

# Endura™ WS5000 Advanced System Software



## Product Features

- Software Runs on Qualified, User Supplied Windows® XP Operating System
- Displays up to 16 Streams of Video Per Workspace
- View Live and Playback Video at up to 4CIF Resolution and up to 30 ips
- EnduraView™ Technology Optimizes Video Display for Multiscreen Configurations
- Provides Full Access to Operations Through User-Friendly and Highly Intuitive Graphical User Interface
- Provides Administrative Interface to Program and Configure Devices on the Endura Network
- Customizable for Small-to-Enterprise Systems
- Plug-and-Play Installation and Detection of Cameras and Devices
- Powerful Script Managing and Programming Interface
- Synchronized Playback of 4 Cameras

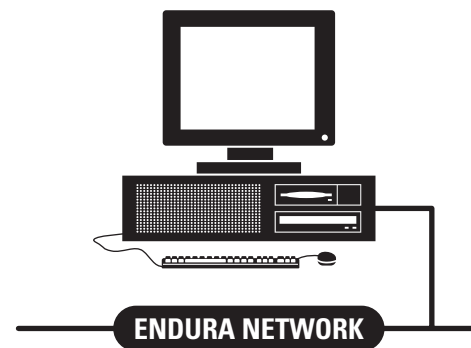
The **WS5000** Advanced System Software provides access to all operation and configuration features of the Endura™ system in one unified, user-friendly interface. The interface uses drag-and-drop operations, shortcut menus, and tooltips to enable the most direct, intuitive interactions. Sound, graphics, color, and on-screen messages provide helpful, ongoing feedback about user activity and system status.

This interface allows users to view live video; control cameras; record video; and search, play back, and export recorded video. Video display options include a single image (1x1), four images (2x2), six images (1 large + 5 small), nine images (3x3), ten images (2 large + 8 small), thirteen images (1 large + 12 small), and sixteen images (4x4). When multiple images are displayed, the patent-pending EnduraView™ technology automatically provides the best video display frame rate for the selected cameras. Cameras can be assigned to a user-defined location on a camera list; these lists can then be used in the display, sorting, and selection of individual devices—a feature especially valuable in larger systems.

The **WS5000** software also allows users with the proper authority to perform administrative functions, such as configuring devices, setting up users, adjusting network settings, and creating recording schedules. Access to these functions and all other system services can be configured to a fine level of detail. Users see only those devices and features to which they have been granted user rights and permissions.

- Digital Zoom in Live or Playback Video
- Multiple Display Views for Live or Playback Cameras or Devices
- On-Screen PTZ and Device Property Controls
- Advanced Search Capabilities Including Search for Motion, Alarm, or Event Video
- Event Logging and Alarm Interface Workspace
- Customizable User and Device Permissions
- User Specific Screen Configurations Including Choice of Language
- Exports Video and Still Images in Multiple Formats, Including Pelco Video File, QuickTime MPEG-4, PNG, BMP, and JPG

The **WS5000** software offers a powerful scripting interface. With scripts, users can flexibly and easily automate many system functions in almost any combination. An enhanced search interface enables searches across multiple devices, time ranges, and event types. System logs can also be searched, printed, and exported. Multiple alarm and motion inputs can be grouped into Events to help filter out false alarms.



**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.

*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>.*



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# TECHNICAL SPECIFICATIONS

## MODEL

WS5000-1	Advanced System Software license for 1 seat
WS5000-5	Advanced System Software license for 5 seats
WS5000-10	Advanced System Software license for 10 seats
WS5000-25	Advanced System Software license for 25 seats
WS5000-SITE	Advanced System Software license for site

## MINIMUM PC SPECIFICATIONS

Processor	Intel® Pentium® IV 2.4GHz or Intel® Core™ 2 Duo, 1.66GHz or better
Internal Memory	512MB or RAM or higher
Operating System	Windows XP Professional Service Pack 2 Only
Video System	AGP VGA card with 128MB video RAM (nonshared), 1280x1024 display resolution, and DirectX® 8.1 support, 2 video outputs
Audio Inputs	Microphone and line in
Audio Outputs	Speaker or line out
Network	1000 Mbps network port

## VIDEO

Video Decoding	MPEG-4	
Video Resolutions	<u>NTSC</u>	<u>PAL</u>
4CIF	704 x 480	704 x 576
2CIF	704 x 240	704 x 288
CIF	352 x 240	352 x 288
QCIF	176 x 120	176 x 144
Video Display Speed	Up to 30 ips per camera	
Video Display Modes	Single image, 2x2, 1+5, 3x3, 1+12, 4x4, 2+8	

## AUDIO

Audio Decoding	G.711 speech codec
Audio Bit Rate	64 kbps

## NETWORK

Infrastructure	Access to network infrastructure in compliance with the Endura Network Design Guide specifications
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## 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)

**NOTICE:** Judgment as to the suitability of the products for users' purposes is solely the users' responsibility. Users should refer to the Operation manuals for cautionary statements regarding user selected options and how they might affect video quality. Users shall determine the suitability of the products for their own intended application, picture rate and picture quality. In the event users intend to use the video for evidentiary purposes in a judicial proceeding or otherwise, users should consult with their attorney regarding any particular requirements for such use.



### Pelco Worldwide Headquarters:

3500 Pelco Way, Clovis, California 93612-5699 USA  
**USA & Canada** Tel: (800) 289-9100 • FAX (800) 289-9150  
**International** Tel: (559) 292-1981 • FAX (559) 348-1120  
[www.pelco.com](http://www.pelco.com)

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