



Alliance 8300 CCTV Interface Guide

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Important information

Alliance 8300 provides a user interface for event-triggered video — a way to associate pre-set cameras, door/reader transactions, and alarm transactions with video display via the Alliance 8300 user interface. Event-triggered video recording enables you to access live and recorded video and initiate camera control at any workstation within an Alliance 8300 system.

Purpose

This manual provides instructions for setup and operation of the integrated digital video surveillance option for Alliance 8300.

Who should read this manual

This manual is intended for:

- Installation technicians
- System administrators who are responsible for the planning and implementation of the system design, and who perform system configuration and setup using Alliance 8300 forms that are accessible only to the master-level operator.
- System operators, using Alliance 8300 forms and windows accessible through the graphical user interface (GUI)

The material in this manual has been prepared for persons responsible for, and familiar with, the security needs of the customer facility.

Related documentation

For more information, refer to the following:

- *Alliance 8300 Online Help System*: Provides reference information, such as screen and field descriptions, along with instructions for system administrator duties, such as configuring Alliance panels.
- *Alliance 8300 Installation Manual*: Provides information for Integration Technicians to set up, install, and configure an Alliance 8300 system.
- *Alliance 8300 Administration Manual and Operation Guide*: Provides information for both the system administrator and the operator to program, configure, and use the Alliance 8300 system.
- *Alliance 8300 API Manual*: Alliance 8300 API (Application-Program Interface) provides the ability to import data from external applications such as a Human Resource Management System.
- *Alliance 8300 Imaging User Guide*: Provides instructions for users of the optional Imaging package.

Typographical conventions

This manual uses certain notational and typographical conventions to make it easier for you to identify important information.

Table 1. Notational and typographical conventions

Item	Description
Command sequences	Where appropriate, command sequences are abbreviated with the ">" symbol. For example, the command "Click Start, and then click Run" is written as "Click Start > Run".
Command alternatives	Many commands can be executed in a variety of ways including menu bar, tool bar, shortcut keys, right click, or double click. In general, commands are described from their menu bar location only, even when alternatives exist.
Keys	Capitalized, for example "press Enter".
Keystrokes	Text that you type is indicated in Courier New font. For example, "Type <code>dcomcnfg</code> ".
Expanding a "tree" view	The word "expand" is used to indicate that selections may be hidden. For example, the command "Click the + box next to Computers" is written as "Expand Computers".
Notes	Notes alert you to information that can save you time and effort.
Cautions	Cautions are displayed to advise the user that failure to take or avoid a specified action could result in loss of data.

Overview of Alliance 8300 DVR

The Alliance 8300 digital video surveillance option (DVR) is integrated into the Alliance 8300 system and requires its own hardware and software. It supports UTC Fire & Security digital video multiplexer/recorders as specified in “Hardware requirements” below.

The Alliance 8300 integrated digital video system provides the capability to automatically control CCTV cameras and monitor activities when Alliance 8300 alarms or readers change state. In order to monitor the alarms and readers, the desired Alliance 8300 activities must be mapped (linked) to the appropriate cameras set up in Alliance 8300. An alarm is cleared and responded to by the operator from the Alliance 8300 Alarm Monitor form or when the Alliance 8300 alarm resets.

See “Navigating the DVR system” on page 13 for details about using Alliance 8300 DVR.

Setup overview

To perform a successful configuration:

1. Set up the Alliance 8300 DVR system including all devices.
 - Refer to “Hardware requirements” below.
 - Refer to the *Alliance 8300 Installation Manual* and documentation received with your digital video equipment for additional setup instructions.

Tip: If using WaveReader digital video software, it may be installed on any Alliance 8300 computer, Server or client. Refer to installation instructions received with your DVR.

2. Configure the digital video devices. Refer to Table 2 on page 3; and see “Configuring Alliance 8300 DVR” on page 4.

Once the Alliance 8300 and DVR systems are set up and configured, operation of the digital video system is accessible through the Alliance 8300 GUI.

Hardware requirements

Requirements for integration with UTC Fire & Security digital video products

Note: UTC Fire & Security discontinues support of standard DVSR from the next release. Please upgrade any DVSR with version below V2.24R to V2.24R or later. Contact your DVSR supplier for details.

The following products are presently supported: DVMR^e CD, DSR2000^e, SymDec*, DVSR, DVMR^e CT, SymVeo*, SymSafe*, DVSRxU, DVMR^e-CTII, SymNet*, SymSafe Pro*, BLADE*, SDVR PII, Legend IP*, TVR 10, TVR 40, TVR 60, TVN 20.

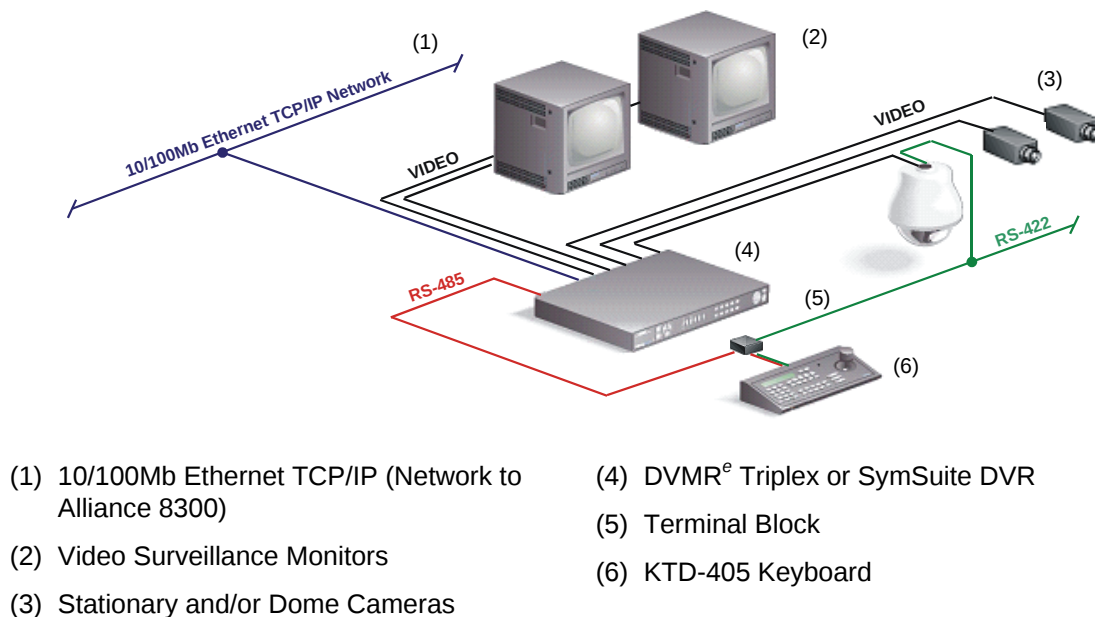
* Alliance 8300 is not compatible with video streaming that contains audio data. Audio recording must be disabled in these devices.

Refer to your UTC Fire & Security manuals for hardware setup and installation specifics.

Note: Increasing the processor speed and memory on the Alliance 8300 Server and/or client workstations may be required for optimizing performance in your specific application.

Sample hardware configuration

Figure 1. Sample Digital Video Triplex Recorder System



Note: A ProBridge PTZ data translation device is not required for DVMR^e triplex models.

For the Alliance 8300 System

For the Alliance 8300 computer, refer to the *Alliance 8300 Installation Manual* or *Alliance 8300 Administration Manual and Operation Guide* for details on setting up your Alliance 8300 system.

The number of supported DVR connections in Alliance 8300 Professional Edition depends on the License settings. Up to 64 DVRs may be available.

DVR devices can be hosted on the Alliance 8300 Server computer and Alliance 8300 client computers. The actual number of DVR devices hosted on Server computer should be minimized to preserve system resources. Distributing DVR hosting across dedicated Client computers is required for optimizing system performance.

Setup outline

Table 2 below outlines the steps to set up a UTC Fire & Security digital video recorder on an Alliance 8300 computer.

Table 2: Steps to configure and operate an Alliance 8300 Digital Video System

Task	Menu > Form	Information Source
1. Set up and program digital video devices (repeat this step for each DVR)	—	Refer to your specific UTC Fire & Security product documentation.
2. Configure digital video recorder system		"Configuring Alliance 8300 DVR" on page 4
a. Set up operators and permissions	Administration > Permissions	<i>Alliance 8300 Administration Manual and Operation Guide</i>
b. Configure the digital video recorder (DVR)	Device > Digital Video Recorder	"Configuring Alliance 8300 DVR" on page 4
c. Create Preset records	Administration > Camera Preset	"Creating camera presets" on page 8
d. Configure the cameras	Devices > Camera	"Configuring cameras" on page 9.
e. Set up event triggers	Administration > Event Trigger	"Setting up event triggers" on page 10
f. OPTIONAL: Set up alarm graphics	Operations > Alarm Graphics Editor	"Optional: Creating alarm graphics" on page 12
3. Operations		"Managing Alliance 8300 DVR" on page 13.
a. View and control digital video system devices	Operations> Digital Video Viewer	"Navigating the DVR system" on page 13.
b. Monitor badge activity	Operations > Badge Monitor	"Monitoring badge activity" on page 18
c. Monitor alarm activity	Operations > Alarm Monitor	"Monitoring alarm activity" on page 19
d. View alarm graphics	Operations > Alarm Graphics View	"Viewing alarm graphics" on page 19

Configuring Alliance 8300 DVR

You will define your digital video recorder surveillance options using the Operations, Device, and Administration menus and forms within Alliance 8300.

Perform the steps in the order they appear. Refer to the *Alliance 8300 Online Help* for additional information.

Creating operator records and setting permissions

Operator records

Use the Administration menu, Operator Form to create operator records that allow individuals to access the Alliance 8300 program.

To set up operator records:

1. Click Search.
Result: If applicable, a list of existing records displays.
2. You may select an existing record or click Add to add a new record.
3. Select a Facility from the drop-down list or leave the default, Ignore Facilities, allowing any operator to see this record. Those facilities available for assignment by this operator will appear in the Facility drop-down list.
4. Enter the following:
 - Login ID the operator will use to log in
 - Name of the operator
 - Password the operator will use to log in
 - Click the drop-down list of available permissions. Select the desired permission.
 - Select a language.
5. The Facilities tab of the Operator Form displays the facilities assigned to the current operator. Click Assign Facilities to display a list of the facilities available for assignment to this particular operator. Facilities can be moved to the Assigned list by highlighting and clicking the appropriate arrow. Facilities can be removed from the Assigned list by highlighting and pressing the appropriate arrow.

Setting permissions

Use the Administration menu, Permission, to display the Permission Form to create permission records. The permission records that you create define the actions operators may perform on those forms within Alliance 8300.

The information on the left side of the form can be viewed one of two ways: Show by Action and Operator. This option is accessed by right-clicking the mouse button while the mouse pointer is under the tab.

- Show by Action lists the actions (none, read, update, all) followed by the forms assigned to them. Operator displays the Operator Form, which shows permissions assigned to existing operators.
- Forms lists the forms within Alliance 8300. If a + appears on the left of the form name, then additional items are available. Click the + to the left of the form to display any additional forms. You can also double-click the form menu to view the additional forms.

Four types of actions can be assigned:

- “None” means that no access is given to that form.
- “Read” means that read only access is given. The form and the associated records can be viewed but not modified.
- “Update” means that the records on that form can be viewed and modified.
- “All” means that the records on that form can be viewed, modified and deleted.

Mixed is not an action to be assigned. It is used only on this form to signal that any forms beneath a general title have different actions assigned.

Creating Digital Video Recorder records

Define and configure your DVR record by selecting Device > Digital Video Recorder. The form opens with the Definition tab displayed.

To define a digital video recorder:

1. Click Search.

Result: If applicable, a list of existing records displays.

2. You may select an existing record or click Add to add a new record by entering a unique name in the Description field.
3. Select a Facility from the drop-down list or leave the default, Ignore Facilities, allowing any operator to see this record. Those facilities available for assignment by this operator will appear in the Facility drop-down list. A facility option can be designated for your DVR.

When you change a facility designation, it changes the facility for the DVR only. You receive a message displaying: Do other devices change to the same facility as the digital video recorder? Select Yes or No. If you select Yes, the alarm record and camera records change as well. You need to verify the accuracy of the revised records.

Digital Video Recorder form tabs

The Digital Video Recorder Form contains the tabs listed below. Complete each tab in the order they are listed.

Note: Some options might be unavailable for particular DVR models.

Definition tab

To define your Digital Video Recorder:

1. Select a DVR Type from the drop-down list. This field will not be available for edit on existing records. When you click Save, the number of camera records will be created equivalent to the type of DVR you selected.
2. Enter a DVR Address, a unique Alliance 8300 logical address associated with this DVR (from 1 to 255). This field will not be available for edit on existing records. This number is used in Alliance 8300 software to uniquely identify the DVR and its related records.
3. Enter a Bus Address. The bus address is a 2-digit field in the range of 1 to 32. The bus address refers to the physical DVR device address on the RS-485 bus and must be unique when multiple DVRs exist on a single bus and/or for controlling cameras with PTZ capability.
4. Select a Host Computer PC Name from the drop-down list of computers that will host the defined DVR and act as its communications server.
5. Enter Poll Interval as the length of time in seconds that will elapse prior to a status request being sent to the DVR for verification of communications and processing of error and/or alarm messages since the last poll.
6. Enter Timeout as a length of time to wait for a response after a request prior to retrying (if no response has been returned).
7. Enter Retry Interval as the length of time to wait between retries.
8. Enter Retry Count as the number of retries to attempt before qualifying a communications failure.
9. Next, select the Communications Settings Tab.

Communications Settings Tab

To complete the communications settings:

1. Enter a TCP/IP Address. This option allows you to assign or edit a network connection IP address for the DVR.
2. Enter a Connection Port*. It allows assigning or editing the network connection port. The default value depends on the DVR type selected. The connection port must be the same as configured in the DVR.
3. Select a PTZ Control option. Select TCP/IP or None. The default is None. TCP/IP is to be selected if cameras with PTZ capability are configured on this DVR and require control from Alliance 8300. None is to be selected if all cameras on this DVR are either fixed or if no control of PTZ cameras is desired.
4. Select an Event Tagging* option. Select TCP/IP, or None. The default is None. Select TCP/IP if event triggers are required to tag recorded video upon activity from defined readers and alarms. Select None if no tagging of

recorded video is required for event triggers and only access to live video is desired upon activity from defined readers and alarms.

5. Select a Time Sync Interval option. The DVR date and time clock can be synchronized by its host computer to ensure that access control, alarm, and video events across the entire system are time stamped in sync.
6. When DVRs on a centralized system reside in different time zones, the DVRs should be hosted by computers in their same time zone. The Alliance 8300 hosting computers will synchronize their DVR clocks at the interval selected as well as immediately manage any system date and time changes including daylight savings time. Select None (default), 1 Hour, 4 Hours, 8 Hours, 12 Hours, or 24 Hours. If DVRs are required to be synchronized with the Alliance 8300 system date and time clock, 12 Hours is a recommended setting for most systems.
7. Next, select the Video Display tab.

Note: Settings marked with “*” are available only for certain DVR types.

Video Display Tab

To configure your display settings:

1. From the drop-down list, select your video display Resolution* as Low, Medium, or High.
2. From the drop-down list, select a video Window Size: Small (180 x 121); Medium (360 x 242); or Large (720 x 484). Window sizes are to be selected based on achieving the best display quality for the selected resolution. A medium window size with a medium resolution is an optimum selection for most systems.
3. Select Black and White* if you choose to further reduce the size of images transmitted over the network for display purposes. Video will display in black and white; however, the video remains locally stored on the DVR in its original recorded resolution and color settings.
4. Enter Max Search Time for Recorded Events (sec)*. Enter number of seconds. This selection is the length of time a search request for recorded video will wait before timing out. Search times may vary depending on network traffic, DVR processing load, and number of recorded events.
5. Select Video Standard PAL or NTSC*. NTSC is the National TV Standards Committee and is the U.S. TV standard administered by the FCC. PAL is an Australian and European TV standard.
6. Enter the same user name* programmed in the DVR you want to log in with.
7. Enter the same Password, if any, that has been configured locally in the DVR for authenticating remote network connectivity. This is not a required field and the default is no password.
8. Select Video Connection mode* for live view. In case you select Multicast, you must enter multicast address set in the DVR.

9. Click Save.

10. Follow the sequence below to put the DVR online:

- Select Operations > Digital Video Viewer (or press ALT-F9).
- Expand the tree under Digital Video Network until the DVR is visible.
- Right-click on the DVR icon. Select Online to switch the DVR to online state.

11. Select the Status tab.

Note: Settings marked with “*” are available only for certain DVR types.

Status Tab

Click Search to display digital video records in the right pane of the Digital Video Recorder Form window. After selecting a DVR from the right pane of this form window, click Status. The Status pane displays the General, Camera, Record, Archiving, and Ethernet Status of the selected DVR. (The selected DVR must be online in order to obtain status.)

Click Status to refresh or update changes that occurred since the last Status request.

Note: The DVR has to be online for the status information retrieving to be possible.

Creating camera presets

Note: This option is available for PTZ cameras only.

Presets are numbers that represent a camera view position stored inside the camera. When activated, Alliance will send a "call preset" command to the DVR/camera for the selected preset number. After setup and programming of your DVR devices to meet your monitoring requirements, you'll need to parallel the settings and positions in the Alliance 8300 configurations. Presets must be defined before you can assign them to a camera on the Presets tab of the Camera Form.

To create preset records:

1. Click Administration > Camera Preset. The form opens with the Definition tab displayed.
2. Click Search.

Result: If applicable, a list of existing records displays.

3. You may select an existing record or click Add to enter a new record with a unique name in the Description field, describing or numbering a preset camera position.

Note: Presets are registered positions of camera views represented by a number. Hence, different cameras may use the same preset number.

4. Select a Facility from the drop-down list or leave the default, Ignore Facilities, allowing any operator to see this record. Those facilities available for assignment by this operator will appear in the Facility drop-down list.
5. In the Preset field, enter a number within the range of 1 to 32. This number will only reference the preset number programmed and stored in a camera with PTZ capability.
6. Click Save.

Result: The preset can now be assigned to cameras.

Configuring cameras

Edit existing camera parameters by selecting Device > Camera. The form opens with the Definition tab displayed.

Camera records are automatically created when a DVR is defined on the Digital Recorder Form. The number of camera records created corresponds to the DVR type you selected on the Digital Video Recorder Form. The form opens with the Definition tab displayed.

To configure a camera record:

1. Click Search.

Result: A list of existing records displays in the format: "00X-0X Camera", where 00X is the DVR address and 0X is the camera number.

2. Select an existing record to display the camera in the Description field.
3. Select a Facility from the drop-down list or leave the default, Ignore Facilities, allowing any operator to see this record. Those facilities available for assignment by this operator will appear in the Facility drop-down list.

Camera Form Tabs

The Camera Form contains the tabs listed below. Complete each tab in the order they are listed.

Definition Tab

To configure your camera options:

1. The Address of the camera is automatically assigned. The address is a 2-digit number that should correspond to the camera channel on the back of the DVR.
2. The DVMR field displays corresponding DVR with which this camera is associated.
3. Select Camera Type as type of camera behavior, Fixed or PTZ, from the drop-down list.
4. By default, Enable Camera is selected. The camera can be enabled or disabled for viewing and managing from within Alliance 8300 and setting

accessibility from the Digital Video Viewer. Disabled cameras do not display on the Digital Video Viewer.

5. Next, select the Presets tab.

Presets Tab

The Presets tab allows you to assign previously defined presets to a camera (presets must first be defined on the Camera Preset Form). Presets can only be assigned to cameras with PTZ having this feature enabled.

To assign presets to a PTZ camera:

1. Click Assign Camera Presets to display the Camera Preset Assignment form. A list of available camera presets displays, enabling you to select and assign or unassign one or more presets for the selected camera.

Result: When the Camera Preset Assignment form closes, the selected presets display in the Assigned Presets list box of the Presets tab window.

2. Click Save to save the selections.

Setting up event triggers

When you select Administration > Event Trigger, the form opens with the Preset/Camera tab displayed. Use this form to create triggers by defining the logical rules that will initiate event-driven video response.

To set up event triggers:

1. Click Search.

Result: If applicable, a list of existing records displays.

2. You may select an existing record to edit or click Add to add a new record by entering text up to 64 alphanumeric characters in length, in the Description field. The description should convey specific information relating to a physical location, camera, reader, or state, for example:

Front Door Inv Badge Camera 1 Reader 1

You can assign a reader alarm or camera alarm or both and this can be reflected in the description of the Trigger. You will be required to complete all tabs before you are able to Save your entries and selections on this form.

Event Trigger Form Tabs

The Event Trigger Form contains the tabs listed below.

Preset/Camera Tab

You have three options on the Preset Camera tab:

- Edit: Click to display the Preset/Camera Selection window. You are able to edit an existing Preset and Camera combination associated with this Event. This option is disabled if there are no existing records.

- **Add:** Click to select a camera and corresponding preset. The available presets for a camera display after you select the camera. Click OK. The addition now displays in the Assigned Preset/Camera box.
- **Remove:** Select and click to remove a Preset and Camera combination from the list of available combinations in the Assigned Preset/Camera box. This option is disabled if there are no existing records.

RAS/Door Tab

Select the RAS or Door and transaction types that will become the source for initiating the Event Trigger.

To assign a Door or RAS to an event trigger:

1. Click Assign Door or RAS to display a Door/RAS Assignment window, enabling you to select and assign a Door or RAS to this Event Trigger. The list displays Door or RAS assigned to this Event Trigger record.
2. In the Transactions section, select any or all of the options as types of Door or RAS transactions to trigger an event.
 - Valid
 - Invalid
 - Unknown
 - Lost
 - Unlock
 - Lock
 - Open
 - Close
 - Trace
3. In the Tag Selection section, select one of the Tag options.
 - **None:** No tag is sent to the DVR for marking recorded video or manipulating record rate.
 - **Tag only:** A tag is sent to the DVR for marking recorded video at the cameras current record rate.
 - **Tag as event:** A tag is sent to the DVR for marking recorded video and for changing the cameras record rate to its event record rate settings.

Alarms Tab

This tab allows you to select alarms and alarm transaction types that will become the source for this Event Trigger.

To assign alarms to an event trigger:

1. Click Assign Alarms to display an Alarm Assignment window, enabling you to select and assign an alarm record for this Event Trigger record.
2. Click OK.

Result: The alarms now display in the Assigned Alarms windowpane.

3. Select any or all of the options as types of alarm transactions to trigger an event: Alarm or Reset.
4. Select one of the Tag Selection options.
 - None: No tag is sent to the DVR for marking recorded video or manipulating record rate.
 - Tag only: A tag is sent to the DVR for marking recorded video at the cameras current record rate.
 - Tag as event: A tag is sent to the DVR for marking recorded video and for changing the cameras record rate to its event record rate settings.
5. Click Save to save the selections.

Optional: Creating alarm graphics

You can create a graphical view of alarm states for the alarms you selected. Select Operations > Alarm Graphics Editor to display the Alarm Graphics Editor Form.

Drag the required camera from the device list onto the map and drop it at the location.

Refer to the *Alliance 8300 Online Help* to assist you in completing the details of specific options on this form.

Managing Alliance 8300 DVR

Using your computer, the digital video recorder system allows you to search and view video directly from your Alliance 8300 system computer through use of an Ethernet. You can also view tagged video recordings that have been archived by the recorder onto internal disk storage.

For additional options and capabilities of your DVR hardware not covered in this chapter, refer to the UTC Fire & Security documentation shipped with your digital video recorder.

Moving DVR windows

The Digital Video Viewer program windows may be independently moved anywhere on the desktop and their pop-up positions saved. This functionality applies to the Digital Video Viewer, DVR Search, and each recorded and live video window, and is incorporated to facilitate multi-window management for both single and multi-monitor workstation configurations.

- **Move a Window:** Left click the title bar of any window and drag to desired position of your desktop.
- **Save Window Position:** Point and right-click in the window title bar, data box, or button panel background to display and select the Save Position from the shortcut menu.

When you exit and re-launch the Digital Video Viewer program, the window will display at the saved position.

Navigating the DVR system

DVR system access

The digital video recorder system is accessed in several ways:

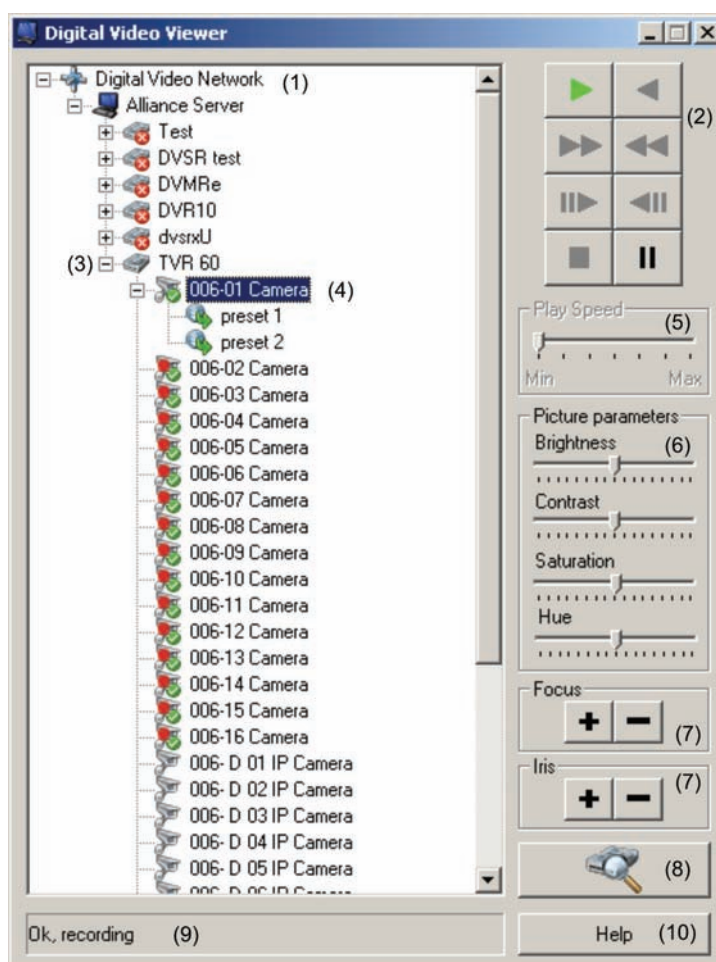
- Open the Operations menu, and then click Digital Video Viewer.
- Click the Digital Video Viewer icon on the Alliance 8300 toolbar.
- Click the Camera button on the Badge Monitor Form. You must click a badge activity with a camera association in order to enable video options on the shortcut menu.
- Click the Camera button on the Alarm Monitor Form. You must click an alarm activity with a camera association in order to enable video options on the shortcut menu.

Shortcut options for each selection are described in detail in *Alliance 8300 Online Help*.

Navigating Digital Video Viewer

Your Digital Video Viewer window may look similar to the following.

Figure 2: Digital Video Viewer Window — Recorders and Cameras have shortcut menus



- | | |
|-------------------|--|
| (1) Network list | (6) Live view picture parameters (DVSR only) |
| (2) Play controls | (7) Focus and iris for PTZ |
| (3) Recorder | (8) Digital video search |
| (4) Camera | (9) Data box |
| (5) Play speed | (10) Help |

The main Digital Video Viewer program window consists of the following elements.

Shortcut menu: Recorder

Right-click a recorder (DVR) in the Digital Video Viewer window to access the following commands:

- **Online:** Select Online to initiate a connection between the host computer and the DVR. The DVR will be monitored; event triggers will be processed; and video can be accessed.

- **Offline:** Select Offline to disconnect the host computer from the DVR. The DVR will not be monitored, event triggers will not be processed, and video cannot be accessed.
- **Start Recording:** Click Start Recording to force a DVR into record mode if it is presently out of record mode (see note below for DVMRe Triplex).
- **Stop Recording:** Click Stop Recording to force the DVR out of record mode. Live video cannot be accessed and event triggers cannot be processed if the DVR is not in record mode (see note below for DVMRe Triplex).
- **Edit:** Click Edit to display the Digital Video Recorder Form, and depending on your permissions, view or edit the DVR configuration.

Notes

- The manual start and stop recording commands are not supported for Symdec 16 DVR.
- For DVSR recording control is possible individually per channel, therefore there is no option Start Recording or Stop Recording in the menu for DVSR recorder. These options are accessible via the corresponding Camera menu.

Shortcut menu: Camera

Right-click a camera in the Digital Video Viewer window to access the following commands:

- **View Live:** Select View Live to call up a live video window for that camera.
- **View Recorded:** Select to call up a video playback window for that camera. Before a playback will be shown, the calendar will be shown. Define the starting date and time of a record and press Play.

Note: For DVSR, DVSRxU, and TVRs recorders the video playback end time depends on the moment of starting playback.

- **Edit:** Click Edit to display the Camera Form, and depending on your permissions, view or edit the camera configuration.

Options below are available only for cameras connected to a DVSR:

- **Start Recording:** Select this option to force DVSR recording video from the selected camera.
- **Stop Recording:** Select this option to stop DVSR recording video from the selected camera.

Shortcut menu: Preset

Right-click a preset in the Digital Video Viewer window to access the following commands:

- **Call Preset:** Click this command to move the camera into the selected PTZ preset.
- **Set Preset:** Click this command to save the current PTZ settings of the active camera as the selected preset.

Note: The Set Preset command is allowed when the Live View window of selected camera is open, and operator permission concerning Digital Video Viewer related actions is set to “All”.

Digital Video Network list

The Digital Video Network List is an expanding hierarchical display of your digital video network devices as defined in the system database. These devices include host computers, DVRs, cameras, and presets. The Digital Video Network List also acts as a system monitor for its devices, providing graphical display of device conditions and status changes. Shortcut menus for command and control operations of DVRs and cameras can be quickly accessed using right-click mouse button navigation.

Play controls

The play controls allow you to control and adjust live video and playback of recorded video. The controls affect only the video window that is active or in focus. Functions refer to the video display that is selected or in focus.

Focus/Iris

Adjust playback of live video from a PTZ camera with the following controls:

Focus +: Click to increase the sharpness of the image from the live camera display.

Focus -: Click to decrease the sharpness of the image from the live camera display.

Iris +: Click to allow more light to fall on the image sensing device, appearing to increase the light of the live camera display.

Iris -: Click to close down or decrease the light falling on the image sensing device. Sufficient light is maintained and controlled for the live camera display.

Play Speed

The DVR playback speed can be adjusted by this slider option from minimum to maximum speed. This option is available only when a search option is selected or playback of recorded video is activated.

Picture Parameters

In case of DVSR, there is a possibility to adjust brightness, contrast, saturation, and hue, using the sliders. These options are available only during the live video display.

Digital Video Search

Click the Digital Video Search icon to display and enable the DVR Search window. Refer to “Navigating DVR Search” *on page 17*.

Help

Click Help to activate the DVR Digital Video Viewer Help system.

Data Box

This box displays an abbreviated textual description of the video device.

Recording Disk is Full

When the DVR internal storage disk capacity for storing video is at 10% or less, a warning notification will display on the Alliance 8300 Alarm Monitor Form as a Disk Full alarm. The management of this disk state is not accomplished within Alliance 8300. Refer to the documentation shipped with your DVR for specific information relating to your disk options.

Event tagging

When a camera is activated and associated with a RAS or door event or alarm event, the recording for that activity is tagged. During this tagging process, the camera remains actively recording and then archives the recording to disk.

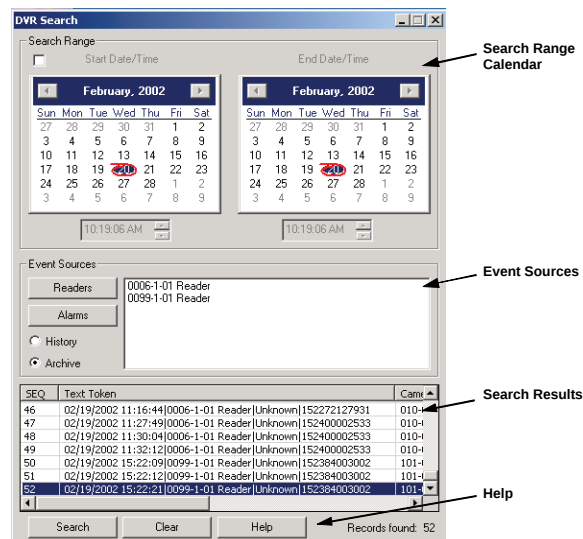
Once recorded, the recording becomes retrievable by a search option based on the event tag. If the Event Trigger that activated the tagging was defined to do Tag as event instead of standard Tag only, the DVR would have changed recording rate to a special event recording rate for a period of time, as predefined during the DVR setup and configuration. Refer to "Setting up event triggers" on page 10 for additional information regarding Tag Selection options.

When tagged events are identified by a search, retrieved and viewed, the video playback begins at the start of the event and continues playing until you elect to discontinue the playback. For explanation of the search options, refer to "Navigating DVR Search" below. The DVR Search window opens when you click Digital Video Search on the Digital Video Viewer window.

Navigating DVR Search

This window displays options to search for a recorded video or tagged event. Your DVR Search window may look similar to the following:

Figure 3: DVR Search Window



Search Range Calendar Entries

Select the check box to enable the Start Date/Time and End Date/Time feature and allow you to establish the parameters of a video search by date and time. This instruction begins the recall of video recording between the start and stop times.

Event Sources

This window also displays options to search for a recorded video sequence or tagged event. Click Readers or Alarms to enable a selection of devices from which to search and display recorded data. Only readers and alarms that were assigned to event triggers using the Event Trigger Form will be displayed.

Search Results

The Search Results windowpane provides a return list of recorded video event tags based on the date and time and event source criteria specified. The Search Results windowpane is divided into columns labeled: Sequence, Description, Camera Number, DVR, Date/Time, and Event Tag. Select the desired event tag and right-click to play the recorded video event. Playback of individual recorded video events is limited to a single user per DVR. If you are unable to access a recorded video event, it may be that the recorded video on the same DVR is presently being accessed or the recorded video event has been overwritten and is no longer present in the DVR.

Click Clear to clear the selected search criteria and search results windowpanes. Click Help to activate the Digital Video Search help.

Monitoring badge activity

The Badge Monitor displays badge activity on the system's door/arming stations. To open the Badge Monitor Form, click Operations > Badge Monitor.

Before the Badge Monitor can display badge activity for a door/arming station, the door/arming stations MUST be marked as Active and Online and the activity for the door/arming station MUST be routed to the Badge Monitor. By default, routing for all transactions is set to the Badge Monitor.

Badge activity designated with a camera graphic indicates association with a live camera and a DVR recording.

Refer to the *Alliance 8300 Administration Manual and Operation Guide* and *Alliance 8300 Online Help* for details of monitoring badge activity.

Monitoring alarm activity

The Alarm Monitor displays alarm (input) activity. An alarm is displayed on the Alarm Monitor if the Monitor field was selected in the Alarm Form.

All acknowledgments are recorded in both Operator and the Alarm History. In addition, all responses are recorded when the alarm is acknowledged.

There are three sections to this form. The top section or pane lists the alarms. The second pane lists any messages assigned to the current (highlighted) alarm. The third pane allows you to respond to an alarm by either selecting a predefined response or entering your own.

Not all options will be available to you. You must click on an alarm activity with a DVR association in order to enable video options on the shortcut menu.

Use the Alarm Monitor Form toolbar to remove alarms from the display.

Refer to the *Alliance 8300 Administration Manual and Operation Guide* and *Alliance 8300 Online Help* system for details of monitoring badge activity.

Viewing alarm graphics

When configuring your alarms, you created a graphical view of alarm states for the alarms you select. In order to view a selected alarm graphics map, click Operations > Alarm Graphics Viewer.

To view the map, select the appropriate map from the drop-down list. Selecting a camera point on the alarm graphics viewer will display a live camera video window for that camera.

Right-click to display the shortcut menu, enabling you to navigate between the Alarm Monitor Form and Alarm Graphics Viewer Form.

