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 or 1TB of internal storage

Ethernet gigabit ports for additional storage

Open-architecture hardware freedom

Low 8W power consumption

Innovative **Solutions**

Genetec

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Security Center Base Specifications

Overview	Fully configurable and task-oriented user interface
	Full-screen mode option
	Multi-monitor support
	Up to 10 user connections
Reporting	Configuration, activity, audit trail, incident, alarm, event, bookmark, video and access control reports
	Comprehensive event filtering
	Print and email actions
	PDF, Microsoft Excel, and CSV export options
Security	Encrypted communications between client and server applications
	Configurable user and user group permissions and privileges
	Authenticated user logins
	Supervised login procedures
	Support for Windows Active Directory
	User activity logs and audit trails
	Digitally signed video recording (watermarking)
	Password-protected video export

Omnicast Specifications

Overview	Up to 64 live or playback cameras per monitor
	Support for multicast and multistreaming
	Full range of alarm management controls
	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	Up to 16 readers
	View access control events and associated video within each tile
	Unified task for configuring and managing credentials, cardholders, and access rights
	Custom door unlocking schedules
	Area antipassback
	Time and Attendance Reports
	Visitor Management
	Badge design and custom card formats

Warranty

Duration	2-year limited warranty

SV-16 Technical Specifications

OS	Windows Standard embedded 7
CPU	AMD G-T40N dual core 1.0 GHz
Memory	4GB DDR3
Peripherals	1x RS-232
	4x USB 2.0 480 Mbps (front panel)
	2x USB 3.0 5Gbps (back panel)
	2x USB 2.0 480 Mbps (back panel)
Display	Radeon HD 6290 with HDMI output up to 1920x1200
Ethernet	2x GbE ports
Audio	7.1 channel S/PDIF
Wireless	802.11b/g/n Wi-Fi

Storage

Internal	160GB or 1TB 2.5-in SATA hard drive
External	Network Attached Storage (NAS) or external SATA drive (eSATA)

Mechanical and Environmental Specifications

Power	12VDC
Consumption	8W - 17W
Operating Temperature	32°F to 113°F (0°C to 45°C) with HDD
Operating Humidity	10% to 90% (non-condensing)
Dimensions (W×D×H)	6.30 × 6.30 × 0.98 inches (160 × 160 × 25mm)
Weight	42.3 ounces (1.2kg)
Certifications	CE, FCC, RoHs

Ordering Information

Part Number	Product Description
Base System	
SV16V2-Base	SV-16 with 160GB including Omnicast software
SV16V2-Base-GSC-OM	SV-16 with 160GB including Security Center Omnicast software
SV16V2-Base-GSC-SY	SV-16 with 160GB including Security Center Synergis software
SV16V2-Base-GSC-Unified	SV-16 with 160GB including Security Center Omnicast/Synergis software
SV16V2-1TB	SV-16 with 1TB including Omnicast software
SV16V2-1TB-GSC-OM	SV-16 with 1TB including Security Center Omnicast software
SV16V2-1TB-GSC-SY	SV-16 with 1TB including Security Center Synergis software
SV16V2-1TB-GSC-Unified	SV-16 with 1TB including Security Center Omnicast/Synergis software
Connection Licenses	
SV16V2-1C	1 camera connection
SV16V2-1R	1 external reader connection (only required when access control hardware is not purchased from Genetec)

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