



SV-16 v2

Network Security Appliance

Genetec's SV-16 is a hybrid network security appliance that is powered by Security Center, Genetec's unified security platform. Designed to support up to 16 edge devices, Genetec's SV-16 provides an ideal solution to enable customers to consolidate multiple remote sites within a single security environment, or for use in small installations with the need to unify video surveillance and access control operations. Built on the strengths of the Security Center platform, integrations with industry-leading technology partners ensures that the SV-16 is compatible with a wide range of IP cameras, encoders, readers and door controllers, allowing customers to choose the hardware that will best suit their application needs.

Benefits

Speed Up Your Installation – With Security Center built-in, the SV-16 can easily be deployed as a stand-alone unified security system in a small installation or integrated within an existing Security Center deployment for management of multiple remote sites. The SV-16 can accommodate up to 16 cameras, or up to 16 readers, or in the case of a unified solution, up to 8 cameras and 8 readers.

Choose The Hardware You Want – Because Security Center is based on open-architecture, customers can select to use the edge devices from their preferred vendors alongside the SV-16. This flexibility enables customers to preserve existing edge devices, allowing them to reduce costs. As new hardware is released on the market, customers wanting to upgrade their system can take advantage of hardware integration packs to integrate new edge devices with the SV-16.

Install An Energy-Efficient NVR – Weighing only 42 ounces, the SV-16 is one of the smallest network security appliances on the market. The SV-16's compact and fanless design gives you the power you need with low 8W to 17W power consumption. The aluminum casing of the SV-16 ensures durability to ensure your investment is kept safe.

Opt for A Future-Proof Solution – Because licensing is managed on a per-edge device basis, deploying additional cameras and readers on the SV-16 is kept simple. Customers can also upgrade their SV-16 systems, as new Security Center versions and updates are made available. Furthermore, should a system grow beyond 16 cameras or readers, customers can trade in their licenses to easily move their system to a server-based solution.

Key Features

Powered by Security Center

Up to 16 cameras or readers

Wi-Fi connectivity

160GB of internal storage (500GB option)

Ethernet gigabit ports for additional storage

Open-architecture hardware freedom

Low 8W power consumption



Security Center Base Specifications

Overview	<ul style="list-style-type: none"> Fully configurable and task-oriented user interface Support for full-screen mode and multi-monitor set-up Up to 5 user connections Event to action mechanism Advanced alarm management
Reporting	<ul style="list-style-type: none"> Configuration, activity, audit trail, incident, alarm, event, bookmark, video and access control reports Print, email actions and export in PDF, Excel and CSV
System Configuration	<ul style="list-style-type: none"> Copy Configuration Auto-discovery of video and access control units Unit swap utility for camera or door controller replacement Silent installation for mass deployment and upgrades
Security	<ul style="list-style-type: none"> Configurable user and user group permissions and privileges Authenticated user logins User activity logs and audit trails Digitally signed video recording (watermarking) Password-protected video export HTTPS support
Database	<ul style="list-style-type: none"> SQL Express

Omicast Specifications

Overview	<ul style="list-style-type: none"> Side-by-side live and playback video Instant replay of any camera on display Support for multicast and multi-streaming Dynamic stream switching PTZ control including PTZ-in-tile controls Digital zoom for clear identification Bidirectional audio Motion detection Camera sequences Save, print and email snapshots Advanced video quality setting options
Recording	<ul style="list-style-type: none"> Up to 16 cameras or 32 Mbps H.264 / MPEG-4 / MJPEG / MPEG-2 / Wavelet Recording mode: continuous, on motion, on events, on alarms, manual Pre/post recording up to 300 seconds Video downsampling Export video sequence in proprietary (G64) or public (ASF) formats

Synergis Specifications

Overview	<ul style="list-style-type: none"> Up to 16 readers View access control events and associated video within each tile Custom door unlocking schedules Zone monitoring (input points) Area antipassback Area interlock and lockdown Time and attendance reports Badge design and custom card formats
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Warranty

- 2-year limited warranty

About Genetec

Genetec is a pioneer in the physical security and public safety industry and a global provider of world-class IP license plate recognition (LPR), video surveillance and access control solutions to markets such as transportation, education, retail, gaming, government and more. With sales offices and partnerships around the world, Genetec has established itself as the leader in innovative networked solutions by employing a high level of flexibility and forward-thinking principles into the development of its core technology and business solutions. Genetec's corporate culture is an extension of these very same principles, encouraging a dynamic and innovative workforce that is dedicated to the development of cutting-edge solutions and to exceptional customer care. For more information, visit genetec.com.

SV-16 Technical Specifications

OS	<ul style="list-style-type: none"> Windows Standard embedded 7 		
CPU	<ul style="list-style-type: none"> AMD G-T40N dual core 1.0 GHz 	Memory	<ul style="list-style-type: none"> 4GB DDR3
Peripherals	<ul style="list-style-type: none"> 1x RS-232 4x USB 2.0 480 Mbps (front panel) 		<ul style="list-style-type: none"> 2x USB 3.0 5Gbps (back panel) 2x USB 2.0 480 Mbps (back panel)
Display	<ul style="list-style-type: none"> Radeon HD 6290 with HDMI output up to 1920x1200 	Audio	<ul style="list-style-type: none"> 7.1 channel S/PDIF
Ethernet	<ul style="list-style-type: none"> 2x GbE ports 	Wireless	<ul style="list-style-type: none"> 802.11b/g/n Wi-Fi

Storage

Internal	<ul style="list-style-type: none"> 160GB 2.5-in SATA hard drive Optional 500GB 2.5-in SATA hard drive
External	<ul style="list-style-type: none"> Network Attached Storage (NAS) or external SATA drive (eSATA)

Mechanical and Environmental Specifications

Power	<ul style="list-style-type: none"> 12VDC
Consumption	<ul style="list-style-type: none"> 8W - 17W
Operating Temperature	<ul style="list-style-type: none"> 32°F to 113°F (0°C to 45°C) with HDD
Operating Humidity	<ul style="list-style-type: none"> 10% to 90% (non-condensing)
Dimensions (WxDxH)	<ul style="list-style-type: none"> 6.30 × 6.30 × 0.98 inches (160 × 160 × 25mm)
Weight	<ul style="list-style-type: none"> 42.3 ounces (1.2kg)
Certifications	<ul style="list-style-type: none"> CE, FCC, RoHS

Ordering Information

Part Number	Product Description
<i>Base system</i>	
SV16V2-Base	<ul style="list-style-type: none"> SV-16 with 160GB including Omnicast software
SV16V2-Base-GSC-OM	<ul style="list-style-type: none"> SV-16 with 160GB including Security Center Omnicast software
SV16V2-Base-GSC-SY	<ul style="list-style-type: none"> SV-16 with 160GB including Security Center Synergis software
SV16V2-Base-GSC-Unified	<ul style="list-style-type: none"> SV-16 with 160GB including Security Center Omnicast/Synergis software
SV16V2-Plus	<ul style="list-style-type: none"> SV-16 with 500GB including Omnicast software
SV16V2-Plus-GSC-OM	<ul style="list-style-type: none"> SV-16 with 500GB including Security Center Omnicast software
SV16V2-Plus-GSC-SY	<ul style="list-style-type: none"> SV-16 with 500GB including Security Center Synergis software
SV16V2-Plus-GSC-Unified	<ul style="list-style-type: none"> SV-16 with 500GB including Security Center Omnicast/Synergis software
<i>Connection licenses</i>	
SV16V2-1C	<ul style="list-style-type: none"> 1 camera connection
SV16V2-1R	<ul style="list-style-type: none"> 1 external reader connection (only required when access control hardware is not purchased from Genetec)