by Schneider Electric

QUICK START

# Digital Sentry® Digital Video Management System

INTEGRAL Digital Sentry

C3676M-A (10/10)

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# About This Guide

This guide provides basic instructions on how to start the Digital Video Management System (DVMS), log on, configure cameras, set up recording schedules, connect to the system remotely, search for recorded video, view and play back video, and export video.

For complete instructions on installing, configuring, and using your Integral Digital Sentry® DVMS, refer to the installation and operation manuals included with your system.

**NOTES:**

- Refer to the Digital Sentry DS-NVs Installation manual if you want to use the DS-NVs Setup wizard to install, set up, and configure the Digital Sentry software.
- Refer to the Digital Sentry DS ControlPoint Operation manual for detailed information on application settings, system management, creating tours, and working with alarms and reports.

⚠ **WARNINGS:**

- Do not run the DS ControlPoint software as a regular monitoring utility on a VAU, server, or combination component. Reserve a dedicated client computer for this purpose.
- Do not activate any system lock or screensaver features while running the the DS ControlPoint software. These features can interfere with certain Digital Sentry processes.

# Logging On

1. On the front panel of the DVMS, press the power switch ❶ (refer to Figure 1, Figure 2, and Figure 3 on page 5). Wait a few minutes for the system to start.

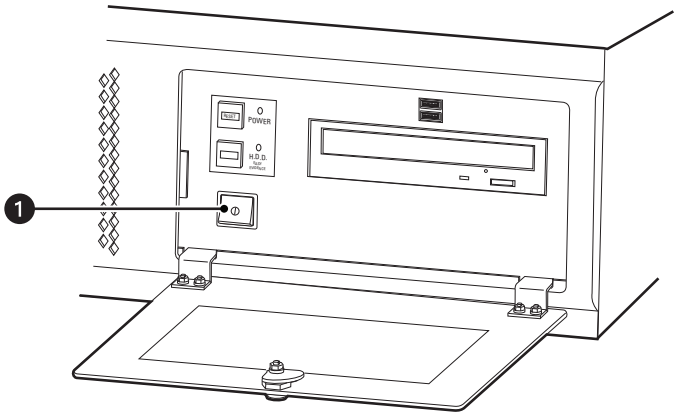



**Figure 1.** Front Panel of 4U Digital Sentry Systems

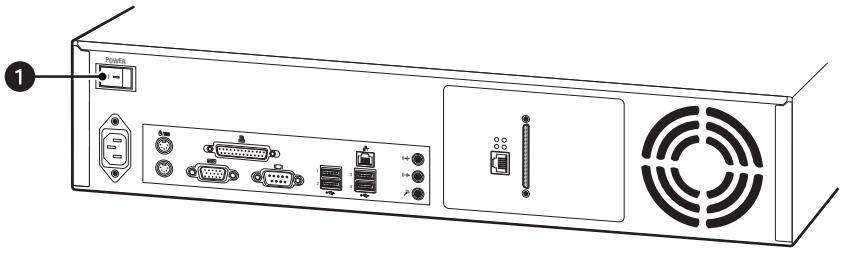



**Figure 2.** Rear Panel of DS NVR

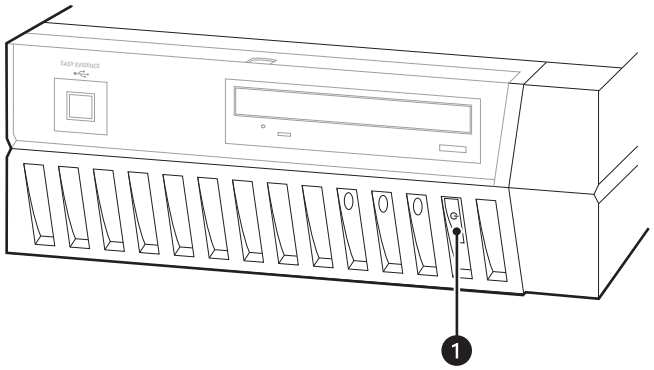



**Figure 3.** Front Panel of Desktop Digital Sentry Systems

2. When the log on window appears, type the default user name (dsserviceuser) and password (dsserviceuser) in the appropriate fields.
3. Click the OK button.

# Configuring Cameras

1. On the Windows® desktop, double-click the DS Admin icon.
2. Log on to DS Admin using the default user name (admin) and password (admin).

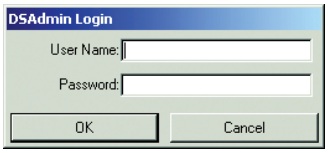



**Figure 4.** DSAdmin Login Dialog Box

3. Click the plus signs (+) to expand the directory tree to the Cameras folder.

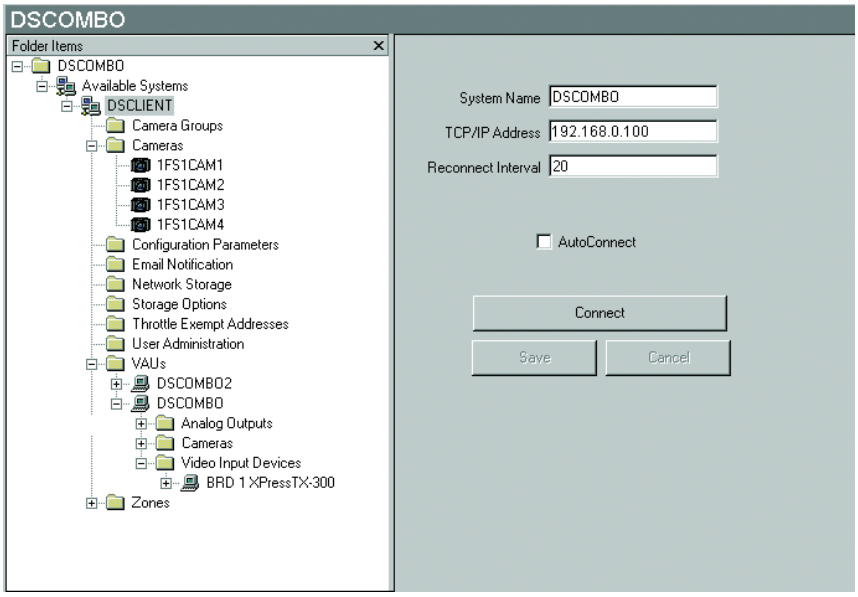



**Figure 5.** Digital Sentry Directory Tree

4. If all cameras connected to the system will be configured with the same settings, click the Cameras folder. If the cameras will be configured with different settings, click the first camera listed (1FS1CAM1).

5. On the General tab, select the image quality and enter the fast, medium, and slow frame rates. If the cameras will be configured with different settings, click the next camera in the directory tree and repeat this step. The General tab contains different settings depending on the system you are running.

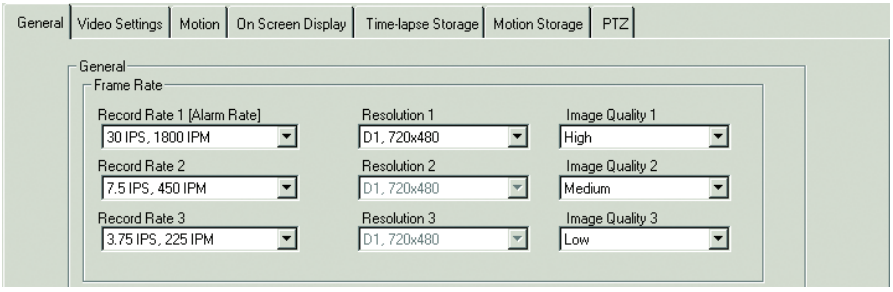



**Figure 6.** General Tab on DS RealVue and DS 1000 Systems

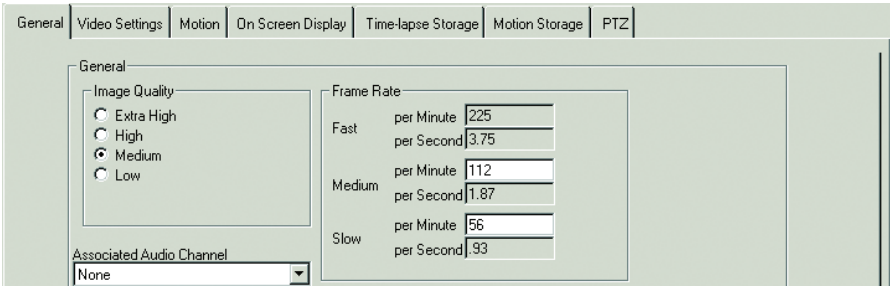



**Figure 7.** General Tab on Digital Sentry Systems Other than DS RealVue and DS 1000

# Configuring a Recording Schedule

To configure a recording schedule:

1. If all cameras connected to the system will be configured with the same schedule, click the Cameras folder in DS Admin. If the cameras will be configured with different schedules, click the first camera listed (1FS1CAM1).
2. Select the Time-Lapse Storage tab.

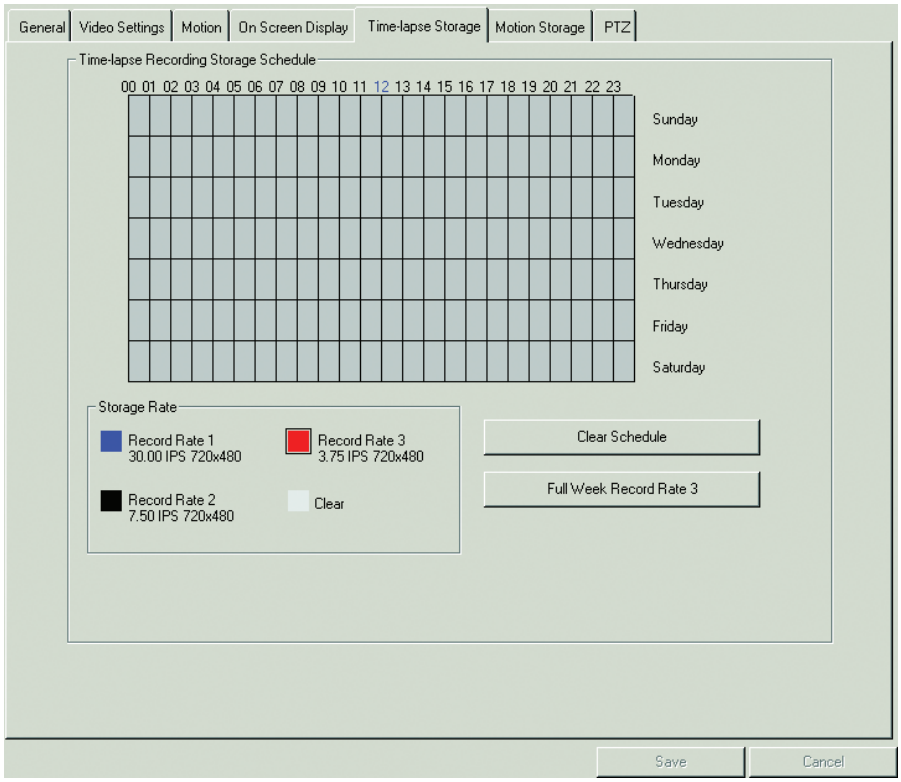



**Figure 8.** Time-Lapse Storage Tab

3. Select a storage rate.
4. On the schedule grid, click and drag the cursor to create schedule boxes. Each box represents the recording schedule for the selected storage rate.
5. Repeat steps 3 and 4 for the other storage rates, if applicable.
6. Click Save.
7. To configure different schedules for other cameras, click the next camera in the directory tree and repeat steps 2 through 6.

# Viewing Live Video

To view live video:

1. From the Windows desktop, double-click the DS ControlPoint icon.
2. Log on to DS ControlPoint using the default user name (admin) and password (admin).
3. Select the Live icon  located in the navigation pane, on the left side of the DS ControlPoint window (refer to Figure 9).
4. Select the Systems button.

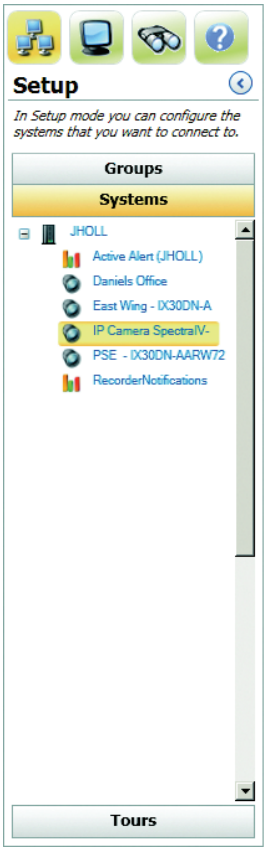



**Figure 9.** Navigation Pane

5. Click the plus sign (+) to expand the tree and to view a list of cameras connected to the DVMS.
6. Drag and drop a camera name into a video window to view live video from that camera (refer to Figure 10).

   **NOTE:** When you drag a DataPoint device into a video window, a menu appears that allows you to select a data format. The data format options vary depending on the type of device selected.

7. Repeat step 6 for each camera to be displayed.

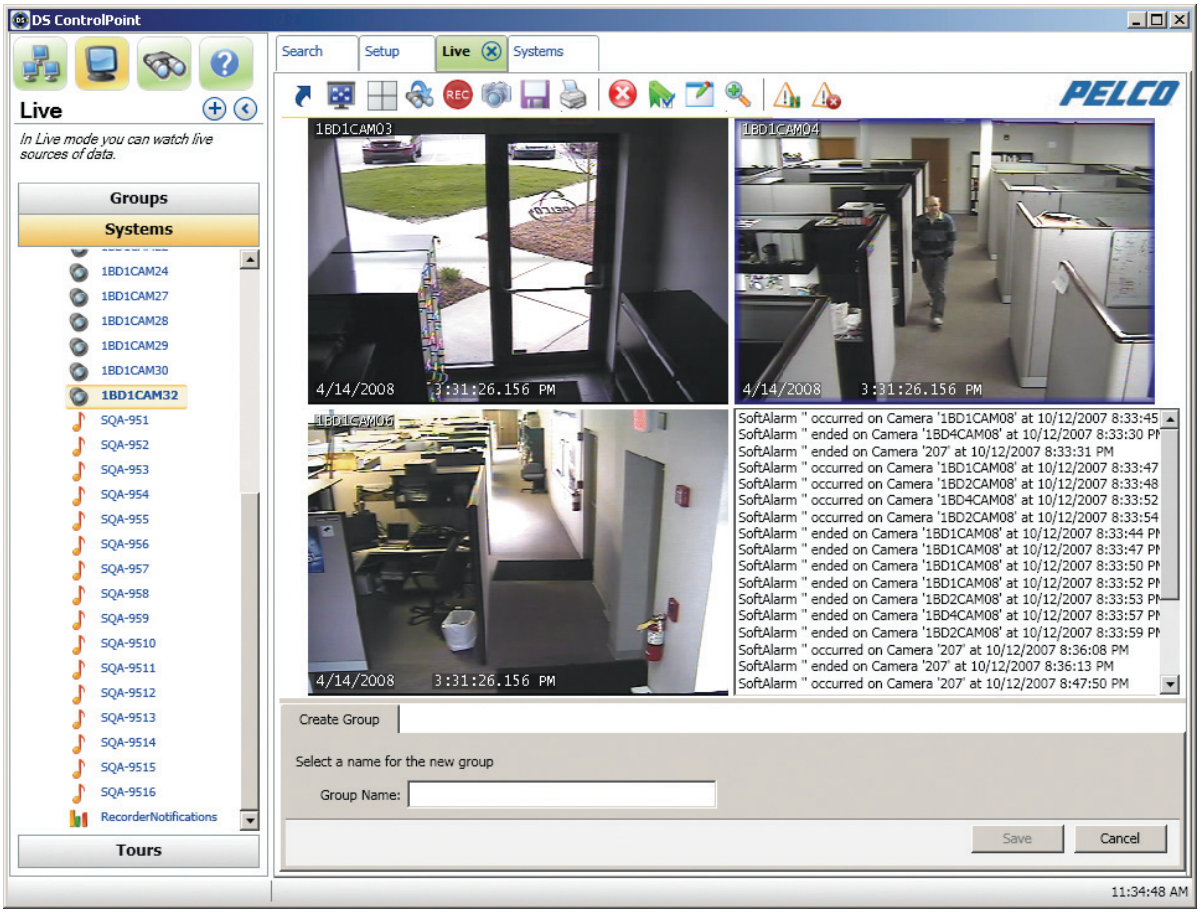



**Figure 10.** Live Video Page

# Searching for Recorded Video

To run a quick review of video from currently displayed cameras, click the Quick Review icon and select the amount of video you want to view from the list.

To search for video using additional parameters:

1. Click the Search icon.
2. Click the Search button.

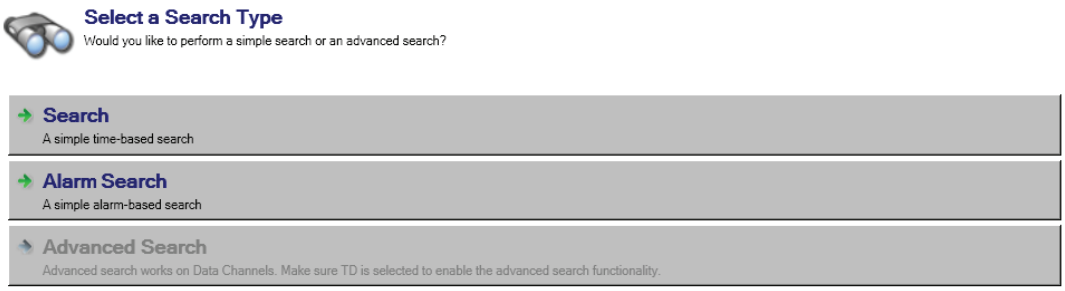



**Figure 11.** Search Button

3. Drag and drop cameras from the navigation pane into the video windows.
4. Enter the Start Time and End Time, and then click Next.

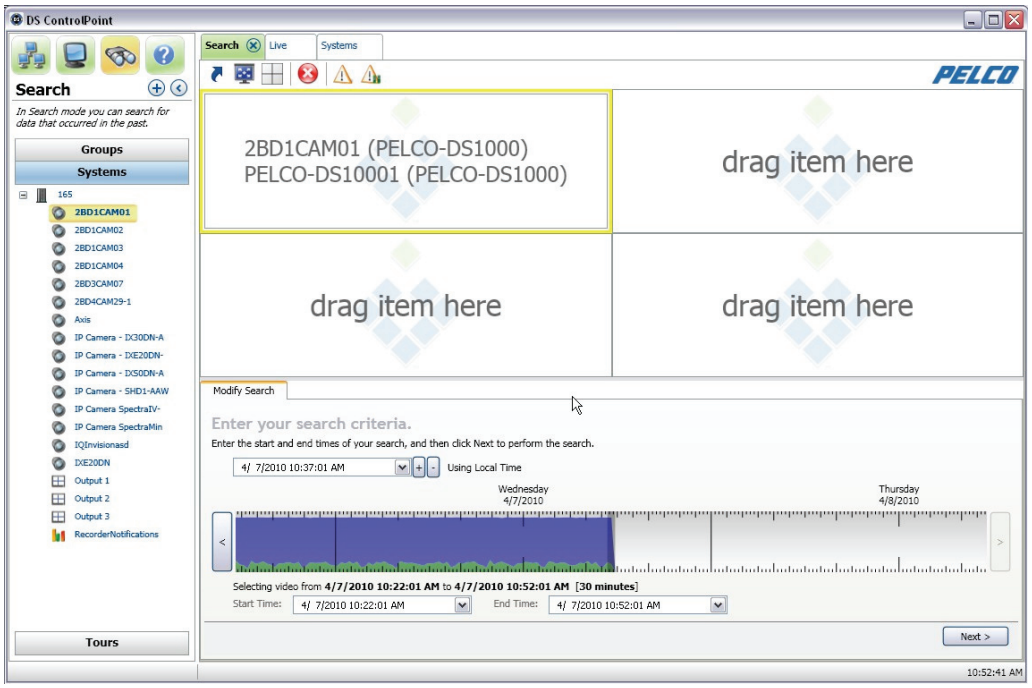



**Figure 12.** Search Page (DS Camera Shown)

Use the following methods to enter your search criteria:

- Use the mouse wheel or the plus (+) and minus (-) buttons located in the Modify Search tab to zoom in and out on the graph.
- Click the arrows on the left and right of the graph to cycle through the time range of the video frames (refer to Figure 13).
- Click the date and time drop-down calendar to adjust the date and time of the search.

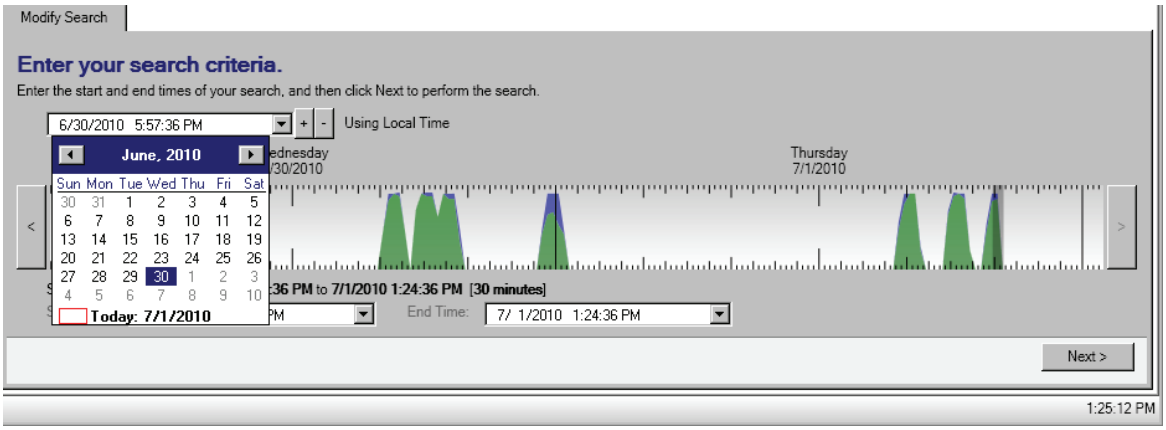



**Figure 13.** DS Camera Search Using Calendar or Plus/Minus Buttons

- You can also click the Start Time and End Time drop down calendars to adjust the date for the search. The time can be adjusted by highlighting and typing in the desired start and end time (Figure 14).

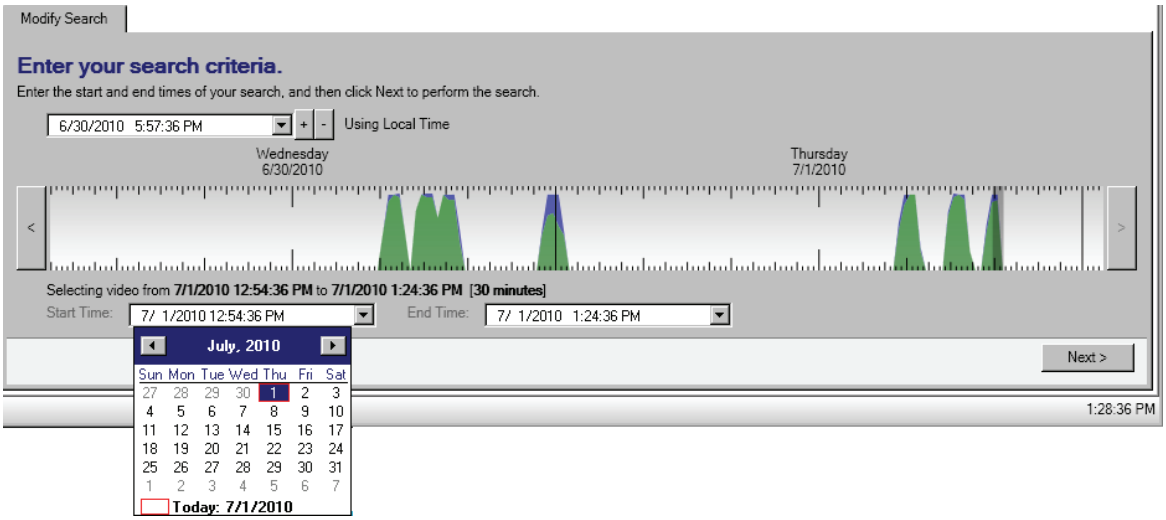



**Figure 14.** DS Camera Search Using Start and End Time Calendars

5. Use the scrub bar and VCR controls to navigate through the video.

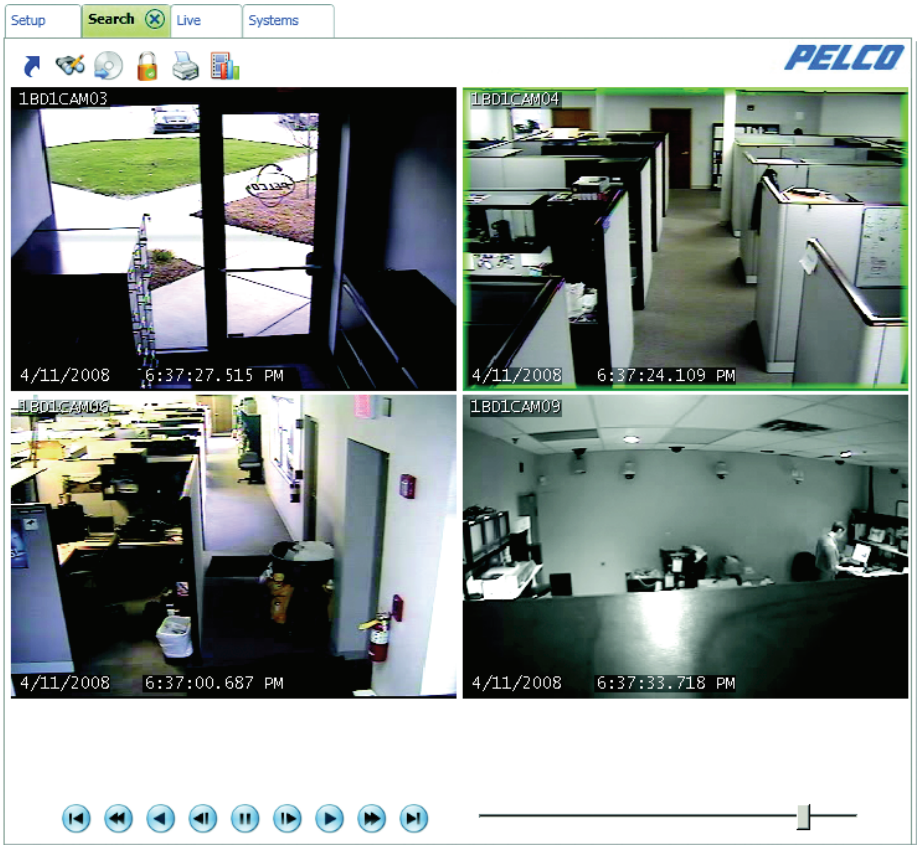



**Figure 15.** VCR Controls

# EXPORTING VIDEO AND IMAGES FROM A SEARCH RESULT

DS ControlPoint allows you to export both recorded video and individual captured images to the client computer's hard drive or other connected media.

**Table A.** Search Page Icons

| | | |
|---|---|---|
|  | Modify Search | |
|  | Export | |
|  | Authenticate Samples | Locks access to shared setup options and requires a password to gain access. |
|  | Print | |
|  | Filter Samples | |

## EXPORTING TO A NON-CD/DVD LOCATION

To export video from a search result to a location on your hard drive (non-CD/DVD), complete the following steps:

1. Click the Export icon .
2. On the Export tab, select Video and click the Next button.
3. Select XPA (if not selected) and click the Next button.

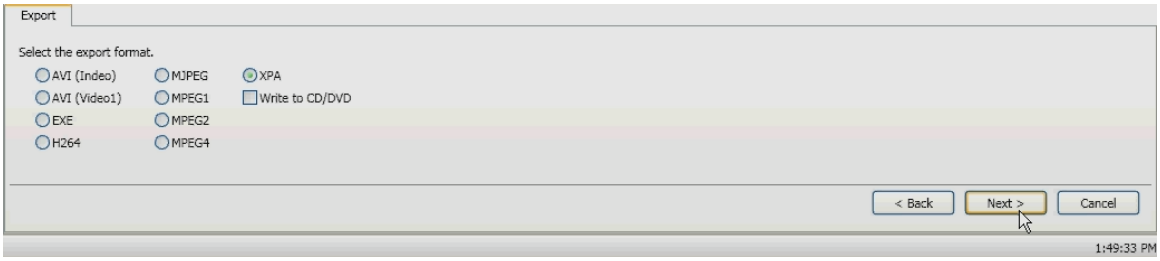



**Figure 16.** Non-CD/DVD Export Format

4. Click the Browse button to select the name and location for the export file, and then click the Next button.
5. Select the streams to export. In this tab, you can choose Select All or Clear All, and then click the Next button.
6. Use the status bar slider to select the beginning of the search result that you want to export, and then click the Next button.
7. Use the status bar slider to select the end of the search result that you want to export, and then click the Next button.

The export begins and the status bar shows the progress of the export. Once the export is complete, the Search Option screen will reappear.

## EXPORTING TO A CD/DVD

**NOTE:** Before exporting to a CD/DVD, make sure you install the Microsoft® Windows® Feature Pack for Storage 1.0, which includes Image Mastering API version 2.0 (IMAPI2). To install the feature pack, go to TechTip.

To export video included from a search result to a CD/DVD, complete the following steps:

1. Click the Export icon .
2. On the Export tab, select Video and click the Next button.
3. Select the export format and click the Next button. You can select AVI (Indeo), AVI (Video1), EXE (self-extracting executable), H264, MJPEG, MPEG1, MPEG2, MPEG4, or XPA.

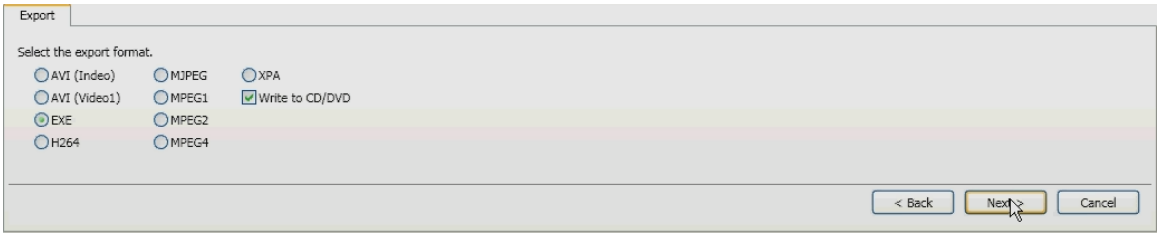



**Figure 17.** Export Formats

4. Select "Write to CD/DVD," and click the Next button.
5. Click the Browse button to select the name and location for the export file, and then click the Next button.
6. Select the streams to export. In this tab, you can choose Select All or Clear All, and then click the Next button.
7. Use the status bar slider to select the beginning of the search result that you want to export, and then click the Next button.
8. Use the status bar slider to select the end of the search result that you want to export, and then click the Next button.

The export begins and the status bar shows the progress of the export. Once the export is complete, the Search Option screen will reappear.

## EXPORTING A SINGLE IMAGE

1. Click the Export icon.
2. Select Image and click the Next button.
3. Use the status bar slider to display the image.
4. Select "Include Video Text Overlay and Best Fit," if desired.
5. Click the OK button to display the Save As window.
6. Type a file name, select the location where you want to save the file, and click the Save button.

# Connecting to Systems Remotely

To connect to a Pelco DVMS unit remotely using DS ControlPoint:

1. Click the Setup icon .

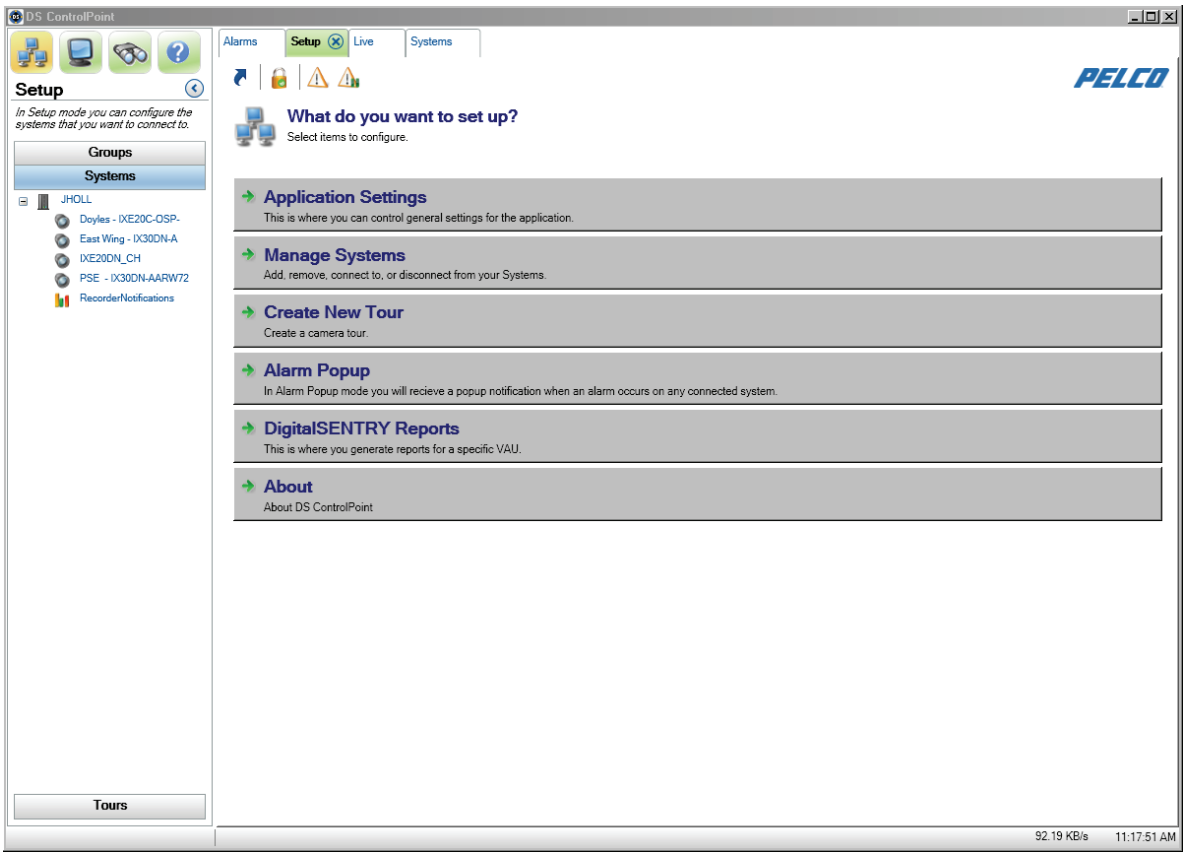



**Figure 18.** Setup Page

2. Click the Manage Systems button.
3. Click the Add System icon . The Add System tab appears.

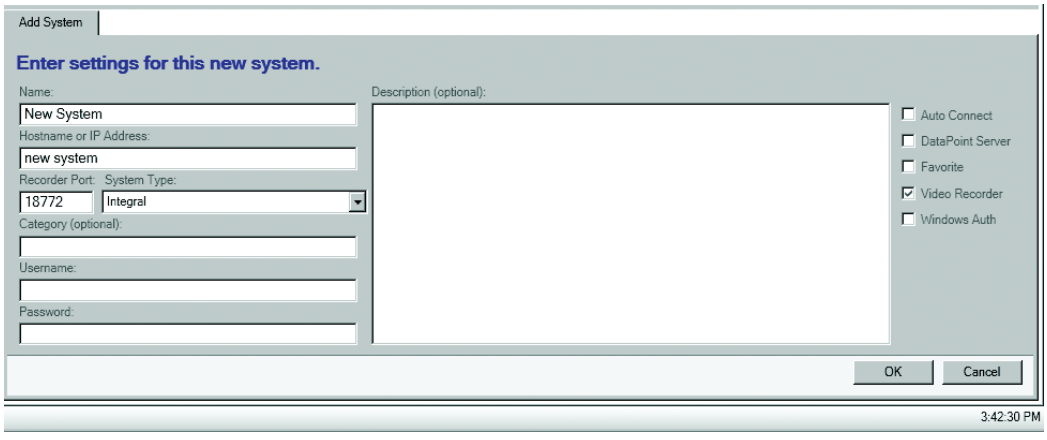



**Figure 19.** Add System Tab

4. On the Add System tab, type the computer name of the DVMS, a host name or IP address, the video recorder network port and system type, and an optional category. The default video recorder network ports are as follows:
   - 18772 for DS
   - 9001 for DX4100/DX4500/DX4600
   - 9002 for DX8000/DX8100
5. Type the required user name and password.

   **NOTE:** The user name and password must be identical to the user name and password on the video recorder system to which DS ControlPoint is being connected.
6. Type an optional description of the system in the Description box.
7. If you want to automatically connect to the system every time DS ControlPoint starts, select the Auto Connect check box.
8. If you want to identify the system as a favorite that can be sorted at the top of the system list with other favorite systems, select the Favorite check box.
9. If the system is a DVMS video recorder, select the Video Recorder check box.
10. If the system is configured for transactional data, such as video analytics, or data from other sources, such as cash registers or ATMs, select the DataPoint Server check box.
11. If you want the system to pass information to Microsoft Windows Active Directory, select the Windows Authentication check box.

    **NOTE:** Active Directory is not required for Windows authentication. It can also be authenticated with local users and groups on a DVR.
12. When configuration of the system is complete, click the OK button to add it to the list of configured systems on the Connection Management page (refer to Figure 20).
13. Repeat all or any portion of steps 1 to 12 (as needed) for each new system.

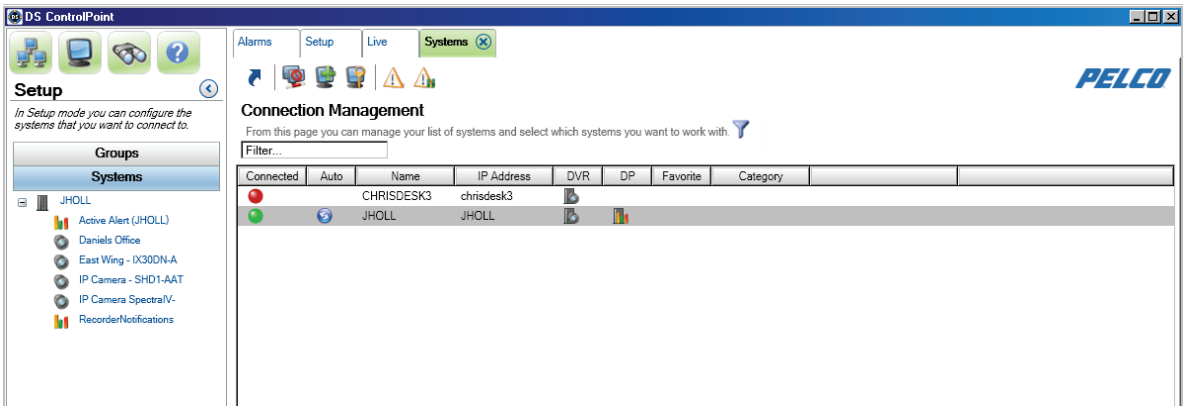



**Figure 20.** Connection Management Page

## 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
  - Unshielded Twisted Pair (UTP) transmission products
  - CC3701H-2, CC3701H-2X, CC3751H-2, CC3651H-2X, MC3651H-2, and MC3651H-2X camera models
- Three years:
  - Pelco-designed fixed network cameras and network dome cameras with Sarix™ technology.
  - Pelco-branded fixed camera models (CCC1390H Series, C10DN Series, C10CH Series, and IP3701H Series)
  - EH1500 Series enclosures
  - Spectra® IV products (including Spectra IV IP)
  - Camclosure® Series (IS, ICS, IP) integrated camera systems
  - DX Series digital video recorders (except DX9000 Series which is covered for a period of one year), 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
  - PMCL5xx Series FHD 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 TI2500 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.

2-10-10

Green 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 |
|---|---|---|
| C3676M | 5/08 | Original version. |
| C3676M-A | 10/10 | Added new export and log on sections; updated the "Connecting to Systems Remotely" section along with various graphics. |

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