



by **Schneider** Electric

Q U I C K S T A R T

Endura[®] UDI5000-CAM Configuration Software



For use with Third-Party IP Devices

C4625M (9/09)

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About this Guide

This guide provides instructions on operating the UDI5000-CAM configuration application. With this application you can perform the following tasks:

- Associate up to 16 standard resolution or megapixel third-party IP cameras.
- Track system resource usage and capacity.
- Review and configure network settings.
- Configure device security settings.

The application is accessible over the Internet from a computer with Microsoft® Internet Explorer® 7.0 or later, Mozilla® Firefox® 3.5 or later. After you have associated cameras with the UDI5000-CAM, you can view live and recorded video from any viewing station on the Endura® system. Refer to the operation manual for the viewing station for instructions.

Accessing the Configuration Application

There are two ways to access the configuration application: (1) directly from a Web browser, or (2) from the Devices setup screen of the WS5000 advanced system management software.

LOGGING ON TO THE APPLICATION FROM A WEB BROWSER

1. Open a Web browser and type the IP address for the UDI5000-CAM in the Address field
2. Press Enter. The Login screen appears.

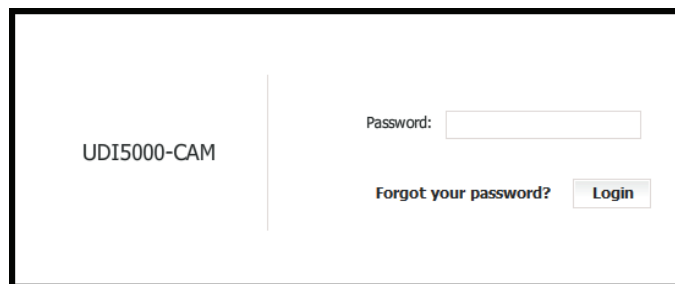


Figure 1. UDI5000-CAM Login Screen

3. Enter the password and click Login. By default, **admin** is the password. The UDI5000-CAM configuration application main page appears.



NOTE: Some third-party cameras require a separate password to display their configuration settings. If such a camera is already associated with the UDI5000-CAM, a separate logon screen appears. You must enter the specific user ID and password for the camera before you can configure it from the UDI5000-CAM configuration application. Refer to the camera manufacturer's documentation to locate the correct user ID and password. If necessary, contact a system administrator for this information.

LOGGING ON TO THE APPLICATION FROM THE WS5000 SOFTWARE

1. Start the WS5000 advanced system management software, and then open the Setup screen.
2. On the Devices tab, select the UDI5000-CAM from the cameras list. If necessary, filter the list to display only universal devices.
3. Click the Configure button. The Login screen appears in a Web browser window.
4. Enter the password and click Login. By default, **admin** is the password. The UDI5000-CAM configuration application main page appears.

EXITING THE APPLICATION

There are two ways to exit, or close, the application main page.

- Click the Exit button  to close the application main page and return to the Login screen.
- Click the Close button  in the upper-right corner of the Web browser window.

About the Main Page

The main application page is divided into the following three tabs:



Channel Management: Used to associate cameras with the UDI5000-CAM, monitor bandwidth utilization, and access a configuration application if one is provided by the camera vendor.



UDI Settings: Used to verify system information settings and to update network settings.



Account: Used to set the password and security question for accessing the configuration application.

The screenshot shows the main page of the UDI5000-CAM Configuration Application. The title bar reads "UDI5000-CAM". On the left, there are three tabs: "Channel Management", "UDI Settings", and "Account Settings". The "Account Settings" tab is active. The main content area is titled "Change Password" and contains two input fields: "Enter New Password:" and "Re-Enter Password:", both containing "*****". Below this is the "Add/Edit Security Question" section, which includes an "Enter Security Question:" field with the text "Please read manual for first time password", a subtext "This question will be shown in case you have forgotten your password. You will be requir...", and an "Answer to Question:" field. At the bottom right, there are "Save" and "Cancel" buttons.

Figure 2. UDI5000-CAM Configuration Application Main Page


Channel Management

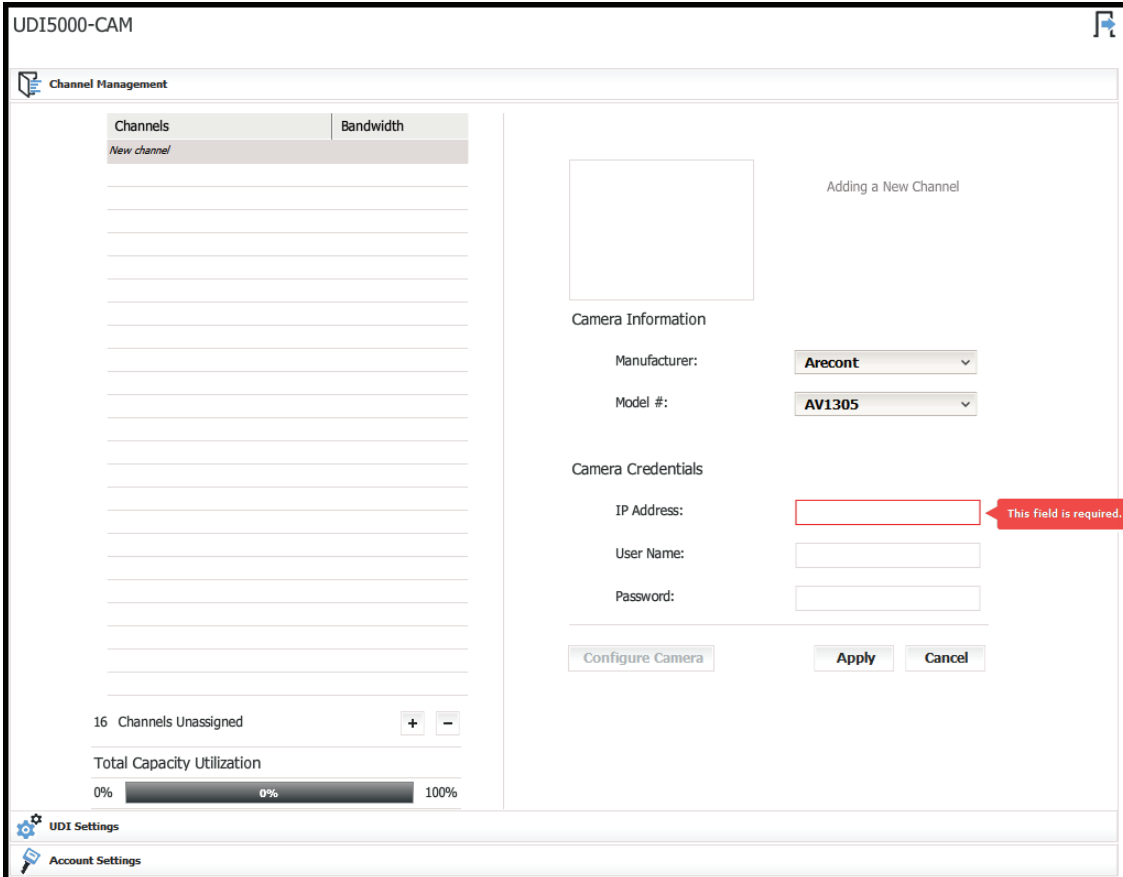
ASSOCIATING A CAMERA WITH A CHANNEL

A camera should be associated with only one UDI5000-CAM. Although a camera can transmit video to more than one UDI5000-CAM, each subsequent video stream can impact camera performance.

Before you associate a camera with the UDI5000-CAM, refer to the manufacturer's documentation to locate the following information.

- Manufacturer
- Model number
- IP address

1. From the Channel Management tab, click the Add button  below the list of channels. An unassigned channel appears in the list.



The screenshot displays the 'Channel Management' interface for a UDI5000-CAM. On the left, a table lists channels, with a 'New channel' entry highlighted. Below the table, it indicates '16 Channels Unassigned' and 'Total Capacity Utilization' at 0%. On the right, the 'Adding a New Channel' form is shown. Under 'Camera Information', the 'Manufacturer' is set to 'Arecont' and the 'Model #' is 'AV1305'. Under 'Camera Credentials', the 'IP Address' field is empty and highlighted with a red border, with a red error message 'This field is required.' pointing to it. The 'User Name' and 'Password' fields are also empty. At the bottom of the form, there are 'Configure Camera', 'Apply', and 'Cancel' buttons. The interface also includes 'UDI Settings' and 'Account Settings' links at the bottom left.


Figure 3. Channel Management Tab

2. Select the camera manufacturer and model number from the Camera Information fields.
3. Enter the credentials for the camera including its IP address, user name, and password.

The Endura system requires the user name and password to transmit configuration information and video streams between the camera and the Endura viewing stations. This information is configured directly on the camera and is not maintained in the Endura system. If you change the user name or password on the camera, you must update it for the camera association in the UDI5000-CAM as well.

4. Click Apply. The camera appears in the Channels list, and a preview of the live video appears above the camera information.

DISCONNECTING A CAMERA

1. From the Channel Management tab, select a camera in the Channels list.
2. Click the Delete button . The camera is removed from the list and its camera information is deleted from the system.

TRACKING CAPACITY AVAILABILITY AND USAGE

The UDI5000-CAM capacity represents a combination of processing power, network bandwidth, memory, stream type, frame rate, and size of the group of pictures that are required to transmit video from a camera. The Channel Management tab displays the amount of these system resources that are used by each camera and that are still available for the UDI5000-CAM. To monitor resource usage for each camera, refer to the Channels list. A percentage indicates the total system resources consumed by the camera compared to a 100 percent total.

To monitor the available resources for the UDI5000-CAM, refer to Total Capacity Utilization beneath the Channels list.

EDITING CAMERA SETTINGS

Basic camera information and camera credentials that are needed by the UDI5000-CAM are displayed on the Channel Management tab.

1. From the Channel Management tab, select a camera in the Channels list. Camera information and credentials appear on the tab.
2. Edit any of the credentials, and click Apply. The settings are changed and stored on the UDI5000-CAM.

NOTE: Only those settings that are required to associate the camera with the UDI5000-CAM appear on this tab. To edit other settings, click the Configure button, and update the settings directly on the camera.

CONFIGURING ADDITIONAL CAMERA SETTINGS

1. From the Channel Management tab, select a camera in the Channels list.
2. Click the Configure button. A separate Web browser window opens and displays the configuration application for the third-party camera.
3. Use this application to locate camera firmware information, to set the date and time display for the camera, and to set up other advanced functions. Refer to the camera manufacturer's documentation for instructions.

UDI Settings

LOCATING FIRMWARE VERSION INFORMATION

The following system information for the UDI5000-CAM software is located on the UDI Settings tab:

- **Base Firmware Version:** The version of software that was originally installed on the unit at the factory.
- **Updated Firmware Version:** The current version of the software, which represents the most recent software update.

Refer to this information when you contact Pelco Product Support.

CHANGING NETWORK SETTINGS FROM DHCP TO STATIC

The first time you connect the unit to your Endura network, the IP address is set automatically using Dynamic Host Configuration Protocol (DHCP). If your system is set up to use static IP addresses, you can change it from the UDI Settings tab.

1. Locate the Network Settings section on the UDI Settings tab and select Static. The IP address, subnet mask, broadcast address, and gateway address are deleted.
2. Enter the correct static information, and click Save.

The screenshot displays the UDI Settings interface for a UDI5000-CAM unit. The interface is titled 'UDI5000-CAM' and features a navigation bar with 'Channel Management' and 'UDI Settings' (the active tab). The main content area is divided into two sections: 'System Information' and 'Network Settings'. Under 'System Information', the 'Base Firmware Version' and 'Updated Firmware Version' are both listed as '1.0.0.0175'. The 'Network Settings' section includes radio buttons for 'DHCP' (selected) and 'Static'. Below these are input fields for 'IP Address' (192.168.0.100), 'Subnet Mask' (255.255.255.128), 'Broadcast Address' (192.168.0.1), 'Gateway Address' (192.168.0.2), 'DNS Server 1' (192.168.0.10), and 'DNS Server 2' (192.168.0.20). At the bottom of the settings area are 'Save' and 'Cancel' buttons. The footer of the interface shows 'Account Settings'.

Figure 4. UDI Settings Tab

Account Settings

Information entered on this tab affects the UDI5000-CAM. This information does not affect any security settings you have created for the third-party cameras from their own configuration utilities.

UDI5000-CAM

Channel Management

UDI Settings

Account Settings

Change Password

Enter New Password: *****

Re-Enter Password: *****

Add/Edit Security Question

Enter Security Question: Please read manual for first time password


This question will be shown in case you have forgotten your password. You will be requir...

Answer to Question:

Save Cancel


Figure 5. Account Settings Tab

CHANGING A PASSWORD

1. From the Account Settings tab , enter the new password in the two fields that are provided (refer to Figure 5).
2. Click Save. The password remains changed until you edit it again.

ADDING OR EDITING THE SECURITY QUESTION

You must select a security question and response so that you can change the password for the application. If you forget the password, the application will ask for the security question to validate that you are an authorized user.

1. Display the Account Settings tab  if it is not already displayed (refer to Figure 5).
2. Enter a security question in the field provided.
3. Enter an answer to the question in the field provided.
4. Click Save.

PRODUCT WARRANTY AND RETURN INFORMATION

WARRANTY

Pelco will repair or replace, without charge, any merchandise proved defective in material or workmanship **for a period of one year** after the date of shipment.

Exceptions to this warranty are as noted below:

- Five years:
 - Fiber optic products
 - TW3000 Series unshielded twisted pair (UTP) transmission products
 - CC3701H-2, CC3701H-2X, CC3751H-2, CC3651H-2X, MC3651H-2, and MC3651H-2X camera models
- Three years:
 - Pelco-branded fixed camera models (CCC1390H Series, C10DN Series, C10CH Series, IP3701H Series, and IX Series)
 - EH1500 Series enclosures
 - Spectra® IV products (including Spectra IV IP)
 - Camclosure® Series (IS, ICS, IP) integrated camera systems
 - DX Series digital video recorders, DVR5100 Series digital video recorders, Digital Sentry® Series hardware products, DVX Series digital video recorders, and NVR300 Series network video recorders
 - Endura® Series distributed network-based video products
 - Genex® Series products (multiplexers, server, and keyboard)
 - PMCL200/300/400 Series LCD monitors
- Two years:
 - Standard varifocal, fixed focal, and motorized zoom lenses
 - DF5/DF8 Series fixed dome products
 - Legacy® Series integrated positioning systems
 - Spectra III™, Spectra Mini, Spectra Mini IP, Esprit®, ExSite®, and PS20 scanners, including when used in continuous motion applications.
 - Esprit Ti and T12500 Series thermal imaging products
 - Esprit and WW5700 Series window wiper (excluding wiper blades).
 - CM6700/CM6800/CM9700 Series matrix
 - Digital Light Processing (DLP®) displays (except lamp and color wheel). The lamp and color wheel will be covered for a period of 90 days. The air filter is not covered under warranty.
 - Intelli-M® eIDC controllers
- One year:
 - Video cassette recorders (VCRs), except video heads. Video heads will be covered for a period of six months.
- Six months:
 - All pan and tilts, scanners, or preset lenses used in continuous motion applications (preset scan, tour, and auto scan modes).

Pelco will warrant all replacement parts and repairs for 90 days from the date of Pelco shipment. All goods requiring warranty repair shall be sent freight prepaid to a Pelco designated location. Repairs made necessary by reason of misuse, alteration, normal wear, or accident are not covered under this warranty.

Pelco assumes no risk and shall be subject to no liability for damages or loss resulting from the specific use or application made of the Products. Pelco's liability for any claim, whether based on breach of contract, negligence, infringement of any rights of any party or product liability, relating to the Products shall not exceed the price paid by the Dealer to Pelco for such Products. In no event will Pelco be liable for any special, incidental, or consequential damages (including loss of use, loss of profit, and claims of third parties) however caused, whether by the negligence of Pelco or otherwise.

The above warranty provides the Dealer with specific legal rights. The Dealer may also have additional rights, which are subject to variation from state to state.

If a warranty repair is required, the Dealer must contact Pelco at (800) 289-9100 or (559) 292-1981 to obtain a Repair Authorization number (RA), and provide the following information:

1. Model and serial number
2. Date of shipment, P.O. number, sales order number, or Pelco invoice number
3. Details of the defect or problem

If there is a dispute regarding the warranty of a product that does not fall under the warranty conditions stated above, please include a written explanation with the product when returned.

Method of return shipment shall be the same or equal to the method by which the item was received by Pelco.

RETURNS

To expedite parts returned for repair or credit, please call Pelco at (800) 289-9100 or (559) 292-1981 to obtain an authorization number (CA number if returned for credit, and RA number if returned for repair) and designated return location.

All merchandise returned for credit may be subject to a 20 percent restocking and refurbishing charge.

Goods returned for repair or credit should be clearly identified with the assigned CA or RA number and freight should be prepaid.

12-23-08

 The materials used in the manufacture of this document and its components are compliant to the requirements of Directive 2002/95/EC.



This equipment contains electrical or electronic components that must be recycled properly to comply with Directive 2002/96/EC of the European Union regarding the disposal of waste electrical and electronic equipment (WEEE). Contact your local dealer for procedures for recycling this equipment.

REVISION HISTORY

Manual #	Date	Comments
C4625M	9/09	Original version.

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