



## SV-16

### Network Security Appliance

Genetec's SV-16 is a hybrid network security appliance that is powered by Genetec's unified security platform, the Security Center. Designed for 16 edge devices or less, Genetec's SV-16 is the best choice for use in small installations with the need for video surveillance and access control or for the purpose of pulling a small-set of remote locations into a larger security system. The SV-16 is compatible with a long list of IP cameras, encoders, readers and door controllers.. And thanks to Genetec's open architecture, the SV-16 allows customers to choose hardware that best suits their needs.

#### Benefits

**Speed Up Your Installation** – With Security Center built-in, the SV-16 can easily be deployed as a stand-alone small security system or integrated into any existing Security Center installation for management of multiple remote locations. 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 Cameras You Want** - Genetec's open architecture gives customers the ability to select best-of-breed hardware from a long list of manufacturers. Having the open-platform security system also means that customers can preserve existing hardware. And as new hardware is released on the market, customers can take advantage of hardware integration packs to benefit from the latest technology.

**Install An Energy-Efficient NVR** – Weighing only 13 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 6W power consumption. The aluminum casing of the SV-16 ensures durability, no matter the environment.

**Opt for A Future-Proof Solution** – Since camera and reader licenses are obtained on a per-edge device basis, adding a new camera or a new reader on the SV-16 is as simple as acquiring another license. Customers can also benefit from new releases of Security Center with simple software upgrades. And when the system grows beyond 16 cameras or readers, customers can trade in their licenses to easily move their system to traditional 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 6W power consumption



# SV-16

## Network Security Appliance

### Security Center Base Specifications

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

### Omnicast Specifications

Overview	<ul style="list-style-type: none"><li>Side-by-side live and playback video</li><li>Instant replay of any camera on display</li><li>Support for multicast and multistreaming</li><li>Dynamic stream switching</li><li>PTZ control including PTZ-in-tile controls</li><li>Digital zoom for clear identification</li><li>Bidirectional audio</li><li>Motion detection</li><li>Camera sequences</li><li>Save, print and email snapshots</li><li>Advanced video quality setting options</li></ul>
Recording	<ul style="list-style-type: none"><li>Up to 16 cameras or 32 Mbps (8 cameras or 16Mbps with Security Center)</li><li>H.264 / MPEG-4 / MJPEG / MPEG-2 / Wavelet</li><li>Recording mode: continuous, on motion, on events, on alarms, manual</li><li>Pre/post recording up to 300 seconds</li><li>Video downsampling</li><li>Export video sequence in proprietary (G64) or public (ASF) formats</li></ul>

### Synergis Specifications

Overview	<ul style="list-style-type: none"><li>Up to 16 readers</li><li>View access control events and associated video within each tile</li><li>Custom door unlocking schedules</li><li>Zone monitoring (input points)</li><li>Area antipassback</li><li>Area Interlock and Lockdown</li><li>Time and Attendance Reports</li><li>Badge Design and custom card formats</li></ul>
----------	---

### Warranty

- 2-year limited warranty

### SV-16 Technical Specifications

OS	<ul style="list-style-type: none"><li>Windows Standard embedded 7</li></ul>	Peripherals	<ul style="list-style-type: none"><li>1x RS-232</li><li>4x USB 2.0</li></ul>
CPU	<ul style="list-style-type: none"><li>Intel Atom Z530 1.6 GHz</li></ul>	Display	<ul style="list-style-type: none"><li>1x HDMI 1920 x 1080</li></ul>
Memory	<ul style="list-style-type: none"><li>1GB DDR2</li></ul>	Audio	<ul style="list-style-type: none"><li>Line out 2.0, mic in, line-in</li></ul>
Ethernet	<ul style="list-style-type: none"><li>2x GbE ports</li></ul>	Wireless	<ul style="list-style-type: none"><li>802.11g WiFi</li></ul>

### Storage

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

### Mechanical and Environmental Specifications

Power	<ul style="list-style-type: none"><li>12VDC</li></ul>
Consumption	<ul style="list-style-type: none"><li>6W at low CPU load</li><li>8W at full CPU load</li></ul>
Operating Temperature	<ul style="list-style-type: none"><li>32°F to 113°F (-0°C to 45°C) with HDD</li></ul>
Operating Humidity	<ul style="list-style-type: none"><li>5% to 95% (non-condensing)</li></ul>
Dimensions (WxDxH)	<ul style="list-style-type: none"><li>4 x 4.5 x 1.05 inches (101 x 115 x 27mm)</li></ul>
Weight	<ul style="list-style-type: none"><li>13 ounces (370 grams)</li></ul>
Certifications	<ul style="list-style-type: none"><li>CE, FCC, RoHs</li></ul>

### Ordering Information

Part Number	Product Description
Base system	
SV16-Base	SV-16 with 160GB including Omnicast software
SV16-Base-GSC-OM	SV-16 with 160GB including Security Center Omnicast software
SV16-Base-GSC-SY	SV-16 with 160GB including Security Center Synergis software
SV16-Base-GSC-Unified	SV-16 with 160GB including Security Center Omnicast/Synergis software
SV16-Plus	SV-16 with 500GB including Omnicast software
SV16-Plus-GSC-OM	SV-16 with 500GB including Security Center Omnicast software
SV16-Plus-GSC-SY	SV-16 with 500GB including Security Center Synergis software
SV16-Plus-GSC-Unified	SV-16 with 500GB including Security Center Omnicast/Synergis software
Connection licenses	
SV16-1C	1 camera connection
SV16-1R	1 external reader connection (required when hardware not purchased from Genetec)

### 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, [genetec.com](http://genetec.com).