



Security infrastructure catalog



Last modified date: [3 November 2020](#)

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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 IoT Enterprise LTSC 2019
- 3-year hardware warranty with Genetec Assurance and 1-year advance replacement

Hardware platform	OptiPlex 3070	Form factor	Micro
Processor	1x Core i3-9100T	Storage	SATA
Ethernet	1 Gb NIC	Memory	8 GB
Display outputs	1x DisplayPort 1x VGA 1x HDMI	Max capacity	32 Mbps / 16 cameras (local viewing) 100 Mbps / 25 cameras (recording only)
Power Supply	1x 65W External (max 222 BTU/hr)		

Directory and archiver models

Part number	Drives	Storage
SV-100E-1T-I3	(1) 1TB	1TB
SV-100E-2T-I3	(1) 2TB	2TB

Archiver-only models

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

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. With support for legacy CCTV cameras, you can leverage existing equipment and benefit from Security Center’s advanced capabilities.

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 IoT Enterprise LTSC 2019
- 3-year hardware warranty with Genetec Assurance and 1-year advance replacement

Hardware platform	SFF: OptiPlex 3070 T4: Precision	Expansion	SFF: 1x PCIe x16 Full Height, 1x PCIe x1 Full Height T4: 1x PCIe x16 Full Height; 2x PCIe x4 Full Height
OS drive	1x 256 GB SSD	Storage	SATA
Processor	1x Core i5-9500	Form factor	SV-300E: SFF (Small Form Factor) SV-300E-T4: 4 bay tower
Ethernet	1 Gb NIC	Memory	16 GB
Display outputs	1x DisplayPort 1x VGA 1x HDMI	Max capacity	64 Mbps / 32 cameras (local viewing) 200 Mbps / 100 cameras (recording only)
Power Supply	SFF: 1x 200W (max 683 BTU/hr) T4: 1x 460W (max 1570 BTU/hr)		

Directory and archiver models

Part number	Drives	Storage	Analog version	Analog channels
SV-300E-2T-I5	(1) 2 TB	2 TB	SV-300E-2T-I5-A08	8
SV-300E-4T-I5	(1) 4 TB	4 TB	SV-300E-4T-I5-A08	8
SV-300E-8T-I5	(1) 8 TB	8 TB	SV-300E-8T-I5-A08	8
SV-300E-12T-I5	(1) 12 TB	12 TB	SV-300E-12T-I5-A08	8
SV-300E-16T-I5	(1) 16 TB	16 TB	SV-300E-16T-I5-A08	8
SV-300E-T4-4T-4-I5	(1) 4 TB	4 TB	SV-300E-T4-4T-4-I5-A24 SV-300E-T4-4T-4-I5-A32	24 32
SV-300E-T4-8T-8-I5	(1) 8 TB	8 TB	SV-300E-T4-8T-8-I5-A08 SV-300E-T4-8T-8-I5-A16 SV-300E-T4-8T-8-I5-A24 SV-300E-T4-8T-8-I5-A32	8 16 24 32

Part number	Drives	Storage	Analog version	Analog channels
SV-300E-T4-12T-12-I5	(1) 12 TB	12 TB	SV-300E-T4-12T-12-I5-A08	8
			SV-300E-T4-12T-12-I5-A16	16
			SV-300E-T4-12T-12-I5-A24	24
			SV-300E-T4-12T-12-I5-A32	32
SV-300E-T4-16T-16-I5	(1) 16 TB	16 TB	SV-300E-T4-16T-16-I5-A08	8
			SV-300E-T4-16T-16-I5-A16	16
			SV-300E-T4-16T-16-I5-A24	24
			SV-300E-T4-16T-16-I5-A32	32
SV-300E-T4-4T-2-I5	(2) 2 TB	4 TB	SV-300E-T4-4T-2-I5-A08	8
			SV-300E-T4-4T-2-I5-A16	16
			SV-300E-T4-4T-2-I5-A24	24
			SV-300E-T4-4T-2-I5-A32	32
SV-300E-T4-8T-4-I5	(2) 4 TB	8 TB	SV-300E-T4-8T-4-I5-A08	8
			SV-300E-T4-8T-4-I5-A16	16
			SV-300E-T4-8T-4-I5-A24	24
			SV-300E-T4-8T-4-I5-A32	32
SV-300E-T4-16T-8-I5	(2) 8 TB	16 TB	SV-300E-T4-16T-8-I5-A08	8
			SV-300E-T4-16T-8-I5-A16	16
			SV-300E-T4-16T-8-I5-A24	24
			SV-300E-T4-16T-8-I5-A32	32
SV-300E-T4-24T-12-I5	(2) 12 TB	24 TB	SV-300E-T4-24T-12-I5-A08	8
			SV-300E-T4-24T-12-I5-A16	16
			SV-300E-T4-24T-12-I5-A24	24
			SV-300E-T4-24T-12-I5-A32	32
SV-300E-T4-32T-16-I5	(2) 16 TB	32 TB	SV-300E-T4-32T-16-I5-A08	8
			SV-300E-T4-32T-16-I5-A16	16
			SV-300E-T4-32T-16-I5-A24	24
			SV-300E-T4-32T-16-I5-A32	32
SV-300E-T4-12T-4-I5	(3) 4 TB	12 TB	SV-300E-T4-12T-4-I5-A08	8
			SV-300E-T4-12T-4-I5-A16	16
			SV-300E-T4-12T-4-I5-A24	24
			SV-300E-T4-12T-4-I5-A32	32
SV-300E-T4-24T-8-I5	(3) 8 TB	24 TB	SV-300E-T4-24T-8-I5-A08	8
			SV-300E-T4-24T-8-I5-A16	16
			SV-300E-T4-24T-8-I5-A24	24
			SV-300E-T4-24T-8-I5-A32	32
SV-300E-T4-36T-12-I5	(3) 12 TB	36 TB	SV-300E-T4-36T-12-I5-A08	8
			SV-300E-T4-36T-12-I5-A16	16
			SV-300E-T4-36T-12-I5-A24	24
			SV-300E-T4-36T-12-I5-A32	32

Archiver-only models

Part number	Drives	Storage	Analog version	Analog channels
SV-300E-2T-I5-ARC	(1) 2 TB	2 TB	SV-300E-2T-I5-A08	8
SV-300E-4T-I5-ARC	(1) 4 TB	4 TB	SV-300E-4T-I5-A08	8
SV-300E-8T-I5-ARC	(1) 8 TB	8 TB	SV-300E-8T-I5-A08	8
SV-300E-12T-I5-ARC	(1) 8 TB	8 TB	SV-300E-8T-I5-A08	8
SV-300E-16T-I5-ARC	(1) 8 TB	8 TB	SV-300E-8T-I5-A08	8

Part number	Drives	Storage	Analog version	Analog channels
SV-300E-T4-2T-2-I5-ARC	(1) 2 TB	2 TB	SV-300E-T4-2T-2-I5-A24-ARC	24
			SV-300E-T4-2T-2-I5-A32-ARC	32
SV-300E-T4-4T-4-I5-ARC	(1) 4 TB	4 TB	SV-300E-T4-4T-4-I5-A24-ARC	24
			SV-300E-T4-4T-4-I5-A32-ARC	32
SV-300E-T4-8T-8-I5-ARC	(1) 8 TB	8 TB	SV-300E-T4-8T-8-I5-A08-ARC	8
			SV-300E-T4-8T-8-I5-A16-ARC	16
			SV-300E-T4-8T-8-I5-A24-ARC	24
			SV-300E-T4-8T-8-I5-A32-ARC	32
SV-300E-T4-12T-12-I5-ARC	(1) 12 TB	12 TB	SV-300E-T4-12T-12-I5-A08-ARC	8
			SV-300E-T4-12T-12-I5-A16-ARC	16
			SV-300E-T4-12T-12-I5-A24-ARC	24
			SV-300E-T4-12T-12-I5-A32-ARC	32
SV-300E-T4-16T-16-I5-ARC	(1) 16 TB	16 TB	SV-300E-T4-16T-16-I5-A08-ARC	8
			SV-300E-T4-16T-16-I5-A16-ARC	16
			SV-300E-T4-16T-16-I5-A24-ARC	24
			SV-300E-T4-16T-16-I5-A32-ARC	32
SV-300E-T4-4T-2-I5-ARC	(2) 2 TB	4 TB	SV-300E-T4-4T-2-I5-A08-ARC	8
			SV-300E-T4-4T-2-I5-A16-ARC	16
			SV-300E-T4-4T-2-I5-A24-ARC	24
			SV-300E-T4-4T-2-I5-A32-ARC	32
SV-300E-T4-8T-4-I5-ARC	(2) 4 TB	8 TB	SV-300E-T4-8T-4-I5-A08-ARC	8
			SV-300E-T4-8T-4-I5-A16-ARC	16
			SV-300E-T4-8T-4-I5-A24-ARC	24
			SV-300E-T4-8T-4-I5-A32-ARC	32
SV-300E-T4-16T-8-I5-ARC	(2) 8 TB	16 TB	SV-300E-T4-16T-8-I5-A08-ARC	8
			SV-300E-T4-16T-8-I5-A16-ARC	16
			SV-300E-T4-16T-8-I5-A24-ARC	24
			SV-300E-T4-16T-8-I5-A32-ARC	32
SV-300E-T4-24T-12-I5-ARC	(2) 12 TB	24 TB	SV-300E-T4-24T-12-I5-A08-ARC	8
			SV-300E-T4-24T-12-I5-A16-ARC	16
			SV-300E-T4-24T-12-I5-A24-ARC	24
			SV-300E-T4-24T-12-I5-A32-ARC	32
SV-300E-T4-32T-16-I5-ARC	(2) 16 TB	32 TB	SV-300E-T4-32T-16-I5-A08-ARC	8
			SV-300E-T4-32T-16-I5-A16-ARC	16
			SV-300E-T4-32T-16-I5-A24-ARC	24
			SV-300E-T4-32T-16-I5-A32	32
SV-300E-T4-12T-4-I5-ARC	(3) 4 TB	12 TB	SV-300E-T4-12T-4-I5-A08-ARC	8
			SV-300E-T4-12T-4-I5-A16-ARC	16
			SV-300E-T4-12T-4-I5-A24-ARC	24
			SV-300E-T4-12T-4-I5-A32-ARC	32
SV-300E-T4-24T-8-I5-ARC	(3) 8 TB	24 TB	SV-300E-T4-24T-8-I5-A08-ARC	8
			SV-300E-T4-24T-8-I5-A16-ARC	16
			SV-300E-T4-24T-8-I5-A24-ARC	24
			SV-300E-T4-24T-8-I5-A32-ARC	32
SV-300E-T4-36T-12-I5-ARC	(3) 12 TB	36 TB	SV-300E-T4-36T-12-I5-A08-ARC	8
			SV-300E-T4-36T-12-I5-A16-ARC	16
			SV-300E-T4-36T-12-I5-A24-ARC	24
			SV-300E-T4-36T-12-I5-A32-ARC	32
SV-300E-T4-48T-16-I5-ARC	(3) 16 TB	48 TB	SV-300E-T4-48T-16-I5-A08-ARC	8
			SV-300E-T4-48T-16-I5-A16-ARC	16
			SV-300E-T4-48T-16-I5-A24-ARC	24
			SV-300E-T4-48T-16-I5-A32-ARC	32

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 RAID5 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 IoT Enterprise LTSC 2019
- 3-year hardware warranty with Genetec Assurance and 1-year advance replacement

Hardware platform	Dell PowerEdge T140	Expansion	2x PCIe x8 Full Height, 1x PCIe x1 Full Height
OS drive	1x 200 GB SSD	Form factor	Small
Processor	1x Xeon E-2226G	Storage	SATA RAID5
Ethernet	2x 1 Gb NIC	Memory	16 GB
Display outputs	1x VGA	Max capacity	100 Mbps / 50 cameras (local viewing) 200 Mbps / 100 cameras (recording only)
Power Supply	1x 365W (max 989 BTU/hr)		

Directory and archiver models

Part number	Drives	Storage	Usable Capacity	Archiver Version
SV-350E-TR4-24T-8-226G	(3) 8 TB	24 TB	14.56 TB	SV-350E-TR4-24T-8-226G-ARC
SV-350E-TR4-36T-12-226G	(3) 12 TB	36 TB	21.84 TB	SV-350E-TR4-36T-12-226G-ARC
SV-350E-TR4-48T-16-226G	(3) 16 TB	48 TB	29.09 TB	SV-350E-TR4-48T-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-PCORD-NA SV-300E-PCORD-NA	100E, 300E	North American power cord	Power
SV-100E-PCORD-AU SV-300E-PCORD-AU	100E, 300E	Australian power cord	Power
SV-100E-PCORD-EU SV-300E-PCORD-EU	100E, 300E	European power cord	Power
SV-100E-PCORD-UK SV-300E-PCORD-UK	100E, 300E	UK power cord	Power
SV-100E-USB-NIC	100E	USB to Ethernet adapter, for deployments requiring a second Ethernet card.	Networking
SV-300E-ACC-1G-NIC-S	300E	Network Adapter- Gigabit Ethernet for use with SV-300E (SFF) or T4 models	Networking
SV-300E-T4-ACC-16GB-UP	300E-T4	Upgrade to 32GB RAM total for T4 Models	RAM
SV-300E-ACC-16GB-UP	300E SFF	Upgrade to 32GB RAM total for SFF Models	RAM
SV-300E-ACC-8PORT-CHL	300E	8-Channel Stretch Card to encode analog video input channels (maximum 32 channels or 2 cards per appliance). Requires a DVI breakout adapter cable (DVI /BNC interface cable), included with each bundle unit	Expansion
	300E	16-Channel Stretch Card to encode analog video input channels (maximum 32 channels or 2 cards per appliance). Requires a DVI breakout adapter cable (DVI /BNC interface cable), included with each bundle unit	Expansion
SV-300E -ACC-16PORT-CHL	300E	Low profile card for alarm and trigger support. A total of 8 alarm inputs and 4 output triggers are supported per card. A serial output port (RS485) or PTZ cameras	Expansion
SV-300E-ACC-ALARM-CARD			
SV-ACC-DP-DVI SV-ACC-DP-HDMI SV-ACC-DP-VGA	100E, 300E	DisplayPort Adapters. Converts a DisplayPort video plug to either DVI, HDMI or VGA, to connect to wider variety of displays	Adapters
SV-100E-VESA-ADPT	100E	VESA mounting bracket for SV-100E. Can be used to mount the unit behind your display monitor or on the wall	Mounting

Part number	Compatible with	Description	Type
SV-100E-VESA-DUAL	100E	VESA dual mounting bracket for SV-100E. Can be used to mount the unit between a monitor and a stand	Mounting
SV-300E-ACC-RACKMOUNTBRACKET	300E	Rack mount kit for SV-300E (SFF). Needed to mount the unit in a 19" rack cabinet	Mounting
SV-300E-T4-ACC-RACKMOUNT BRACKET	300E-T4	Rack mount kit for SV-300E (T4). Needed to mount the unit in a 19" rack cabinet	Mounting
SV-ACC-AIO-E-WTY-2Y-KYD	100E, 300E	Hardware warranty upgrade – 2 additional years (total of 5 years) and keep your drive	Warranty

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 10 IoT Enterprise LTSC 2019
- Up to 5-year hardware warranty with next-business day on-site service and Genetec Assurance.¹

Models	Drive count	Archiver-only	Archiver & Directory
1000E Series			
SV-1000E	1 to 2	200 Mbps / 100 cameras	150 Mbps / 75 cameras
SV-1000E	3 to 6 (RAID5)	300 Mbps / 200 cameras	200 Mbps / 100 cameras

Multipurpose appliances

SV-1011E-R2-D256

OS drive	2x 256 GB SSD (RAID1) or better	Memory	16 GB
Form Factor	1U	CPU	Single
Ethernet	2x 1 Gb NIC	Power Supply	1x 550W (max 1039 BTU/hr)

Part number	Chassis	Processor
SV-1011E-R2-D256-224	Dell Precision 3930 Rack	Xeon E-2224G

SV-1011E-R8-D256

OS drive	2x 256 GB SSD (RAID1) or better	Memory	16 GB
Form Factor	2U	CPU	Single
Ethernet	4x 1 Gb NIC	Power Supply	2x 1100W (max 4100 BTU/hr)

Part number	Chassis	Processor
SV-1011E-R8-D256-208	Dell Precision 7920 Rack	Xeon Silver 4208

Storage appliances

1U Models

SV-1011E-R2

Hardware platform	Dell Precision 3930 Rack
OS drive	1x 256 GB SSD
Power Supply	1x 550W (max 1039 BTU/hr)
Expansion slots:	2x PCIe slots
Number of bays	2

SV-1011E-R2-224

Processor	Xeon E-2224
Memory	16 GB
CPU	Single
Ethernet	(2) 1 GbE NIC
Storage	SATA (no RAID)
Max capacity*	200 Mbps / 100 cameras (Recording: 120 Mbps; Playback: 5 Mbps; Redirection: 75 Mbps)

** 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 (no RAID)	Drives	Raw storage
SV-1011E-R2-4T-4-224	(1) 4 TB	4 TB
SV-1011E-R2-8T-4-224	(2) 4 TB	8 TB
SV-1011E-R2-8T-8-224	(1) 8 TB	8 TB
SV-1011E-R2-16T-8-224	(2) 8 TB	16 TB
SV-1011E-R2-12T-12-224	(1) 12 TB	12 TB
SV-1011E-R2-24T-12-224	(2) 12 TB	24 TB
SV-1011E-R2-16T-16-224	(1) 16 TB	16 TB
SV-1011E-R2-32T-16-224	(2) 16 TB	32 TB

Storage appliances

2U Models

SV-1011E-R8

Hardware platform	Dell Precision 7920 Rack	Number of bays	8 (6 archive drives)
OS drive	2x 256 GB SSD (RAID1)	Storage	SATA RAID5 (3 to 6 drives)
Power Supply	2x 1100W (max 4100 BTU/hr)	Memory	16 GB
Processor	Xeon Silver 4208	CPU	Single
Ethernet	4x 1 Gb NIC	Max capacity*	570 Mbps / 400 cameras (Recording: 400 Mbps; Playback: 20 Mbps; Redirection: 150 Mbps)

** 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-1011E-R8-12T-4-208	(3) 4 TB	12 TB	7.27 TB
SV-1011E-R8-16T-4-208	(4) 4 TB	16 TB	10.91 TB
SV-1011E-R8-20T-4-208	(5) 4 TB	20 TB	14.55 TB
SV-1011E-R8-24T-4-208	(6) 4 TB	24 TB	18.18 TB
SV-1011E-R8-24T-8-208	(3) 8 TB	24 TB	14.55 TB
SV-1011E-R8-32T-8-208	(4) 8 TB	32 TB	21.83 TB
SV-1011E-R8-40T-8-208	(5) 8 TB	40 TB	29.10 TB
SV-1011E-R8-48T-8-208	(6) 8 TB	48 TB	36.38 TB
SV-1011E-R8-36T-12-208	(3) 12 TB	36 TB	21.82 TB
SV-1011E-R8-48T-12-208	(4) 12 TB	48 TB	32.73 TB
SV-1011E-R8-60T-12-208	(5) 12 TB	60 TB	43.64 TB
SV-1011E-R8-72T-12-208	(6) 12 TB	72 TB	54.55 TB
SV-1011E-R8-48T-16-208	(3) 16 TB	48 TB	29.09 TB
SV-1011E-R8-64T-16-208	(4) 16 TB	64 TB	43.64 TB
SV-1011E-R8-80T-16-208	(5) 16 TB	80 TB	58.19 TB
SV-1011E-R8-96T-16-208	(6) 16 TB	96 TB	72.73 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 2,220 Mbps throughput
- Up to 2,000 readers
- Up to 416 TB Enterprise SATA storage
- Windows Server IoT 2019
- 5-year hardware warranty with next-business day on-site service and Genetec Assurance..

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
SV-2000EX	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

SV-2011E-R4-D240

Hardware platform	Dell PowerEdge R340	Form factor	1U
OS drive	2x 240 GB SSD or better (RAID1)	Memory	16 GB
Processor	Xeon E-2236	CPU	Single
Ethernet	(2) 1 GbE NIC	Power Supply	2x 350 W (max 1340 BTU/hr)

Part number	Raw storage	Usable storage
SV-2011E-R4-D240-236	480 GB	240GB

Storage appliances

1U Models

SV-2011E-R4

Hardware platform	Dell PowerEdge R340	Number of bays	4
OS drive	2x 240 GB SSD (RAID 1)	Memory	16 GB
Processor	Xeon E-2236	Power supply	2x 350W (max 1340 BTU/hr)
Ethernet	2x 1 GbE NIC	Storage	SATA RAID5 (3 to 4 drives) RAID6 available with 4 drives
Expansion slots	1x PCIe x8 full height	Max capacity*	520 Mbps / 275 cameras (Recording: 350 Mbps; Playback: 20 Mbps; Redirection: 150 Mbps)

* 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-2011E-R4-12T-4-236	(3) 4 TB	12 TB	7.30 TB
SV-2011E-R4-16T-4-236	(4) 4 TB	16 TB	10.91 TB
SV-2011E-R4-24T-8-236	(3) 8 TB	24 TB	14.55 TB
SV-2011E-R4-32T-8-236	(4) 8 TB	32 TB	21.83 TB
SV-2011E-R4-36T-12-236	(3) 12 TB	36 TB	21.83 TB
SV-2011E-R4-48T-12-236	(4) 12 TB	48 TB	32.76 TB
SV-2011E-R4-48T-16-236	(3) 16 TB	48 TB	29.09 TB
SV-2011E-R4-64T-16-236	(4) 16 TB	64 TB	43.64 TB

Storage appliances

2U Models

SV-2011E(X)-R14

Hardware platform	Dell PowerEdge R540
OS drive	2x 240 GB SSD (RAID1)
Storage	SATA RAID5 (3 to 8 drives) SATA RAID6 (Greater than 8 drives) (RAID10 available as an option)
Power supply	2x 1100W (max 4100 BTU/hr)
Number of bays	14

SV-2011E-R14

SV-2011EX-R14

Processor	Xeon Silver 4210
Memory	16 GB
CPU	Single
Ethernet	2x 1 GbE NIC
Expansion slots	1x LOM Mezz slot
Max capacity*	670 Mbps / 500 cameras (Recording: 500 Mbps; Playback: 20 Mbps; Redirection: 150 Mbps)

Processor	2 x Xeon Silver 4210
Memory	32 GB
CPU	Dual
Ethernet	2x 1GbE NIC; 2x 10 GbE NIC
Expansion slots	0x
Max capacity*	1,760 Mbps / 700 cameras (Recording: 1,300 Mbps; Playback: 60 Mbps; Redirection: 400 Mbps)

* 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 (E)	Drives	Raw storage	Usable storage	Part number (EX)
SV-2011E-R14-12T-4-210	(3) 4 TB	12 TB	7.28 TB	SV-2011EX-R14-12T-4-210
SV-2011E-R14-16T-4-210	(4) 4 TB	16 TB	10.92 TB	SV-2011EX-R14-16T-4-210
SV-2011E-R14-20T-4-210	(5) 4 TB	20 TB	14.55 TB	SV-2011EX-R14-20T-4-210
SV-2011E-R14-24T-4-210	(6) 4 TB	24 TB	18.19 TB	SV-2011EX-R14-24T-4-210
SV-2011E-R14-28T-4-210	(7) 4 TB	28 TB	21.83 TB	SV-2011EX-R14-28T-4-210
SV-2011E-R14-32T-4-210	(8) 4 TB	32 TB	25.47 TB	SV-2011EX-R14-32T-4-210
SV-2011E-R14-36T-4-210	(9) 4 TB	36 TB	25.47 TB	SV-2011EX-R14-36T-4-210
SV-2011E-R14-40T-4-210	(10) 4 TB	40 TB	29.11 TB	SV-2011EX-R14-40T-4-210
SV-2011E-R14-44T-4-210	(11) 4 TB	44 TB	32.74 TB	SV-2011EX-R14-44T-4-210
SV-2011E-R14-48T-4-210	(12) 4 TB	48 TB	36.38 TB	SV-2011EX-R14-48T-4-210
SV-2011E-R14-52T-4-210	(13) 4 TB	52 TB	40.02 TB	SV-2011EX-R14-52T-4-210
SV-2011E-R14-56T-4-210	(14) 4 TB	56 TB	43.66 TB	SV-2011EX-R14-56T-4-210

Part number (E)	Drives	Raw storage	Usable storage	Part number (EX)
SV-2011E-R14-24T-8-210	(3) 8 TB	24 TB	14.55 TB	SV-2011EX-R14-24T-8-210
SV-2011E-R14-32T-8-210	(4) 8 TB	32 TB	21.83 TB	SV-2011EX-R14-32T-8-210
SV-2011E-R14-40T-8-210	(5) 8 TB	40 TB	29.10 TB	SV-2011EX-R14-40T-8-210
SV-2011E-R14-48T-8-210	(6) 8 TB	48 TB	36.38 TB	SV-2011EX-R14-48T-8-210
SV-2011E-R14-56T-8-210	(7) 8 TB	56 TB	43.66 TB	SV-2011EX-R14-56T-8-210
SV-2011E-R14-64T-8-210	(8) 8 TB	64 TB	50.93 TB	SV-2011EX-R14-64T-8-210
SV-2011E-R14-72T-8-210	(9) 8 TB	72 TB	50.93 TB	SV-2011EX-R14-72T-8-210
SV-2011E-R14-80T-8-210	(10) 8 TB	80 TB	58.21 TB	SV-2011EX-R14-80T-8-210
SV-2011E-R14-88T-8-210	(11) 8 TB	88 TB	65.48 TB	SV-2011EX-R14-88T-8-210
SV-2011E-R14-96T-8-210	(12) 8 TB	96 TB	72.76 TB	SV-2011EX-R14-96T-8-210
SV-2011E-R14-104T-8-210	(13) 8 TB	104 TB	80.04 TB	SV-2011EX-R14-104T-8-210
SV-2011E-R14-112T-8-210	(14) 8 TB	112 TB	87.31 TB	SV-2011EX-R14-112T-8-210
SV-2011E-R14-36T-12-210	(3) 12 TB	36 TB	21.82 TB	SV-2011EX-R14-36T-12-210
SV-2011E-R14-48T-12-210	(4) 12 TB	48 TB	32.73 TB	SV-2011EX-R14-48T-12-210
SV-2011E-R14-60T-12-210	(5) 12 TB	60 TB	43.64 TB	SV-2011EX-R14-60T-12-210
SV-2011E-R14-72T-12-210	(6) 12 TB	72 TB	54.55 TB	SV-2011EX-R14-72T-12-210
SV-2011E-R14-84T-12-210	(7) 12 TB	84 TB	65.46 TB	SV-2011EX-R14-84T-12-210
SV-2011E-R14-96T-12-210	(8) 12 TB	96 TB	76.37 TB	SV-2011EX-R14-96T-12-210
SV-2011E-R14-108T-12-210	(9) 12 TB	108 TB	76.37 TB	SV-2011EX-R14-108T-12-210
SV-2011E-R14-120T-12-210	(10) 12 TB	120 TB	87.28 TB	SV-2011EX-R14-120T-12-210
SV-2011E-R14-132T-12-210	(11) 12 TB	132 TB	98.19 TB	SV-2011EX-R14-132T-12-210
SV-2011E-R14-144T-12-210	(12) 12 TB	144 TB	109.10 TB	SV-2011EX-R14-144T-12-210
SV-2011E-R14-156T-12-210	(13) 12 TB	156 TB	120.01 TB	SV-2011EX-R14-156T-12-210
SV-2011E-R14-168T-12-210	(14) 12 TB	168 TB	130.92 TB	SV-2011EX-R14-168T-12-210
SV-2011E-R14-48T-16-210	(3) 16 TB	48 TB	29.10 TB	SV-2011EX-R14-48T-16-210
SV-2011E-R14-64T-16-210	(4) 16 TB	64 TB	43.66 TB	SV-2011EX-R14-64T-16-210
SV-2011E-R14-80T-16-210	(5) 16 TB	80 TB	58.20 TB	SV-2011EX-R14-80T-16-210
SV-2011E-R14-96T-16-210	(6) 16 TB	96 TB	72.76 TB	SV-2011EX-R14-96T-16-210
SV-2011E-R14-112T-16-210	(7) 16 TB	112 TB	87.32 TB	SV-2011EX-R14-112T-16-210
SV-2011E-R14-128T-16-210	(8) 16 TB	128 TB	101.86 TB	SV-2011EX-R14-128T-16-210
SV-2011E-R14-144T-16-210	(9) 16 TB	144 TB	101.86 TB	SV-2011EX-R14-144T-16-210
SV-2011E-R14-160T-16-210	(10) 16 TB	160 TB	116.42 TB	SV-2011EX-R14-160T-16-210
SV-2011E-R14-176T-16-210	(11) 16 TB	176 TB	130.96 TB	SV-2011EX-R14-176T-16-210
SV-2011E-R14-192T-16-210	(12) 16 TB	192 TB	145.52 TB	SV-2011EX-R14-192T-16-210
SV-2011E-R14-208T-16-210	(13) 16 TB	208 TB	160.08 TB	SV-2011EX-R14-208T-16-210
SV-2011E-R14-224T-16-210	(14) 16 TB	224 TB	174.62 TB	SV-2011EX-R14-224T-16-210

SV-2011E(X)-R18

Hardware platform	Dell PowerEdge R740xd
OS drive	2x 240 GB SSD (RAID1)
Storage	SATA RAID6 (RAID10 available as an option)
Power Supplies	2x 1100W (max 4100 BTU/hr)
Number of bays	18

SV-2011E-R18

SV-2011EX-R18

Processor	Xeon Silver 4216
Memory	16 GB
CPU	Single
Ethernet	4x 1Gb NIC
Expansion slots	2x PCIe x16 full height
Max capacity*	670 Mbps / 500 cameras (Recording: 500 Mbps; Playback: 20 Mbps; Redirection: 150 Mbps)

Processor	2 x Xeon Silver 4216
Memory	32 GB
CPU	Dual
Ethernet	4x 1GbE NIC; 2x 10 Gb NIC
Expansion slots	1x PCIe x16 full height
Max capacity*	2,220 Mbps / 850 cameras (Recording: 1,350 Mbps; Playback: 70 Mbps; Redirection: 800 Mbps)

* 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	Part number (EX)
SV-2011E-R18-40T-4-216	(10) 4 TB	29.11 TB	58.21 TB	SV-2011EX-R18-40T-4-216
SV-2011E-R18-44T-4-216	(11) 4 TB	32.74 TB	65.48 TB	SV-2011EX-R18-44T-4-216
SV-2011E-R18-48T-4-216	(12) 4 TB	36.38 TB	72.76 TB	SV-2011EX-R18-48T-4-216
SV-2011E-R18-52T-4-216	(13) 4 TB	40.02 TB	80.04 TB	SV-2011EX-R18-52T-4-216
SV-2011E-R18-56T-4-216	(14) 4 TB	43.66 TB	87.31 TB	SV-2011EX-R18-56T-4-216
SV-2011E-R18-60T-4-216	(15) 4 TB	47.30 TB	94.59 TB	SV-2011EX-R18-60T-4-216
SV-2011E-R18-64T-4-216	(16) 4 TB	50.93 TB	101.86 TB	SV-2011EX-R18-64T-4-216
SV-2011E-R18-68T-4-216	(17) 4 TB	54.57 TB	109.14 TB	SV-2011EX-R18-68T-4-216
SV-2011E-R18-72T-4-216	(18) 4 TB	58.21 TB	116.42 TB	SV-2011EX-R18-72T-4-216
SV-2011E-R18-80T-8-216	(10) 8 TB	80 TB	58.21 TB	SV-2011EX-R18-80T-8-216
SV-2011E-R18-88T-8-216	(11) 8 TB	88 TB	65.48 TB	SV-2011EX-R18-88T-8-216
SV-2011E-R18-96T-8-216	(12) 8 TB	96 TB	72.76 TB	SV-2011EX-R18-96T-8-216
SV-2011E-R18-104T-8-216	(13) 8 TB	104 TB	80.04 TB	SV-2011EX-R18-104T-8-216
SV-2011E-R18-112T-8-216	(14) 8 TB	112 TB	87.31 TB	SV-2011EX-R18-112T-8-216
SV-2011E-R18-120T-8-216	(15) 8 TB	120 TB	94.59 TB	SV-2011EX-R18-120T-8-216
SV-2011E-R18-128T-8-216	(16) 8 TB	128 TB	101.86 TB	SV-2011EX-R18-128T-8-216
SV-2011E-R18-136T-8-216	(17) 8 TB	136 TB	109.14 TB	SV-2011EX-R18-136T-8-216

Part number (E)	Drives	Raw storage	Usable storage	Part number (EX)
SV-2011E-R18-144T-8-216	(18) 8TB	144 TB	116.42 TB	SV-2011EX-R18-144T-8-216
SV-2011E-R18-120T-12-216	(10) 12 TB	120 TB	87.28 TB	SV-2011EX-R18-120T-12-216
SV-2011E-R18-132T-12-216	(11) 12 TB	132 TB	98.19 TB	SV-2011EX-R18-132T-12-216
SV-2011E-R18-144T-12-216	(12) 12 TB	144 TB	109.10 TB	SV-2011EX-R18-144T-12-216
SV-2011E-R18-156T-12-216	(13) 12 TB	156 TB	120.01 TB	SV-2011EX-R18-156T-12-216
SV-2011E-R18-168T-12-216	(14) 12 TB	168 TB	130.92 TB	SV-2011EX-R18-168T-12-216
SV-2011E-R18-180T-12-216	(15) 12 TB	180 TB	141.83 TB	SV-2011EX-R18-180T-12-216
SV-2011E-R18-192T-12-216	(16) 12 TB	192 TB	152.74 TB	SV-2011EX-R18-192T-12-216
SV-2011E-R18-204T-12-216	(17) 12 TB	204 TB	163.65 TB	SV-2011EX-R18-204T-12-216
SV-2011E-R18-216T-12-216	(18) 12 TB	216 TB	174.56 TB	SV-2011EX-R18-216T-12-216
SV-2011E-R18-160T-16-216	(10) 16 TB	160 TB	116.42 TB	SV-2011EX-R18-160T-16-216
SV-2011E-R18-176T-16-216	(11) 16 TB	176 TB	130.96 TB	SV-2011EX-R18-176T-16-216
SV-2011E-R18-192T-16-216	(12) 16 TB	192 TB	145.52 TB	SV-2011EX-R18-192T-16-216
SV-2011E-R18-208T-16-216	(13) 16 TB	208 TB	160.08 TB	SV-2011EX-R18-208T-16-216
SV-2011E-R18-224T-16-216	(14) 16 TB	224 TB	174.62 TB	SV-2011EX-R18-224T-16-216
SV-2011E-R18-240T-16-216	(15) 16 TB	240 TB	189.18 TB	SV-2011EX-R18-240T-16-216
SV-2011E-R18-256T-16-216	(16) 16 TB	256 TB	203.72 TB	SV-2011EX-R18-256T-16-216
SV-2011E-R18-272T-16-216	(17) 16 TB	272 TB	218.28 TB	SV-2011EX-R18-272T-16-216
SV-2011E-R18-288T-16-216	(18) 16 TB	288 TB	232.84 TB	SV-2011EX-R18-288T-16-216

SV-2011E(X)-R26

Hardware platform	Dell PowerEdge R740xd2
OS drive	2x 240 GB SSD (RAID1)
Storage	SATA RAID6 (RAID10 available as an option)
Power Supplies	2x 1100W (max 4100 BTU/hr)
Number of bays	26

SV-2011EX-R26

Processor	2 x Xeon Silver 4216
Memory	32 GB
CPU	Dual
Ethernet	4x 1GbE NIC; 2x 10 Gb NIC
Expansion slots	1x PCIe x16 low profile
Max capacity*	2,220 Mbps / 850 cameras (Recording: 1,350 Mbps; Playback: 70 Mbps; Redirection: 800 Mbps)

* 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-2011EX-R26-128T-8-216	(16) 8 TB	128 TB	101.81 TB
SV-2011EX-R26-136T-8-216	(17) 8 TB	136 TB	109.08 TB
SV-2011EX-R26-144T-8-216	(18) 8TB	144 TB	116.35 TB
SV-2011EX-R26-152T-8-216	(19) 8 TB	152 TB	109.08 TB
SV-2011EX-R26-160T-8-216	(20) 8 TB	160 TB	116.35 TB
SV-2011EX-R26-168T-8-216	(21) 8 TB	168 TB	123.62 TB
SV-2011EX-R26-176T-8-216	(22) 8 TB	176 TB	130.90 TB
SV-2011EX-R26-184T-8-216	(23) 8 TB	184 TB	138.17 TB
SV-2011EX-R26-192T-8-216	(24) 8 TB	192 TB	145.44 TB
SV-2011EX-R26-200T-8-216	(25) 8 TB	200 TB	152.71 TB
SV-2011EX-R26-208T-8-216	(26) 8 TB	208 TB	159.98 TB
SV-2011EX-R26-192T-12-216	(16) 12 TB	192 TB	152.71 TB
SV-2011EX-R26-204T-12-216	(17) 12 TB	204 TB	163.62 TB
SV-2011EX-R26-216T-12-216	(18) 12 TB	216 TB	174.53 TB
SV-2011EX-R26-228T-12-216	(19) 12 TB	228 TB	163.62 TB
SV-2011EX-R26-240T-12-216	(20) 12 TB	240 TB	174.53 TB
SV-2011EX-R26-252T-12-216	(21) 12 TB	252 TB	185.44 TB

Part number (E)	Drives	Raw storage	Usable storage
SV-2011EX-R26-264T-12-216	(22) 12 TB	264 TB	196.34 TB
SV-2011EX-R26-276T-12-216	(23) 12 TB	276 TB	207.25 TB
SV-2011EX-R26-288T-12-216	(24) 12 TB	288 TB	218.16 TB
SV-2011EX-R26-300T-12-216	(25) 12 TB	300 TB	229.07 TB
SV-2011EX-R26-312T-12-216	(26) 12 TB	312 TB	239.98 TB
SV-2011EX-R26-256T-16-216	(16) 16 TB	256 TB	203.62 TB
SV-2011EX-R26-272T-16-216	(17) 16 TB	272 TB	218.16 TB
SV-2011EX-R26-288T-16-216	(18) 16 TB	288 TB	232.70 TB
SV-2011EX-R26-304T-16-216	(19) 16 TB	304 TB	218.16 TB
SV-2011EX-R26-320T-16-216	(20) 16 TB	320 TB	232.70 TB
SV-2011EX-R26-336T-16-216	(21) 16 TB	336 TB	247.25 TB
SV-2011EX-R26-352T-16-216	(22) 16 TB	352 TB	261.79 TB
SV-2011EX-R26-368T-16-216	(23) 16 TB	368 TB	276.34 TB
SV-2011EX-R26-384T-16-216	(24) 16 TB	384 TB	290.88 TB
SV-2011EX-R26-400T-16-216	(25) 16 TB	400 TB	305.42 TB
SV-2011EX-R26-416T-16-216	(26) 16 TB	416 TB	319.97 TB

Storage appliances

Tower Models

SV-2011E-T8

Hardware platform	Dell PowerEdge T340	Number of bays	8
OS drive	2x 240 GB SSD (RAID1)	Memory	16 GB
Processor	Xeon E-2236	CPU	Single
Ethernet	2x 1 Gb NIC	Storage	SATA RAID5; (RAID6 & 10 available as an option)
Expansion slots	2x PCIe x8 Full Height 1x PCIe x1 Full Height	Max capacity*	670 Mbps / 500 cameras (Recording: 500 Mbps; Playback: 20 Mbps; Redirection: 150 Mbps)

** 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-2011E-T8-24T-8-236	(3) 8 TB	24 TB	14.55 TB
SV-2011E-T8-32T-8-236	(4) 8 TB	32 TB	21.83 TB
SV-2011E-T8-40T-8-236	(5) 8 TB	40 TB	29.10 TB
SV-2011E-T8-48T-8-236	(6) 8 TB	48 TB	36.38 TB
SV-2011E-T8-56T-8-236	(7) 8 TB	56 TB	43.66 TB
SV-2011E-T8-64T-8-236	(8) 8 TB	64 TB	50.93 TB
SV-2011E-T8-36T-12-236	(3) 12 TB	36 TB	21.82 TB
SV-2011E-T8-48T-12-236	(4) 12 TB	48 TB	32.73 TB
SV-2011E-T8-60T-12-236	(5) 12 TB	60 TB	43.64 TB
SV-2011E-T8-72T-12-236	(6) 12 TB	72 TB	54.55 TB
SV-2011E-T8-84T-12-236	(7) 12 TB	84 TB	65.49 TB
SV-2011E-T8-96T-12-236	(8) 12 TB	96 TB	76.40 TB
SV-2011E-T8-48T-16-236	(3) 16 TB	48 TB	29.10 TB
SV-2011E-T8-64T-16-236	(4) 16 TB	64 TB	43.66 TB
SV-2011E-T8-80T-16-236	(5) 16 TB	80 TB	58.20 TB
SV-2011E-T8-96T-16-236	(6) 16 TB	96 TB	72.76 TB
SV-2011E-T8-112T-16-236	(7) 16 TB	112 TB	87.32 TB
SV-2011E-T8-128T-16-236	(8) 16 TB	128 TB	101.86 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 NL-SAS storage
- Windows Server IoT 2019
- Redundant power supplies
- 5-year hardware warranty with next-business day on-site service and 5-year Genetec Assurance

Models	Drive count	Archiver-only	Archiver & Directory
4000E Series			
SV-4000E	4 to 7	300 Mbps / 300 cameras	400 Mbps / 200 cameras
	8 to 18	500 Mbps / 500 cameras	400 Mbps / 200 cameras
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

SV-4011E(X)-R4-D240

Hardware platform	Dell PowerEdge R440	Processor	Xeon Silver 4210
OS drive	2x 240 GB SSD (RAID1) or better	Form factor	1U

SV-4011E-R4-D240

Processor	Xeon Silver 4210
Memory	16 GB
CPU	Single
Ethernet	4x 1 Gb NIC
Expansion	0x PCIe

SV-4011EX-R4-D240

Processor	2 x Xeon Silver 4210
Memory	32 GB
CPU	Dual
Ethernet	2x 1GbE; 2x 10 Gb NIC
Expansion	0x PCIe

Part number	Raw Storage	Usable Storage	CPU	Memory
SV-4011E-R4-D240-210	480 GB	240 GB	Single	16 GB
SV-4011EX-R4-D240-210	480 GB	240 GB	Dual	32 GB

SV-4011E-R14-D240

SV-4011EX-R14-D240

Hardware platform	Dell PowerEdge R740xd	Processor	Xeon Silver 4210
OS drive	2x 240 GB SSD (RAID1) or better	Form factor	2U

Processor	Xeon Silver 4210
Memory	16 GB
CPU	Single
Ethernet	4x 1 Gb NIC
Expansion	2x PCIe x16 Full Height

Processor	2 x Xeon Silver 4210
Memory	32 GB
CPU	Dual
Ethernet	2x 1GbE; 2x 10 Gb NIC
Expansion	1x PCIe x16 Full Height

Part number	Raw Storage	Usable Storage	CPU	Memory
SV-4011E-R14-D240-210	480GB	240GB	Single	16 GB
SV-4011EX-R14-D240-210	480GB	240GB	Dual	32 GB

Storage appliances

1U Models

SV-4011E-R4

Hardware platform	Dell PowerEdge R440	Number of bays	4
OS drive	2x 240 GB SSD (RAID1)	Memory	16 GB
Processor	Xeon Silver 4210	CPU	Single
Ethernet	2x 1 Gb NIC	Storage	NL-SAS RAID5 (3 to 4 drives) (RAID6 & 10 available as option)
Expansion slots	1x LOM Mezz slot	Max capacity*	520 Mbps / 275 cameras (Recording: 350 Mbps; Playback: 20 Mbps; Redirection: 150 Mbps)

* 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-4011E-R4-24T-8-210	(3) 8 TB	24 TB	14.55 TB

Part number	Drives	Raw storage	Usable storage
SV-4011E-R4-32T-8-210	(4) 8 TB	32 TB	21.83 TB
SV-4011E-R4-36T-12-210	(3) 12 TB	36 TB	21.82 TB
SV-4011E-R4-48T-12-210	(4) 12 TB	48 TB	32.73 TB
SV-4011E-R4-48T-16-210	(3) 16 TB	48 TB	29.10 TB
SV-4011E-R4-64T-16-210	(4) 16 TB	64 TB	43.66 TB

Storage appliances

2U Models

SV-4011E(X)-R14

Hardware platform	Dell PowerEdge R540
OS drive	2x 240 GB SSD (RAID1)
Storage	SAS RAID5 (3 to 8 drives) SAS RAID6 (Greater than 8 drives) (RAID10 available as an option)
Power supply	2x 1100W (max 4100 BTU/hr)
Number of bays	14

SV-4011E-R14

SV-4011EX-R14

Processor	Xeon Silver 4210
Memory	16 GB
CPU	Single
Ethernet	2x 1 Gb NIC
Expansion slots	1x LOM Mezz slot
Max capacity*	670 Mbps / 500 cameras (Recording: 500 Mbps; Playback: 20 Mbps; Redirection: 150 Mbps)

Processor	2 x Xeon Silver 4210
Memory	32 GB
CPU	Dual
Ethernet	2x 1GbE; 2x 10 Gb NIC
Expansion slots	0x
Max capacity*	1,760 Mbps / 700 cameras (Recording: 1,300 Mbps; Playback: 60 Mbps; Redirection: 400 Mbps)

* 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 (E)	Drives	Raw storage	Usable storage	Part number (EX)
SV-4011E-R14-24T-8-210	(3) 8 TB	24 TB	14.55 TB	SV-4011EX-R14-24T-8-210
SV-4011E-R14-32T-8-210	(4) 8 TB	32 TB	21.83 TB	SV-4011EX-R14-32T-8-210

Part number (E)	Drives	Raw storage	Usable storage	Part number (EX)
SV-4011E-R14-40T-8-210	(5) 8 TB	40 TB	29.10 TB	SV-4011EX-R14-40T-8-210
SV-4011E-R14-48T-8-210	(6) 8 TB	48 TB	36.38 TB	SV-4011EX-R14-48T-8-210
SV-4011E-R14-56T-8-210	(7) 8 TB	56 TB	43.66 TB	SV-4011EX-R14-56T-8-210
SV-4011E-R14-64T-8-210	(8) 8 TB	64 TB	50.93 TB	SV-4011EX-R14-64T-8-210
SV-4011E-R14-72T-8-210	(9) 8 TB	72 TB	50.93 TB	SV-4011EX-R14-72T-8-210
SV-4011E-R14-80T-8-210	(10) 8 TB	80 TB	58.21 TB	SV-4011EX-R14-80T-8-210
SV-4011E-R14-88T-8-210	(11) 8 TB	88 TB	65.48 TB	SV-4011EX-R14-88T-8-210
SV-4011E-R14-96T-8-210	(12) 8 TB	96 TB	72.76 TB	SV-4011EX-R14-96T-8-210
SV-4011E-R14-104T-8-210	(13) 8 TB	104 TB	80.04 TB	SV-4011EX-R14-104T-8-210
SV-4011E-R14-112T-8-210	(14) 8 TB	112 TB	87.31 TB	SV-4011EX-R14-112T-8-210
SV-4011E-R14-36T-12-210	(3) 12 TB	36 TB	21.82 TB	SV-4011EX-R14-36T-12-210
SV-4011E-R14-48T-12-210	(4) 12 TB	48 TB	32.73 TB	SV-4011EX-R14-48T-12-210
SV-4011E-R14-60T-12-210	(5) 12 TB	60 TB	43.64 TB	SV-4011EX-R14-60T-12-210
SV-4011E-R14-72T-12-210	(6) 12 TB	72 TB	54.55 TB	SV-4011EX-R14-72T-12-210
SV-4011E-R14-84T-12-210	(7) 12 TB	84 TB	65.46 TB	SV-4011EX-R14-84T-12-210
SV-4011E-R14-96T-12-210	(8) 12 TB	96 TB	76.37 TB	SV-4011EX-R14-96T-12-210
SV-4011E-R14-108T-12-210	(9) 12 TB	108 TB	76.37 TB	SV-4011EX-R14-108T-12-210
SV-4011E-R14-120T-12-210	(10) 12 TB	120 TB	87.28 TB	SV-4011EX-R14-120T-12-210
SV-4011E-R14-132T-12-210	(11) 12 TB	132 TB	98.19 TB	SV-4011EX-R14-132T-12-210
SV-4011E-R14-144T-12-210	(12) 12 TB	144 TB	109.10 TB	SV-4011EX-R14-144T-12-210
SV-4011E-R14-156T-12-210	(13) 12 TB	156 TB	120.01 TB	SV-4011EX-R14-156T-12-210
SV-4011E-R14-168T-12-210	(14) 12 TB	168 TB	130.92 TB	SV-4011EX-R14-168T-12-210
SV-4011E-R14-48T-16-210	(3) 16 TB	48 TB	29.10 TB	SV-4011EX-R14-48T-16-210
SV-4011E-R14-64T-16-210	(4) 16 TB	64 TB	43.66 TB	SV-4011EX-R14-64T-16-210
SV-4011E-R14-80T-16-210	(5) 16 TB	80 TB	58.20 TB	SV-4011EX-R14-80T-16-210
SV-4011E-R14-96T-16-210	(6) 16 TB	96 TB	72.76 TB	SV-4011EX-R14-96T-16-210
SV-4011E-R14-112T-16-210	(7) 16 TB	112 TB	87.32 TB	SV-4011EX-R14-112T-16-210
SV-4011E-R14-128T-16-210	(8) 16 TB	128 TB	101.86 TB	SV-4011EX-R14-128T-16-210
SV-4011E-R14-144T-16-210	(9) 16 TB	144 TB	101.86 TB	SV-4011EX-R14-144T-16-210
SV-4011E-R14-160T-16-210	(10) 16 TB	160 TB	116.42 TB	SV-4011EX-R14-160T-16-210
SV-4011E-R14-176T-16-210	(11) 16 TB	176 TB	130.96 TB	SV-4011EX-R14-176T-16-210
SV-4011E-R14-192T-16-210	(12) 16 TB	192 TB	145.52 TB	SV-4011EX-R14-192T-16-210
SV-4011E-R14-208T-16-210	(13) 16 TB	208 TB	160.08 TB	SV-4011EX-R14-208T-16-210
SV-4011E-R14-224T-16-210	(14) 16 TB	224 TB	174.62 TB	SV-4011EX-R14-224T-16-210

SV-4011E(X)-R18

Hardware platform	Dell PowerEdge R740xd
OS drive	2x 240 GB SSD (RAID1) or better
Storage	NL-SAS RAID6 (RAID10 available as an option)
Power supply	2x 1100W (max 4100 BTU/hr)
Number of bays	18

SV-4011E-R18

SV-4011EX-R18

Processor	Xeon Silver 4216
Memory	16 GB
CPU	Single
Ethernet	4x 1 Gb NIC
Expansion slots	2x PCIe x16 full height
Max capacity*	670 Mbps / 500 cameras (Recording: 500 Mbps; Playback: 20 Mbps; Redirection: 150 Mbps)

Processor	2 x Xeon Silver 4216
Memory	32 GB
CPU	Dual
Ethernet	2x 1GbE; 2x 10 Gb NIC
Expansion slots	1x PCIe x16 full height
Max capacity*	2,220 Mbps / 850 cameras (Recording: 1,350 Mbps; Playback: 70 Mbps; Redirection: 800 Mbps)

* 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	Part number (EX)
SV-4011E-R18-80T-8-216	(10) 8 TB	80 TB	58.21 TB	SV-4011EX-R18-80T-8-216
SV-4011E-R18-88T-8-216	(11) 8 TB	88 TB	65.48 TB	SV-4011EX-R18-88T-8-216
SV-4011E-R18-96T-8-216	(12) 8 TB	96 TB	72.76 TB	SV-4011EX-R18-96T-8-216
SV-4011E-R18-104T-8-216	(13) 8 TB	104 TB	80.04 TB	SV-4011EX-R18-104T-8-216
SV-4011E-R18-112T-8-216	(14) 8 TB	112 TB	87.31 TB	SV-4011EX-R18-112T-8-216
SV-4011E-R18-120T-8-216	(15) 8 TB	120 TB	94.59 TB	SV-4011EX-R18-120T-8-216
SV-4011E-R18-128T-8-216	(16) 8 TB	128 TB	101.86 TB	SV-4011EX-R18-128T-8-216
SV-4011E-R18-136T-8-216	(17) 8 TB	136 TB	109.14 TB	SV-4011EX-R18-136T-8-216
SV-4011E-R18-144T-8-216	(18) 8 TB	144 TB	116.42 TB	SV-4011EX-R18-144T-8-216
SV-4011E-R18-120T-12-216	(10) 12 TB	120 TB	87.28 TB	SV-4011EX-R18-120T-12-216
SV-4011E-R18-132T-12-216	(11) 12 TB	132 TB	98.19 TB	SV-4011EX-R18-132T-12-216
SV-4011E-R18-144T-12-216	(12) 12 TB	144 TB	109.10 TB	SV-4011EX-R18-144T-12-216
SV-4011E-R18-156T-12-216	(13) 12 TB	156 TB	120.01 TB	SV-4011EX-R18-156T-12-216
SV-4011E-R18-168T-12-216	(14) 12 TB	168 TB	130.92 TB	SV-4011EX-R18-168T-12-216
SV-4011E-R18-180T-12-216	(15) 12 TB	180 TB	141.83 TB	SV-4011EX-R18-180T-12-216
SV-4011E-R18-192T-12-216	(16) 12 TB	192 TB	152.74 TB	SV-4011EX-R18-192T-12-216

Part number (E)	Drives	Raw storage	Usable storage	Part number (EX)
SV-4011E-R18-204T-12-216	(17) 12 TB	204 TB	163.65 TB	SV-4011EX-R18-204T-12-216
SV-4011E-R18-216T-12-216	(18) 12 TB	216 TB	174.56 TB	SV-4011EX-R18-216T-12-216
SV-4011E-R18-160T-16-216	(10) 16 TB	160 TB	116.42 TB	SV-4011EX-R18-160T-16-216
SV-4011E-R18-176T-16-216	(11) 16 TB	176 TB	130.96 TB	SV-4011EX-R18-176T-16-216
SV-4011E-R18-192T-16-216	(12) 16 TB	192 TB	145.52 TB	SV-4011EX-R18-192T-16-216
SV-4011E-R18-208T-16-216	(13) 16 TB	208 TB	160.08 TB	SV-4011EX-R18-208T-16-216
SV-4011E-R18-224T-16-216	(14) 16 TB	224 TB	174.62 TB	SV-4011EX-R18-224T-16-216
SV-4011E-R18-240T-16-216	(15) 16 TB	240 TB	189.18 TB	SV-4011EX-R18-240T-16-216
SV-4011E-R18-256T-16-216	(16) 16 TB	256 TB	203.72 TB	SV-4011EX-R18-256T-16-216
SV-4011E-R18-272T-16-216	(17) 16 TB	272 TB	218.28 TB	SV-4011EX-R18-272T-16-216
SV-4011E-R18-288T-16-216	(18) 16 TB	288 TB	232.84 TB	SV-4011EX-R18-288T-16-216

SV-4011E(X)-R26

Hardware platform	Dell PowerEdge R740xd2
OS drive	2x 240 GB SSD (RAID1) or better
Storage	NL-SAS RAID6 (RAID10 available as an option)
Power Supplies	2x 1100W (max 4100 BTU/hr)
Number of bays	26

SV-4011EX-R26

Processor	2 x Xeon Silver 4216
Memory	32 GB
CPU	Dual
Ethernet	4x 1GbE NIC; 2x 10 Gb NIC
Expansion slots	1x PCIe x16 low profile
Max capacity*	2,220 Mbps / 850 cameras (Recording: 1,350 Mbps; Playback: 70 Mbps; Redirection: 800 Mbps)

* 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-4011EX-R26-128T-8-216	(16) 8 TB	128 TB	101.81 TB
SV-4011EX-R26-136T-8-216	(17) 8 TB	136 TB	109.08 TB
SV-4011EX-R26-144T-8-216	(18) 8TB	144 TB	116.35 TB
SV-4011EX-R26-152T-8-216	(19) 8 TB	152 TB	109.08 TB
SV-4011EX-R26-160T-8-216	(20) 8 TB	160 TB	116.35 TB
SV-4011EX-R26-168T-8-216	(21) 8 TB	168 TB	123.62 TB
SV-4011EX-R26-176T-8-216	(22) 8 TB	176 TB	130.90 TB
SV-4011EX-R26-184T-8-216	(23) 8 TB	184 TB	138.17 TB
SV-4011EX-R26-192T-8-216	(24) 8 TB	192 TB	145.44 TB
SV-4011EX-R26-200T-8-216	(25) 8 TB	200 TB	152.71 TB
SV-4011EX-R26-208T-8-216	(26) 8 TB	208 TB	159.98 TB
SV-4011EX-R26-192T-12-216	(16) 12 TB	192 TB	152.71 TB
SV-4011EX-R26-204T-12-216	(17) 12 TB	204 TB	163.62 TB
SV-4011EX-R26-216T-12-216	(18) 12 TB	216 TB	174.53 TB
SV-4011EX-R26-228T-12-216	(19) 12 TB	228 TB	163.62 TB
SV-4011EX-R26-240T-12-216	(20) 12 TB	240 TB	174.53 TB
SV-4011EX-R26-252T-12-216	(21) 12 TB	252 TB	185.44 TB

Part number (E)	Drives	Raw storage	Usable storage
SV-4011EX-R26-264T-12-216	(22) 12 TB	264 TB	196.34 TB
SV-4011EX-R26-276T-12-216	(23) 12 TB	276 TB	207.25 TB
SV-4011EX-R26-288T-12-216	(24) 12 TB	288 TB	218.16 TB
SV-4011EX-R26-300T-12-216	(25) 12 TB	300 TB	229.07 TB
SV-4011EX-R26-312T-12-216	(26) 12 TB	312 TB	239.98 TB
SV-4011EX-R26-256T-16-216	(16) 16 TB	256 TB	203.62 TB
SV-4011EX-R26-272T-16-216	(17) 16 TB	272 TB	218.16 TB
SV-4011EX-R26-288T-16-216	(18) 16 TB	288 TB	232.70 TB
SV-4011EX-R26-304T-16-216	(19) 16 TB	304 TB	218.16 TB
SV-4011EX-R26-320T-16-216	(20) 16 TB	320 TB	232.70 TB
SV-4011EX-R26-336T-16-216	(21) 16 TB	336 TB	247.25 TB
SV-4011EX-R26-352T-16-216	(22) 16 TB	352 TB	261.79 TB
SV-4011EX-R26-368T-16-216	(23) 16 TB	368 TB	276.34 TB
SV-4011EX-R26-384T-16-216	(24) 16 TB	384 TB	290.88 TB
SV-4011EX-R26-400T-16-216	(25) 16 TB	400 TB	305.42 TB
SV-4011EX-R26-416T-16-216	(26) 16 TB	416 TB	319.97 TB

Storage appliances

Tower Models

SV-4011E-T8

Hardware platform	Dell PowerEdge T340	Number of bays	8
OS drive	2x 240 GB SSD (RAID1) or better	Memory	16 GB
Processor	Xeon E-2236	CPU	Single
Ethernet	2x 1 Gb NIC	Storage	NL-SAS RAID5 (3 to 8 drives) NL-SAS RAID6 (Greater than 8 drives) (RAID10 available as an option)
Expansion slots	2x PCIe x8 Full Height 1x PCIe x1 Full Height	Max capacity*	670 Mbps /500 cameras (Recording: 500 Mbps; Playback: 20 Mbps; Redirection: 150 Mbps)

** 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-4011E-T8-24T-8-236	(3) 8 TB	24 TB	14.55 TB
SV-4011E-T8-32T-8-236	(4) 8 TB	32 TB	21.83 TB
SV-4011E-T8-40T-8-236	(5) 8 TB	40 TB	29.10 TB
SV-4011E-T8-48T-8-236	(6) 8 TB	48 TB	36.38 TB
SV-4011E-T8-56T-8-236	(7) 8 TB	56 TB	43.66 TB
SV-4011E-T8-64T-8-236	(8) 8 TB	64 TB	50.93 TB
SV-4011E-T8-36T-12-236	(3) 12 TB	36 TB	21.82 TB
SV-4011E-T8-48T-12-236	(4) 12 TB	48 TB	32.73 TB
SV-4011E-T8-60T-12-236	(5) 12 TB	60 TB	43.64 TB
SV-4011E-T8-72T-12-236	(6) 12 TB	72 TB	54.55 TB
SV-4011E-T8-84T-12-236	(7) 12 TB	84 TB	65.49 TB
SV-4011E-T8-96T-12-236	(8) 12 TB	96 TB	76.40 TB
SV-4011E-T8-48T-16-236	(3) 16 TB	48 TB	29.10 TB
SV-4011E-T8-64T-16-236	(4) 16 TB	64 TB	43.66 TB
SV-4011E-T8-80T-16-236	(5) 16 TB	80 TB	58.20 TB
SV-4011E-T8-96T-16-236	(6) 16 TB	96 TB	72.76 TB
SV-4011E-T8-112T-16-236	(7) 16 TB	112 TB	87.32 TB
SV-4011E-T8-128T-16-236	(8) 16 TB	128 TB	101.86 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 IoT 2019
- Redundant power supplies
- 5-year hardware warranty with next-business day on-site service and hard drive retention

Models	Drive count	Archiver-only	Archiver & Directory
7000E Series			
SV-7011EX	N/A	2,000 Mbps / 1,000 cameras	N/A

Multipurpose appliances

SV-7011EX

Hardware platform	Dell PowerEdge R440	Expansion	1x PCIe x16 Low Profile slot
OS drive	2x 480 GB SDD (RAID1) or better	Ethernet	2x 1Gb NIC 4x 10G NIC
Processor	2x Xeon Silver 4216	Max capacity*	2,900 Mbps / 1,000 cameras (Recordings: 2000 Mbps; Playback: 100 Mbps; Redirection: 800 Mbps)

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

Part number	Memory	Form factor
SV-7011EX-R8S-D240-216	32 GB	1U

SAN headend controller

SVS-7010E-R12/R84

Storage Interface	SAS RAID6 ISCSI 4x 1G/10G SFP+	Install	Onsite install included
		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-R12-HE-48T-8	(6) 8 TB	48 TB	29.08 TB	12
SVS-7010E-R12-HE-60T-10	(6) 10 TB	60 TB	36.36 TB	12
SVS-7010E-R12-HE-72T-12	(6) 12 TB	72 TB	43.63 TB	12
SVS-7010E-R12-HE-96T-8	(12) 12 TB	96 TB	72.72 TB	12
SVS-7010E-R12-HE-120-10	(12) 10 TB	120 TB	90.90 TB	12
SVS-7010E-R12-HE-144-12	(12) 12 TB	144 TB	109.08 TB	12
SVS-7010E-R84-HE-336T-12	(28) 12 TB	336 TB	261.79 TB	84
SVS-7010E-R84-HE-504T-12	(42) 12 TB	504 TB	392.68 TB	84
SVS-7010E-R84-HE-672T-12	(56) 12 TB	672 TB	523.58 TB	84
SVS-7010E-R84-HE-840T-12	(70) 12 TB	840 TB	654.48 TB	84
SVS-7010E-R84-HE-1008T-12	(84) 1008 TB	1008 TB	785.37 TB	84

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

SAN expansion unit

SVS-7010E-R12/R84

Storage Interface	SAS RAID6 Mini SAS	Max capacity*	2,100 Mbps / 1,100 cameras (Recordings: 2000 Mbps; Playback: 100 Mbps)
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*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-R12-EX-48T-8	(6) 8 TB	48 TB	29.08 TB	12
SVS-7010E-R12-EX-60T-10	(6) 10 TB	60 TB	36.36 TB	12
SVS-7010E-R12-EX-72T-12	(6) 12 TB	72 TB	43.63 TB	12
SVS-7010E-R12-EX-96T-8	(12) 12 TB	96 TB	72.72 TB	12
SVS-7010E-R12-EX-120-10	(12) 10 TB	120 TB	90.90 TB	12
SVS-7010E-R12-EX-144-12	(12) 12 TB	144 TB	109.08 TB	12

SVS-7010E-R84-EX-336T-12	(28) 12 TB	420 TB	261.79 TB	84
SVS-7010E-R84-EX-504T-12	(42) 12 TB	560 TB	392.68 TB	84
SVS-7010E-R84-EX-672T-12	(56) 12 TB	700 TB	523.58 TB	84
SVS-7010E-R84-EX-840T-12	(70) 12 TB	840 TB	654.48 TB	84
SVS-7010E-R84-EX-1008T-12	(84) 1008 TB	1008 TB	785.37 TB	84

Scale Out NAS

SVS-7010E-4R80

Storage	SATA – OneFS Erasure coding	Install	Onsite install with Dell ProSupport Plus
Interface	4x 1G/10G	Max capacity*	2,400 Mbps / 1,100 cameras (Recordings: 2,400 Mbps; Playback: 100 Mbps per 4U/4 node unit)

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

Part number	Number of Nodes	Raw storage	Usable storage
SVS-7010E-4R80-4N-800T-10	4	800 TB	500 TB
SVS-7010E-4R80-8N-1.6P-10	8	1.6 PB	1 PB
SVS-7010E-4R80-16N-3.2P-10	16	3.2 PB	2 PB
SVS-7010E-4R80-20N-4.0P-10	20	4.0 PB	2.5 PB
SVS-7010E-4R80-24N-4.8P-10	24	4.8 PB	3.0 PB

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

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).

Configuration options

Operating system modification

Part number	Compatible with	Description
Streamvault		
SV-ACC-SRV-SVR2016-DG	All tower and rackmount appliances	Microsoft Server 2016 operating system – downgrade

Operating system language*

Part number	Compatible with	Description
Streamvault		
SV-ACC-SRV-OSLanguageFrench	All tower and rackmount appliances	Language selection for Operating System - French from France
SV-ACC-SRV-OSLanguageSpanish	All tower and rackmount appliances	Language selection for Operating System - Spanish from Spain
Streamvault E line		
SV-E-ACC-SRV-OSLanguageFrench	All tower and rackmount appliances	Language selection for Operating System - French from France
SV-E-ACC-SRV-OSLanguageSpanish	All tower and rackmount appliances	Language selection for Operating System - Spanish from Spain

*More language options available in the price list.

Data RAID level

Part number	Compatible with	Description
Streamvault		
SV-ACC-SRV-RAID5-Config	All rackmount appliances	Configuration Option. RAID5
SV-ACC-SRV-RAID6-Config	All rackmount appliances	Configuration Option. RAID6
SV-ACC-SRV-RAID10-Config	All rackmount appliances	Configuration Option. RAID10

Hardware upgrades

RAM upgrades

Part number	Compatible with	Description
Streamvault		
SV-E-ACC-8GB-2666-UECC	All models with Xeon E Series processors	8GB DDR4 1RX8 2666MHz UDIMM ECC
SV-E-ACC-SRV-8GB-2666-RECC	All models with Xeon Scalable Series processors	8GB DDR4 1RX8 2666MHz RDIMM ECC

Storage upgrades

Part number	Compatible with	Description
Streamvault		
SV-E-ACC-SRV-8T-SATA	All SV-1000E and SV-2000E appliances	8TB Enterprise SATA HDD
SV-E-ACC-SRV-1TB-SATA	All SV-1000E and SV-2000E appliances	3.5" 1TB Enterprise SATA HDD
SV-E-ACC-SRV-2TB-SATA	All SV-1000E and SV-2000E appliances	3.5" 2TB Enterprise SATA HDD
SV-E-ACC-SRV-4TB-SATA	All SV-1000E and SV-2000E appliances	3.5" 4TB Enterprise SATA HDD
SV-E-ACC-SRV-8TB-SATA	All SV-1000E and SV-2000E appliances	3.5" 8TB Enterprise SATA HDD
SV-E-ACC-SRV-12TB-SATA	All SV-1000E and SV-2000E appliances	3.5" 12TB Enterprise SATA HDD
SV-E-ACC-SRV-16TB-SATA	All SV-1000E and SV-2000E appliances	3.5" 16TB Enterprise SATA HDD
SV-E-ACC-SRV-8TB-SAS	All SV-4000E Series appliances	3.5" 8TB Enterprise Dual Port SAS HDD
SV-E-ACC-SRV-12TB-SAS	All SV-4000E Series appliances	3.5" 12TB Enterprise Dual Port SAS HDD
SV-E-ACC-SRV-16TB-SAS	All SV-4000E Series appliances	3.5" 16TB Enterprise Dual Port SAS HDD

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

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

Bezel

Part number	Compatible with	Description
Streamvault		
SV-E-ACC-SRV-BEZEL-1U	All E rackmount appliances	Streamvault Bezel (Size 1U)
SV-E-ACC-SRV-BEZEL-2U	All E rackmount appliances	Streamvault Bezel (Size 2U)

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 IoT Enterprise LTSC 2019
- 5-year hardware warranty with Keep Your Drive and Genetec Assurance

SVW-102E-M1

Hardware platform	Dell OptiPlex 3070 Micro	Memory	16 GB
OS drive	1x 256 GB SSD	Storage	1 TB SATA
Processor	1x Core i5-9500T	Form factor	Micro
Power Supply	1x 65W External (max 222 BTU/hr)		

Part number	Graphics card	Display connections	HD Streams	Full HD
SVW-102E-M1-EMB-I5	1x Intel UHD630 Embedded	1x DisplayPort, 1x HDMI	5	N/A

300E Series workstation

The Streamvault 300 Series workstation is a compact device optimized for the need of security operator desks. It delivers smooth playback of up to 42 HD streams.

Key Specs

- Up to 8 monitors
- Up to 42 Full HD streams
- Windows 10 IoT Enterprise LTSC 2019
- 5-year hardware warranty with Keep Your Drive and Genetec Assurance

SVW-302E-SF1

Hardware platform	Dell Precision 3431 Small Form Factor	Memory	16 GB
OS drive	1x 256 GB SSD	Storage	1 TB SATA
Processor	1x Core i7-9700	Form factor	Small Form Factor
Power Supply	1x 200W (max 683 BTU/hr)		

Part number	Graphics card	Display connections	HD Streams	Full HD
SVW-302E-SF1-EMB-I7	1x Intel HD630 Embedded	2x DisplayPort, 1x HDMI	13	N/A
SVW-302E-SF1-S620-I7	1x NVIDIA Quadro P620	4x Mini DisplayPort	16	N/A
SVW-302E-SF1-S1000-I7	1x NVIDIA Quadro P1000	4x Mini Display Port	25	20

SVW-302E-T3

Hardware platform	Dell Precision 3630 Tower	Memory	Single GPU: 16 GB Dual GPU: 32 GB
OS drive	1x 256 GB SSD	Storage	1 TB SATA
Processor	1x Core i7-9700K	Form factor	3 Bay Tower
Power Supply	1x 850W PSU (Max 1570 BTU/hr)		

Part number	Graphics card	Display connections	HD Streams	Full HD
SVW-302E-T3-S1660-I7	1x NVIDIA GTX 1660	3x DisplayPort, 1x HDMI	45	29
SVW-302E-T3-D1660-I7	2x NVIDIA GTX 1660	6x DisplayPort, 2x HDMI	50	42
SVW-302E-T3-S2200-I7	1x NVIDIA Quadro P2200	4x DisplayPort	45	29
SVW-302E-T3-D2200-I7	2x NVIDIA Quadro P2200	8x DisplayPort	50	42

SVW-302E-R2

Hardware platform	Dell Precision 3930 Rack	Memory	Single GPU: 16 GB Dual GPU: 32 GB
OS drive	1x 256 GB SSD	Storage	1 TB SATA
Processor	1x Xeon E-2176G	Form factor	2 Bay Tower
Power Supply	2x 550W PSU (Max 2107 BTU/hr)		

Part number	Graphics card	Display connections	HD Streams	Full HD
SVW-302E-R2-D2200-176	2x NVIDIA Quadro P2200	8x DisplayPort	50	42
SVW-302E-R2-S2200-176	1x NVIDIA Quadro P2200	4x DisplayPort	45	29
SVW-302E-R2-D1660-176	2x NVIDIA GTX 1660	6x DisplayPort, 2x HDMI	50	42
SVW-302E-R2-S1660-176	1x NVIDIA GTX 1660	3x DisplayPort, 1x HDMI	45	29

Workstations

500E Series workstation

The Streamvault 500E Series workstation is a powerful desktop device that is 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 IoT Enterprise LTSC
- 5-year hardware warranty with Keep Your Drive and Genetec Assurance

SVW-502E-T5

Hardware platform	Dell Precision 5820 Tower	Memory	Single GPU: 16 GB Dual GPU: 32 GB
Processor	1x Intel Xeon W-2245 or equivalent Core i9	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-502E-T5-S2080S-I9	1x NVIDIA RTX 2080S	3x DisplayPort 1.4, 1x HDMI 2.0b	55	34
SVW-502E-T5-D2080S-I9	2x NVIDIA RTX 2080S	6x DisplayPort 1.4, 2x HDMI 2.0b	76	50
SVW-501E-T5-S2200-I9	1x NVIDIA Quadro P2200	4x DisplayPort 1.4	55	34
SVW-501E-T5-D2200-I9	2x NVIDIA Quadro P2200	8x DisplayPort 1.4	76	50

SVW-502E-R2

Hardware platform	Dell Precision 3930 Rack	Memory	Single GPU: 16 GB Dual GPU: 32 GB
Processor	1x Intel Core i9-9940X	Form factor	1U Rackmount
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-502E-R2-S4000-I9	1x NVIDIA Quadro RTX 4000	3x DisplayPort 1.4, 1x USB-C	55	34
SVW-502E-R2-D4000-I9	2x NVIDIA Quadro RTX 4000	6x DisplayPort 1.4, 2x USB-C	76	50

Workstations

Options

Configuration options

Part number	Compatible with	Description
Streamvault		
SVW-ACC-OSLanguageFrench	All tower workstations	Language selection for Operating System - French from France
SVW-ACC-OSLanguageSpanish	All tower workstations	Language selection for Operating System - Spanish from Spain
SV-ACC-PCORD-UK	All tower workstations	UK power cord
SV-ACC-PCORD-NA	All tower workstations	North American power cord
SV-ACC-PCORD-EU	All tower workstations	European power cord
Streamvault E line		
SVW-E-ACC-T4-RMKT	All tower workstations	Rackmount Kit for T04 Enclosures
SVW-E-ACC-T5-RMKT	All tower workstations	Rackmount Kit for T05 Enclosures

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 IoT Enterprise LTSC 2019
- 3-year hardware warranty with Genetec Assurance

SVA-100E

Hardware platform	Dell OptiPlex 3070	Memory	16 GB
Processor	1 x Core i5-9500T	Form factor	Micro
OS drive	1x 256GB SSD	Ethernet	1x 1Gb
Expansion	0x	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-101E-256G-I5	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)

Analytics

Rackmount Analytics Series

The Streamvault SVA-1000E 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 IoT Enterprise LTSC
- 5-year hardware warranty with Genetec Assurance

SVA-1010E-R2

Hardware platform	Dell Precision 3930	Memory	16 GB
Processor	1 x Core i7-9700K	Form factor	1U
OS drive	1x 256GB SSD	Ethernet	2x 1Gb
Expansion	Up to 2x PCIe slots	Video output	4x DisplayPort 1.4

**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-1010E-R2-EMB-I7	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: 4 (720p, 12 fps) Fast Mode: 8 (720p, 12 fps)
SVA-1010E-R2-S1000-I7	(1) P1000	63 (VGA) 31 (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: 4 (720p, 12 fps) Fast Mode: 8 (720p, 12 fps)
SVA-1010E-R2-S2200-I7	(1) P2200	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: 4 (720p, 12 fps) Fast Mode: 8 (720p, 12 fps)

SVA-2010E-R4

Hardware platform	Dell PowerEdge 340	Memory	16 GB
Processor	1 x Xeon E-2286G	Form factor	1U
OS drive	2x 240GB SSD	Ethernet	2x 1Gb
Expansion	Up to 1x PCIe slots	Video output	Up to 4x DisplayPort 1.4

**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-2011E-R4-EMB-286G	EMB	61 (VGA) 27 (720p)	Area Protection: 29 (VGA, 15 fps) Area Protection: 7 (1080p, 15 fps) Object Detection: 23 (VGA, 15 fps) People Counter: 6 (720p, 12 fps)
SVA-2011E-R4-S1000-286G	(1) P1000	63 (VGA) 31 (720p)	Area Protection: 29 (VGA, 15 fps) Area Protection: 7 (1080p, 15 fps) Object Detection: 23 (VGA, 15 fps) People Counter: 6 (720p, 12 fps)

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.

Models	Drive count	Archiver-only			Archiver & Directory
		Recordings	Redirection	Playback	Recordings
1000E Series					
SV-1000E	1 to 2 (No RAID)	200 Mbps / 100 cameras	25 Mbps	10 Mbps	150 Mbps / 75 cameras
	3 to 6	300 Mbps / 200 cameras	150 Mbps	15 Mbps	200 Mbps / 100 cameras
2000E Series					
SV-2000E (R4, R14, R18)	4 to 7	300 Mbps / 300 cameras	150 Mbps	15 Mbps	200 Mbps / 100 cameras
	8 to 18	500 Mbps / 500 cameras	150 Mbps	20 Mbps	400 Mbps / 200 cameras
SV-2000EX-R14	4 to 7	400 Mbps / 400 cameras	400 Mbps	20 Mbps	400 Mbps / 200 cameras
	8 to 11	500 Mbps / 500 cameras	400 Mbps	20 Mbps	400 Mbps / 200 cameras
	12 to 14	1,300 Mbps / 700 cameras	400 Mbps	60 Mbps	1,000 Mbps / 200 cameras
SV-2000EX (R18, R26)	4 to 7	400 Mbps / 400 cameras	800 Mbps	20 Mbps	400 Mbps / 200 cameras
	8 to 11	500 Mbps / 500 cameras	800 Mbps	20 Mbps	400 Mbps / 200 cameras
	12 to 17	1,300 Mbps / 700 cameras	800 Mbps	60 Mbps	1,000 Mbps / 200 cameras
	18 to 26	1,350 Mbps / 850 cameras	800 Mbps	70 Mbps	1,000 Mbps / 200 cameras
4000E Series					
SV-4000E (R4, R14, R18)	4 to 7	300 Mbps / 300 cameras	150 Mbps	15 Mbps	200 Mbps / 100 cameras
	8 to 18	500 Mbps / 500 cameras	150 Mbps	20 Mbps	400 Mbps / 200 cameras
SV-4000EX-R14	4 to 7	400 Mbps / 400 cameras	400 Mbps	20 Mbps	400 Mbps / 200 cameras
	8 to 11	500 Mbps / 500 cameras	400 Mbps	20 Mbps	400 Mbps / 200 cameras
	12 to 14	1,300 Mbps / 700 cameras	400 Mbps	60 Mbps	1,000 Mbps / 200 cameras
SV-4000EX (R18, R26)	4 to 7	400 Mbps / 400 cameras	800 Mbps	20 Mbps	400 Mbps / 200 cameras
	8 to 11	500 Mbps / 500 cameras	800 Mbps	20 Mbps	400 Mbps / 200 cameras
	12 to 17	1,300 Mbps / 700 cameras	800 Mbps	60 Mbps	1,000 Mbps / 200 cameras
	18 to 26	1,350 Mbps / 850 cameras	800 Mbps	70 Mbps	1,000 Mbps / 200 cameras
7000E Series					
SV-7010EX	N/A	2,000 Mbps / 1,000 cameras	400 Mbps	100 Mbps	N/A