



SV-16

Network Security Appliance

Genetec's SV-16 is a network security appliance that is powered by Genetec's video surveillance system, Omnicast. Designed for 16 cameras or less, Genetec's SV-16 is the best choice for use in small installations or for the purpose of pulling a small-set of remote cameras into a larger system. The SV-16 is compatible with both IP cameras and analog cameras with the use of video encoders. And thanks to Omnicast's open architecture, the SV-16 allows customers to choose hardware that best suits their needs.

Benefits

Speed Up Your Installation – With Omnicast built-in, the SV-16 can easily be integrated into any existing Omnicast installation for local recording in remote locations or for the management of distant cameras over wireless network. For small or distributed systems, the SV-16 can also operate as a stand-alone recording system, allowing customers to benefit from the advanced capabilities of Genetec's video surveillance system.

Choose the Cameras You Want – Omnicast's open architecture gives customers the ability to select best-of-breed hardware from a long list of manufacturers. Having the open-platform video system also means that customers can preserve existing hardware, whether IP or analog cameras. 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 recording 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 licenses are obtained on a per-camera basis, adding a new camera on the SV-16 is as simple as acquiring another license. Customers can also benefit from new releases of Omnicast with simple software upgrades. And when the system grows beyond 16 cameras, customers can trade in their licenses to easily move their system to traditional server-based storage.

Key Features

Powered by Omnicast

Up to 16 cameras or encoders

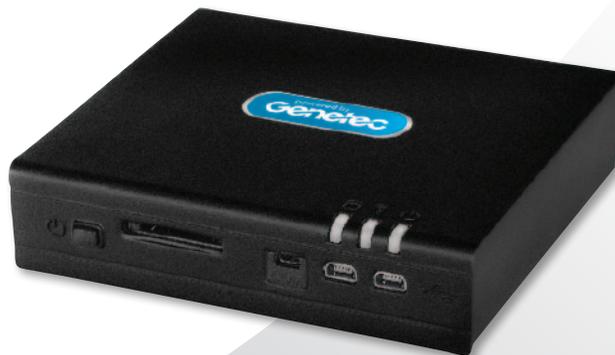
Wi-Fi connectivity

160GB of internal storage (500GB option)

Ethernet gigabit ports for additional storage

Open-architecture hardware freedom

Low 6W power consumption



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Omnicast Specifications

Overview	<ul style="list-style-type: none">• Omnicast software preloaded• Up to 16 cameras• 5 user connections• Support for unicast and multicast• Web clients• PTZ control• Digital zoom• Bidirectional audio• Motion detection• Alarm management• Event to action• Maps• Camera sequences• Guard tour• Bookmark• Snapshots
Recording	<ul style="list-style-type: none">• Up to 16 cameras or 32 Mbps• H.264, MPEG-4, MJPEG, MPEG-2• Recording schedules (continuous, on events/alarms, on motion, manual)• Pre/post event recording• Event, alarm, bookmark searches• Video export
Security	<ul style="list-style-type: none">• User permissions and privileges• Authenticated user logins• Camera permissions (covert cameras)• Digitally signed video recording (watermarking)• Password-protected export
Database	<ul style="list-style-type: none">• SQL Express
Languages	<ul style="list-style-type: none">• English, French, Czech, Dutch, German, Italian, Japanese, Korean, Portuguese, Simplified/Traditional Chinese, Slovak, Spanish

SV-16 Technical Specifications

OS	• Windows Standard embedded 7
CPU	• Intel Atom Z530 1.6 GHz
Memory	• 1GB DDR2
Peripherals	• 1x RS-232 • 4x USB 2.0
Display	• 1x HDMI 1920 × 1080
Audio	• Line out 2.0, mic in, line-in
Ethernet	• 2x GbE ports
Wireless	• 802.11g WiFi

Storage

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

Mechanical and Environmental Specifications

Power	• 12VDC
Consumption	• 6W at low CPU load • 8W at full CPU load
Operating Temperature	• 32°F to 113°F (-0°C to 45°C) with HDD
Operating Humidity	• 5% to 95% (non-condensing)
Dimensions (WxDxH)	• 4 × 4.5 × 1.05 inches (101 × 115 × 27mm)
Weight	• 13 ounces (370 grams)
Certifications	• CE, FCC, RoHs

Ordering Information

Part Number	Product Description
SV16-Base	• SV-16 including Omnicast software
SV16-1C	• 1 camera connection
SV16-Plus	• 500GB internal hard drive option

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, genetec.com.