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

Innovative Solutions
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.

### Security Center Base Specifications

**Overview**
- 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**
- 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**
- 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**
- Configurable user and user group permissions and privileges
- User activity logs and audit trails
- Digitally signed video recording (watermarking)
- Password-protected video export
- HTTPS support

**Database**
- SQL Express

### Omnicast Specifications

**Overview**
- 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**
- 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
- Custom door unlocking schedules
- Zone monitoring (input points)
- Area anti-passback
- Area interlock and lockdown
- Time and attendance reports
- Badge design and custom card formats

**Warranty**
- 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
- Audio
- 7.1 channel S/PDIF

**Ethernet**
- 2x GbE ports
- Wireless
- 802.11b/g/n Wi-Fi

### Storage

**Internal**
- 160GB 2.5-in SATA hard drive
- Optional 500GB 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

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Product Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>SV16V2-Base</td>
<td>SV-16 with 160GB including Omnicast software</td>
</tr>
<tr>
<td>SV16V2-Base-GSC-OM</td>
<td>SV-16 with 160GB including Security Center Omnicast software</td>
</tr>
<tr>
<td>SV16V2-Base-GSC-SY</td>
<td>SV-16 with 160GB including Security Center Synergis software</td>
</tr>
<tr>
<td>SV16V2-Base-GSC-Unified</td>
<td>SV-16 with 160GB including Security Center Omnicast/Synergis software</td>
</tr>
<tr>
<td>SV16V2-Plus</td>
<td>SV-16 with 500GB including Omnicast software</td>
</tr>
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</table>

**Connection licenses**

| SV16V2-1C | 1 camera connection (only required when access control hardware is not purchased from Genetec) |
| SV16V2-1R | 1 external reader connection |

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**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.

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