



SM5000 Series System Manager

DISTRIBUTED SYSTEM MANAGEMENT AND SECURITY PLATFORM

Product Features

- Manages Endura™ Products, Pelco's Next Generation Network Video System
- Administers Rights and Privileges for All Attached Devices
- Stores and Administers Secure Keys
- Multi-Level Password and User Permissions Management
- Logs Errors and Alarms
- Manages All System Level Security
- Flexible and Scalable
- Supports UPnP Architecture



- Provides DHCP Services, Supporting the Dynamic Addition of Network Devices
- Functions as System Time Server (NTP)
- Replicates Data to a Backup SM5000

The **SM5000 Series** system manager is an integrated hardware and software platform that serves as the system management component of Pelco's next generation video security system. The **SM5000 Series** provides distributed administration of multiple devices, including Pelco's NVR5000, NET5000, and VCD5000 series units.

The **SM5000 Series** stores the database of device errors, alarms, and other system events. This comprehensive database may be accessed and searched through the System Log window in the WS5000 interface.

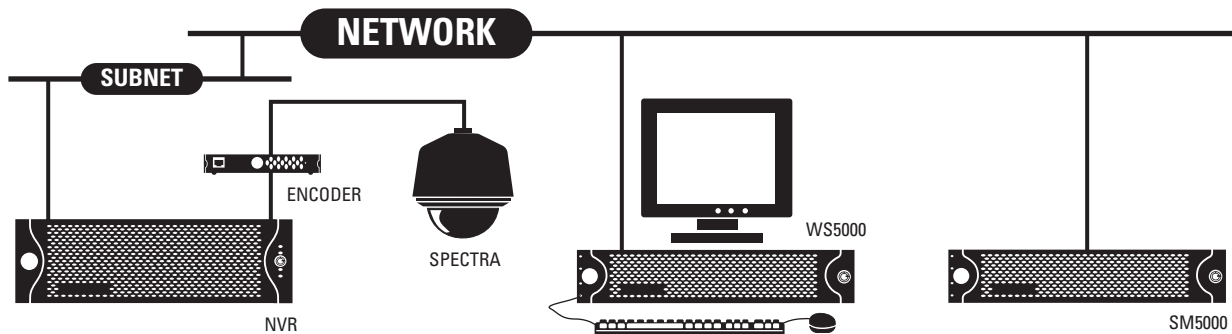
The **SM5000 Series** manages system security, functioning as a key server for user and device authentication. While Pelco's NVR5000 Series video recorders can handle the system management responsibilities on smaller networks, the **SM5000 Series** routes communication between all devices on large, subnetted security networks.

The **SM5000 Series** system manager can be connected to an intelligent uninterruptible power supply (UPS) (not supplied). If the main power fails, an intelligent UPS sends a message to the **SM5000** and provides enough extra battery power to allow the manager to shut down gracefully, thereby preserving the integrity of the system data.

To ensure integrated devices are synchronized, the **SM5000 Series** functions as the default system time server, using the industry standard NTP protocol. (Using the WS5000 interface, administrators have the option of selecting a different NTP server.)

As an additional security feature, the **SM5000 Series** supports data replication: a duplicate set of critical system data can be stored on a second **SM5000 Series**. This feature enables a quick and easy transition to backup equipment.

Endura distributed, network-based products are available only to certified dealers/integrators. Please contact your local sales representative for details on certification applications and requirements. Additional information on Endura products and certifications may be found at <http://www.pelco.com/endura>.



IMPORTANT NOTE: PLEASE READ. The network implementation is shown as a general representation only and is not intended to show a detailed network topology. Your actual network will differ, requiring changes or perhaps additional network equipment to accommodate the system as illustrated. Please contact your local Pelco Representative to discuss your specific requirements.



C1623 / NEW 4-05



International Standards Organization Registered Firm; ISO 9001 Quality System



TECHNICAL SPECIFICATIONS

MODELS

SM5000 System Manager for subnetted, multi-NVR system designs

SUPPLIED ACCESSORIES

2 power cables (one USA standard and one European standard)
1 rack-mounting kit (for mounting in a 2 RU rack)

SYSTEM

Processor Intel® Pentium® 4, 2.8 GHz
Internal Memory 1 GB RAM
Operating System Linux®
User Interface Remote operation via WS5000
System Storage 40 GB IDE

NETWORK

Interface Gigabit Ethernet RJ-45 port (1000BaseT)
Security 2 modes: secure mode (device authentication) and unsecure mode

AUXILIARY INTERFACES

USB 2.0 3 USB 2.0 ports (one front, two rear)

FRONT PANEL

DVD/CD-RW Drive CD read/write speed: 24X
CD rewrite speed: 10X
DVD read/write speed: 8X
DVD rewrite speed: 4X
Power, configuration/reset

Buttons
Indicators
Power Blue if power
HDD Activity Yellow when activity
Network Activity Green when activity
Network Status Green, amber, red
Unit Status Green, amber, red

POWER

Power Input 100-240 VAC, 50/60 Hz, autoranging
Power Supply Internal
Power Consumption 115 watts, 386 BTU/H (maximum)
Cable Type 1 USA standard (117 VAC, 3 prongs, 6 ft or 1.8 m)
1 European standard (220 VAC, 3 prongs, molded connector, 6 ft or 1.8 m)

ENVIRONMENTAL

Operating Temperature Range 50° to 95°F (10° to 35°C)
Storage Temperature Range -40° to 149°F (-40° to 65°C)
Operating Humidity 20% to 80%, noncondensing
Maximum Humidity Gradient 10% per hour
Operating Altitude -50 ft to 10,000 ft (-16 m to 3,048 m)
Operating Vibration 0.25 G at 3 Hz to 200 Hz at a sweep rate of 0.5 octave/minute

PHYSICAL

Construction Steel cabinet
Finish Front panel: gray metallic with black end caps; chassis: black matte finish
Dimensions 17.0" D x 17.1" W x 3.5" H (43.2 x 43.4 x 8.9 cm)
2 RU per unit, 1 RU between units
Mounting Desktop (feet) or rack
Unit Weight 28.8 lb (13.06 kg)
Shipping Weight 38 lb (17.24 kg)

CERTIFICATIONS AND REGULATIONS

- CE, Class A
- UL Listed
- UL Listed to Canadian safety standards
- FCC, Class A
- C-Tick

STANDARDS/ORGANIZATIONS

- Pelco is a member of the MPEG-4 Industry Forum
- Pelco is a member of the Universal Plug and Play (UPnP) Forum
- Pelco is a member of the Universal Serial Bus (USB) Implementers Forum
- Pelco is a contributor to the International Standards for Organization/Electrotechnical Commission (ISO/IEC) Joint Technical Committee 1 (JTC1), "Information Technology," Subcommittee 29, Working Group 11
- Compliance, ISO/IEC 14496 standard (also known as MPEG-4)
- Compliance, International Telecommunication Union (ITU) Recommendation G.711, "Pulse Code Modulation (PCM) of Voice Frequencies"



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