

CCTV Integration

Integra32™

Network Video Recorder Module

CCTV Integration Manual

Integra 32™
A SECURITY MANAGEMENT SOLUTION BY RBH

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RBH ACCESS TECHNOLOGIES INC.

2 Automatic Road, Suite 108
Brampton, Ontario
CANADA
L6S 6K8

Tel: (905) 790-1515
Fax: (905) 790-3680
Email: info@rbh-access.com
WWW: www.rbh-access.com

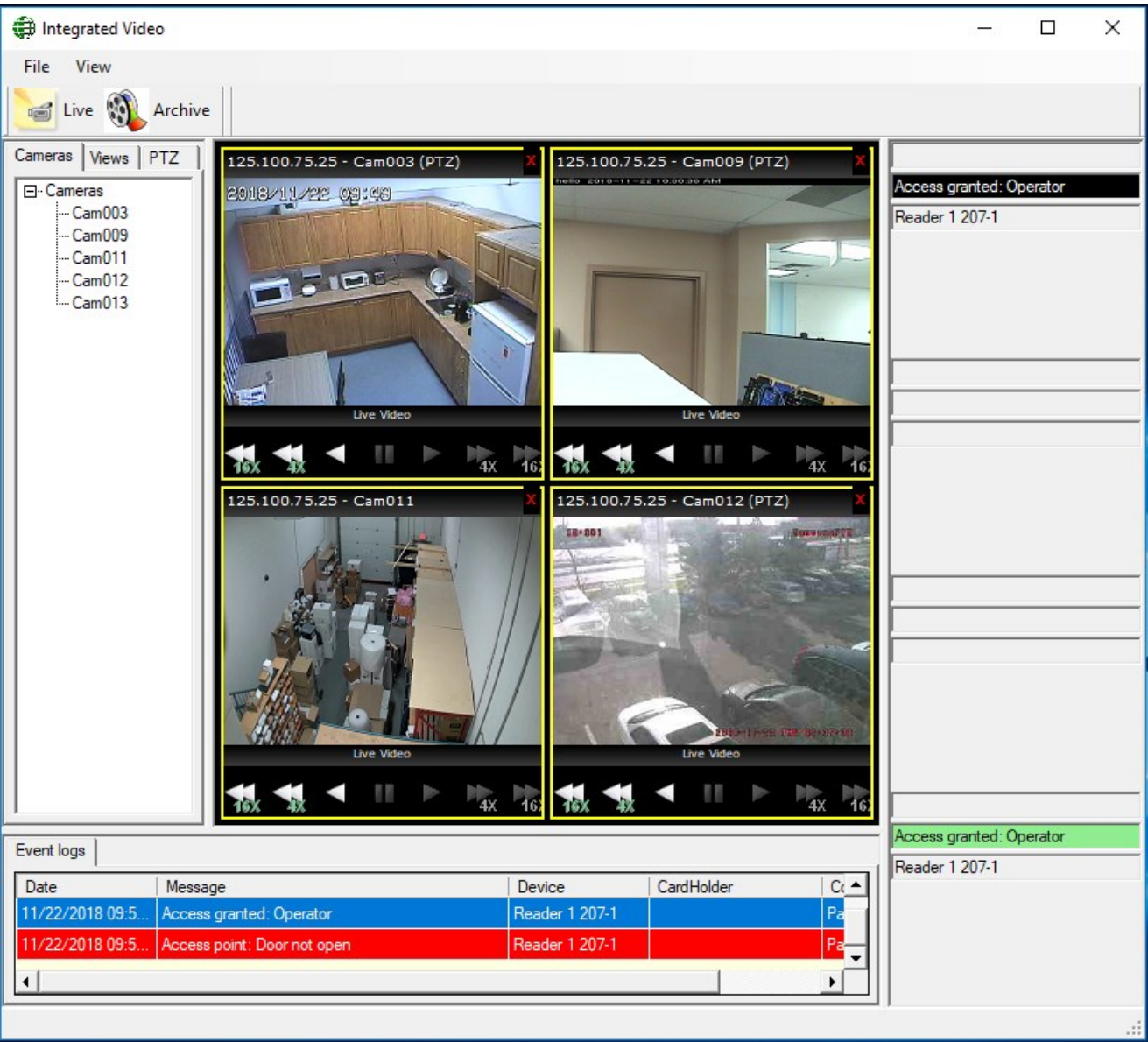
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Introduction

This manual will explain the operation of the RBH's Digital Video Recording software. The software can manage multiple DVRs, displaying one at a time, each with up to nine cameras. Pan, Tilt, and Zoom functions as well as focus and iris adjustments can be controlled through this software. Cameras can be displayed singly, four at a time, or nine at a time. Preprogrammed pan/tilt/zoom positions are also supported in the software.



RBH's Digital Video Recording software is Microsoft Windows based and will only run in newer Windows operating systems (Windows 7, 8/8.1, 10, server 2008/2008R2, 2012/2012R2, and 2016).

The RBHView CCTV module is already added with the installation of the Integra32 v5.0
Other manufacturers' CCTV integration module can be requested separately.



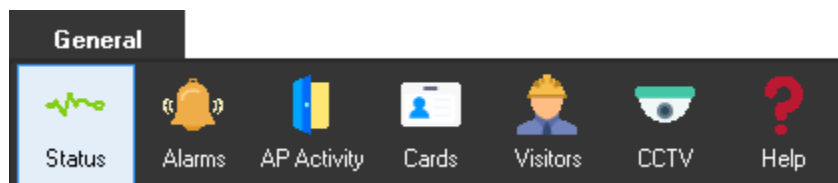
To log onto the CCTV server User names and passwords must match between the CCTV and the access control system. Some CCTVs have restrictions on their User names and passwords so check the restrictions and create users in both systems that are the same. The CCTV manufacturer may also restrict the number of connections a user can have. Keep this in mind if operators log onto more than one machine with the same user name.

Chapter 1

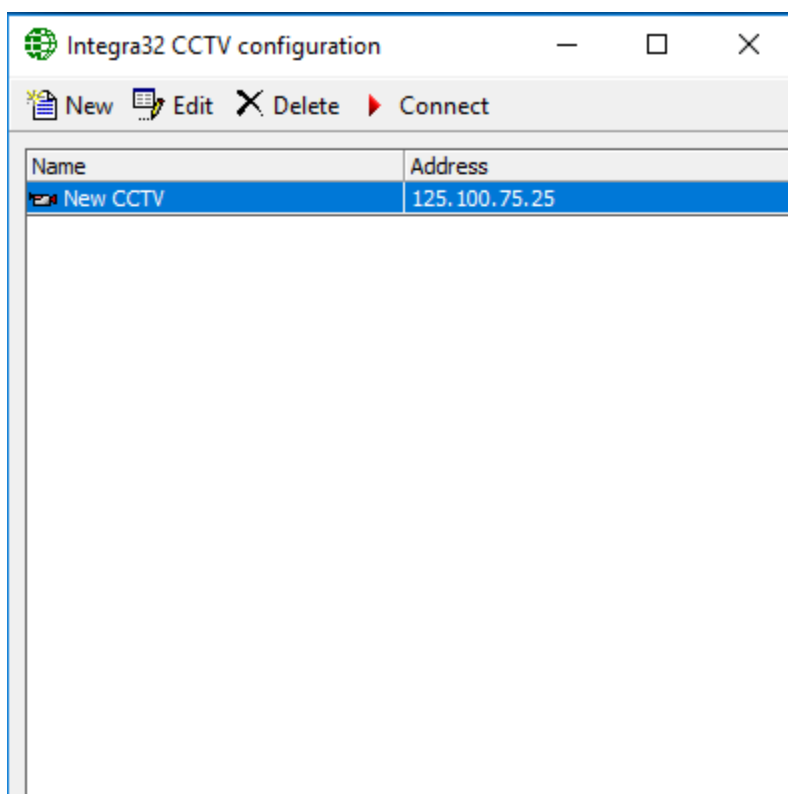
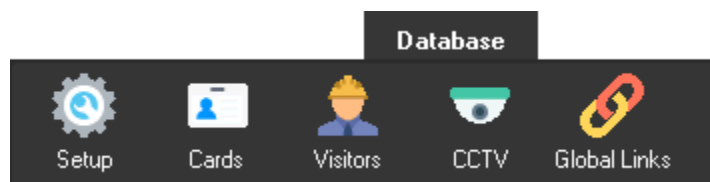
CCTV Server

The first step is to configure the connection to the CCTV Server.

Select *CCTV* by using *General* or *Database* menu options of Integra32™ Security System to add/edit a CCTV connection.

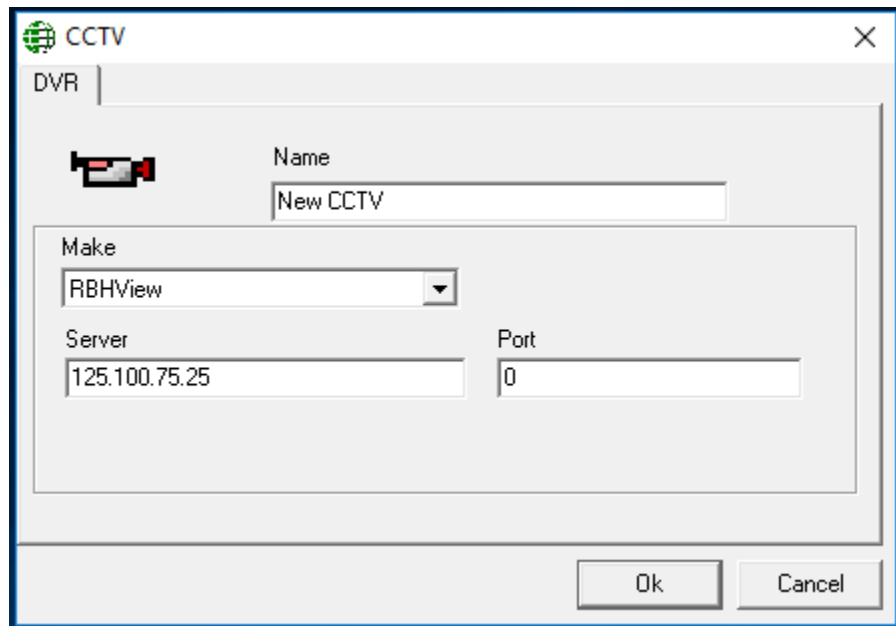


OR



CCTV Properties

Standard Configuration

The image shows a Windows-style dialog box titled "CCTV" with a close button (X) in the top right corner. Below the title bar is a tab labeled "DVR". The main area of the dialog contains a small camera icon to the left of a "Name" label and a text input field containing "New CCTV". Below this is a "Make" label and a pull-down menu currently showing "RBHView". At the bottom of the main area are two labels, "Server" and "Port", each followed by a text input field. The "Server" field contains the IP address "125.100.75.25" and the "Port" field contains the number "0". At the bottom right of the dialog are two buttons: "Ok" and "Cancel".

Name

Enter a descriptive name for the CCTV Server.

Make

Choose the make of the CCTV from the pull down list of supported CCTVs.

Address

Enter the IP address of the computer that the CCTV is running on.

Port

Enter the port number that the CCTV Server uses.

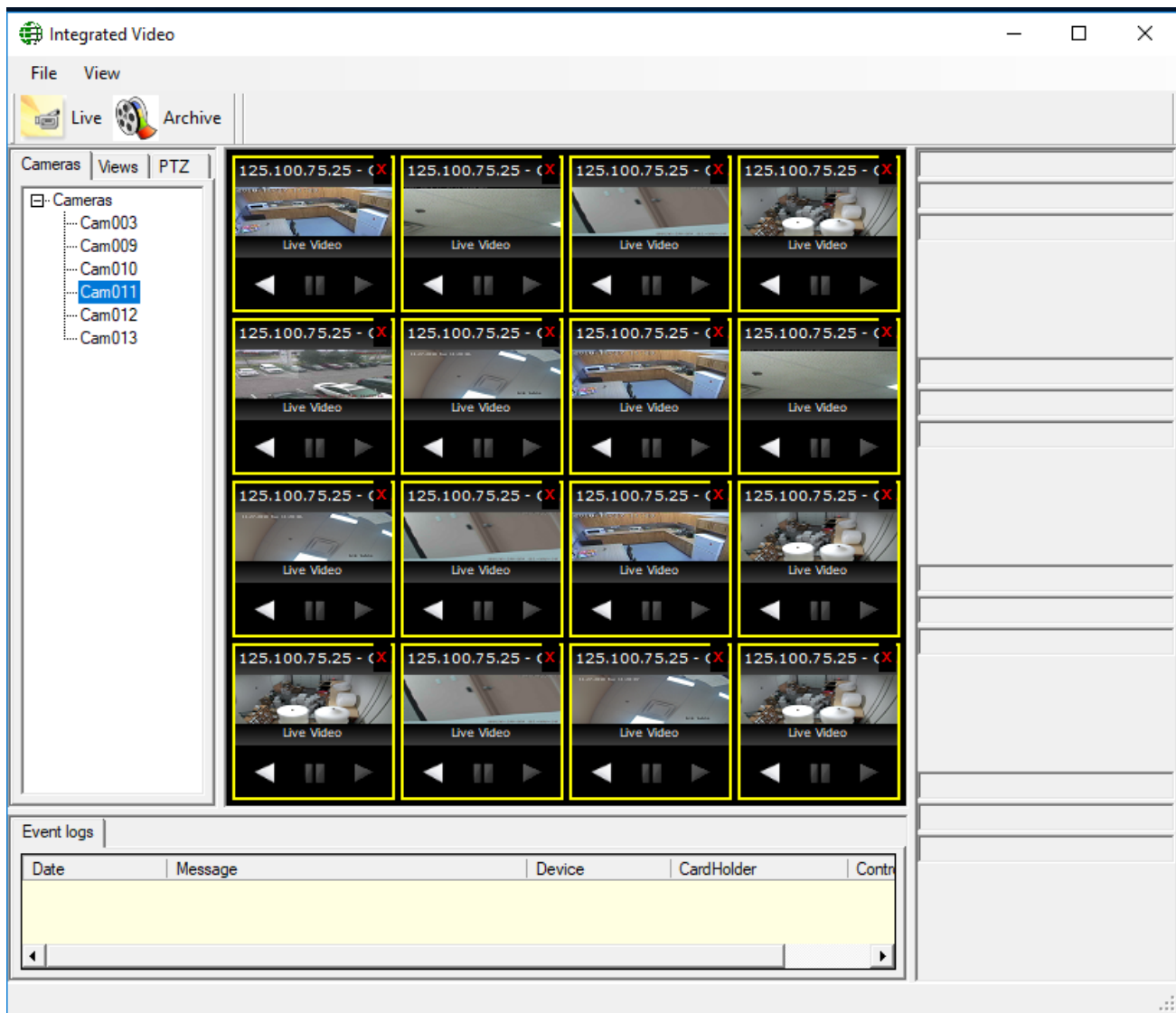
Connect

After the CCTV Server connection has been configured Click on *Connect* to launch CCTV monitor.

Chapter 2

CCTV Monitor

The CCTV Monitor can show up to 16 cameras at a time on the selected CCTV Server.



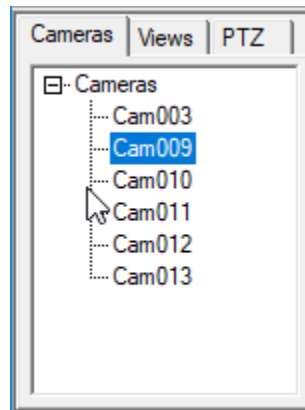


Live

Select *Live* to see the list of *Cameras*, available *Views* to display the live video/videos and *PTZ* commands for PTZ cameras.

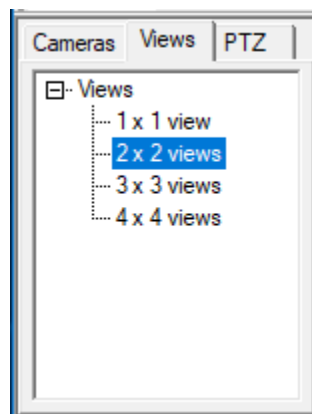
Cameras

The *Cameras* tab allows to see the list of all the cameras connected to the server, drag and drop the cameras to selected frames for live video to display. Multiple cameras can be displayed depending on the Views Selection. (1x1, 2x2, 3x3 and 4x4 views)



Views

Views tab allows you to choose how many cameras can be displayed on the screen at one time (one, four, nine or sixteen). After a view has been chosen drag and drop cameras on these frames.



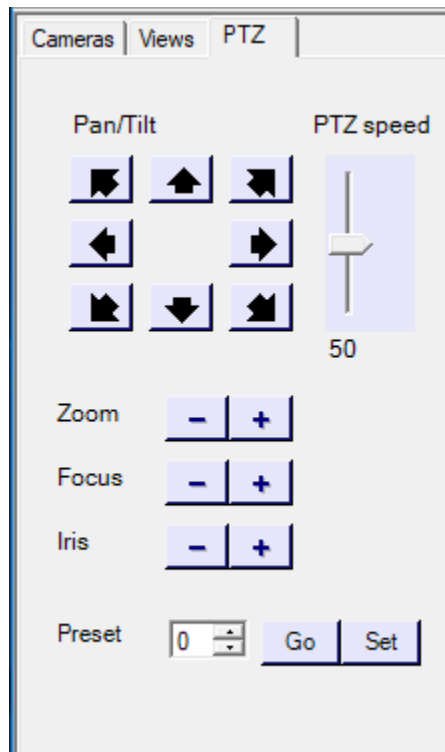
PTZ

PTZ tab allows to work with PTZ and camera controls for a selected camera.

Pan left/right and *tilt up/down* are controlled from here as well as the combinations up-left, up-right, down-left, and down-right. Click on the appropriate arrow for the direction required. Click multiple times for multiple adjustments in that direction. PTZ speed can also be controlled through this tab.

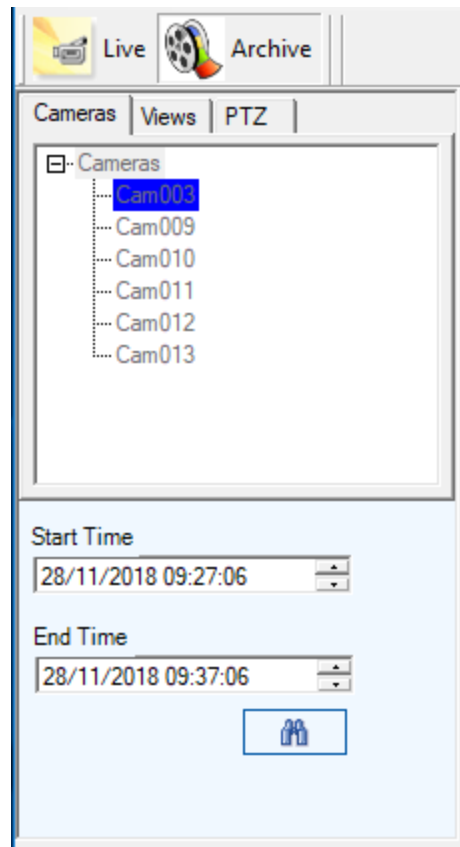
Zoom in/out, iris open/close, and focus in/out can be controlled from here as well by clicking on the plus (+) and minus (-) signs associated with the desired function (i.e. zoom, iris, and focus). The increment of the adjustment is predetermined and not changeable by the user. For multiple adjustments in the same direction click multiple times.

Presets from the pull down list can be selected to have the highlighted camera go to that preset position. This function will only work with cameras that have pan/tilt/zoom capability. Presets can also be *Set* in this tab depending upon the manufacturer of CCTV. RBHView doesn't support to *Set* presets in this tab, but can *Go* to already configured preset on RBHView server.



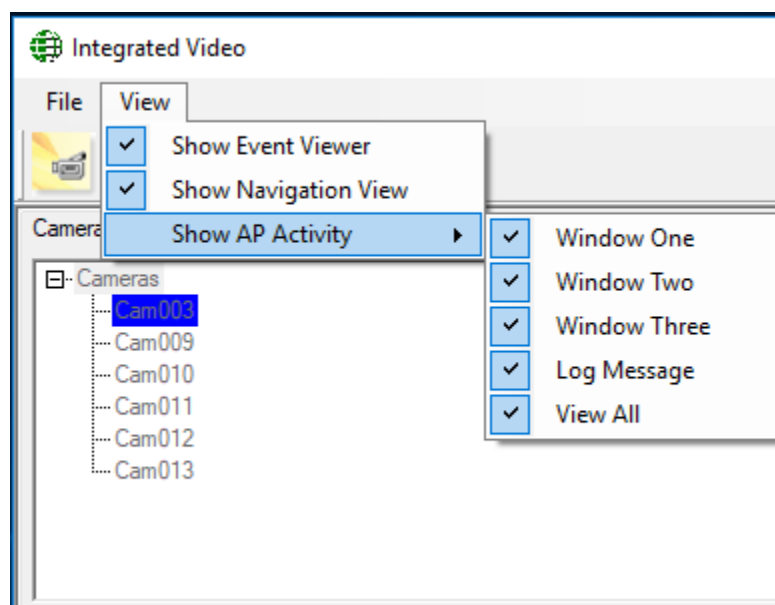
Archive

Archive will search the CCTV's data for the selected camera's video recorded between the chosen times and playback that video. The maximum amount of playback time allowed depends upon the manufacturer of CCTV



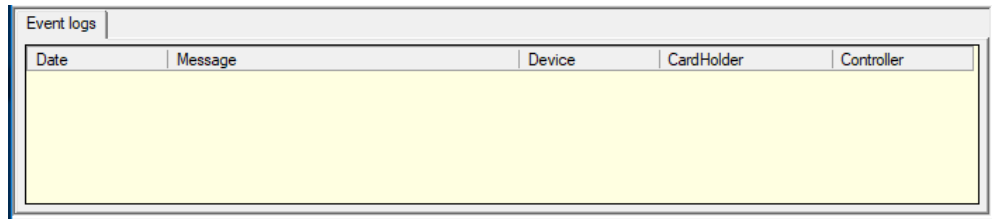
View Menu

With the pop ups already configured, next need to configure the way they will be displayed. This is done through the View Menu. We will need to configure *the Show Event Viewer*, the *Show Navigation View* and the *Show AP Activity*.



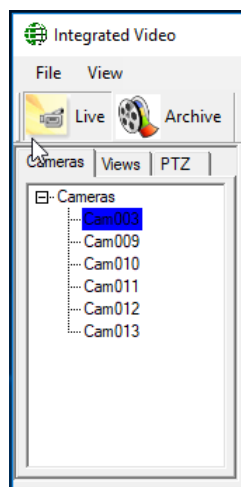
Show Event Viewer

Click to show or hide the Event Viewer section of the CCTV window.

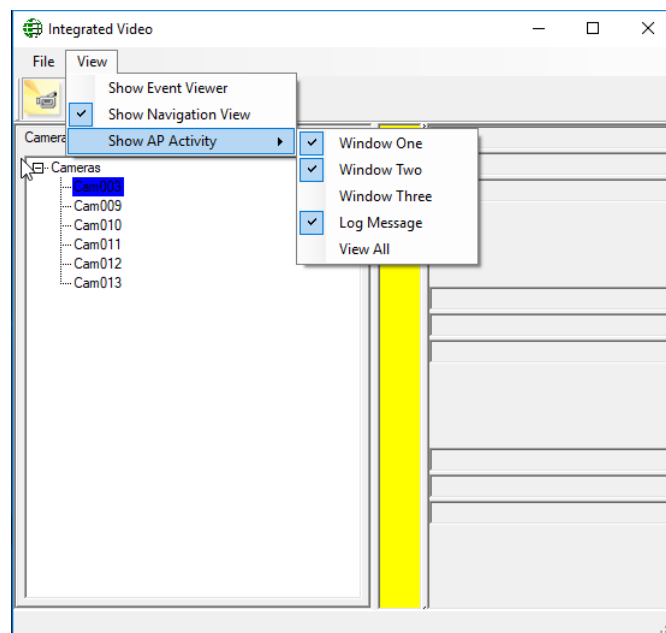


Show Navigation View

Click to show or hide the Navigation View section of the CCTV window.



Show AP Activity



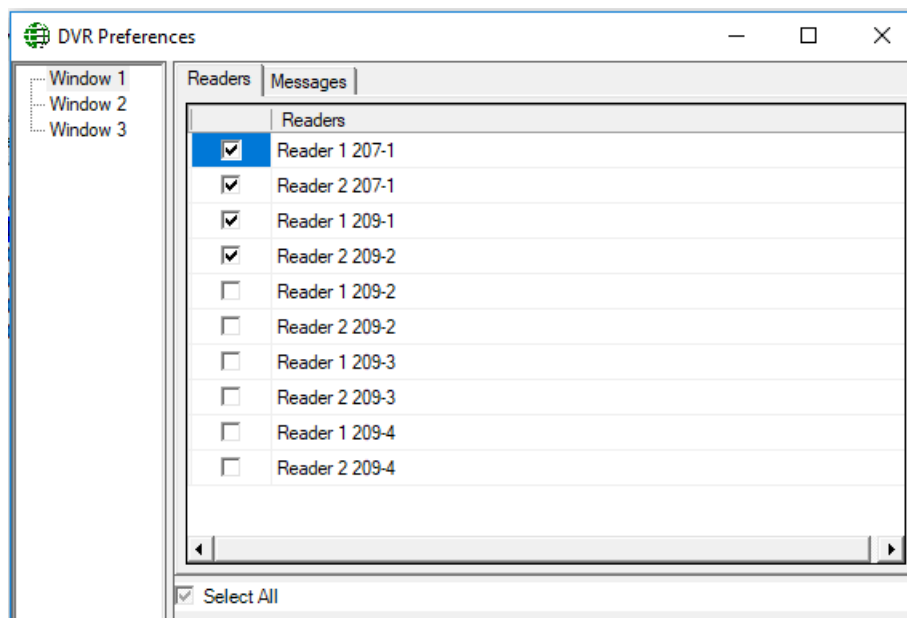
Access Point Activity section displays data pertaining to a specified access point. Three different windows can display data for three different access points. A fourth window (Log Message) will display data from a selected message in the Event Viewer. *Click* to show or hide the applicable window (one, two, or three), or the Log Message window. View All will restore the section to show all four windows, or if all four are already showing it will hide the whole section.

Preferences

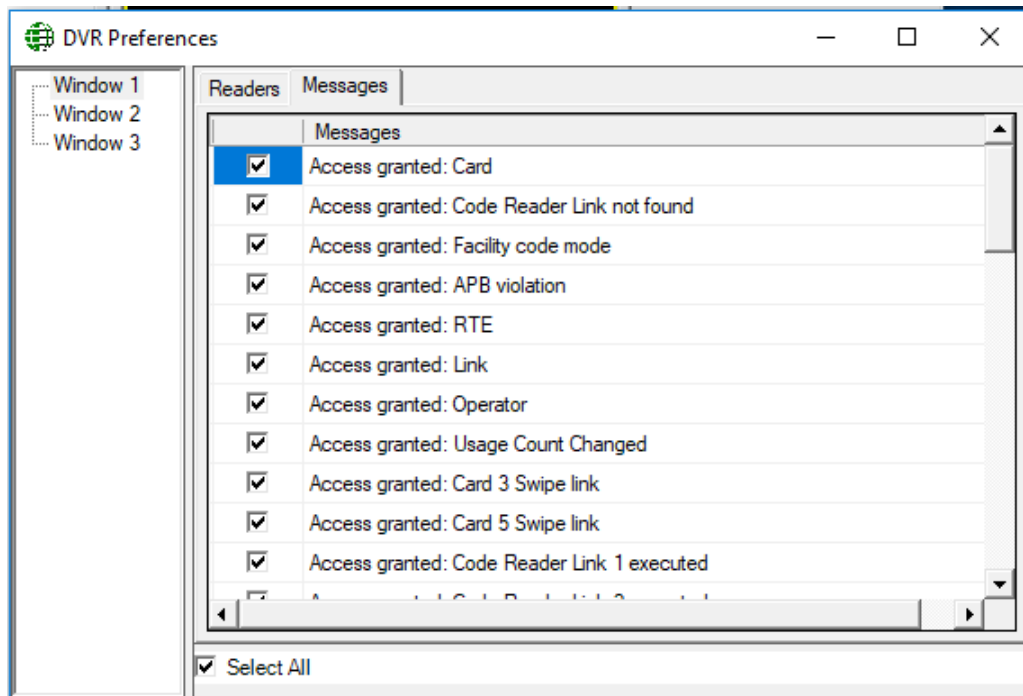
Right click on AP Activity windows brings up Preference option.



Settings for the three access point windows are configured here. Choose which access point is associated with each window and which messages are to be displayed.

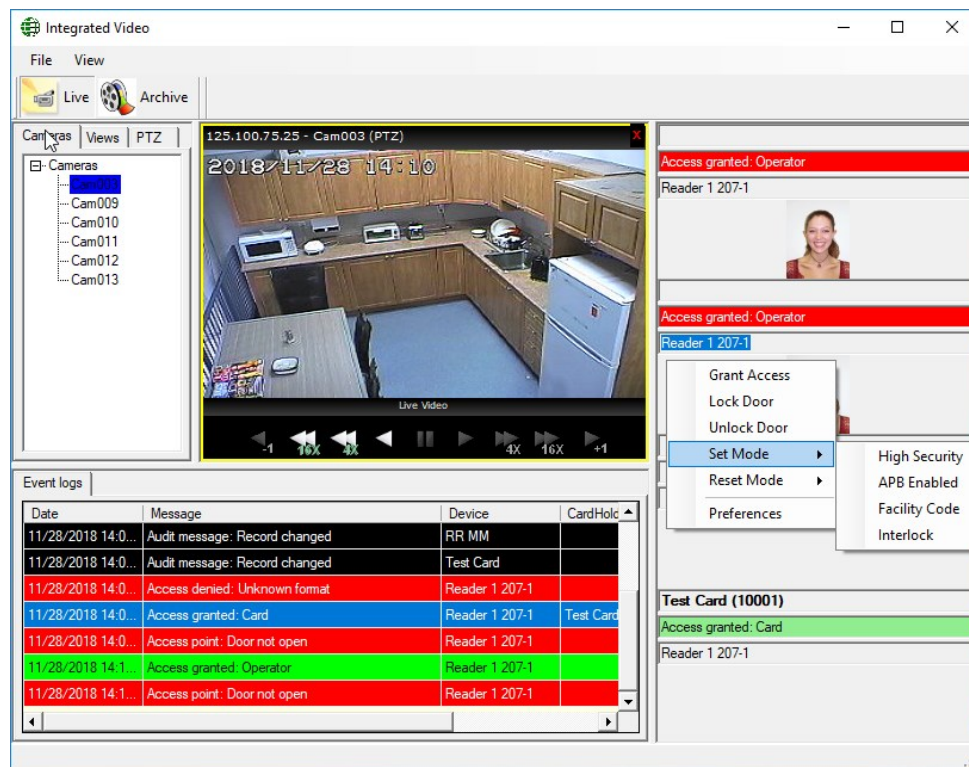


Note: Even when there isn't a message 'Preferences' is always selectable.



Access point Activity window now displays data for selected readers and selected messages.

Right click within the window to access device commands. The particular commands available will depend on the device associated with the message.

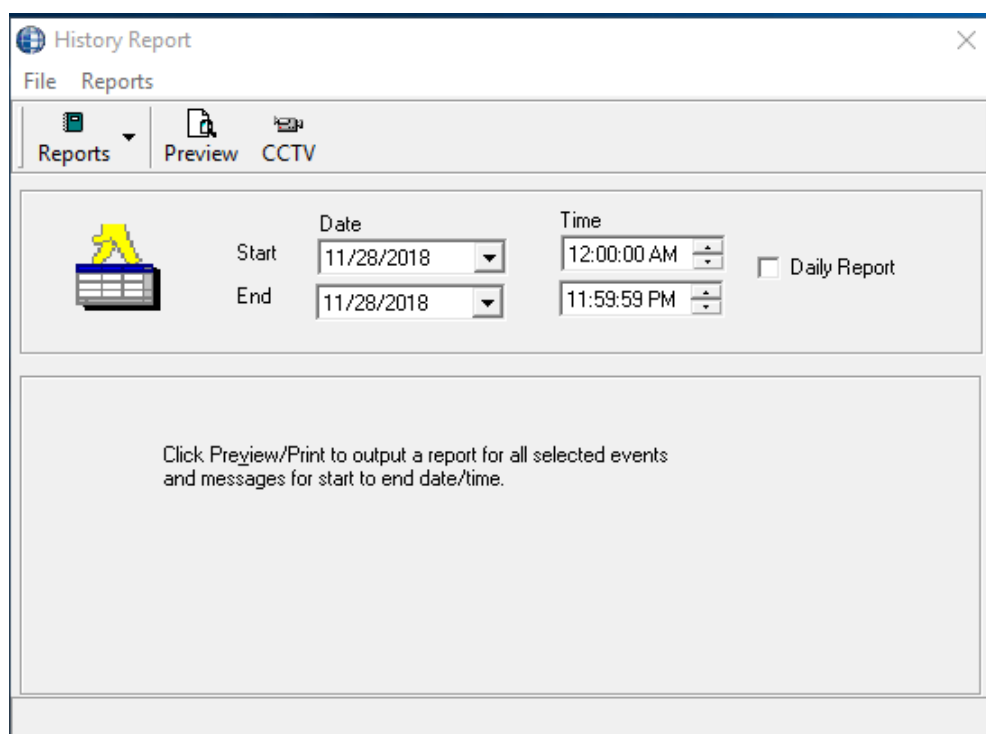


Chapter 3

CCTV Interface

History Playback

The CCTV Module must be installed for the CCTV Monitor to work. Without the CCTV Module Integra32™ can still interface with a DVR but in a much more limited way. With or without the CCTV Module history playback can be achieved.



Click on the camera icon (📷) of the desired event to playback the video for the event

Date	Message	Device	Card	Operator	Play
11/28/2018 2:01:14 PM	Access granted:Operator	Reader 1 207-1, Panel 1 207			📷
11/28/2018 2:01:24 PM	Access point:Door not open	Reader 1 207-1, Panel 1 207			📷
11/28/2018 2:02:02 PM	Access granted:Operator	Reader 1 207-1, Panel 1 207			📷
11/28/2018 2:02:12 PM	Access point:Door not open	Reader 1 207-1, Panel 1 207			📷
11/28/2018 2:06:15 PM	Access denied:Unknown forma	Reader 1 207-1, Panel 1 207			📷
11/28/2018 2:06:55 PM	Access granted:Card	Reader 1 207-1, Panel 1 207	Test Card		📷
11/28/2018 2:07:05 PM	Access point:Door not open	Reader 1 207-1, Panel 1 207			📷
11/28/2018 2:11:44 PM	Access granted:Operator	Reader 1 207-1, Panel 1 207			📷
11/28/2018 2:11:54 PM	Access point:Door not open	Reader 1 207-1, Panel 1 207			📷

Individual Point Programming

After the CCTV server has been setup, the cameras on that CCTV can be associated with Access Points, Inputs, and Outputs. With these associations made you can play back a recorded camera based on Integra32™'s event history. You can also call up a camera associated with a point and view it live.

When the CCTV Module is installed with Integra32™ a check box 'Send Message to DVR' is added to the CCTV tab of Access Points, Inputs, and Outputs. Uncheck this box to assign and configure this point with a camera.

Access Points

The screenshot shows a configuration window titled "Reader 1 207-1" with a close button (X) in the top right corner. The window has several tabs: "General", "Modes", "Time-outs", "Links", "Alarms", "CCTV" (which is the active tab), and "Advanced".

Under the "CCTV" tab, there is a checkbox labeled "Send Messages to DVR" which is currently unchecked. Below this is a label "CCTV Name" followed by a dropdown menu showing "RBHView CCTV".

The window is divided into two main sections: "Camera Information" and "History Information".

Camera Information:

- "Camera Number" is a numeric input field with the value "1".
- "PTZ Camera" is a checkbox that is checked.
- "Preset" is a numeric input field with the value "2".

History Information:

- "Pre Event Time" is a numeric input field with the value "1", followed by a "Min" label and a dropdown arrow.
- "Post Event Time" is a numeric input field with the value "1", followed by a "Min" label and a dropdown arrow.

At the bottom right of the window are "Ok" and "Cancel" buttons.

Inputs

Input 3

General | Details | **CCTV** | Links | Alarms

☐ Send Messages to DVR

CCTV Name
RBHView CCTV

Camera Information

Camera Number
2

☐ PTZ Camera

History Information

Pre Event Time
1 Min

Post Event Time
2 Min

Ok Cancel

Outputs

Output 3

General | Details | **CCTV** | Links

☐ Send Messages to DVR

CCTV Name
RBHView CCTV

Camera Information

Camera Number
3

☐ PTZ Camera

History Information

Pre Event Time
2 Min

Post Event Time
2 Min

Ok Cancel

Select a CCTV Server from the pull down list. Enter the camera number by either typing it in or scrolling to it. Check the PTZ box if the camera has pan/tilt/zoom capability. If the camera does have PTZ then you may assign it a preset.

The History Information section allows you to set a *Pre Event Time* and a *Post Event Time*. These times give you a view window around an event time. When history playback is called for it will start the play before the event time (*Pre Event Time*) and continue playing past the event time (*Post Event Time*). For example if the Event Time is 11:35:54 and the both the Pre and Post time are set to one minute, then the video playback will run from 11:34:54 to 11:36:54.

Individual Point Commands

With the addition of the CCTV Module Access Points, Inputs, and Outputs have two new commands.

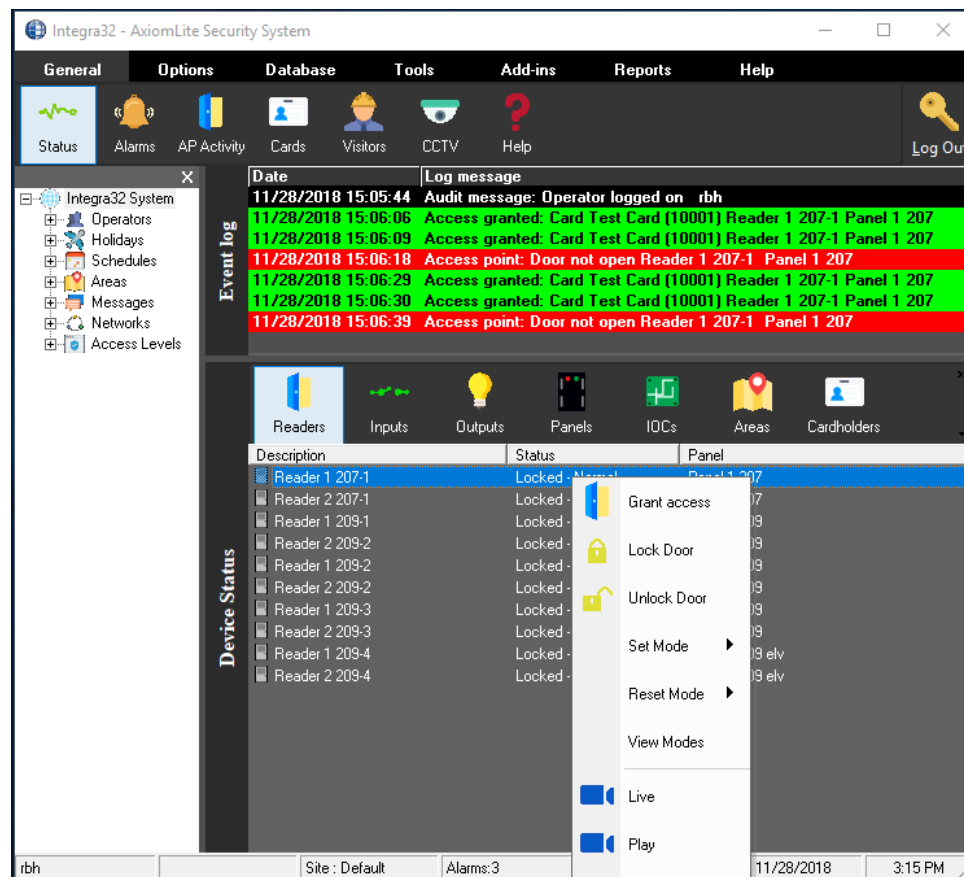
Live

Live will call up the CCTV Monitor with a single frame and will play live video from the camera associated with the selected point.

Play

Play will playback the recorded video starting before the event time (as determined by the *Pre Event Time*) and will continue playing past the event time (as determined by the *Post Event Time*).

Access Points



Inputs

The screenshot displays the Integra32 - AxiomLite Security System interface. The top navigation bar includes tabs for General, Options, Database, Tools, Add-ins, Reports, and Help. Below this is a toolbar with icons for Status, Alarms, AP Activity, Cards, Visitors, CCTV, and Help. The main area is divided into two sections: Event log and Device Status.

Event log: This section shows a list of events with columns for Date and Log message. The events are as follows:

Date	Log message
11/28/2018 15:05:44	Audit message: Operator logged on rbh
11/28/2018 15:06:06	Access granted: Card Test Card (10001) Reader 1 207-1 Panel 1 2
11/28/2018 15:06:09	Access granted: Card Test Card (10001) Reader 1 207-1 Panel 1 2
11/28/2018 15:06:18	Access point: Door not open Reader 1 207-1 Panel 1 207
11/28/2018 15:06:29	Access granted: Card Test Card (10001) Reader 1 207-1 Panel 1 2
11/28/2018 15:06:30	Access granted: Card Test Card (10001) Reader 1 207-1 Panel 1 2

Device Status: This section shows a list of inputs with columns for Description, Status, and Panel. A context menu is open for 'Input 3'.

Description	Status	Panel
Input 3	Armed - Norm	207
Input 4	Armed - Norm	207
Input 7	Armed - Norm	207
Input 8	Armed - Norm	207
Input 3	Armed - Norm	209
Input 4	Armed - Norm	209
Input 7	Armed - Norm	209
Input 8	Armed - Norm	209

The context menu for 'Input 3' shows the following options: Arm, Disarm, Live, and Play.

At the bottom of the interface, there is a status bar showing the user 'rbh', the site 'Site : Default', the number of alarms 'Alarms:3', the number of acknowledged events 'Acknowledged:0', the date '11/28/2018', and the time '3:16 PM'.

Outputs

The screenshot displays the Integra32 - AxiomLite Security System interface. The top navigation bar includes tabs for General, Options, Database, Tools, Add-ins, Reports, and Help. Below this is a toolbar with icons for Status, Alarms, AP Activity, Cards, Visitors, CCTV, and Help. The main area is divided into two sections: Event log and Device Status.

Event log: This section shows a list of events with columns for Date and Log message. The events are as follows:

Date	Log message
11/28/2018 15:05:44	Audit message: Operator logged on rbh
11/28/2018 15:06:06	Access granted: Card Test Card (10001) Reader 1 207-1 Panel 1 2
11/28/2018 15:06:09	Access granted: Card Test Card (10001) Reader 1 207-1 Panel 1 2
11/28/2018 15:06:18	Access point: Door not open Reader 1 207-1 Panel 1 207
11/28/2018 15:06:29	Access granted: Card Test Card (10001) Reader 1 207-1 Panel 1 2
11/28/2018 15:06:30	Access granted: Card Test Card (10001) Reader 1 207-1 Panel 1 2

Device Status: This section shows a list of outputs with columns for Description, Status, and Panel. A context menu is open for 'Output 3'.

Description	Status	Panel
Output 3	Off	Panel 1 207
Output 4	Off	Panel 1 207
Output 7	Off	Panel 1 207
Output 8	Off	Panel 1 207
Output 2	Off	Panel 1 209
Output 4	Off	Panel 1 209
Output 3	Off	Panel 2 209
Output 4	Off	Panel 2 209
Output 7	Off	Panel 2 209
Output 8	Off	Panel 2 209
Output 2	Off	Panel 3 209
Output 4	Off	Panel 3 209

The context menu for 'Output 3' shows the following options: Turn on, Turn off, Live, and Play.

At the bottom of the interface, there is a status bar showing the user 'rbh', the site 'Site : Default', the number of alarms 'Alarms:3', the number of acknowledged events 'Acknowledged:0', the date '11/28/2018', and the time '3:17 PM'.

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