(18) 16 TB	288 TB	232.8 TB
SV-2020E-R26-320T-16-216	(20) 16 TB	320 TB	247.4 TB
SV-2020E-R26-368T-16-216	(23) 16 TB	368 TB	291 TB
SV-2020E-R26-416T-16-216	(26) 16 TB	416 TB	334.7 TB
SV-2020E-R26-300T-20-216	(15) 20TB	300 TB	236.34 TB
SV-2020E-R26-320T-20-216	(16) 20TB	320 TB	254.52 TB
SV-2020E-R26-340T-20-216	(17) 20TB	340 TB	272.7 TB
SV-2020E-R26-360T-20-216	(18) 20TB	360 TB	290.88 TB
SV-2020E-R26-460T-20-216	(23) 20 TB	460 TB	363.6 TB
SV-2020E-R26-520T-20-216	(26) 20 TB	520 TB	418.14 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 520 TB NLSAS storage
- Windows Server Standard 2019 LTSC
- Redundant power supplies
- iDRAC for local and remote server management
- 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

Streamvault™

Multipurpose appliances

Hardware platform	Dell PowerEdge R640 OEMR	Form factor	1U
OS drive	2x 480 GB SSD (RAID1)	Storage	-
Processor	2x Xeon Silver 4210	Memory	32 GB (4x 8GB DDR4 RDIMM ECC 3200 MT/s)
		Total Memory Slots	24x (2x per CPU populated by default)
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
SV-4020EX-R6S-D480-210	960 GB	450 GB

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 (4x 8GB DDR4 RDIMM ECC 3200 MT/s)
Display Outputs	VGA	Total Memory Slots	24x (2x per CPU populated by default)
NIC	(2) 1GbE RJ45 (2) 10GbE SFP+	Power Supply	2x 750W (max 2891 BTU/hr)
RAID configuration	NLSAS RAID 5 RAID 6 and RAID 10 available as an option	Max performance* (unicast)	820 Mbps / 400 cameras (Recording: 400 Mbps; Playback: 20 Mbps; Redirection: 400 Mbps)
iDRAC	iDRAC9 Enterprise	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. Not valid for 3 drive configurations which only support 250Mbps.

Part number	Drives	Raw storage	Usable storage
SV-4020EX-R4-12T-4-210	(3) 4 TB	12 TB	7.3 TB
SV-4020EX-R4-16T-4-210	(4) 4 TB	16 TB	10.9 TB
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-R4-64T-16-210	(4) 16 TB	64 TB	43 TB
SV-4020EX-R4-80T-20-210	(4) 20 TB	80 TB	54.54 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 (4x 8GB DDR4 RDIMM ECC 3200 MT/s)
		Total Memory Slots	24x (2x per CPU populated by default)
Display Outputs	VGA	Power Supply	2x 1100W (max 4100 BTU/hr)
NIC	(4) 1GbE RJ45 (2) 10GbE SFP+		
RAID configuration	NLSAS RAID 5 (3 to 8 drives) NLSAS RAID 6 (9+ drives) RAID10 available as an option	Max performance* (unicast)	2,160 Mbps / 850 cameras (Recording: 1,300 Mbps; Playback: 60 Mbps; Redirection: 800 Mbps)
iDRAC	iDRAC9 Enterprise	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. 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

Part number	Drives	Raw storage	Usable storage
SV-4020EX-R14-20T-4-210	(5) 4 TB	20 TB	14.6 TB
SV-4020EX-R14-36T-4-210	(9) 4 TB	36 TB	25.4 TB
SV-4020EX-R14-56T-4-210	(14) 4 TB	56 TB	43.66 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-R14-72T-8-210	(9) 8 TB	72 TB	50.9 TB
SV-4020EX-R14-112T-8-210	(14) 8 TB	112 TB	87.26 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-12-210	(12) 12 TB	144 TB	109.1 TB
SV-4020EX-R14-156T-12-210	(13) 12 TB	156 TB	120.1 TB
SV-4020EX-R14-168T-12-210	(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-R14-240T-20-210	(12) 20 TB	240 TB	181.8 TB
SV-4020EX-R14-260T-20-210	(13) 20 TB	260 TB	199.98 TB
SV-4020EX-R14-280T-20-210	(14) 20 TB	280 TB	218.16 TB

Streamvault™

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 (4x 8GB DDR4 RDIMM ECC 3200 MT/s)
Display Outputs	VGA	Total Memory Slots	12x (2x per CPU populated by default)
NIC	(2) 1GbE RJ45 (2) 10GbE SFP+	Power Supply	2x 1100W (max 4100 BTU/hr)
RAID configuration	NLSAS RAID 6 + 1 Hot Spare RAID10 available as an option	Max performance* (unicast)	2,220 Mbps / 850 cameras (Recording: 1,350 Mbps; Playback: 70 Mbps; Redirection: 800 Mbps)
iDRAC	iDRAC9 Enterprise	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.

Part number	Drives	Raw storage	Usable storage
SV-4020EX-R26-40T-4-216	(10) 4 TB	40 TB	29 TB
SV-4020EX-R26-72T-4-216	(18) 4 TB	72 TB	58.2 TB
SV-4020EX-R26-80T-8-216	(10) 8 TB	80 TB	58.2 TB
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-R26-144T-8-216	(18) 8 TB	144 TB	116.4 TB
SV-4020EX-R26-120T-12-216	(10) 12 TB	120 TB	87.3 TB
SV-4020EX-R26-132T-12-216	(11) 12 TB	132 TB	98.2 TB
SV-4020EX-R26-144T-12-216	(12) 12 TB	144 TB	109 TB
SV-4020EX-R26-156T-12-216	(13) 12 TB	156 TB	120 TB
SV-4020EX-R26-168T-12-216	(14) 12 TB	168 TB	131 TB
SV-4020EX-R26-180T-12-216	(15) 12 TB	180 TB	142 TB
SV-4020EX-R26-192T-12-216	(16) 12 TB	192 TB	153 TB
SV-4020EX-R26-204T-12-216	(17) 12 TB	204 TB	163.7 TB
SV-4020EX-R26-216T-12-216	(18) 12 TB	216 TB	174.6 TB
SV-4020EX-R26-240T-12-216	(20) 12 TB	240 TB	185.5 TB
SV-4020EX-R26-276T-12-216	(23) 12 TB	276 TB	218.2 TB
SV-4020EX-R26-312T-12-216	(26) 12 TB	312 TB	251 TB
SV-4020EX-R26-240T-16-216	(15) 16 TB	240 TB	189.2 TB
SV-4020EX-R26-256T-16-216	(16) 16 TB	256 TB	203.7 TB
SV-4020EX-R26-272T-16-216	(17) 16 TB	272 TB	218.3 TB
SV-4020EX-R26-288T-16-216	(18) 16 TB	288 TB	232.8 TB

Part number	Drives	Raw storage	Usable storage
SV-4020EX-R26-320T-16-216	(20) 16 TB	320 TB	247.4 TB
SV-4020EX-R26-368T-16-216	(23) 16 TB	368 TB	291 TB
SV-4020EX-R26-416T-16-216	(26) 16 TB	416 TB	334.7 TB
SV-4020EX-R26-300T-20-216	(15) 20TB	300 TB	236.34 TB
SV-4020EX-R26-320T-20-216	(16) 20 TB	320 TB	254.52 TB
SV-4020EX-R26-340T-20-216	(17) 20 TB	340 TB	272.7 TB
SV-4020EX-R26-360T-20-216	(18) 20 TB	360 TB	290.88 TB
SV-4020EX-R26-460T-20-216	(23) 20 TB	460 TB	363.6 TB
SV-4020EX-R26-520T-20-216	(26) 20 TB	520 TB	418.14 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 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
- iDRAC for local and remote server management
- 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

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 (4x 8GB DDR4 RDIMM ECC 3200 MT/s)
Display Outputs	VGA	Total Memory Slots	24x (2x per CPU populated by default)
NIC	(2) 1GbE RJ45 (4) 10GbE SFP+	Power Supply	2x 750W (max 2891 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)

SV-7020EX-R6S

* 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-D480-216	960 GB	450 GB	Dual	32 GB

SAN headend controller

SVS-7020E-R84-HE

Storage	NLSAS RAID 6 Up to 14x drives per array, up to 6x arrays per chassis	Install	Onsite install with Dell ProDeploy Plus
Interface	2x 8GB Controller with ISCSI 4x 1G/10G SFP+	Max performance* (unicast)	2,100 Mbps / 1,100 cameras (Recordings: 2000 Mbps; Playback: 100 Mbps) 4PB raw per 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-7020E-R84-HE-504T-12	(42) 12 TB	504 TB	392.68 TB	84
SVS-7020E-R84-HE-1008T-12	(84) 12 TB	1008 TB	785.37 TB	84
SVS-7020E-R84-HE-672T-16	(42) 16 TB	672 TB	523.8 TB	84
SVS-7020E-R84-HE-1.3P-16	(84) 16 TB	1344 TB	1047.16 TB	84
SVS-7020E-R84-HE-840T-20	(42) 20 TB	840 TB	654.48 TB	84
SVS-7020E-R84-HE-1.6P-20	(84) 20 TB	1680 TB	1308.96 TB	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-7020E-R84-EX

Storage	NLSAS RAID6	Max performance (unicast)	Dependent 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-7020E-R84-EX-504T-12	(42) 12 TB	504 TB	392.68 TB	84
SVS-7020E-R84-EX-1008T-12	(84) 12 TB	1008 TB	785.37 TB	84
SVS-7020E-R84-EX-672T-16	(42) 16 TB	672 TB	523.8 TB	84
SVS-7020E-R84-EX-1.3P-16	(84) 16TB	1344	1047.16 TB	84
SVS-7020E-R84-EX-840T-20	(42) 20 TB	840 TB	654.48 TB	84
SVS-7020E-R84-EX-1.6P-20	(84) 20 TB	1680 TB	1308.96 TB	84

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

Scale Out NAS

SVS-7020E-4R60

Storage	SATA – OneFS Erasure coding	Install	Onsite install with Dell ProDeploy
Interface	4x 1G/10G	Max performance* (unicast)	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 and Node Redundancy
SVS-7020E-4R60-4N-240T-4	4	240 TB	153 TB	2400 Mbps, 1 Node
SVS-7020E-4R60-6N-360T-4	6	360 TB	230 TB	4000 Mbps, 1 Node
SVS-7020E-4R60-8N-480T-4	8	480 TB	306 TB	5600 Mbps, 1 Node
SVS-7020E-4R60-4N-480T-8	4	480 TB	306 TB	2400 Mbps, 1 Node
SVS-7020E-4R60-6N-720T-8	6	720 TB	460 TB	4000 Mbps, 1 Node
SVS-7020E-4R60-8N-960T-8	8	960 TB	612 TB	5600 Mbps, 1 Node

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-7020E-4R80

Storage	SATA – OneFS Erasure coding	**Install**	Dell ProDeploy Plus – On site hardware installation and cluster configuration
Form Factor	4U Rackmount (4x nodes per chassis)		
Interface	2x 25GbE SFP28 per node	**Max performance* (unicast)**	Playbacks are 20% of recording capacity
Included Hardware	1x 42U PDU Deep Rack 2x Backend 10/25GbE networking switches	**Redundancy**	All configurations can simultaneously lose 1 node and 2 disks without frame loss, supports configuration of multiple nodes of redundancy

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

Part number	# Nodes	Raw storage	Usable storage	Recording Bandwidth and Node Redundancy
SVS-7020E-4R80-4N-960T-12	4	960 TB	612 TB	3000 Mbps, 1 Node
SVS-7020E-4R80-8N-1.9P-12	8	1920 TB	1224 TB	7000 Mbps, 1 Node
SVS-7020E-4R80-12N-2.9P-12	12	2880 TB	1836 TB	11000 Mbps, 1 Node
SVS-7020E-4R80-16N-3.8P-12*	16	3840 TB	2448 TB	15000 Mbps, 1 Node
SVS-7020E-4R80-20N-4.8P-12*	20	4800 TB	3060 TB	19000 Mbps, 1 Node
SVS-7020E-4R80-24N-5.7P-12*	24	5760 TB	3672 TB	23000 Mbps, 1 Node
SVS-7020E-4R80-4N-1.3P-16	4	1280 TB	816 TB	3000 Mbps, 1 Node
SVS-7020E-4R80-8N-2.5P-16	8	2560 TB	1632 TB	7000 Mbps, 1 Node
SVS-7020E-4R80-12N-3.8P-16	12	3840 TB	2448 TB	11000 Mbps, 1 Node
SVS-7020E-4R80-16N-5.1P-16*	16	5120 TB	3264 TB	15000 Mbps, 1 Node
SVS-7020E-4R80-20N-6.4P-16*	20	6400 TB	4080 TB	19000 Mbps, 1 Node
SVS-7020E-4R80-24N-7.7P-16*	24	7680 TB	4896 TB	23000 Mbps, 1 Node
SVS-7020E-4R80-4N-1.6P-20	4	1600 TB	1011 TB	3000 Mbps, 1 Node
SVS-7020E-4R80-8N-3.2P-20	8	3200 TB	2022 TB	7000 Mbps, 1 Node
SVS-7020E-4R80-12N-4.8P-20	12	4800 TB	3033 TB	11000 Mbps, 1 Node
SVS-7020E-4R80-16N-6.4P-20*	16	6400 TB	4044 TB	15000 Mbps, 1 Node
SVS-7020E-4R80-20N-8P-20*	20	8000 TB	5055 TB	19000 Mbps, 1 Node
SVS-7020E-4R80-24N-9.6P-20*	24	9600 TB	6066 TB	23000 Mbps, 1 Node

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-SRV-8GB-3200-RECC	Please Refer to the Ordering Guide for the full list	8GB RDIMM ECC RAM Upgrade for Xeon Scalable/W Processors
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-SRV-8GB-3200-UECC	Please Refer to the Ordering Guide for the full list	8GB DDR4 1RX8 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-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-FH	1x PCIe x4, Full Height	1GbE RJ45 Dual Port Ethernet Adapter

Part number	PCIe Compatibility	Description
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 Basic/Express	IDRAC Enterprise License 14G Servers
SV-E-ACC-SRV-IDRAC-ENT-15G	Appliances that come with iDRAC Basic/Express	IDRAC Enterprise License 15G 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.
SV-E-ACC-2U2POST-RKMT**	Please Refer to the Ordering Guide for the full list	Streamvault™ Server (E) Accessory - Sliding 2-Post 2U Rail Kit. Compatible with all 2U chassis
SV-E-ACC-1U-2POST-RKMT	Please Refer to the Ordering Guide for the full list	Streamvault™ Server (E) Accessory -2-Post Rack Kit for 1U E-Series Streamvault Appliances

Part number	Compatible with	Description

*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-104E-M1

Hardware platform	Dell OptiPlex Micro	Memory	16 GB (2x 8GB DDR4 UDIMM Non-ECC 3200 MT/s)
OS drive	1x 256 GB SSD	Total Memory Slots	2x (2x populated by default)
Processor	1x Intel Core i7	Storage	1 TB SATA
Power Supply	1x 65W External (max 222 BTU/hr)	Form factor	Micro

Part number	Graphics card	Display connections	Max capacity
SVW-104E-M1-EMB-I7	1x Intel UHD630 Embedded	1x DisplayPort, 1x HDMI	16*

*Please see Workstation performance table on pg. 45 for more capacity info

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 for small to medium-sized system monitoring.

Key Specs

- Up to 4 monitors
- Up to 38 Full HD streams
- Windows 10 Enterprise LTSC
- 5-year hardware warranty with Keep Your Drive and Genetec Assurance

SVW-305E-C1

Hardware platform	Dell Precision Compact	Memory	32 GB (2x 16GB DDR5 UDIMM Non-ECC 4800 MT/s)
OS drive	1x 512 GB SSD	Total Memory Slots	2x (2x populated by default)
Processor	1x Core i9	Storage	N/A
Power Supply	240W PSU	Form factor	Compact Form Factor

Part number	Graphics card	Display connections	Max capacity
SVW-305E-C1-S3000-I9	1x Quadro RTX 3000 *	4x Mini DisplayPort**	55***

*GPU will be the listed or equivalent model based on availability from NVIDIA.
** Maximum display resolution depends on the number of connected displays.
***Please see Workstation performance table on pg. 45 for more capacity info

SVW-304E-SF1/SVW-305E-SF1

Hardware platform	Dell Precision SFF	Memory	SVW-304E: 16 GB (2x 8GB DDR4 UDIMM Non-ECC 3200 MT/s) SVW-305E: 16GB (2x 8GB DDR5 UDIMM Non-ECC 4800 MT/s)
OS drive	SVW-304E: 1x 256GB SSD SVW-305E: 1x 512 GB SSD	Total Memory Slots	SVW-304E: 4x DDR4 (2x populated by default) SVW-305E- 2x DDR5 (2x populated by default)
Processor	Core i7	Storage	1 TB SATA
Power Supply	300W	Form factor	Small Form Factor

Part number	Graphics card	Display connections	Max capacity
SVW-304E-SF1-S1000-I7***	1x NVIDIA Quadro T1000	4x Mini DisplayPort*	38**
SVW-305E-SF1-S1000-I7	1x NVIDIA Quadro T1000	4x Mini-DisplayPort	38**
SVW-305E-SF1-S2000-I7	1x NVIDIA Quadro A2000	4x Mini-DisplayPort*	60**

Maximum display resolution depends on the number of connected displays.
***Please see Workstation performance table on pg. 45 for more capacity info*
****Only available in EMEA/APJ markets*

SVW-305E-T3

Hardware platform	Dell Precision Tower 3660	Memory	16 GB (2x 8GB DDR5 UDIMM Non-ECC 4800 MT/s)
OS drive	1x 512GB SSD	Total Memory Slots	4x DDR5 (2x populated by default)
Processor	Core i7-12700K	Storage	1 TB SATA
Power Supply	1x 500W PSU	Form factor	Mid Tower

Part number	Graphics card	Display connections	Max capacity
SVW-305E-T3-S2000-I7	1x NVIDIA Quadro RTX A2000	4x Mini-DisplayPort**	60***
SVW-305E-T3-S4000-I7	1x NVIDIA Quadro RTX A4000	4x DisplayPort 1.4**	72***

GPU will be the listed or equivalent model based on availability from NVIDIA.
*** Maximum display resolution depends on the number of connected displays.*
****Please see Workstation performance table on pg. 45 for more capacity info*

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 (4x 8GB RDIMM ECC 3200 MT/s)
Processor	1x Xeon W-2275	Total Memory Slots	8x (4x populated by default)
OS drive	D2000 SKU: 1x 256GB SSD D4000 SKU 1x 512GB SSD	Form factor	Tower
Power Supply	1x 950W (Max 3241.5 BTU/hr)	Storage	1 TB SATA

Part number	Graphics card	Display connections	Max capacity
SVW-504E-T5-D2000-275	2x NVIDIA Quadro P2000 or P2200 or RTX A2000*	8x DisplayPort 1.4	100**
SVW-504E-T5-D4000-275	2x NVIDIA RTX A4000	8x DisplayPort 1.4	130**

*GPU will be the listed or equivalent model based on availability from NVIDIA.
**Please see Workstation performance table on pg. 45 for more capacity info

SVW-504E-R2

Hardware platform	Dell Precision 3930 XL	Memory	16 GB (2x 8GB UDIMM Non-ECC 2666 MT/s)
Processor	1x Intel Core i9-9900K	Total Memory Slots	4x (2x populated by default)
OS drive	1x 256 GB SSD	Form factor	1U
Power Supply	2x 550W PSU (Max 2107 BTU/hr)	Storage	1 TB SATA

Part number	Graphics card	Display connections	Max capacity
SVW-504E-R2-S2000-I9**	1x NVIDIA Quadro P2000 or P2200 or RTX A2000*	4x DisplayPort	37***

*GPU will be the listed or equivalent model based on availability from NVIDIA
**Not available in China
***Please see Workstation performance table on pg. 45 for more capacity info
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 streams 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-104E

Hardware platform	Dell OptiPlex	Memory	16 GB (2x 8GB UDIMM Non-ECC 3200 MT/s)
Processor	(1) Intel Core i7	Total Memory Slots	2x (2x populated by default)
OS drive	1x 256GB SSD	Form factor	Micro
Free Expansion slots	No available slots	NIC	(1) 1GBE RJ45
Power Supply	65W	Video output	1x HDMI 1x DisplayPort

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-104E-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)

Streamvault™

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 streams per camera.

Key Specs

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

SVA-305E-C1

Hardware platform	Dell 3260 Compact	Memory	32 GB (2x 16GB UDIMM Non-ECC 4800 MT/s)
OS drive	1x 512 GB SSD	Total Memory Slots	2x (2x populated by default)
Processor	1x Core i9-12900	Storage	N/A
Power Supply	1x 240W PSU	Form factor	Compact Tower
		Free Expansion slots	N/A

Part number	GPU	Privacy Protector streams	Security Video Analytics streams	People Counter streams
SVA-305E-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)

Only available in the Americas

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 (2x 8GB UDIMM Non-ECC 2666 MT/s)
Processor	1 x Core i9-9900K	Total Memory Slots	4x (2x populated by default)
OS drive	1x 256GB SSD	Form factor	1U
Free Expansion slots	1 FH	NIC	(1) 1GbE RJ45 (1) 10GbE RJ45
Power Supply	2 x 550w	Video output	With GPU: 4x DisplayPort 1.4 (P2000) or 4x Mini-DisplayPort (A2000)
		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-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-2030E-R6S

Hardware platform	Dell PowerEdge 350 OEM	Memory	16 GB (2x 8GB UDIMM ECC 3200 MT/s)
Processor	1 x Xeon E-2386G	Total Memory Slots	4x (2x populated by default)
OS drive	2x 480 GB SSD (RAID 1)	Form factor	1U
Free Expansion Slots	2 LP	NIC	(2) 1GbE RJ45
Power Supply	(2) 600W	Video Output	(1) VGA
		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-2030E-R6S-EMB-386G	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 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-1020E-R3	3	250 Mbps / 200 cameras	40 Mbps	10 Mbps
2000E Series				
SV-2020E (R4, R14, R26)	3 to 7	300 Mbps / 300 cameras	150 Mbps	15 Mbps
	8 to 26	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 (R26)	3 to 7	400 Mbps / 400 cameras	400 Mbps	20 Mbps
	8 to 11	500 Mbps / 500 cameras	400 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

Models	Drive count	Archiver & Directory		
		Recordings	Redirection	Playback
🟨 1000E Series				
SV-1020E-R3	3	250 Mbps / 200 cameras	40 Mbps	10 Mbps
🟨 2000E Series				
SV-2020E (R4, R14, 26)	4 to 7	200 Mbps / 200 cameras	150 Mbps	10 Mbps
	8 to 26	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 (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

Models	Drive count	Archiver with Cloud storage		
		Recordings with Upload to cloud storage	Redirection	Playback
🟨 1000E Series				
SV-1020E	3	150 Mbps / 100 cameras	40 Mbps	10 Mbps
🟨 2000E Series				
SV-2020E (R4, R14, 26)	4 to 7	150 Mbps / 150 cameras	75 Mbps	15 Mbps
	8 to 26	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 (R26)	4 to 7	400 Mbps / 200 cameras	400 Mbps	20 Mbps
	8 to 11	500 Mbps / 250 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

Workstation appliances max capacity

	HEVC		H.264	
	HD Streams (720p 30 fps)	Full HD (1080p 30 fps)	HD Streams (720p 30 fps)	Full HD (1080p 30 fps)
🟨 100E Series				
SVW-104E-M1-EMB-I7	16	8	14	8
🟨 300E Series				
SVW-305E-C1-S3000-I9	55	38	55	38
SVW-304E-SF1-S1000-I7	38	24	24	16
SVW-305E-SF1-S2000-I7	60	48	56	30
SVW-305E-T3-S2000-I7	60	48	56	30
SVW-305E-T3-S4000-I7	72	45	58	30
🟨 500E Series				
SVW-504E-T5-D2000-275	100	56	110	54
SVW-504E-T5-D4000-275	130	64	114	50
SVW-504E-R2-S2000-I9	36	27	37	29