

## PLAYBACK MODE

Menu Bar See below

Camera Window

Right-click an image to access advanced options such as playing audio or changing the default data association for the selected camera.

Click this icon to maximize the image

Date/Time Stamp of the image.

Click "Disconnect" to close playback and return to live mode (see page 4)

Click "Catalog" to see the range of available video.

Enter a specific date and time, then click "Go" to jump directly to that point in time.

Select "Continuous" to play the selected image continuously at any speed.

Use the jog icons to move the selected camera through time.

Transaction Data Window

Select "Cycle Through Open Windows" to move all open windows together (use with "Continuous" or "Go Live").

Click and drag to instantly synchronize two camera windows.

Location Info

Click on a camera name to view the camera.

Click here to hide the transaction window.

Auto-Tile and Sync All Icons

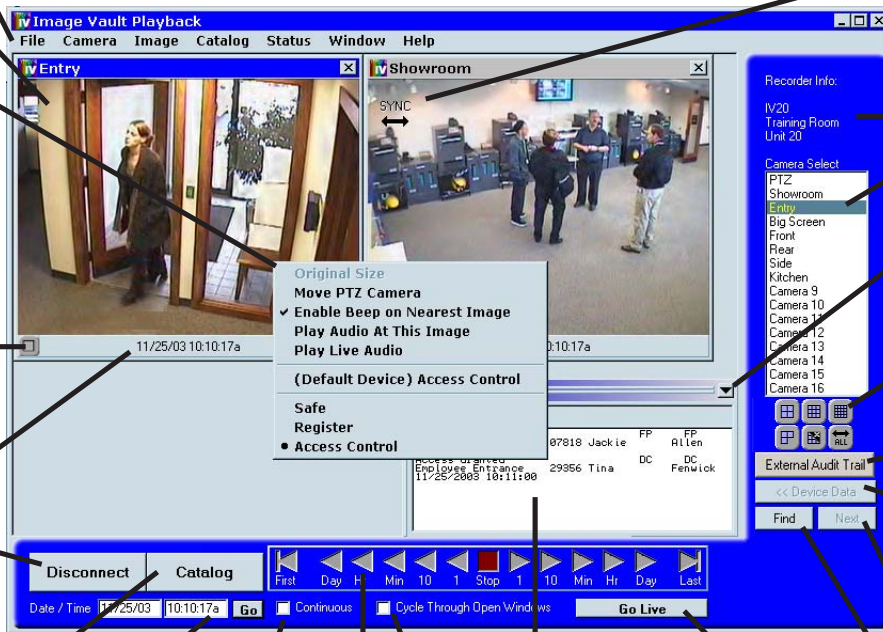
View the Audit Trail

Click here to show the transaction window.

Click here repeat the search.

Click here search the transaction database. (See also page 2)

Click "Go Live" to continuously update the selected camera window with new images as they are recorded.



## PLAYBACK MENUS

**FILE** Manage connections, export still images, or print still images.

**CAMERA** Select a camera to display.

**IMAGE** Jog the camera window through time, search transaction data.

**CATALOG** Download, Copy to CD, Set or View Range Locks.

**STATUS** Configure Setup, Manage Users, View Audit. (See also Page 2)

**WINDOW** Select, Tile, or Close open cameras.

**HELP** Complete help system.

## PLAYBACK FROM CD-ROM

**How do I copy video to CD?** There are two basic methods. Immediately following an incident, such as a robbery, make sure a blank CD is in the DVR's drive and press the "Download Video To CD" button on the front panel or click the "Download Video to CD" icon (live modes). The other method is to use a software command to copy video (Catalog Menu). Any time a CD copy is made, viewing software is included on the CD.

**How do I open and review video from a CD copy?** Insert the CD into your PC's CD drive. The IVVIEW program should launch automatically. If it does not, access your CD drive from "My Computer" and launch the IVVIEW program. Once the IVVIEW program is open, click on the OPEN button in the lower left corner of the screen. Select and open the CDCopy.CLS file on the CD. You may then playback the copied video as if you were connected to the unit.

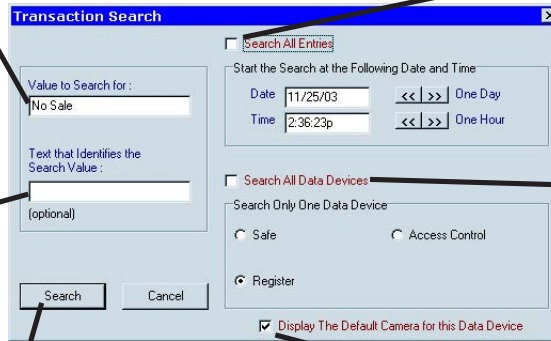
## SEARCHING TRANSACTION DATA

**To directly search the transaction database:** Open a camera of interest, then click the “Find” button to access the search filter window. Enter your search criteria, search start point, and data source of interest. Click the search button to begin your search.



The “Value to Search for” field is where you **enter what you are searching for**. This may be any number, letter, or character. This field is case sensitive.

“Text that identifies the Search Value” is an **optional field**. If used, the search value above will only be “found” if it immediately follows this optional identifying value. For example, you might use the phrase “GRAND” to restrict instances of “TOTAL”.



Select “Search All Entries” to **start the search** from the very beginning of the database. Uncheck “Search All Entries” to set a specific point in time from which to begin the search.

Select “Search All Data Devices” to search all **sources of data** for the value of interest. Uncheck “Search All Data Devices” to restrict the search to a specific data source.

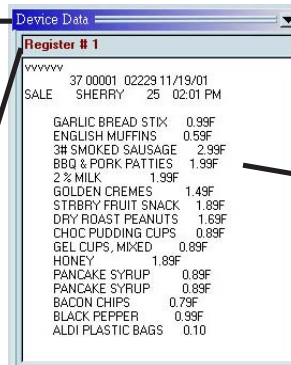
When checked, the **camera associated with the data** source is automatically displayed. If unchecked, the currently selected camera is updated instead.

Click the “Search” button to **find** the first instance (from the start point) of the search value. The resulting data is displayed in the Device Data box and the corresponding image is displayed in its own camera window.

## VIEWING TRANSACTION DATA

The device data display box may be **stretched** vertically or horizontally by “grabbing” the top or left side and dragging as desired.

The name of the **data source** corresponding to the data displayed is shown in the field just above the transaction data.



Click here to **hide** the transaction data box.

**Transaction data** is shown in this main box. Since all data is date and time stamped like the video images, the data will always be forced to sync to the selected camera image.

## QUESTIONS ABOUT COPYING AND WRITE-PROTECTING VIDEO

**What do I do if I get robbed?** After you contact authorities and your manager, press the “Download Video to CD” button on the front of the recorder (or click the “Download Video to CD” icon from either live mode). There should be a blank CD in the drive, but if not place a blank disk in the drive when it automatically opens. The finished disk will automatically be ejected so it may be given to authorities. The disk will include a copy of the viewing software and approximately 640 MB of the most recent video. As soon as possible after the event, set a “Range Lock” to protect video of the event from being overwritten.

**How do I set a Range Lock?** From the Catalog menu, select Range Locks. To set a Range Lock, select one which is marked “Not In Use” and click “Add.” Name the event, then enter the start time and duration.

**How do I view the video in a Range Lock?** From the Catalog menu, select View, then select the name of the Range Lock you want to review. Open any camera and play video as desired. When you are done, select “Live Catalog” from the View sub-menu to once again view current video.

## FINDING TRIGGERED AUDIT TRAIL EVENTS

To find events in the audit trail triggered by motion, dry contact (external) closure, or data rules: Click the External Audit Trail button. At the Audit Log Filter define your search criteria and click "View" to display the results.

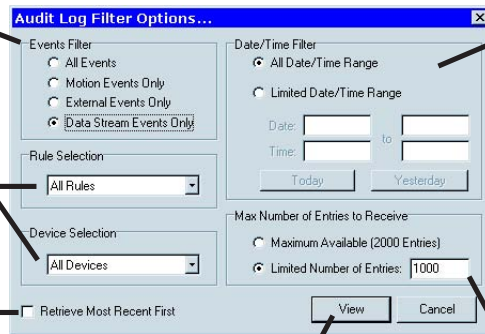
External Audit Trail

In this section, select the **type of event you are searching for**. This may be any or all types.

**Additional filter options** will appear depending on the type of event you search for.

Results may be **sorted** from the start or end of the search period.

Click the "View" button to **show the results** from the audit trail.



Use this section to **limit the search period**. Selecting "All Date/Time Range" will allow the search to cover the entire available history. Select "Limited Date/Time Range" to restrict the search to a specific period. The "Today" and "Yesterday" buttons are handy for quickly inserting time ranges for these periods.

Restricting the **maximum number of entries to display** will cut down the time it takes to recall the results. This is particularly valuable when making remote connections via standard modem.

## REVIEWING AUDIT TRAIL EVENTS

Table **columns** include "Viewed," "Date," "Time," "Type" (data event, external (dry contact) input, or motion), "Input Name" (name of the data rule, contact input, or camera (motion)), and the name of the data device, if applicable. Click any column name to sort based on that column.

To send the list to your default printer, click "**Print**" (only available during remote connection).

Viewed	Date	Time	Type	Input Name	Data Device
	10/06/04	02:19:12p	Ext. Input	Side Door Open	
	10/06/04	02:13:39p	Data Event	Sale > \$100	Register
	10/06/04	02:13:35p	Data Event	Sale > \$100	Register
Yes	10/06/04	02:13:21p	Data Event	No Sale	Register
	10/06/04	02:06:36p	Data Event	Sale > \$100	Register
	10/06/04	02:06:33p	Data Event	Sale > \$100	Register
	10/06/04	02:06:15p	Data Event	No Sale	Register
	10/06/04	02:02:42p	Data Event	Sale > \$100	Register
	10/06/04	02:02:39p	Data Event	Sale > \$100	Register
	10/06/04	02:02:18p	Data Event	No Sale	Register
	10/06/04	09:08:02a	Data Event	Held Open	Access Control

The list may be **exported** to a comma delimited or standard text file (\*.txt).

**Double-click an entry of interest to see the associated camera** and any associated data at the specified date and time.

To conduct a **new search**, click Refresh Data. You will be returned to the search filter (shown above).

To **advance to the next block** of entries, click the "Next" button.

## ENTERING PLAYBACK AND VIEWING VIDEO

Enter playback mode (password required). Select a camera to view from the Camera List. The most recently recorded image is automatically displayed. Use the jog icons to bump through time. Click "Go Live" to play video as it being recorded. Select "Continuous" and click a jog icon to play continuously at the selected rate and direction.



## USING THE AUTO-TILE & SYNC ALL ICONS



The top row of auto-tile icons opens and/or arranges open cameras into fixed grid patterns (2x2, 3x3, or 4x4). Click the name of a camera on the camera list to open one specific camera.



The bottom/left **auto-tile** icon causes only those cameras already open to automatically tile in whatever grid size arrangement is best.



The bottom/center icon **closes all open camera windows**.



The bottom/right icon causes all open cameras to **synchronize** time with the currently selected camera. You may also sync specific cameras using the click and drag method.

# LIVE MONITOR MODE

Click to select the camera grid location.

Camera images are constantly being refreshed as new images are captured.

Red or white squares appearing in the camera window indicate motion is being detected.



Click "Open" to enter **Playback Mode**.

Click "Status" to switch to Live **Status Mode**.

Click to activate the **Screen Saver**.

Click to change the **number of cameras displayed**.

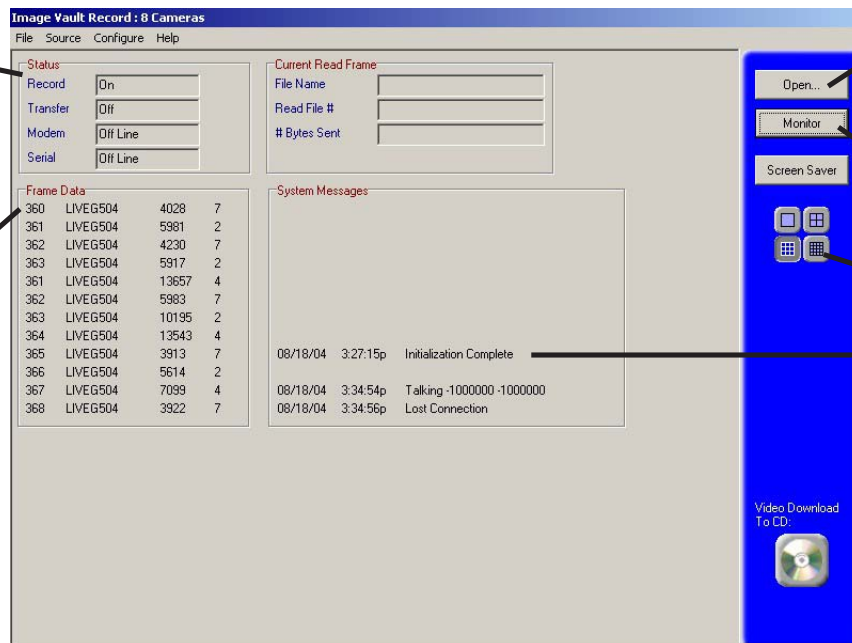
Click to **select which camera** to display in the selected camera grid location.

Click the CD icon to begin making a **copy of video to CD**.

# LIVE STATUS MODE

Recording and communication status is displayed in the top area.

Image file information, including **file size** and corresponding **camera number**, are shown in the Frame Data section.



Click "Open" to enter **Playback Mode**.

Click "Monitor" to switch to Live **Monitor Mode**.

Shortcut to Live **Monitor Mode**.

The **System Messages** section shows a running record of system events as they occur. POS Transaction data will also appear here as it is captured.

# PASSWORD PROTECTION

When you click "Open" you must enter a valid **User Name and Password**.



# VIRTUAL KEYBOARD



A **Virtual Keyboard** is provided in the DVR software anywhere that keyboard entry is required. To edit any field, simply double-click to recall the virtual keyboard.