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Introduction

Hello! Welcome to the EyesOn Software Server Manual.

This user manual has been designed to provide complete, easy-to-use instructions for configuring and using the EyesOn Software Server, Player, and Client applications.

In the pages that follow, you will find out how to start using EyesOn Software Pro, customize its wide variety of features, set it to record video when motion is detected, and monitor it remotely.

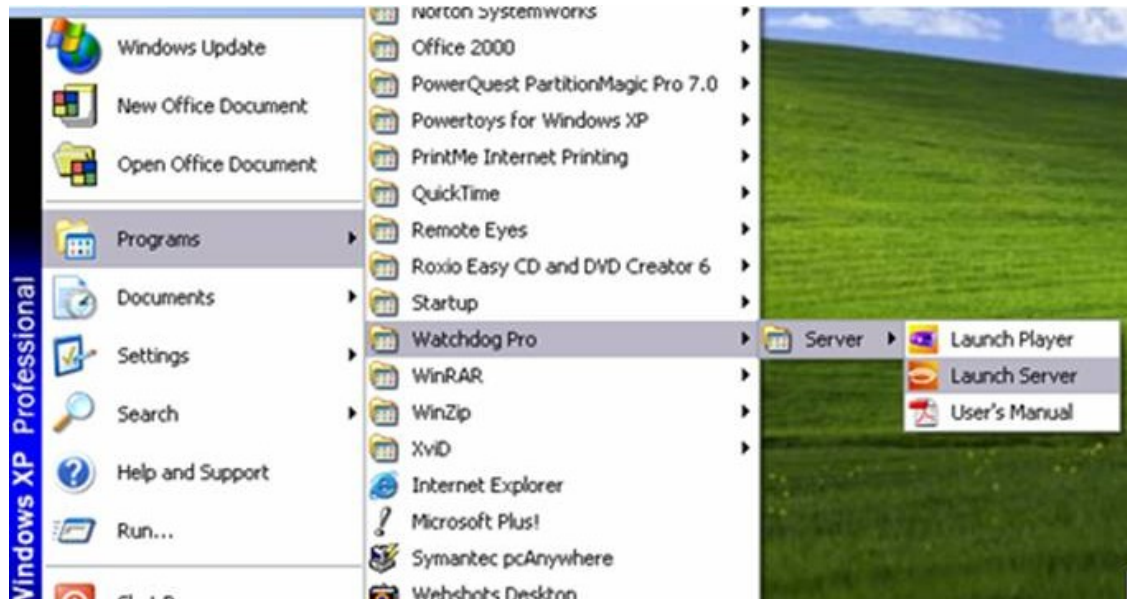
Finally, you'll learn how to quickly and easily use the EyesOn Software Player to review any recorded video from the Server location.

Of course if you have a question about EyesOn Software that we haven't covered, or if you need technical support for any aspect of the EyesOn Software software, you'll find complete contact information for our technical support team on the last page of this manual.

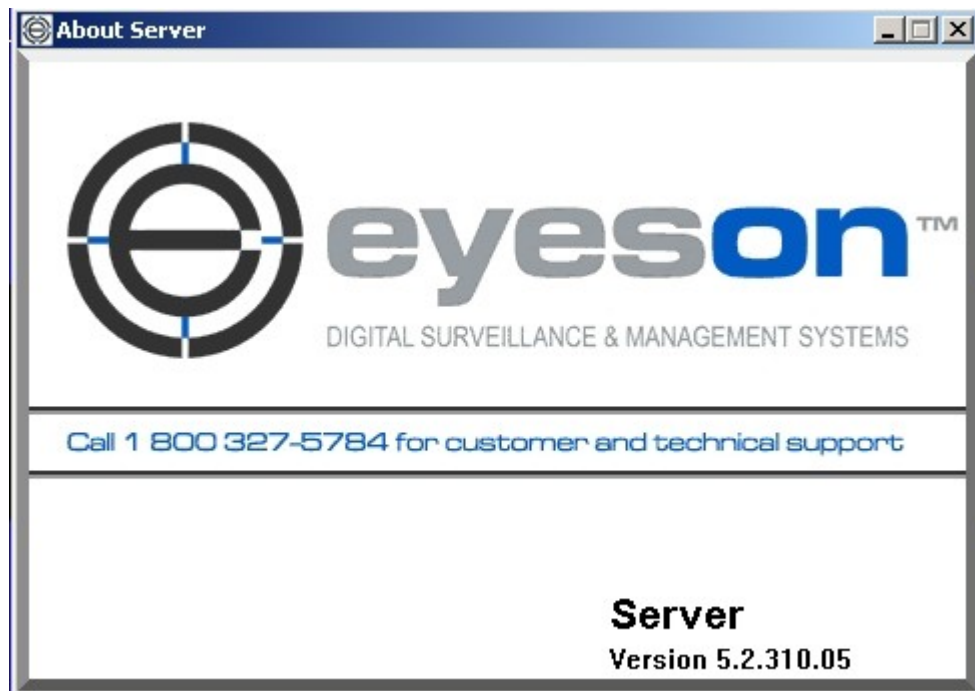
Getting Started with the EyesOn Software Server

The component of your EyesOn Software software that you install on the computer where you want to connect your cameras is called the Server.

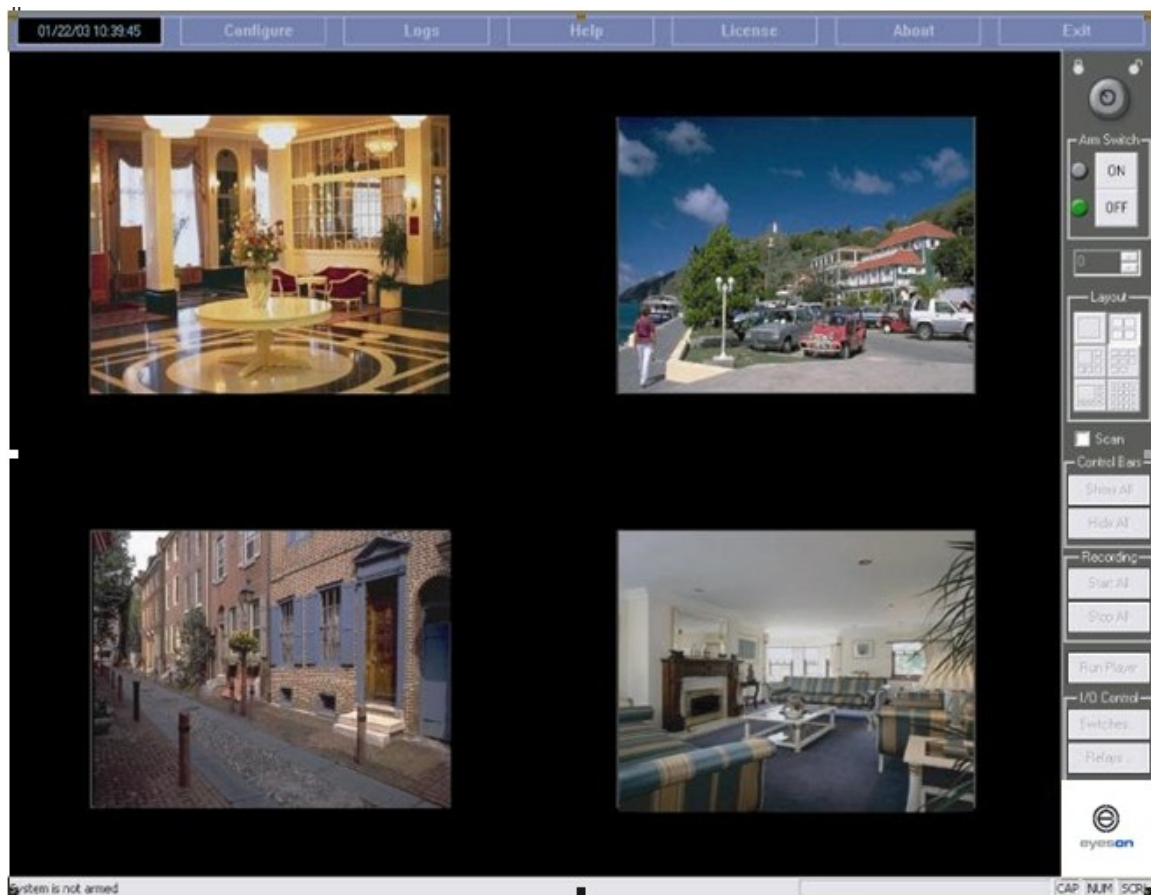
To Launch your EyesOn Software Server, just click on your **Start** button, then select **Programs**, then **EyesOn Software Pro**, then **Server**, and finally **Launch Server**.



After a moment, The EyesOn Software splash screen will appear...



...followed by the camera display itself



Before you can start configuring EyesOn Software Pro, you'll need to log in by clicking on the **lock icon** in the upper right-hand screen corner.

A **User name** and **Password** must be provided each time you want to make changes to your EyesOn Software settings. You'll also have to log in each time you want to exit out of the server software. For your first login, you'll need to use the default User: **administrator** and the default Password: **administrator**.

As you can see, the Password always appears as a series of asterisks, to keep people from learning your password by watching you enter it.

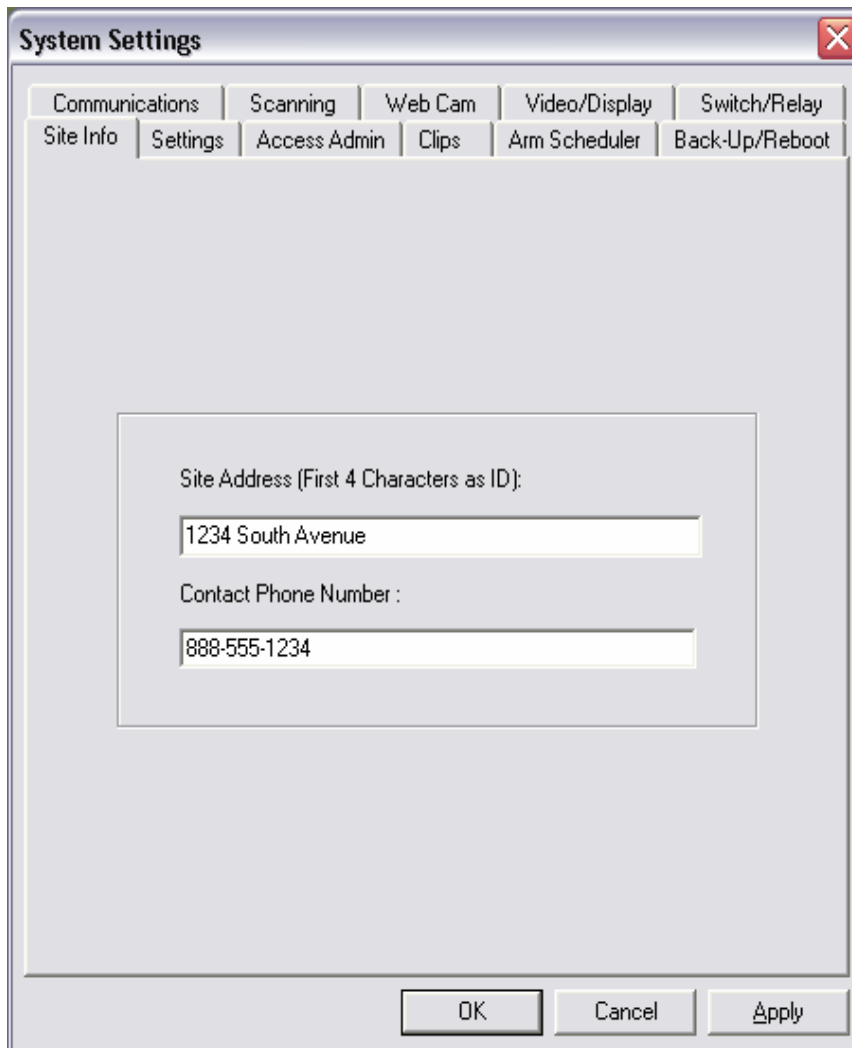
Now that you've logged in, you can start setting up EyesOn Software. Let's start with the **Configure** menu.

The Configure Menu

Configure

Most of what you'll find in the configure menu are items that will help you to customize your EyesOn Software settings to fit your individual needs. You'll be able to schedule when EyesOn Software is armed to detect motion, set EyesOn to notify you automatically when motion occurs, and administer User IDs and passwords, among other things.

Site Info



The screenshot shows a 'System Settings' dialog box with a 'Site Info' tab selected. The dialog has a title bar with a close button. Below the title bar are several tabs: 'Communications', 'Scanning', 'Web Cam', 'Video/Display', 'Switch/Relay', 'Site Info', 'Settings', 'Access Admin', 'Clips', 'Arm Scheduler', and 'Back-Up/Reboot'. The 'Site Info' tab is active, showing two text input fields. The first field is labeled 'Site Address (First 4 Characters as ID):' and contains the text '1234 South Avenue'. The second field is labeled 'Contact Phone Number :' and contains the text '888-555-1234'. At the bottom of the dialog are three buttons: 'OK', 'Cancel', and 'Apply'.

Using the **Site Info** tab, you can enter an address and contact number for your EyesOn Software Server. The first four characters will be used as the Site ID, a unique marker for video recorded at this location. For instance the example to the left will tag all video with a Site ID of 1234.

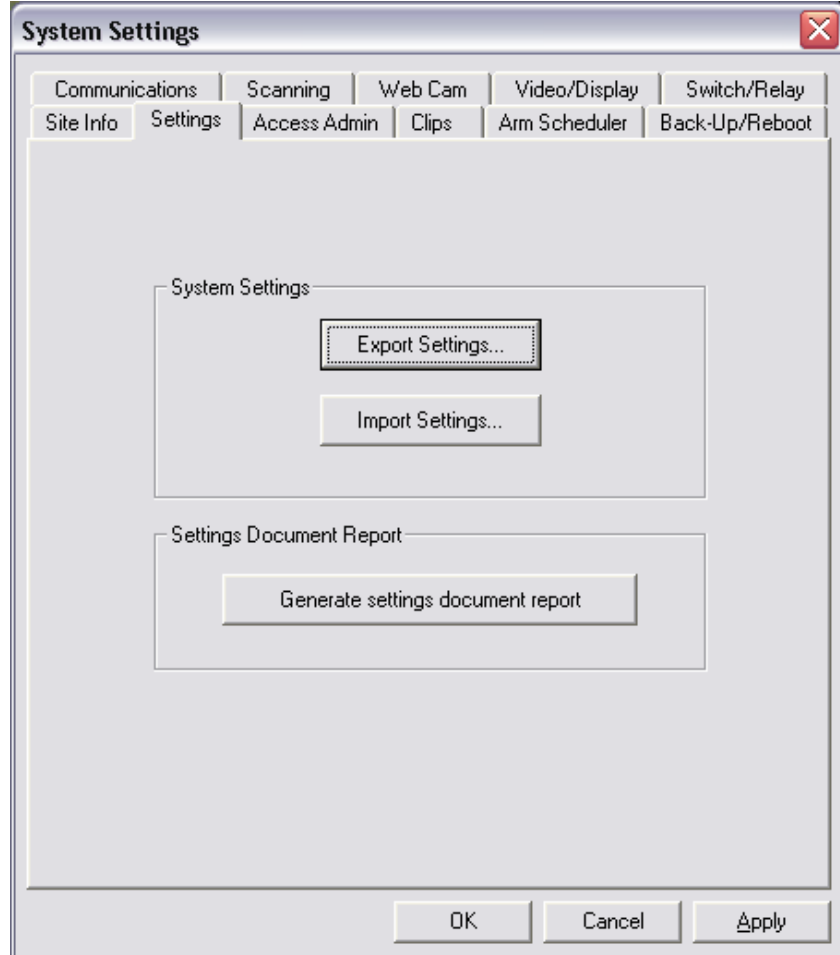
The Address and Contact Phone Number will also be listed on the Access and Event logs. We'll talk about them a little later.

Settings

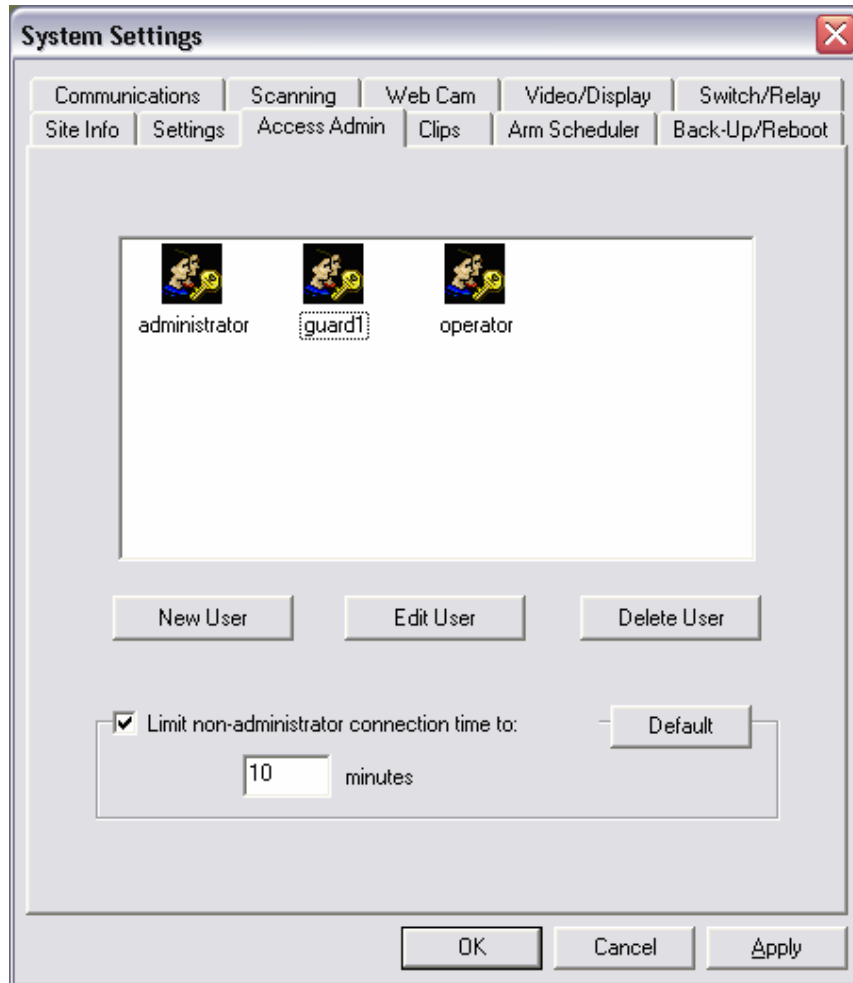
The **Export** and **Import Settings** options are really useful if you have more than one location that uses EyesOn Software Server, but you want to use the same system settings at all of your locations. Just click **Export Settings** and you'll be prompted to choose a place on your PC to store a settings file.

A floppy disk is a perfect choice, since you can take it to another location, insert it into the PC, and double click in the settings file, and then launch your EyesOn Software Server.

You can also generate a report of all of your system settings with the **Generate settings document report**. You can use this feature to print a full report of all of the system settings.



Access Admin



If you want to allow more than one person to access your EyesOn Software Server locally or using the client, you can use the **Access Admin** tab to set up additional Users and Passwords.

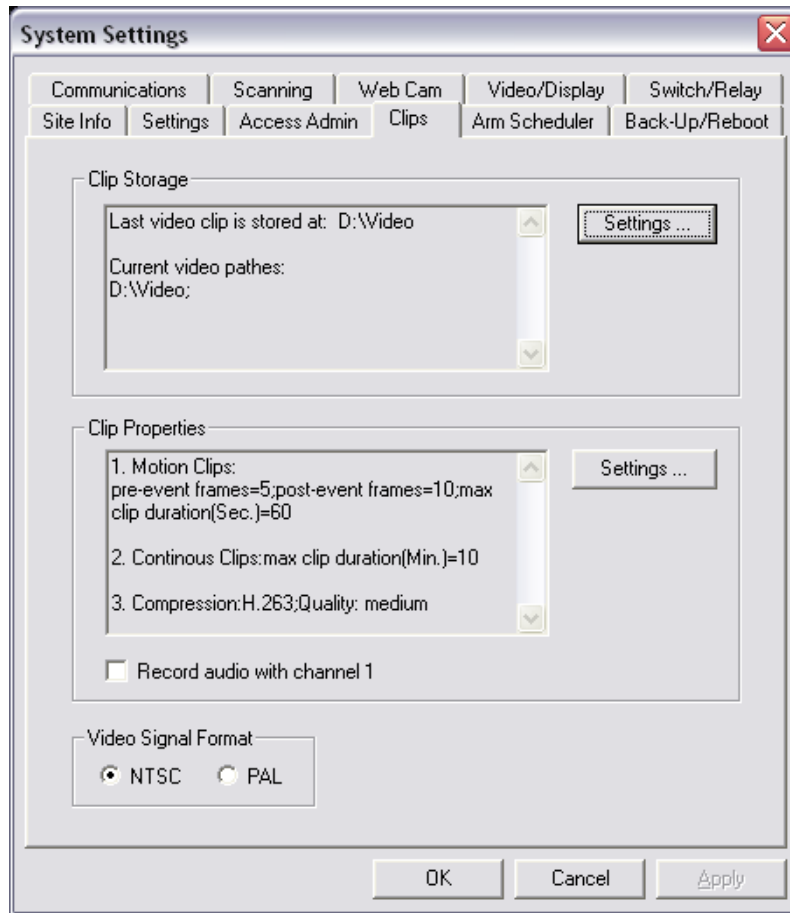
You can also limit the **non-administrator connection time** from this tab. This will cause users from the Admin Client and from modem connection to lose connection after ten minutes if the person is not an administrator. An administrator is defined by the ability to **Add/Edit Users**.

To add a new user, click the **New User** button.

From the **Privilege** window, you can create a User ID and Password that will be used for logging in and access privileges. There are two kinds of Users: **Administrators** and **Operators**. A user is an administrator only if he has the privilege to **Add/Edit User** enabled. Operators, who do not have this privilege, can also have their connection time limited by an administrator.

A screenshot of the 'Privilege' window in the EyesOn software. The window has a title bar with the text 'Privilege' and a red close button. Inside, there are two text input fields: 'User ID' with the value 'guard1' and 'User Password' with the value 'security'. Below these is a section titled 'Privileges' containing a list of ten checkboxes, all of which are checked. The checkboxes are arranged in two columns: 'Add/Edit User', 'Delete Files', 'Configure/Setup', 'Camera Control', 'Schedule', 'Modem Access', 'Operation', 'IP Access', 'View Files/Status', and 'View Video Clip'. At the bottom of the window are two buttons: 'OK' and 'Cancel'.

Clips



Any segment of video that is recorded using EyesOn Software is referred to as a **Video Clip**. For convenience in storage and review, any extended recording will be separated into multiple video clips.

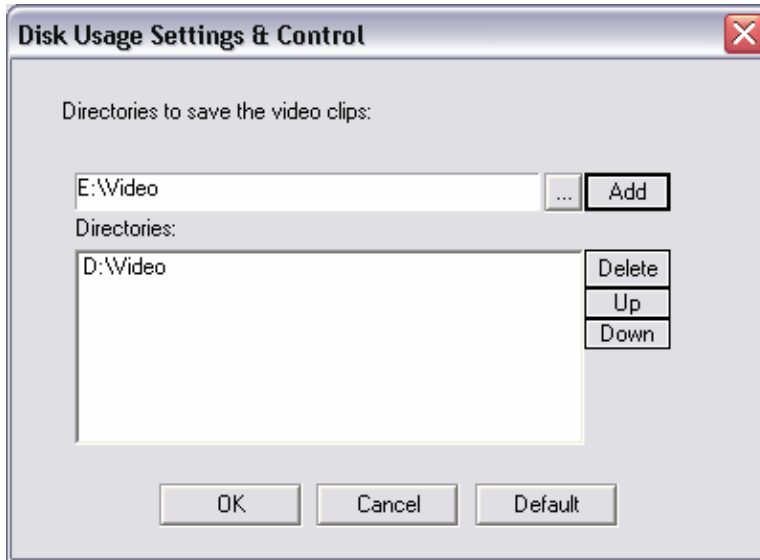
Using the **Clips** tab, you can specify where your clips are stored and set how large individual clips will be for both motion detection and continuous recording.

This is also where you would turn on audio recording or space saver mode.


You can also select the video format you want to use: **NTSC** or **PAL**.

Disk Usage Settings & Control

When EyesOn Software records video clips, the system's hard drive is used as the storage medium. To adjust where your clips are stored, click the **Settings** button next to **Clip Properties** on the **Clips** tab.

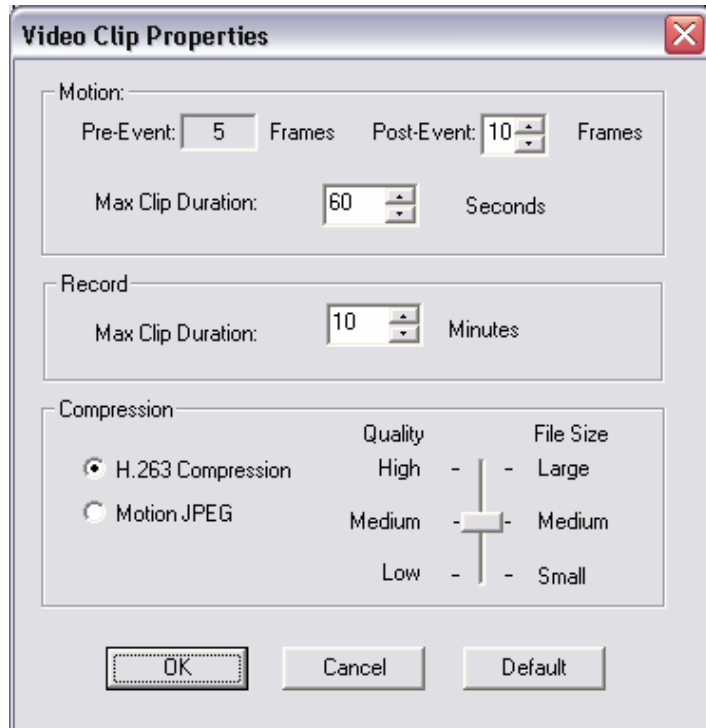


Within the **Disk Usage Settings** window, you can indicate what folder on your PC you want to use for clip storage. You can even select multiple locations. Once the first location in the list gets full EyesOn Software will start recording to the next one on the list.

The  button will allow you to search for the folder that you want to store clips, such as a folder on a network.

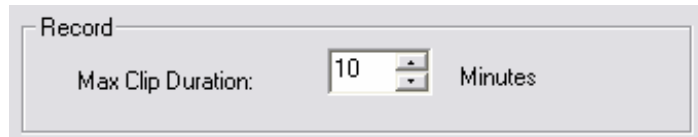
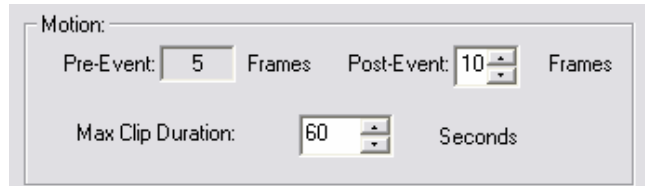
Clip Properties

The **Video Clip Properties** window can be used to change the characteristics of video recorded by EyesOn Software.



Video clips fall into two major categories: **continuous recording**, where EyesOn Software records straight through for a set duration, and **motion detection** recording, where EyesOn Software records only when the Server is armed, and then only when motion is detected by a camera.

Using this window, you can set maximum clip duration for continuous recording.....

A window titled "Record" with a single control: "Max Clip Duration: 10 Minutes". The number "10" is in a spinner box.A window titled "Motion:" with two rows of controls. The first row has "Pre-Event: 5 Frames" and "Post-Event: 10 Frames", where "5" and "10" are in spinner boxes. The second row has "Max Clip Duration: 60 Seconds", where "60" is in a spinner box.

... as well as maximum clip duration for motion detection clips. In this way, larger periods of recording are broken up into small, more manageable clips.

You can also select the kind of compression used for all recording, either **H.263** or **Motion JPEG**.

A window titled "Compression" with two radio buttons: "H.263 Compression" (selected) and "Motion JPEG". To the right is a vertical slider with three positions: "High" (top), "Medium" (middle), and "Low" (bottom). To the right of the slider is a column labeled "File Size" with values "Large", "Medium", and "Small" corresponding to the slider positions.

H.263, the default, combines good image quality with small file size. Motion JPEG files have very good image quality along with much bigger file size. On average, a Motion JPEG video clip will be ten times the size of the same clip recorded using H.263.

Within each of these selections, you can also choose the image quality, from **High** to **Low**. High quality clips will result in larger file sizes, and Low quality clips will generate smaller file sizes.

Audio Recording

EyesOn Software features integrated audio recording on channel 1. This feature will allow clips recorded on channel 1 to have audio with the video playback. You can turn on audio recording by checking the box next to **Record audio with channel 1**.

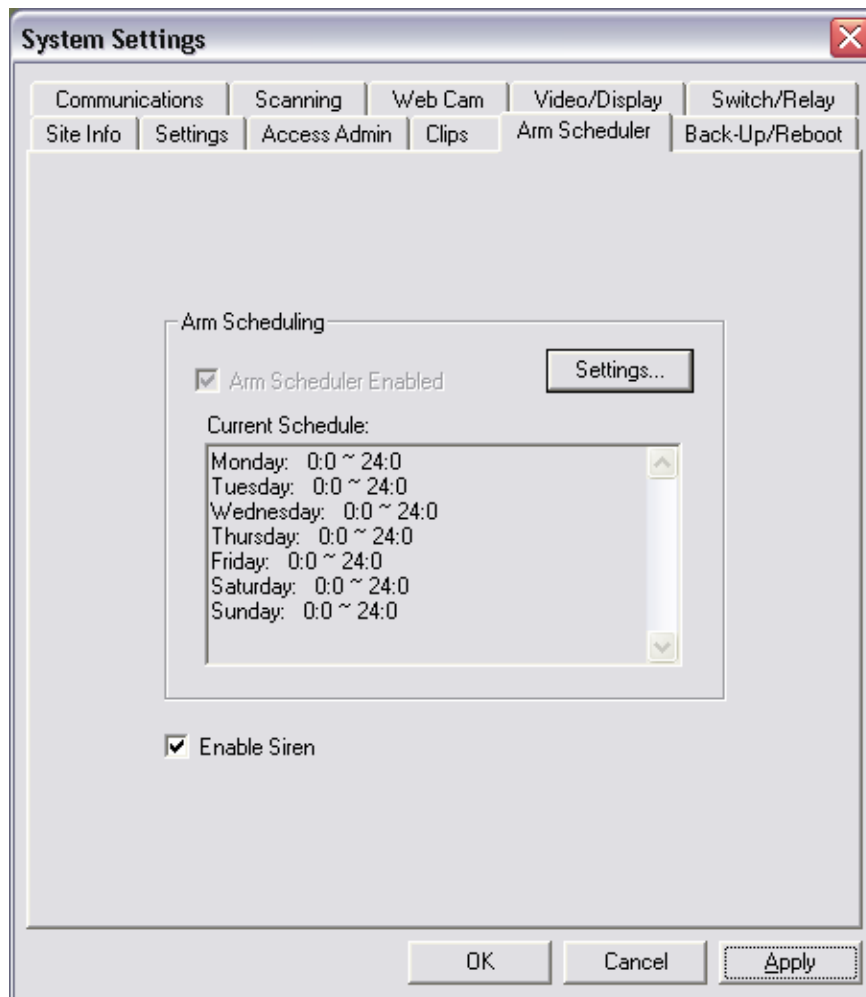
A checkbox that is checked, followed by the text "Record audio with channel 1".

****PLEASE CHECK WITH LOCAL LAW ENFORCEMENT FOR LAWS REGARDING AUDIO RECORDING IN YOUR STATE****

****ROSENTHAL IS NOT LIABLE FOR MISUSE OF AUDIO RECORDING IN STATES AND LOCALITIES WHERE SUCH USE IS PROHIBITED BY LAW****

Arm Scheduler

If you decide to record video clips only when your cameras detect motion, you can set up a schedule of when to arm and disarm the system. Just like with other security systems, in EyesOn Software the term **Armed** indicates that the security measures are **ON**, and any motion that occurs will cause the system to record. Likewise, **Disarm** means that the security measures are **OFF**.



The **Arm Scheduler** tab shows a listing of the currently scheduled recording times by day of the week.

You can also click the check box next to **Enable Siren** if you would like an audio alarm to sound when motion is detected. Please note that you will need speakers for this feature.

To adjust when the system is armed, click the **Settings** button next to **Arm Scheduling**.

Schedule for Arming the System

☒ Enable Scheduler

	Time Range 1			Time Range 2		
	On/Off	Start	End	On/Off	Start	End
Monday	<input checked="" type="checkbox"/>	11 : 0	24 : 0	<input type="checkbox"/>	0 : 0	24 : 0
Tuesday	<input type="checkbox"/>	0 : 0	24 : 0	<input type="checkbox"/>	0 : 0	24 : 0
Wednesday	<input checked="" type="checkbox"/>	0 : 0	8 : 0	<input checked="" type="checkbox"/>	18 : 0	24 : 0
Thursday	<input type="checkbox"/>	0 : 0	24 : 0	<input type="checkbox"/>	0 : 0	24 : 0
Friday	<input checked="" type="checkbox"/>	0 : 0	24 : 0	<input type="checkbox"/>	0 : 0	24 : 0
Saturday	<input type="checkbox"/>	0 : 0	24 : 0	<input type="checkbox"/>	0 : 0	24 : 0
Sunday	<input type="checkbox"/>	0 : 0	24 : 0	<input type="checkbox"/>	0 : 0	24 : 0

* Please enter using military time (e.g. 2:30PM = 14:30)

OK Cancel Default

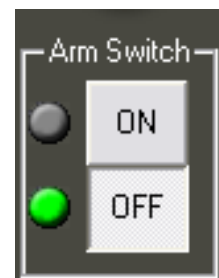
The **Arm Scheduler** tells EyesOn Software when to turn motion detection on or off. You can specify up to two time periods per day for each day of the week, with the time of day given in 24-hour (military) time. All you need to do is enter your start and end times, and check the box next to the day of the week to enable that day.

In the first example, you'll see that on Monday, the system is set to be armed at 11:00AM and disarmed at 12:00 Midnight.

In the next example, Wednesday the system is armed from Midnight to 8:00AM, and then again at 6:00PM, until Midnight. This is one possible schedule that could be used for an office or other location that wants to monitor unauthorized access before and after business hours.

The last example shows how to set EyesOn Software to be armed 24 hours a day. 0:0 to 24:0 tells EyesOn Software to begin at Midnight and end the following Midnight. Used in conjunction across multiple days, the Server can be set to be armed 24/7.

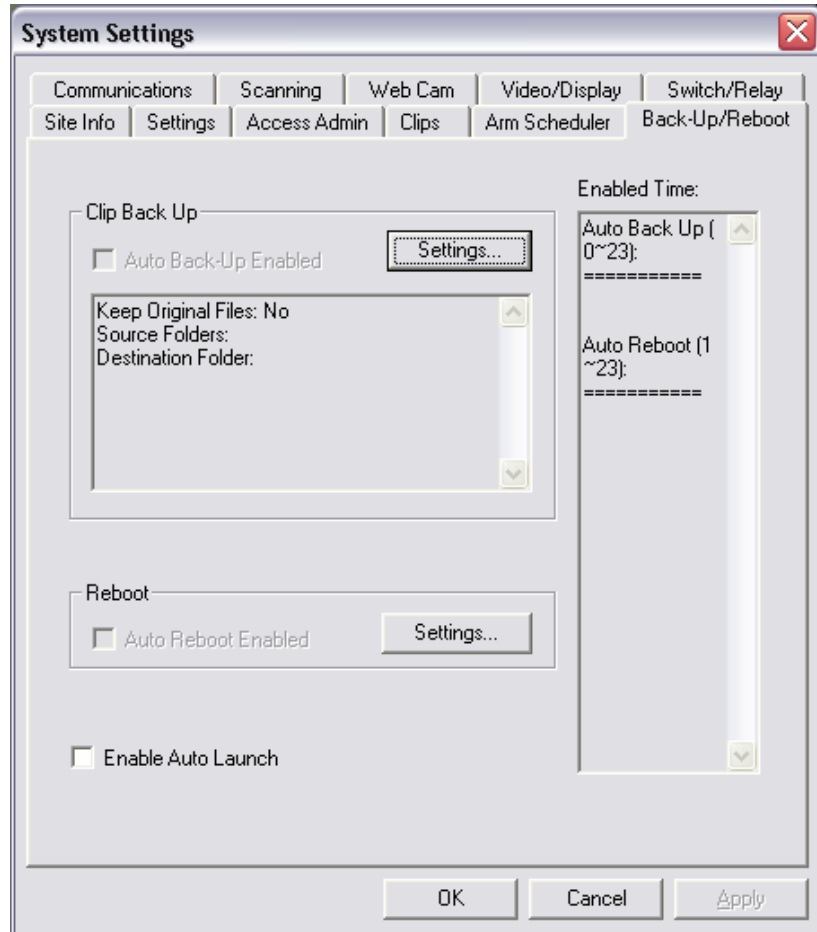
Please note that the Server can also be armed and disarmed by selecting the **ON** or **OFF** buttons located on the right side of the main EyesOn Software screen.



Back-Up/Reboot

The **Back-Up/Reboot** tab is used to set automatic back up and reboot.

You'll also see a listing to the right of the tab showing when **Auto Back-Up** and **Auto Reboot** have been scheduled to occur.

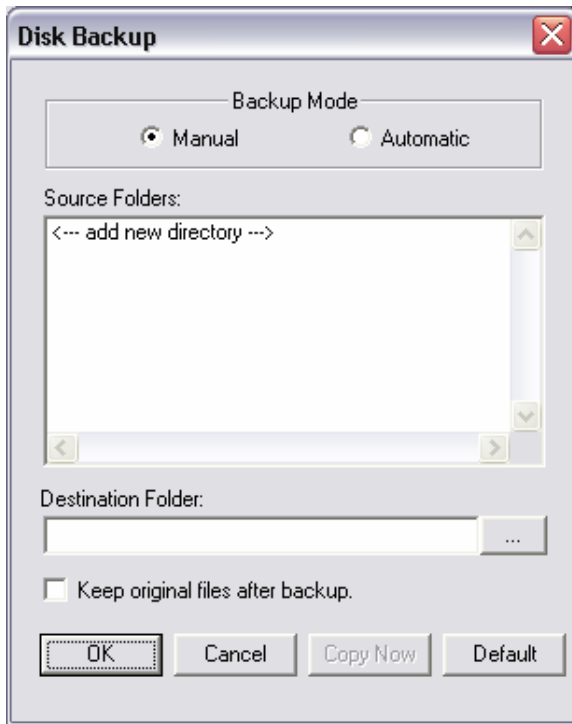


Clip Back-Up

If you would like to back-up important video clips, or if you just want to archive your recordings for later examination, EyesOn Software **Clip Back-Up** feature can be used to move previously recorded clips to a specified location.

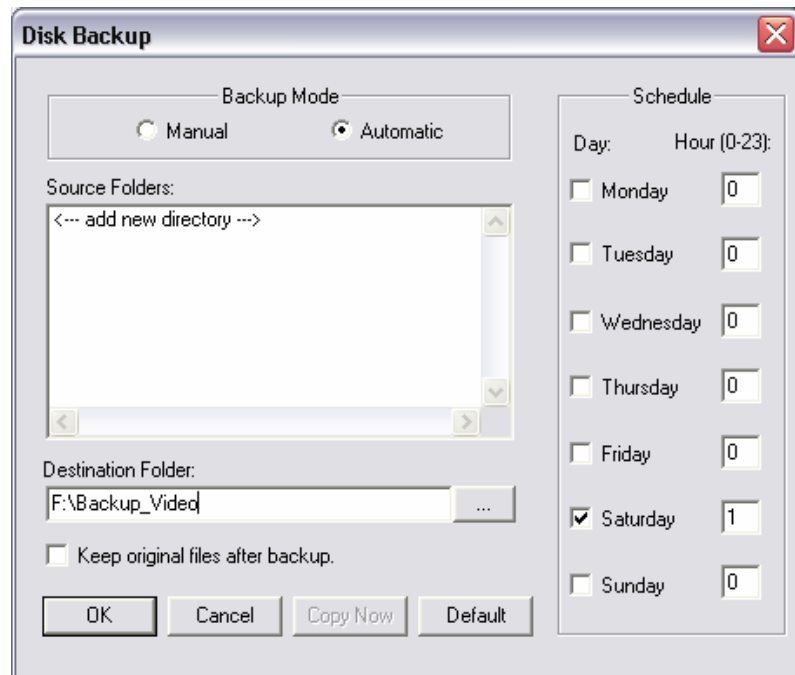
To access the disk back-up window, click the **Settings** button next to **Clip Back-Up**.

First select either **Manual** or **Automatic Backup** mode.



Manual is used to back-up files right now. Just choose the source folder (this should be the same one you chose in Disk Usage – see above) and the destination folder, which can be a removable hard drive, a network drive, or a CD-R/RW, just to name a few of the many possibilities. Then just click **Copy Now** to begin the backup. You can also select to keep your original files after backup is complete. If you do not choose to keep them then the files will be deleted.

Automatic back-ups are very similar to Manual, the difference being that you can schedule your backup operation to occur weekly or even daily.



Auto Reboot

Auto Reboot can be used to schedule an automatic reboot of the server at a specified time.

To access Auto Reboot, just click the **Settings** button next to **Reboot** in the **Backup/Reboot** tab.

Then select the day or days of the week along with the hour of the day when you want to reboot your Server PC.

For security reasons, the actual reboot will randomly occur within 15 minutes of the hour you select. This feature prevents others from predicting when your video surveillance system will be unavailable.

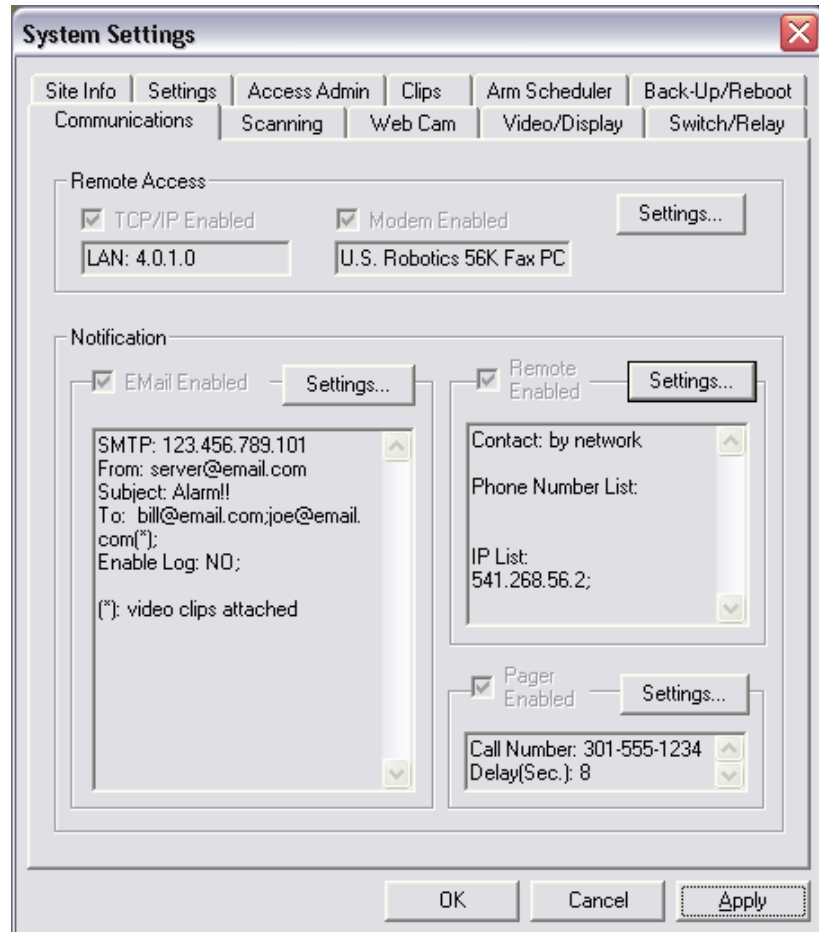


The image shows a Windows-style dialog box titled "Auto Reboot Scheduler". It has a close button (X) in the top right corner. Inside the dialog, there is a checkbox labeled "Enable Auto Reboot" which is checked. Below this is a section titled "Schedule" containing a table with two columns: "Day:" and "Hour (1-23):". The table lists the days of the week from Monday to Sunday. The "Wednesday" row is selected with a checked checkbox. All the hour input boxes contain the number "1". At the bottom of the dialog are three buttons: "OK", "Cancel", and "Default".

Day:	Hour (1-23):
<input type="checkbox"/> Monday	1
<input type="checkbox"/> Tuesday	1
<input checked="" type="checkbox"/> Wednesday	1
<input type="checkbox"/> Thursday	1
<input type="checkbox"/> Friday	1
<input type="checkbox"/> Saturday	1
<input type="checkbox"/> Sunday	1

Communications

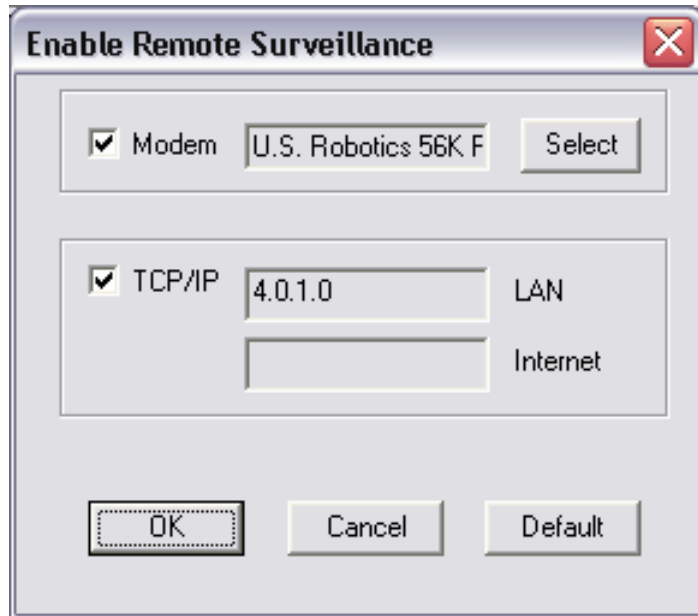
The next tab, **Communications**, lets you enable Remote Access and set your Server to notify you when an alarm occurs.



Remote Access

To enable Remote Access, click the **Settings** button next to **Remote Access**.

To enable remote connections to EyesOn Software, you'll need to first enable the method of connection. You can choose to permit **Modem** or **TCP/IP** (cable modem or LAN) connections, or both.



Configure Email

If you would like to have an email sent to you each time EyesOn Software detects motion, you can use the Email notification feature by clicking on the **Settings** button next to **Email Enabled**.

Configure E-Mail

☒ Enable E-Mail Notification

E-Mail Server

SMTP 123.456.789.101

☒ This server requires authentication.

User Name server

Password xxxxxxxx

E-Mail Header

Reply-to Address server@email.com

Subject Alarm!!!

☒ Enable Logging

Filename email.log

View Browse

E-Mail Notification Recipients

Attach Video ☐

Email Address

bill@email.com

x joe@email.com

Add Remove

E-Mail Content

Text Message

An Alarm has been triggered!

OK Cancel Default

Just place a check in the **Enable E-mail Notification** box, and then enter your **SMTP** (outgoing mail server) address. Your ISP or Network administrator should be able to provide you with your SMTP address if you're not sure what it is.

☒ Enable E-Mail Notification

SMTP 123.456.789.101

☒ This server requires authentication.

User Name user

Password xxxx

If your SMTP server requires that you use an email name and password to send email through the server you will need to enter that username and password into the section under **This server requires authentication**.

Attach Video	Email Address
<input checked="" type="checkbox"/>	sam@email.com

bill@email.com
x joe@email.com

Remove

Next, add the email addresses of whomever you would like the email sent to. Just type their address in the space provided, place a check in the **Attach Video** box if you would like the video of the motion that was detected to be sent to them, and click **Add**. In the example to the left, joe@email.com will receive a video attachment, but bill@email.com will not.

Next, enter the **Reply-to Address**, **Subject**, and **Text Message**. These items will be included in all emails that are sent.

E-Mail Header

Reply-to Address: server@email.com

Subject: Alarm!!

E-Mail Content

Text Message

An alarm has been triggered!

Finally, you can check **Enable Logging** and create a filename if you would like to save a log of all the emails EyesOn Software has sent.






☒ Enable Logging

Filename: email.log

View Browse

As a final note, please remember that if you decide to use this notification method, you'll be notified every time that motion occurs when the system is armed. You should also select only one notification method at a time, since using two or more may cause a conflict when EyesOn Software tries to do both.

You can also send email notification of an alarm to your cell phone, if it supports email messaging. For the email address format for several major wireless providers, please see the chart below. Just add your cell phone number where it says "Phone#" in the email address shown. **Please note if you are using this feature to alert your cell phone, leave the "attach video" checkbox empty.** Only text messages can be sent to a cell phone at this time.

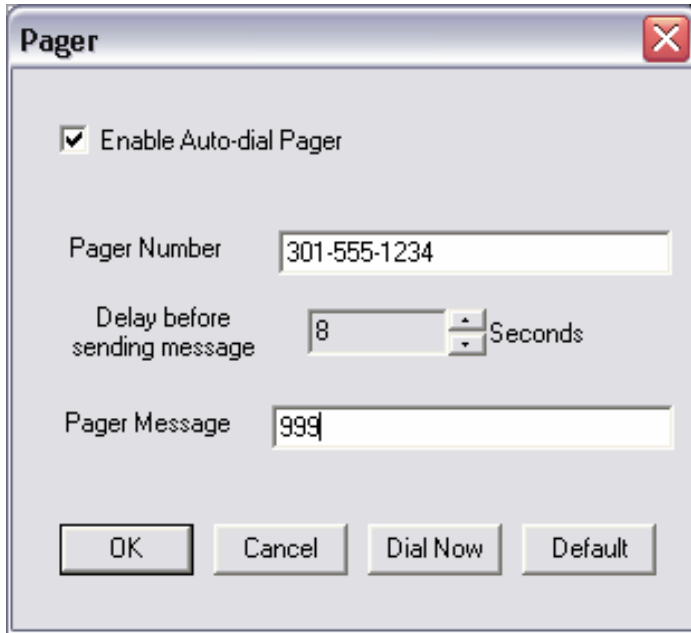
	Phone#@mobile.att.net
<p>Note: Email messages are limited to 150 characters in length, which includes the sender, subject, and body text. Messages longer than the maximum character limit will be truncated or "cut off" and the receiver will not receive the remainder of the message.</p>	
	Phone#@msg.myVZW.com
<p>Note: Verizon Wireless can support at least 120 character messages in virtually all Mobile Messenger markets. Only 120 characters of the message will be received. All remaining characters will be deleted. The 120 character limit includes the sender's email address, the composed message, and, if provided, the subject and callback number.</p>	
	Phone#@messaging.nextel.com
<p>Note: Messages of more than 140 characters (including letters, punctuation, and system-generated characters) will be billed as two messages.</p>	
	Phone#@messaging.sprintpcs.com
<p>Note: Any message has a limit of 100 characters, including header information.</p>	
	Phone#@mobile.mycingular.net
<p>Note: Messages of up to 500 characters can be received, but will be broken up into several 150-character messages.</p>	

Email Addresses and Messaging Notes for Cell Phones

Pager

Another way to be notified when EyesOn Software detects motion is the **Pager** feature. To set up pager notification, click the **Settings** button next to **Pager Enabled**.

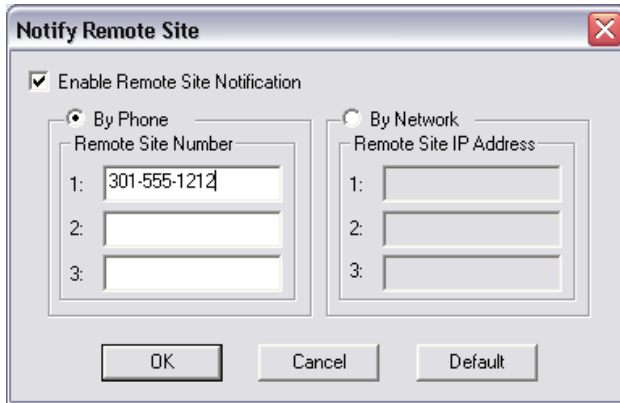
Using Pager, you can set EyesOn Software to dial a telephone number for a phone or pager when the system is armed and motion is detected.



The screenshot shows a dialog box titled "Pager" with a close button (X) in the top right corner. Inside the dialog, there is a checked checkbox labeled "Enable Auto-dial Pager". Below this, there are three input fields: "Pager Number" with the value "301-555-1234", "Delay before sending message" with a spinner box set to "8" and the unit "Seconds", and "Pager Message" with the value "999". At the bottom of the dialog, there are four buttons: "OK", "Cancel", "Dial Now", and "Default".

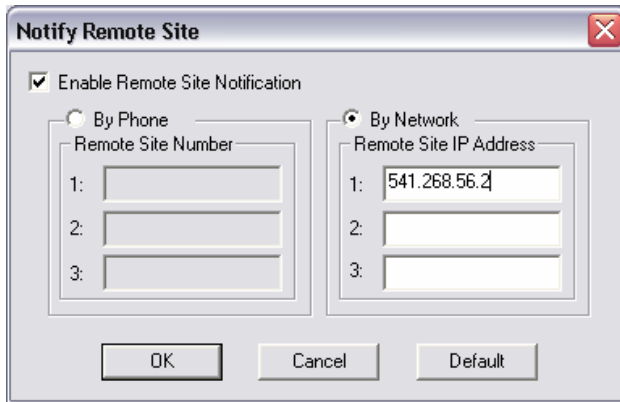
Just click **Enable Auto-dial Pager**, enter the phone number and numeric message, and set the delay (in seconds) between when the number is dialed and the numeric message sent.

Notify Remote Site



The dialog box is titled "Notify Remote Site" and has a close button (X) in the top right corner. It contains a checked checkbox labeled "Enable Remote Site Notification". Below this, there are two radio buttons: "By Phone" (selected) and "By Network". Under "By Phone", there is a label "Remote Site Number" and three input fields labeled "1:", "2:", and "3:". The first field contains the text "301-555-1212". At the bottom, there are three buttons: "OK", "Cancel", and "Default".

You can also have the system connect to a Remote Computer running the Client software. By clicking on **Notify Remote Site** you can make the system connect to another system by **Phone** or **IP Address** so that when an event occurs the remote Client will be connected to view the site.

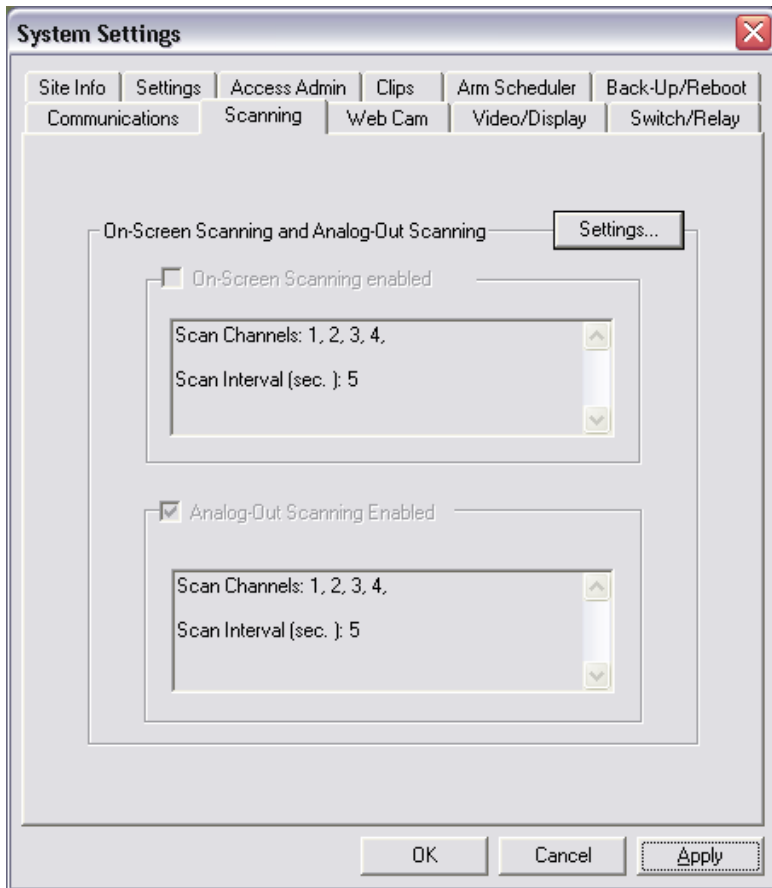


The dialog box is titled "Notify Remote Site" and has a close button (X) in the top right corner. It contains a checked checkbox labeled "Enable Remote Site Notification". Below this, there are two radio buttons: "By Phone" and "By Network" (selected). Under "By Network", there is a label "Remote Site IP Address" and three input fields labeled "1:", "2:", and "3:". The first field contains the text "541.268.56.2". At the bottom, there are three buttons: "OK", "Cancel", and "Default".

Scanning

EyesOn Software Server includes a scanning feature, which lets you cycle through channels **On-Screen** when you've selected a camera layout that includes one large camera view. Using the **Scanning** tab, you can choose which cameras are included.

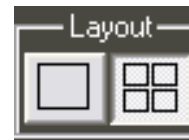
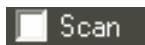
To select the cameras, click the **Settings** button.



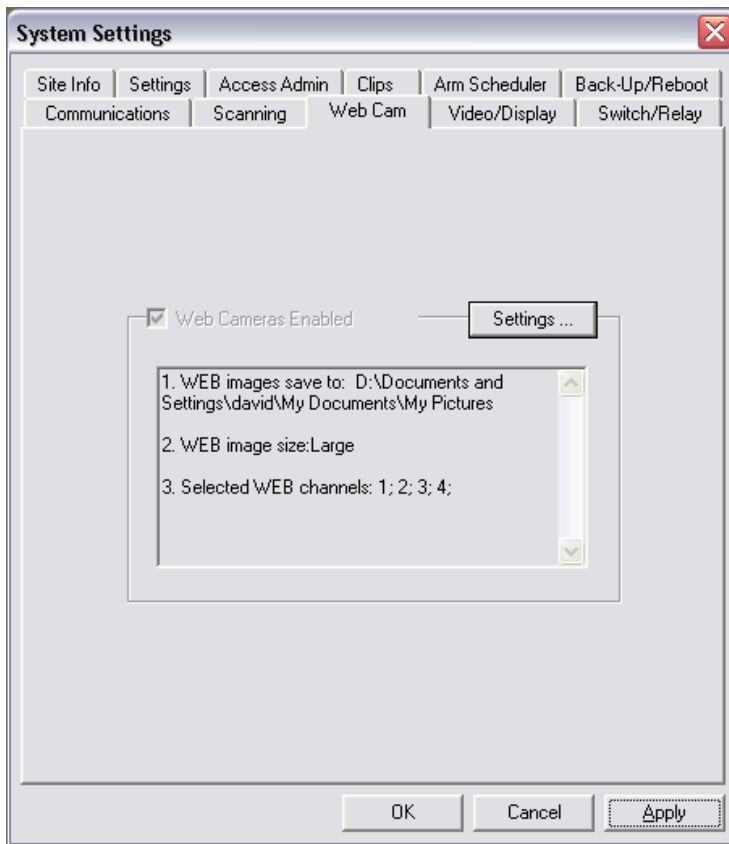
Now you'll see the **Scanning Time** window.

You can select the included channels for **On-Screen** scanning.

To turn on On-Screen scanning, you'll need to first select a camera layout that includes one large camera. This can be done on the main camera display using the **Layout** buttons, located to the right of your cameras. Select the layout on the left hand side of the list, and then place a check in the check box next to **Scan**.



Web Cam



The **Web Cam** option lets you broadcast your EyesOn Software camera images to a local Web page for viewing over the Internet.

To set up the location of the Web page, as well as the image size and the included channels, click the **Settings** button.

For Instructions on setting up **Internet Information Service** from Microsoft®, see Appendix C.

To set up your Web Cam, click on **Generate live images**, and then select the location of your Web page. It can be on the local PC or on a mapped Network drive.

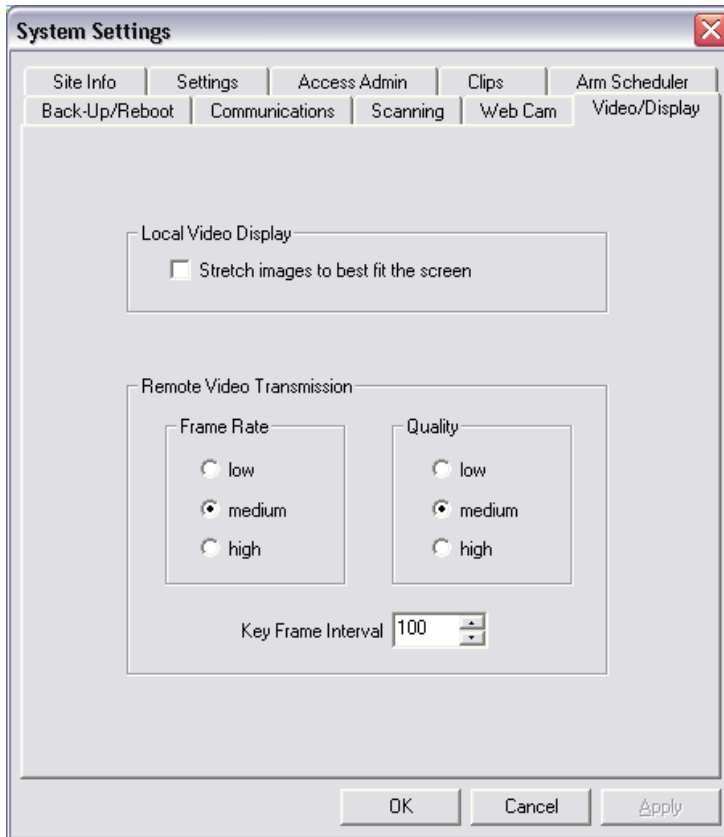
Next, select the image size: **160x120** (small) or **320x240** (large).

Finally, select the camera numbers that you want to include on the Web page.

By applying the changes from this page a default.htm file along with the other components of the web page will be placed in the folder specified.

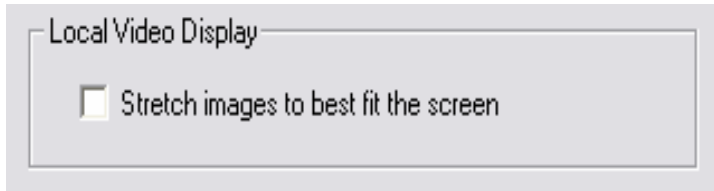


Video/Display



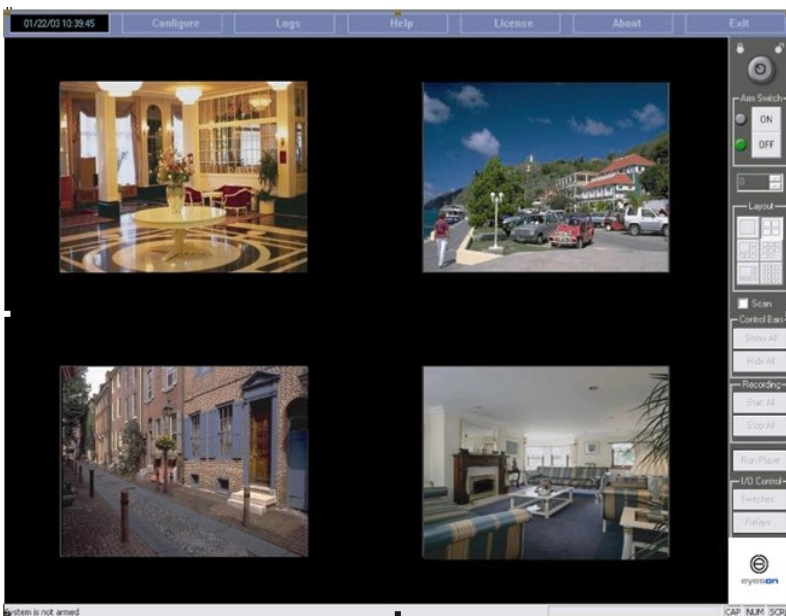
Using the **Video/Display** tab EyesOn Software can change video capture, display, and transmission.

Local Video Display



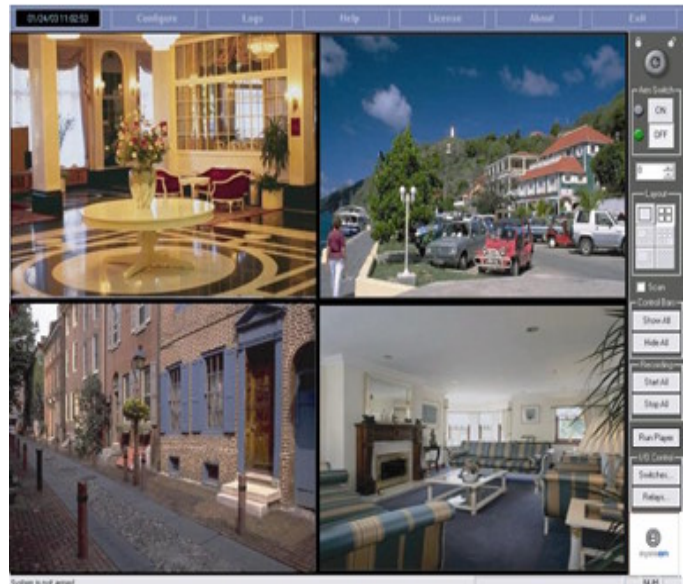
This feature allows you to change the video display on the screen to completely fill available space, however the recorded video will stay the same size.

****This option utilizes more CPU capacity and will affect the overall performance of your system, especially if used in conjunction with optional High Performance capture cards****

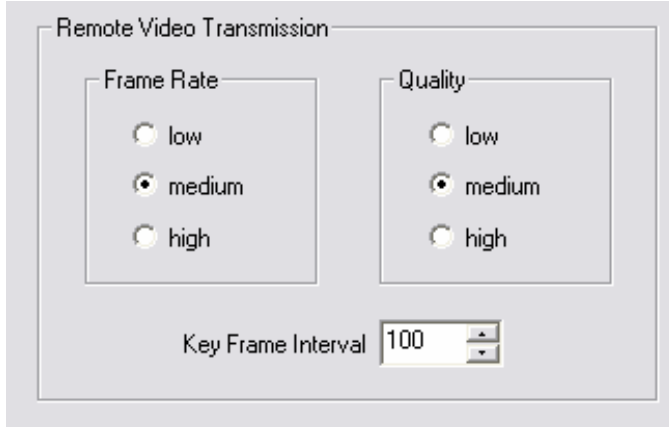


The picture to the left shows the standard display of the EyesOn Software Server...

...the picture to the right is shown with the best-fit option checked.



Remote Video Transmission



The screenshot shows a window titled "Remote Video Transmission". Inside, there are two columns of radio buttons. The left column is labeled "Frame Rate" and has three options: "low", "medium" (which is selected), and "high". The right column is labeled "Quality" and also has three options: "low", "medium" (which is selected), and "high". Below these columns is a "Key Frame Interval" label followed by a text box containing the number "100" and a small up/down arrow control.

For slower broadband connections EyesOn Software can be adjusted to transmit the video in smaller packets.

By adjusting the **Frame Rate**, **Quality**, and **Key Frame Interval** you can send out smaller packets for slower connections to get a better transmission.

Lower frame rate and lower quality require less bandwidth and make the remote PTZ control more responsive.

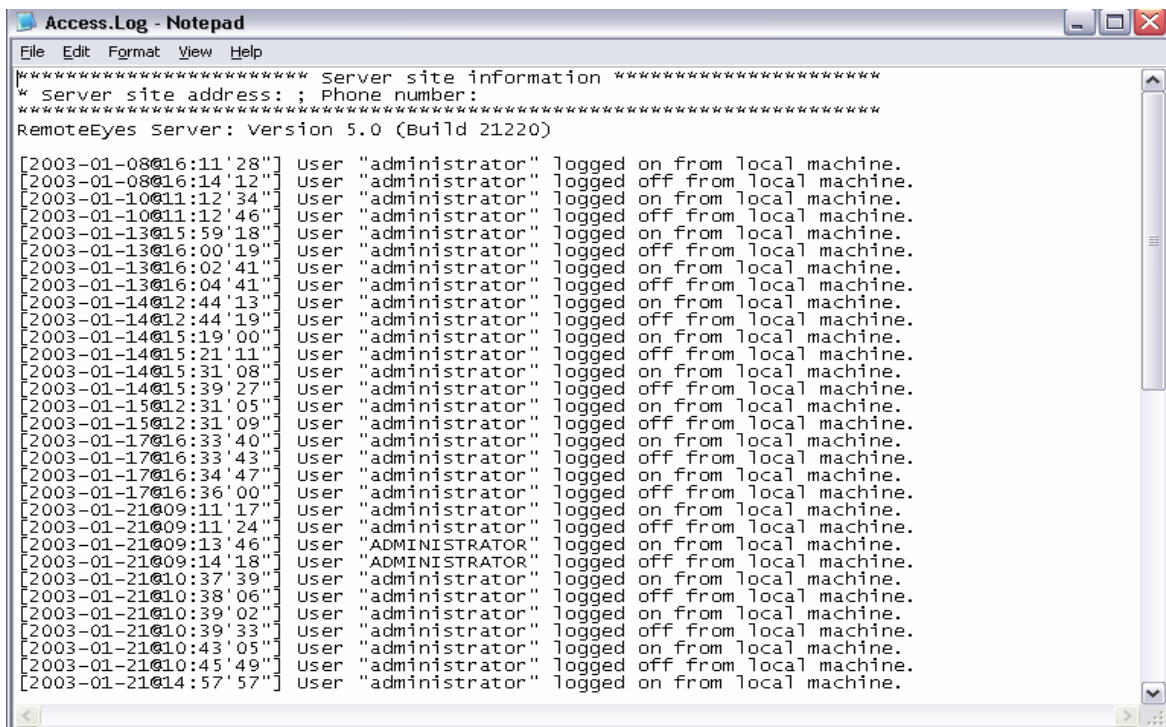
The Log Button

Logs

The **Log** button is used to display the **Access Log** and the **Event Log**. These two reports keep track of who has been using the server and also what has occurred at the server.

The Access Log

The **Access Log** is a text file that includes a record for each time someone successfully or unsuccessfully tries to login to your EyesOn Software Server. It also shows the method of the connection (Phone or TCP/IP), and when the User logged out.



```

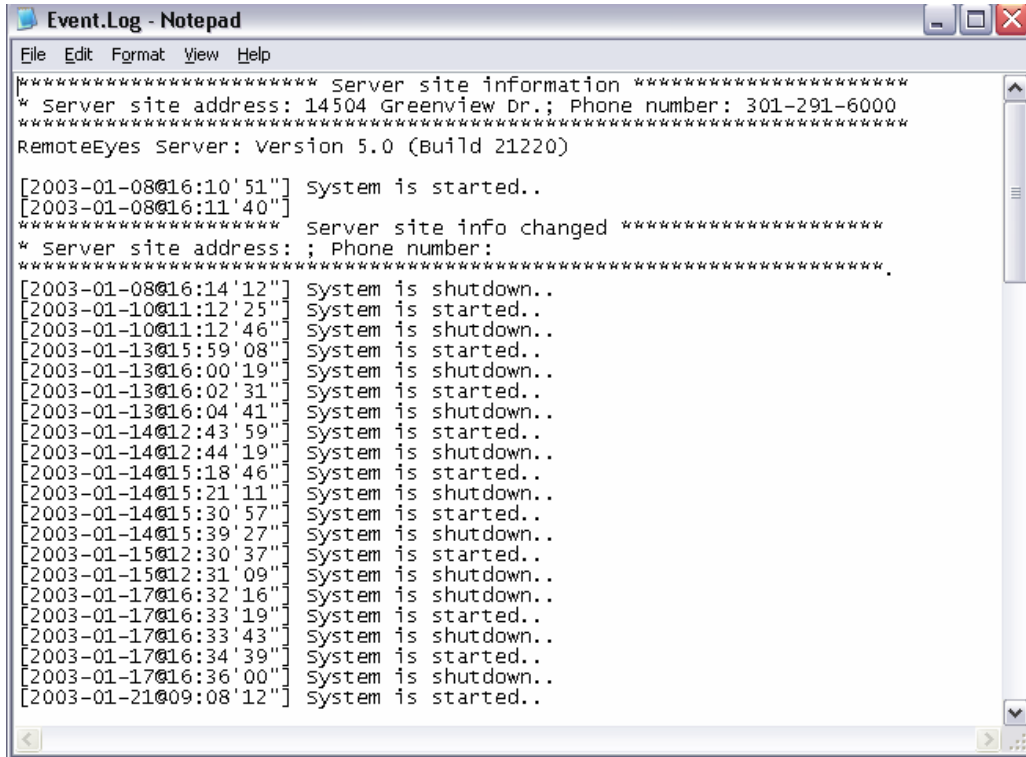
Access.Log - Notepad
File Edit Format View Help
***** Server site information *****
* Server site address: ; Phone number:
*****
RemoteEyes Server: version 5.0 (Build 21220)

[2003-01-08@16:11'28"] User "administrator" logged on from local machine.
[2003-01-08@16:14'12"] User "administrator" logged off from local machine.
[2003-01-10@11:12'34"] User "administrator" logged on from local machine.
[2003-01-10@11:12'46"] User "administrator" logged off from local machine.
[2003-01-13@15:59'18"] User "administrator" logged on from local machine.
[2003-01-13@16:00'19"] User "administrator" logged off from local machine.
[2003-01-13@16:02'41"] User "administrator" logged on from local machine.
[2003-01-13@16:04'41"] User "administrator" logged off from local machine.
[2003-01-14@12:44'13"] User "administrator" logged on from local machine.
[2003-01-14@12:44'19"] User "administrator" logged off from local machine.
[2003-01-14@15:19'00"] User "administrator" logged on from local machine.
[2003-01-14@15:21'11"] User "administrator" logged off from local machine.
[2003-01-14@15:31'08"] User "administrator" logged on from local machine.
[2003-01-14@15:39'27"] User "administrator" logged off from local machine.
[2003-01-15@12:31'05"] User "administrator" logged on from local machine.
[2003-01-15@12:31'09"] User "administrator" logged off from local machine.
[2003-01-17@16:33'40"] User "administrator" logged on from local machine.
[2003-01-17@16:33'43"] User "administrator" logged off from local machine.
[2003-01-17@16:34'47"] User "administrator" logged on from local machine.
[2003-01-17@16:36'00"] User "administrator" logged off from local machine.
[2003-01-21@09:11'17"] User "administrator" logged on from local machine.
[2003-01-21@09:11'24"] User "administrator" logged off from local machine.
[2003-01-21@09:13'46"] User "ADMINISTRATOR" logged on from local machine.
[2003-01-21@09:14'18"] User "ADMINISTRATOR" logged off from local machine.
[2003-01-21@10:37'39"] User "administrator" logged on from local machine.
[2003-01-21@10:38'06"] User "administrator" logged off from local machine.
[2003-01-21@10:39'02"] User "administrator" logged on from local machine.
[2003-01-21@10:39'33"] User "administrator" logged off from local machine.
[2003-01-21@10:43'05"] User "administrator" logged on from local machine.
[2003-01-21@10:45'49"] User "administrator" logged off from local machine.
[2003-01-21@14:57'57"] User "administrator" logged on from local machine.

```

The Event Log

The **Event Log** is similar, but records any occurrence at the EyesOn Software Server, including startup, shutdown, motion detection, and system arm/disarm. It also records the Site Info for the Server.



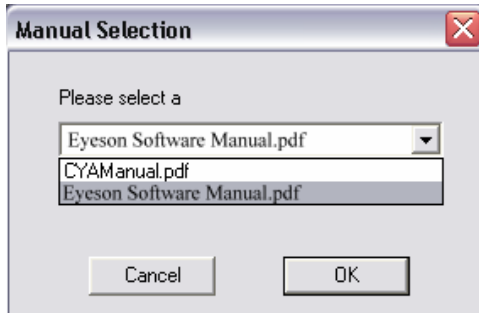
```
Event.Log - Notepad
File Edit Format View Help
***** Server site information *****
* Server site address: 14504 Greenview Dr.; Phone number: 301-291-6000
*****
RemoteEyes Server: Version 5.0 (Build 21220)

[2003-01-08@16:10'51"] system is started..
[2003-01-08@16:11'40"]
***** Server site info changed *****
* Server site address: ; Phone number:
*****
[2003-01-08@16:14'12"] system is shutdown..
[2003-01-10@11:12'25"] system is started..
[2003-01-10@11:12'46"] system is shutdown..
[2003-01-13@15:59'08"] system is started..
[2003-01-13@16:00'19"] system is shutdown..
[2003-01-13@16:02'31"] system is started..
[2003-01-13@16:04'41"] system is shutdown..
[2003-01-14@12:43'59"] system is started..
[2003-01-14@12:44'19"] system is shutdown..
[2003-01-14@15:18'46"] system is started..
[2003-01-14@15:21'11"] system is shutdown..
[2003-01-14@15:30'57"] system is started..
[2003-01-14@15:39'27"] system is shutdown..
[2003-01-15@12:30'37"] system is started..
[2003-01-15@12:31'09"] system is shutdown..
[2003-01-17@16:32'16"] system is shutdown..
[2003-01-17@16:33'19"] system is started..
[2003-01-17@16:33'43"] system is shutdown..
[2003-01-17@16:34'39"] system is started..
[2003-01-17@16:36'00"] system is shutdown..
[2003-01-21@09:08'12"] system is started..
```

The Help Button



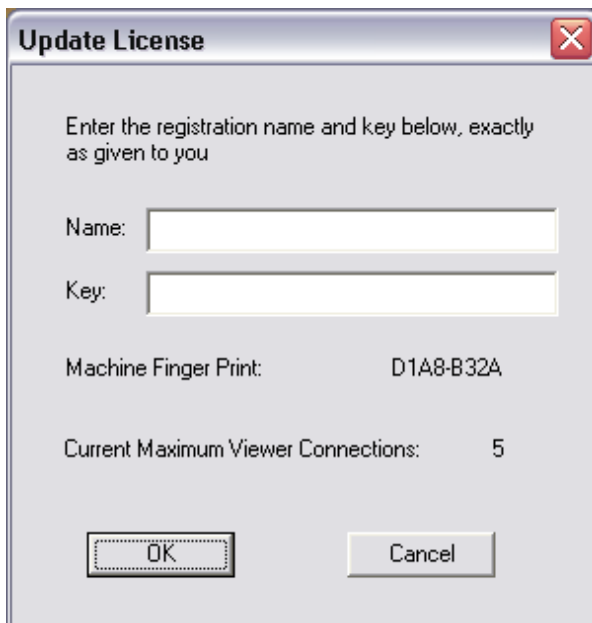
The **Help Button** will allow you to choose between the EyesOn Software Manual and the CYA Manual.



When you click on the Help button you will see this screen that will allow you to choose to look at the manual that you need.

The License Button

The **License Button** is used to enter new license information.



When contacting ROSENTHAL to update your license, you will be asked to provide the system's unique **Machine Finger Print**, as shown in the picture to the left.

The About Button

The **About** button is used to access the version and build number of the software to allow ROSENTHAL technical support staff to better help you with your questions.



The About window includes contact information for ROSENTHAL, as well as the version number of your EyesOn Software.



Controlling Individual Cameras



Each of the EyesOn Software cameras has certain settings that can be configured individually. To show these settings, you'll first need to display the camera's **Control Bar** by clicking on **Show All** from the main EyesOn Software screen. Or you can choose an individual camera's control bar by right clicking and selecting **Show Control Bar**.

The control bar includes a number of icons that control various camera features.

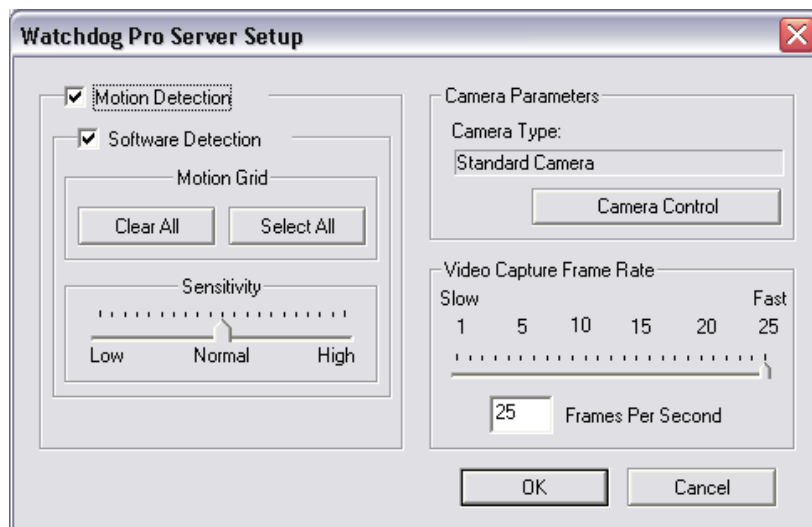


To the far left is the **Camera Name Field**. A name up to 16 characters (including spaces) can be assigned to each camera. This name will appear in the Client software as well as the Web page and Player once you have made a connection to this Server.

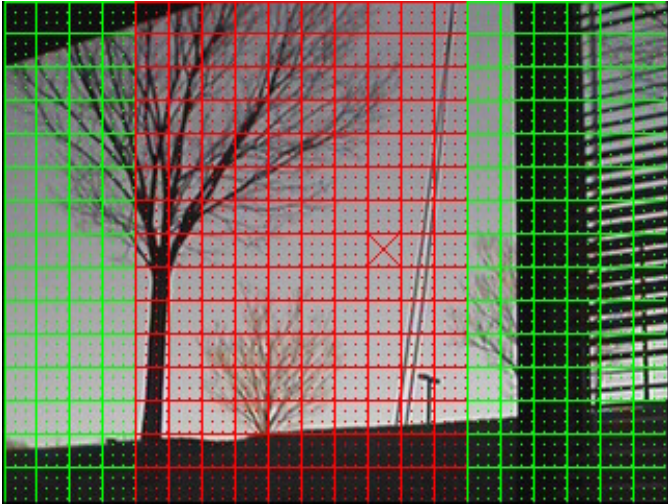
The next icon,



launches the **Camera Setup** window, where you can enable software motion detection and set sensitivity to motion for this camera. You can also adjust your **Video Capture Frame Rate** from here.



To enable software motion detection, click the box next to **Motion Detection**, and then click next to **Software Detection**.

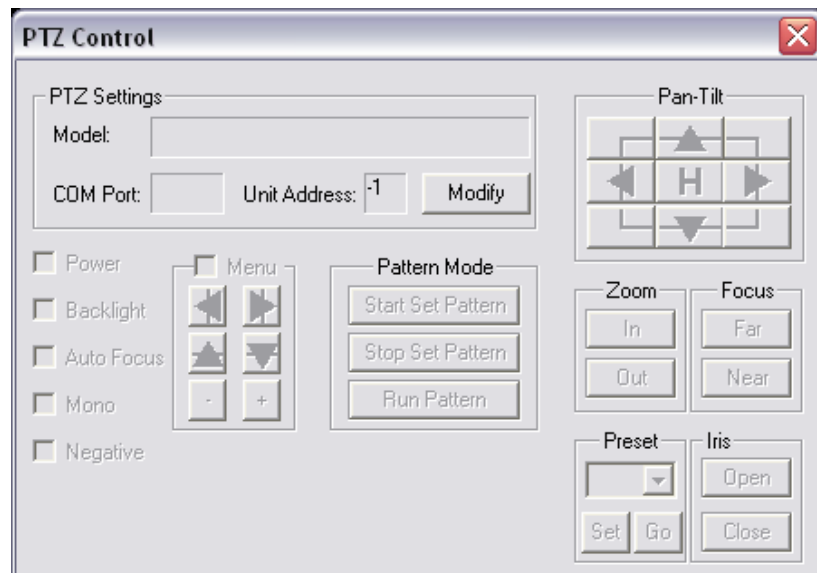


Once you've enabled Motion Detection, you can also select the screen area where motion detection will be active. Red grid areas indicate the part of the image where detection is enabled, and green indicates disabled detection. By clicking on individual grid squares, you'll see that they change to green, and vice versa. You also have the option to **Clear All** of the grid to make the entire grid inactive or to **Select All** to make the entire grid active.

From the Camera Setup window, you can also select the type of Pan-Tilt-Zoom, or **PTZ** camera you're using, if you have one connected at this camera channel. By clicking on the **Camera**


Control button  this will allow you to set up the PTZ.

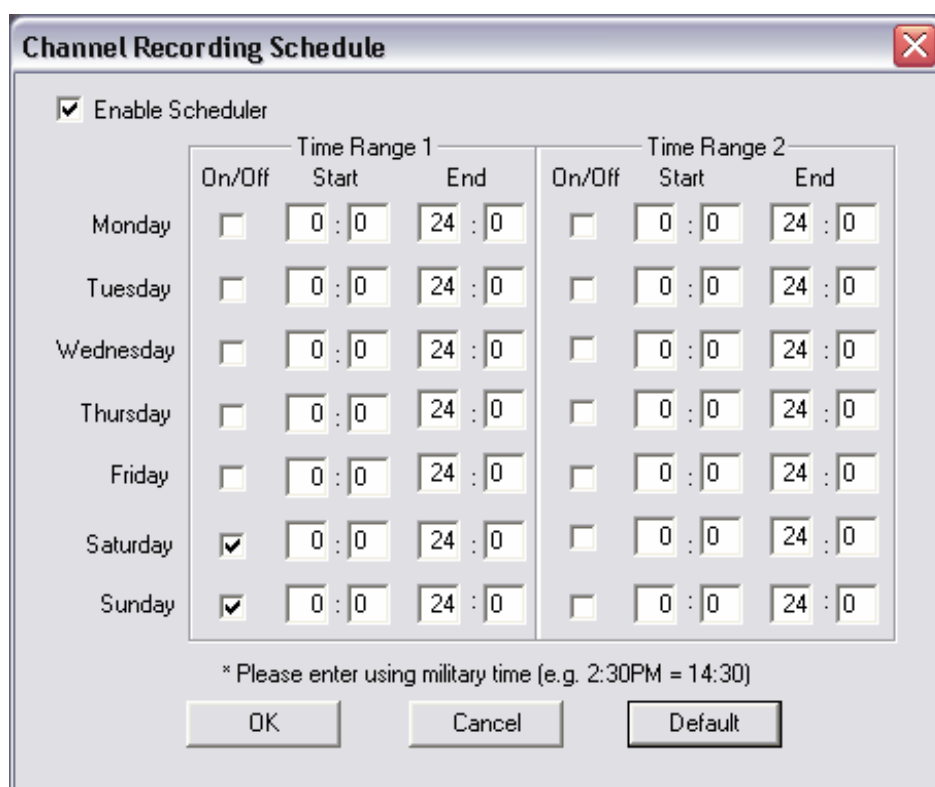
These controls allow you to control various types of PTZ cameras. Functions such as pan, tilt and zoom are available along with other features such as patterns, auto focus and preset positions.



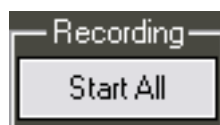


The **Modify** button allows you to choose the type of camera that you have as well as the COM port that it is attached to and the unit address if you have more than 1 camera attached to the COM port.

The next icon, , launches the **Channel Recording Scheduler**. Similar in appearance to the Arm Scheduler, this window lets you select the time of day and day of the week during which you want to record continuous video clips. Each camera must be set up to record separately, so each camera can have a different schedule.





Next are manual **Record**, **Stop**, and **Playback** controls, . Which can be used to manually capture video for this camera.



Another way to manually record is the **Start All** recording button on the main EyesOn Software screen. This button is used to start all of the cameras

recording. When shipping from the factory, the system will record 24x7 on all cameras.

The next two buttons, , are used to turn video input from the camera on and off. This is a useful feature if you do not have all of your cameras connected and want to disable the other inputs. The EyesOn Software card features an auto gain control function, so when you only plug one camera in it will be white. Using this option to turn off the unused camera ports will allow you to see the video on the one camera that is connected.

Finally, to the far right are the **Display on/off** buttons, . Whereas the camera on/off buttons turn off the input from the camera, the display on/off buttons only turn off the image displayed. Remember that this only turns off the image, and normal recording will occur. This will allow you to hide a camera so that people cannot see it.

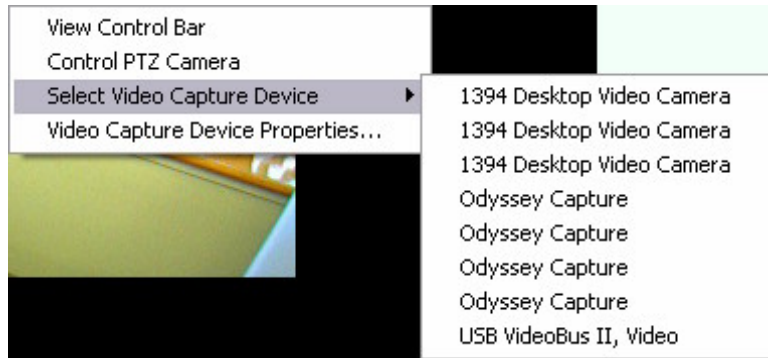
Right-Click Options

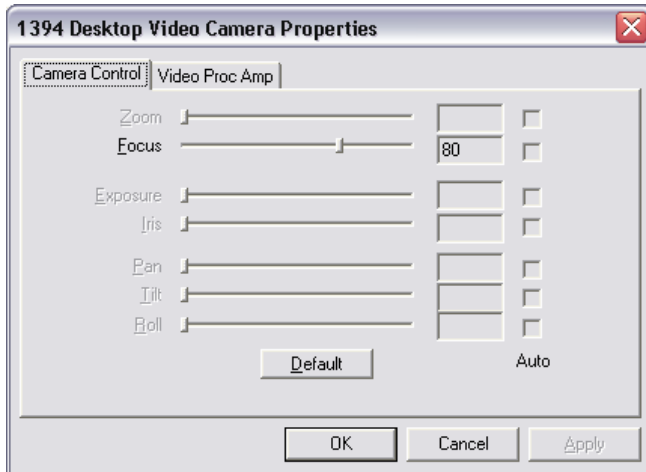
View Control Bar
Control PTZ Camera
Select Video Capture Device ▶
Video Capture Device Properties...

When you Right-Click on a camera view you will have several options. **View Control Bar** shows the control bar. **Control PTZ Camera** allows you to control a PTZ camera attached to your system. **Select Video Capture Device** allows you to choose the video device you want displayed on that camera. The last option is for **Video Capture**

Device Properties, which allows you to change the properties of the Video Capture Device

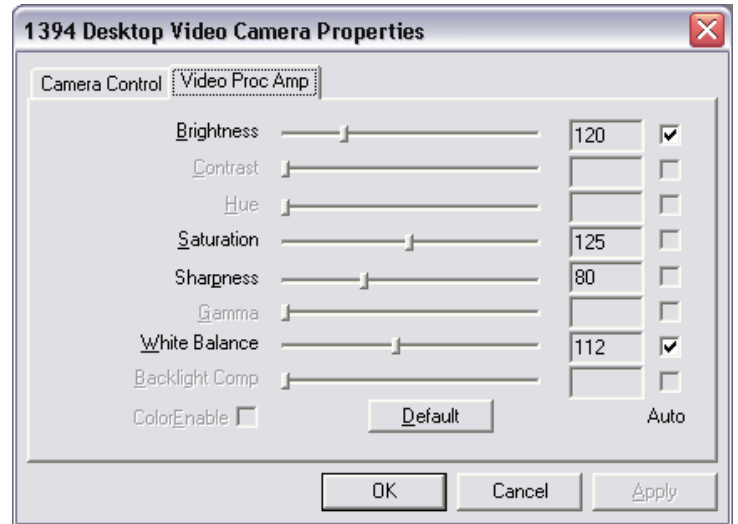
The **Select Video Capture Device** option allow you to choose which capture device you want to have displayed on that camera.



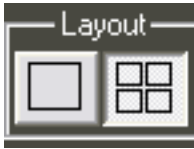


The **Video Capture Device Properties** includes the **Camera Control**, which allows you to change the Zoom, Focus, Exposure, Iris, Pan, Tilt, and Roll of a video capture device if that feature is supported. Also under this section is...

... the **Video Proc Amp**. This allows you to control camera features such as Brightness, Contrast, Hue, Saturation, Sharpness, Gamma, White Balance, and Backlight. These options are only available if your video capture device supports them.

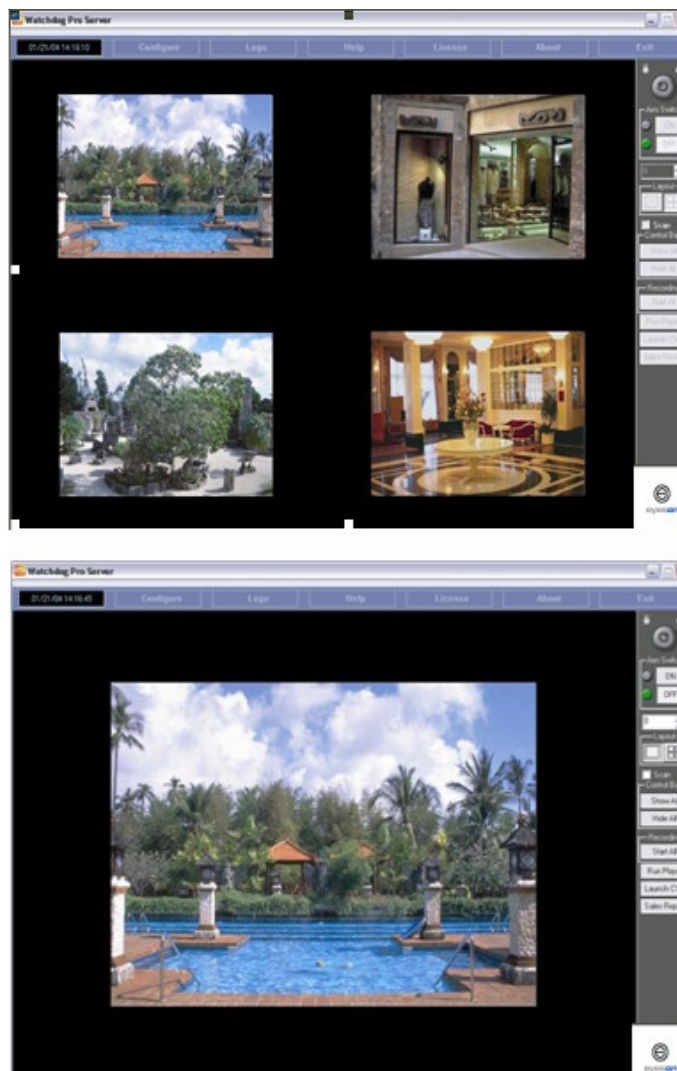


Changing Camera Layout

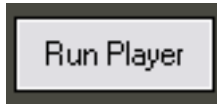


The EyesOn Software Server allows you to have two different **Camera Layouts**. These two options are to display all cameras that are connected or to display only one of those cameras.

Camera Layouts

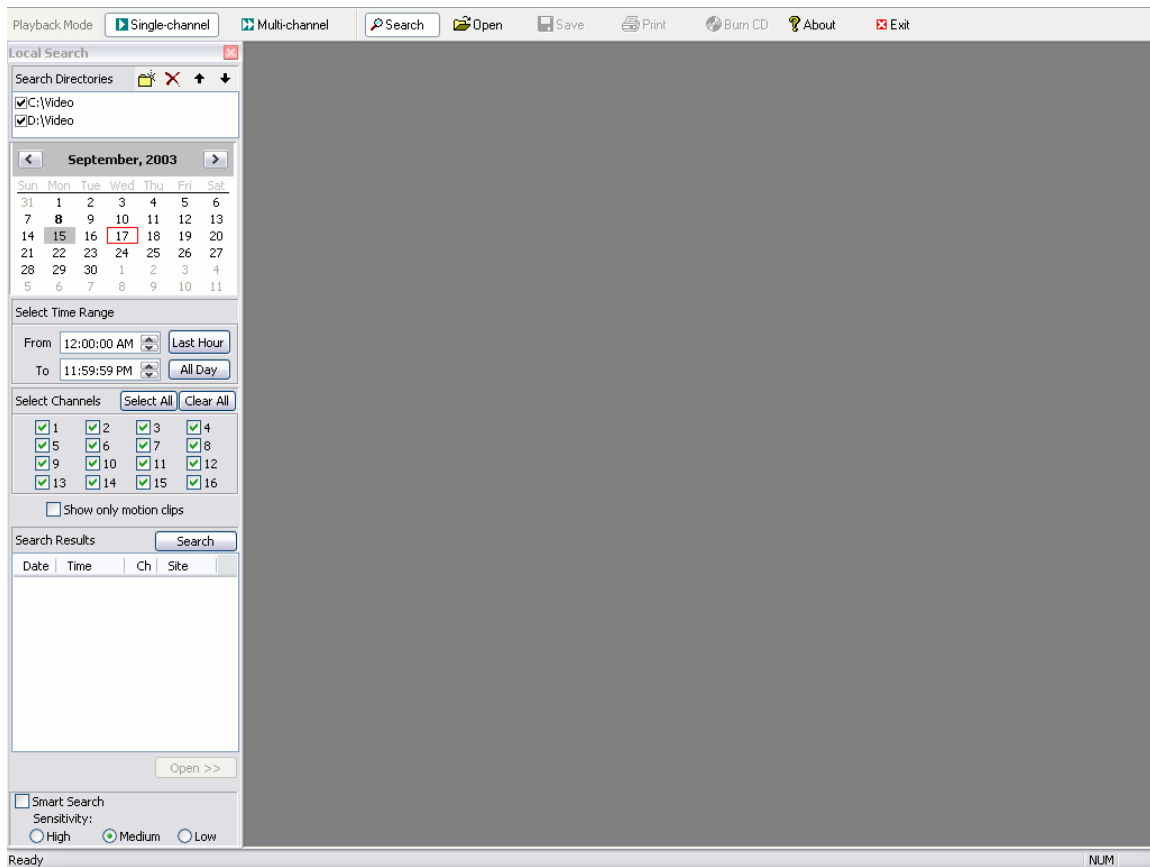


Getting Started with EyesOn Software ® Player

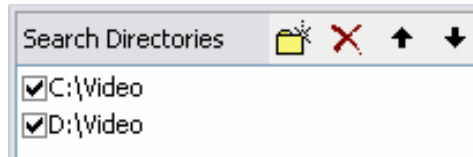



The Player is the component of EyesOn Software that lets you view previously recorded video clips. To start using the Player, click on **Run Player** on the right hand side of the main EyesOn Software screen .

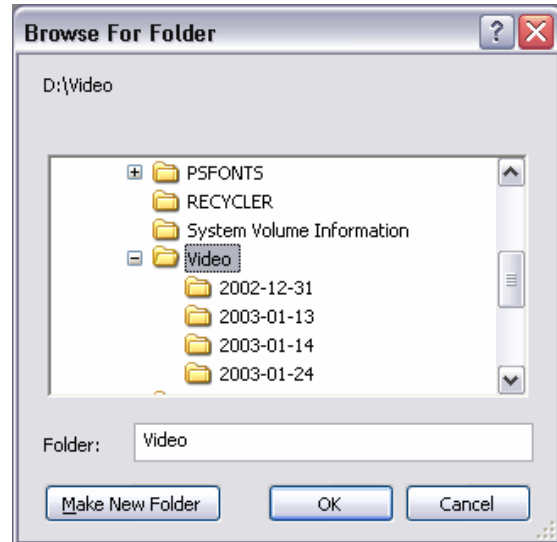
After clicking the button, the EyesOn Software Player will come up on the screen.



The EyesOn Software Player comes configured to search all directories that are being recorded to. However, you have the choice of searching only directories you choose by clicking the checkmark on or off of the directories listed. If you have any other directories for clip storage you will have to add them in the **Search Directories** box.



To add a new folder, click the **New**, , button. You'll be asked to browse for your folder. Just locate your video storage folder and click **OK**.



By default, EyesOn Software records to D:\Video, but if you changed your default folder under **Disk Usage** at the Server (see above for more information), you'll need to specify whichever folder or folders you specified.

Any folders that you specified would now be listed in the **Search Directories** box in the upper left of the main player screen.



Next, using the calendar, select the day that you want to search for clips. The days that have clips stored for that day will be **BOLD**.

You will also need to enter a **Time Range** which you want to search for clips. You can choose any time of the day to search for clips or use the convenient buttons to search the **Last Hour** or **All Day**.

Select Time Range

From 7:59:06 AM [up/down arrows]

To 8:59:06 AM [up/down arrows]

Last Hour

All Day

Select Channels

Select All Clear All

<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4
<input type="checkbox"/> 5	<input type="checkbox"/> 6	<input type="checkbox"/> 7	<input type="checkbox"/> 8
<input type="checkbox"/> 9	<input type="checkbox"/> 10	<input type="checkbox"/> 11	<input type="checkbox"/> 12
<input type="checkbox"/> 13	<input type="checkbox"/> 14	<input type="checkbox"/> 15	<input type="checkbox"/> 16

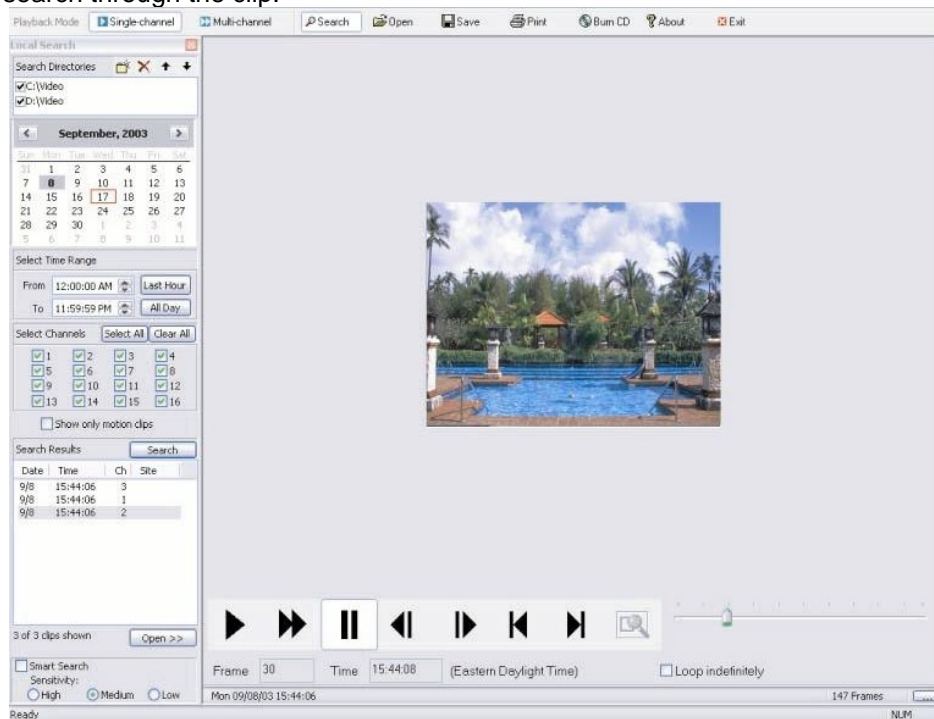
☐ Show only motion clips

Now choose which cameras that you would like to review. You can choose a specific camera or use the button to **Select All** of the cameras. Here you can also decide whether or not you only want to look at motion clips by checking the box next to **Show only motion clips**.

After choosing all of your options, click the search button and a list of clips matching your criteria will be displayed so that you can review them. Double click the first clip that you want to review, and it will open and start playing.

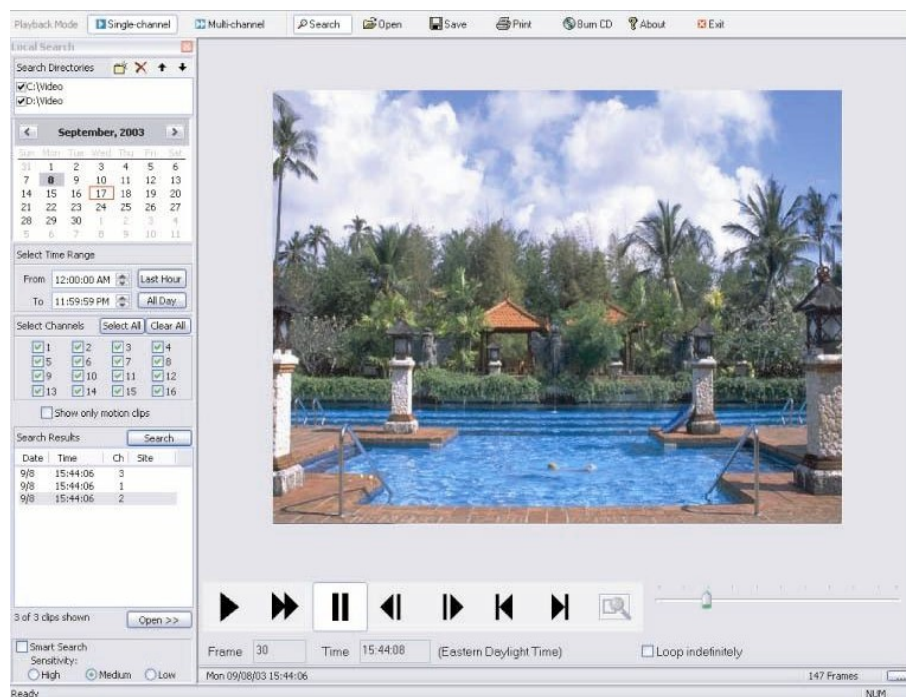
Date	Time	Ch	Site
1/24	16:02:02	2	MDET
1/24	16:00:57	4	MDET
1/24	16:00:28	2	MDET
1/24	15:59:36	2	MDET
1/24	15:57:57	4	MDET
1/24	15:57:56	4	
1/24	15:57:56	2	MDET
1/24	15:56:18	2	MDET
1/24	15:56:10	4	MDET
1/24	15:55:03	2	MDET
1/24	15:54:25	1	MDET
1/24	15:54:14	1	MDET
1/24	15:53:34	2	MDET

Now you should see the clip on the screen, and it will be playing. You can click **Pause** to pause the clip, **Fast Forward** to search the clip faster; you can also **Step Forward** and **Backward** frame by frame through the clip, as well as go to the **Previous** or **Next** clip. Or you can use the slider to search through the clip.

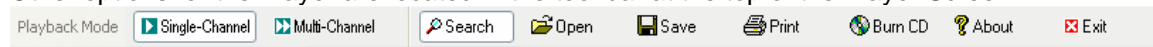


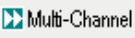
You will see that each clip has its own time and date stamp.

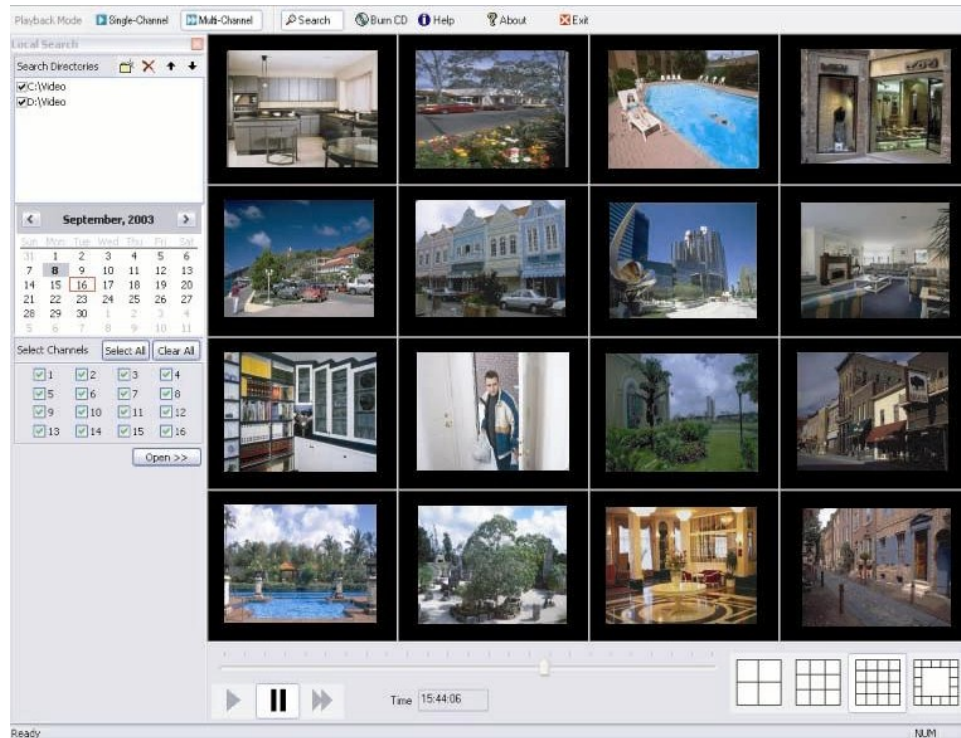
You can also right-click the clip you are reviewing and select **Double Size** to make the size of the clip larger.




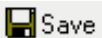
Other options for the Player are located in the tool bar at the top of the Player Screen.





The **Multi-Channel** button  is used for synchronized multi-channel playback. This is used for playback of all channels so that you may follow an event that occurs on multiple cameras. You can see an example below.



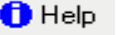
The **Open** button  is used to open clips manually. This is used when opening clips from a CD or other location that is not included in your search directories.


The **Save** button  is used to save the clip that you are currently viewing to another location. This is used to save videos either compressed, so that only the EyesOn Software Player can play them back, or uncompressed, so that any media player that will play an .avi file will play the clip back.

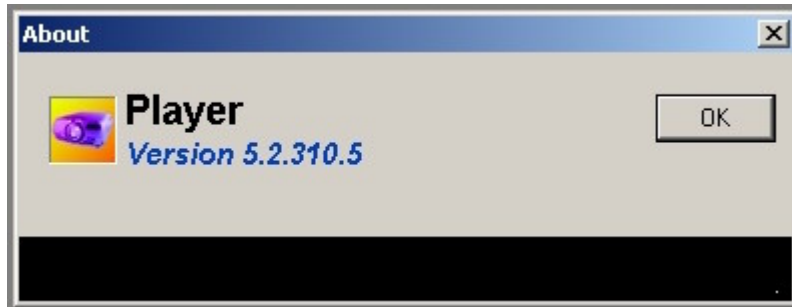
To print out the current frame of your clip, just choose the **Print**  button. Please make sure you have a printer connected and installed before you try to print.


The **Burn CD**  feature allows you to burn the current clip along with a copy of the EyesOn Software Player that you are currently using(single or Multi) onto a formatted CD. In the multi-channel Player all clips that are active, at that point of reference you are looking at, will be

burned to the CD. To format a CD, use Roxio™ Easy CD Creator's Drag-To-Disc format utility (included with all factory shipped systems), which will be explained later in Appendix A.

Clicking on **Help**  will bring up this manual, so that you will have easy access to it when you are working with the player.

The **About** button  will bring up the version and build number of your EyesOn Software Player so that ROSENTHAL technical support staff will know better how to support you.



Finally, the **Exit** button  closes the EyesOn Software Player.


Smart Search

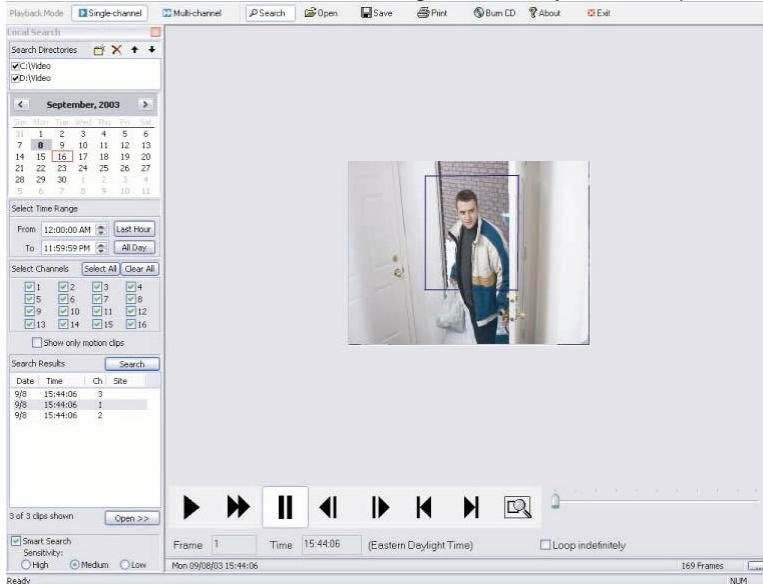
This feature allows you to select an area within a clip to look for changes. The Player will look for changes in a pre-selected area and stop when there is a change in that section.



When you check the **Smart Search** option, the cursor changes to a magnifying glass, and you can select a section of a clip, by clicking and dragging, in which Smart Search will look for changes.

You can select an area to watch by clicking and dragging the magnifying glass, and you will see a blue outline. This is the area that Smart Search will monitor for changes. When you click on the

Smart Search button  that is located to the right of all of the playing buttons, the Smart Search will look for changes in that area and then stop when the first change occurs. When you click on the Smart Search button again the Player will stop on the next change.



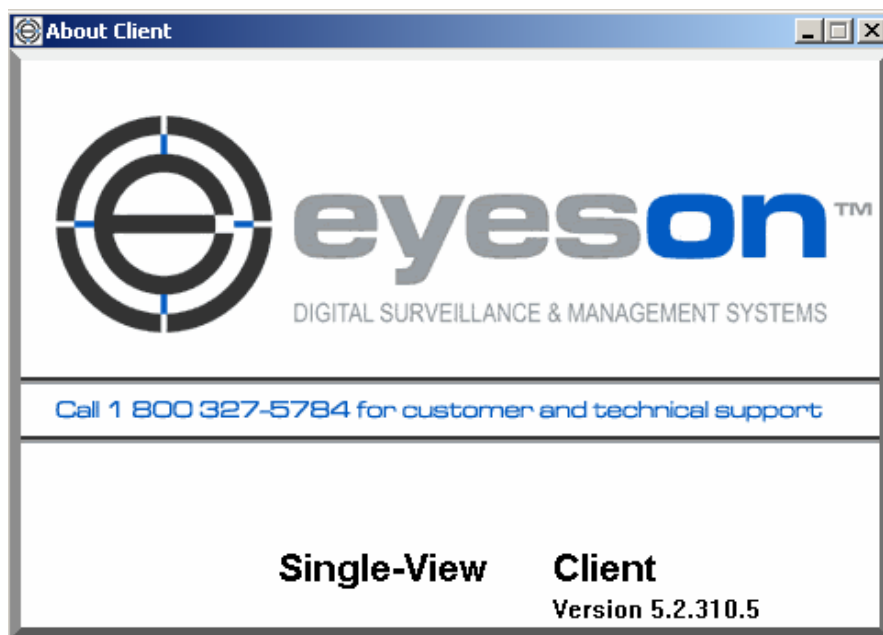
Single-View Client

The EyesOn Software® Single-View Client is used for remote viewing of the EyesOn Software Server. The Client can view live and recorded video, as well as move PTZ cameras.

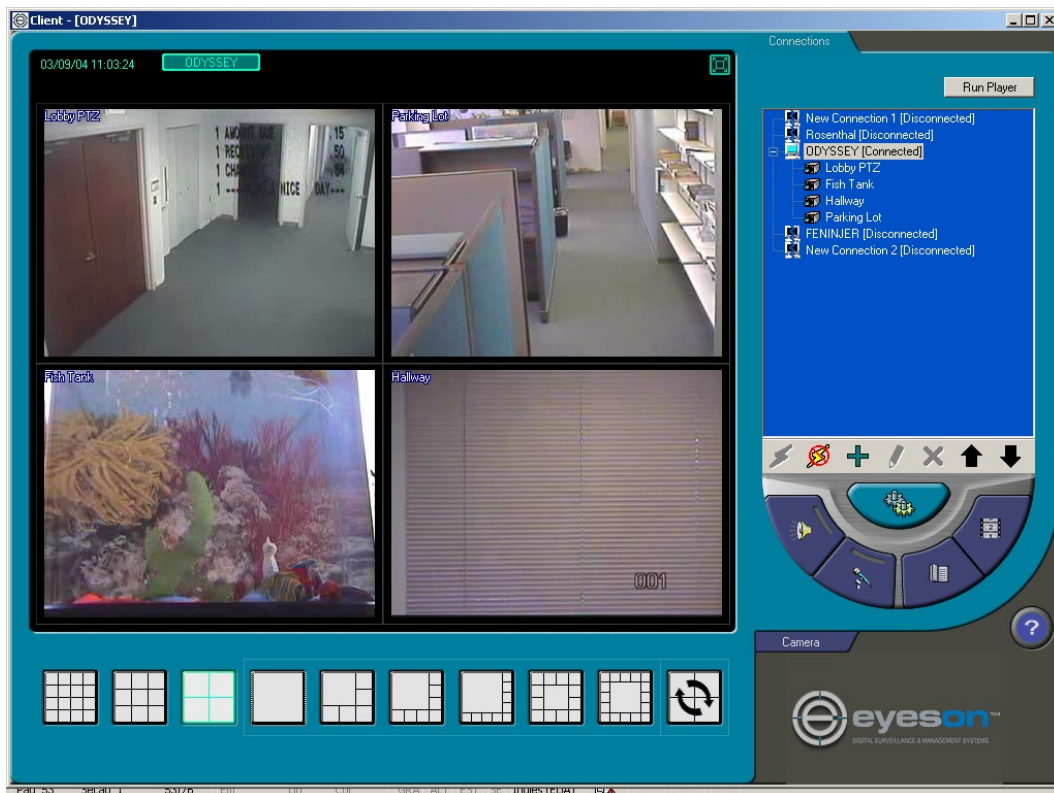
To install the Single-View Client, insert your EyesOn Software CD in your client CD drive and wait for the install screen to appear. Then click on **Install Single-View Client Software** and follow the prompts.

To Launch the Single-View Client you will need to click on the **Start** menu, and then **Programs**, then, **EyesOn Software 3.0**, followed by **Single-View Client**, and finally **Launch Single-View Client**.


The first screen you will see is the EyesOn Software Splash Screen:

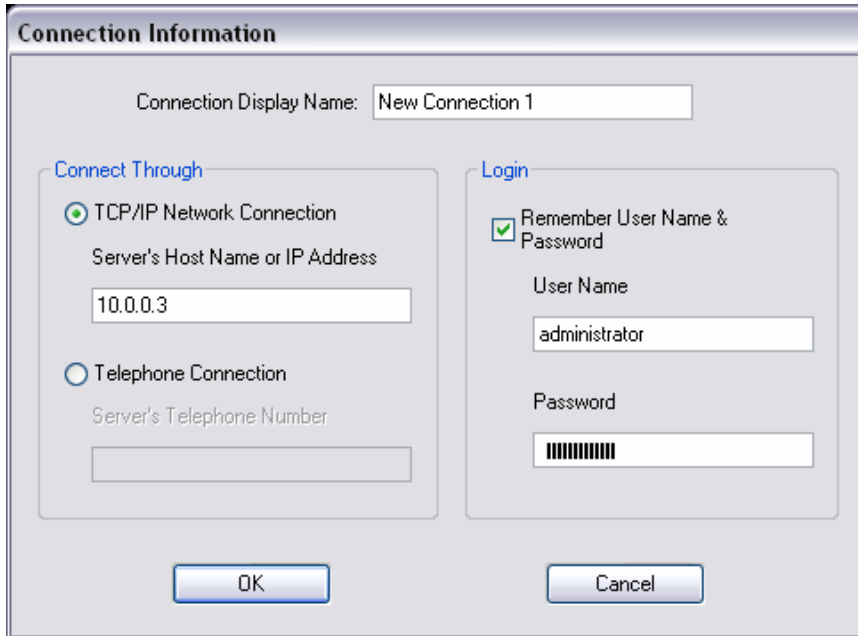


Followed by the main Single-View screen:



Making a New Connection

The first thing that you want to do is to make a new connection. By clicking on the **Add Connection** button  you will be able to add a connection to a EyesOn Software Server.



Connection Information

Connection Display Name:

Connect Through

☒ TCP/IP Network Connection

Server's Host Name or IP Address:

☐ Telephone Connection

Server's Telephone Number:

Login

☒ Remember User Name & Password

User Name:

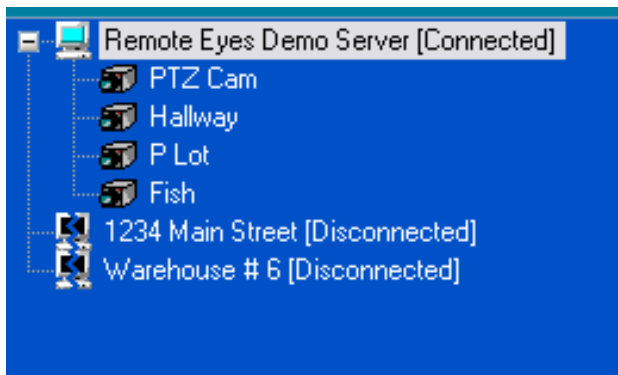
Password:

You can now enter the **Connection Information**. You can choose a display name to help you identify the connection you are making. You will also have to choose what type of connection you are using whether by **TCP/IP Network Connection** or by **Telephone Connection**. You also have the option to store or not to store your **Username** and **Password**.


****Note: The Admin Client is suggested for use with telephone connections****

Connecting and Disconnecting your Site

Once you have entered all of your information into the connection information, you can connect to your EyesOn Software Server.



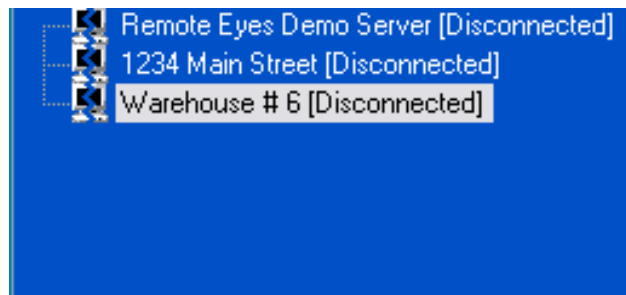
First choose the site that you wish to connect to. You can either double-click the location or just click the location and

click on **Connect** . Once you have connected, the site will have the word **Connected** beside it. The connection will also show camera names if you have named your cameras at the server.

If you wish to disconnect from the server, you can click on the name of the site and then click on the **Disconnect** button



. One you have been



disconnected, the word **Disconnected** appears next to the site name.
Remember, you can only connect to **One** server at a time with the Single-View client.

Troubleshooting Error Conditions

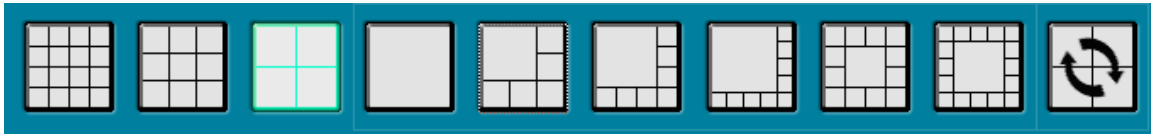
If you receive the error that you cannot connect to a server, try to ping the server to make sure that the server is available for a network connection.

If you get the message that your username or password is incorrect, check your address book to make sure that everything is spelled correctly.

If you get an error message that states that the max number of users is exceeded, then contact your administrator.

Single View Camera Layouts

As with the EyesOn Software Server, you have the option to change the layout and scan through the images on the Single View Client. Choose from one of the layout options at the bottom of the main connection screen.



Click on the **Rotate** button to scan through the images.

To help customize your screen even more, you can right click the camera that you are looking at and select **Switch With** to change to another camera. This will allow you to change camera position in the camera layout.

You can also go directly to PTZ control for a camera by right clicking and selecting **Control this Camera**.

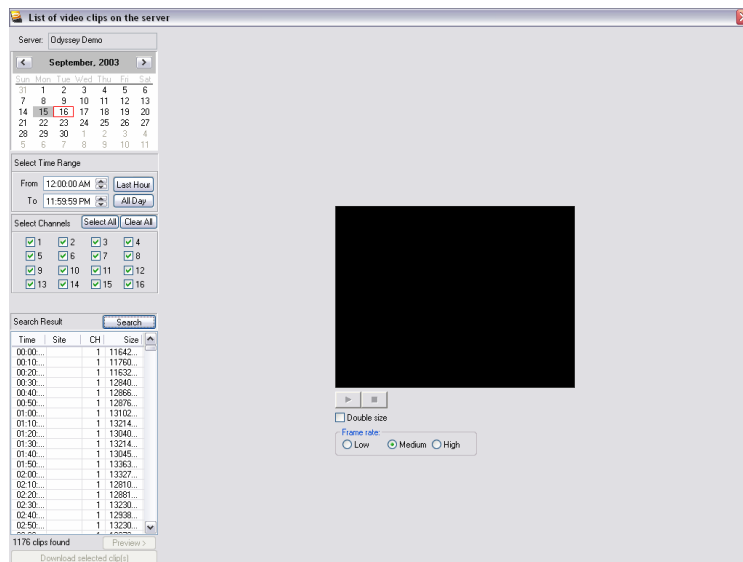
Also by Right clicking you can print the frame that you are currently viewing.

Remote Video Clips

Just like at the Server, you can review archived video from the EyesOn Software Client. To use this option click on the **View Server Clips** button.




The following screen will appear...





Just like with the EyesOn Software Player, you will need to select the **Date**, **Time**, and **Camera(s)** that you want to search. Click on the **Search for clips** button and select from the list on the right which clips you want to look at.

By clicking on the **Preview >** button the client will allow you to look at the first frame of a clip from the server before downloading it.

Once you have selected to preview the clip you can stream the video from the server to the client so that you can look at a clip to see if it is the one you want before downloading. By clicking on the

Play button  you will start streaming the clip, you can stop streaming by clicking on the **Stop**

button . You can also choose the rate at which you stream by selecting **Low**, **Medium** or **High**

You can also select the **Double Size**  option to make the

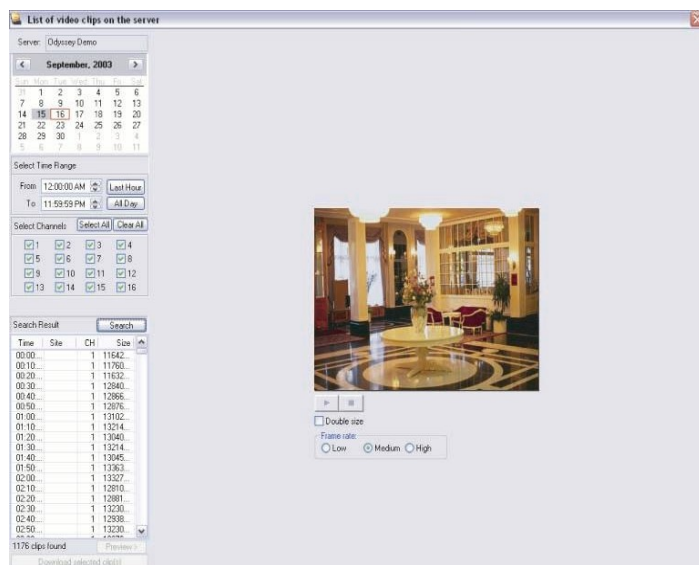


image larger.

00:00:...		4	699904
00:07:...	MDET	4	23552
00:07:...		4	16896
00:07:...	MDET	4	22528
00:08:...		4	122880
00:09:...	MDET	4	23040
00:09:...		4	86016
00:10:...	MDET	4	23040
00:10:...		4	54784
00:11:...	MDET	4	22528
00:11:...		4	473088
00:16:...	MDET	4	22528
00:16:...		4	318464
00:19:...	MDET	4	23040
00:19:...		4	364032


You can also download the clips you have previewed to the remote PC. To do this simply highlight the clip or clips that you want to download and select **Download selected clip(s)**.

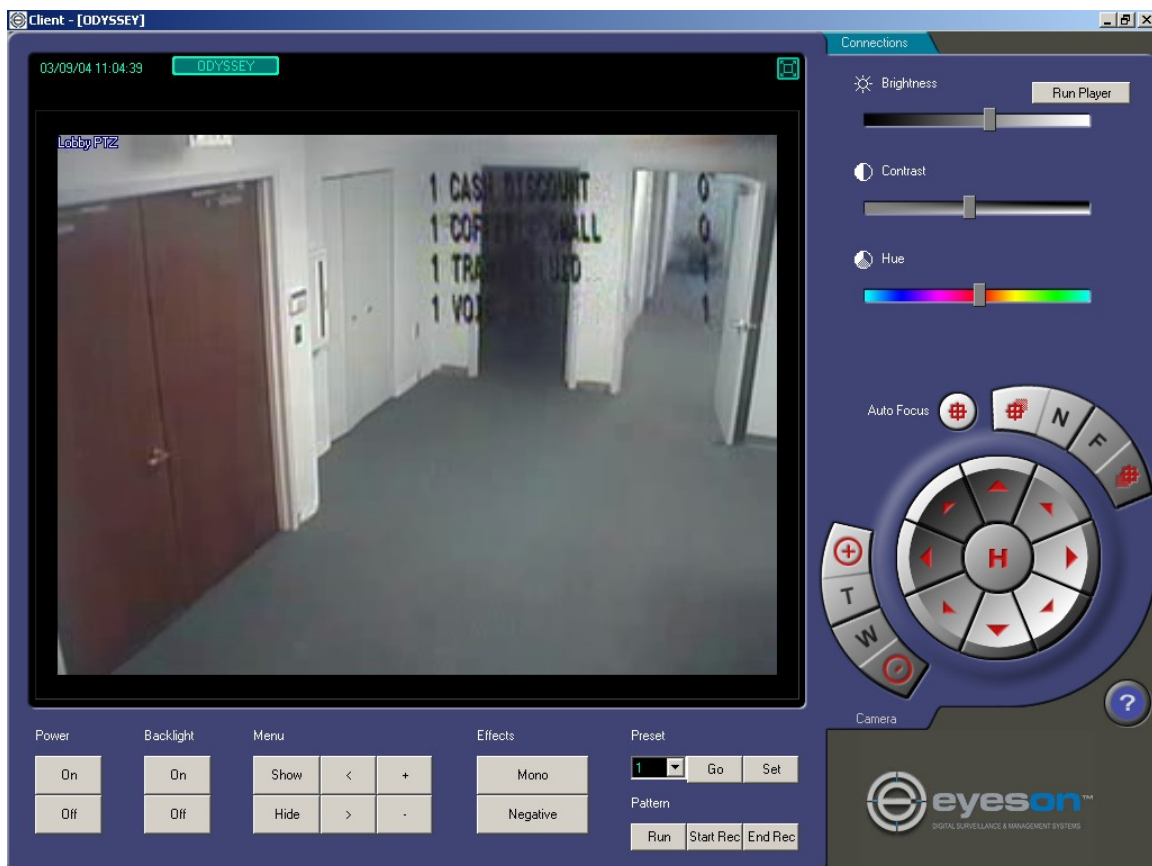
Download selected clip(s)

Once you have downloaded the clips the Player will open automatically and you will have all of the Player functions as if you were viewing clips on the server.

See the Player Section for Player instructions

PTZ Camera Control

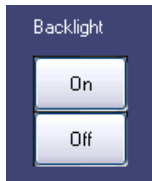
You can also control PTZ cameras from the Single-View Client. By clicking on the **Camera Tab**  you will change to the PTZ control screen.



The following PTZ control may not be available depending on what type of PTZ camera you have.



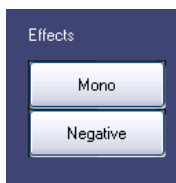
The power button will turn the camera on and off.



The backlight button will allow you to turn the backlight on or off if your camera supports this option.

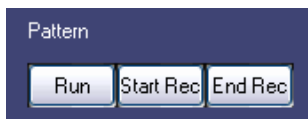
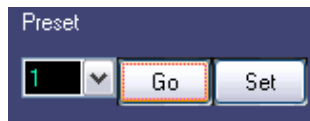


The menu buttons will allow you to access the on-screen camera menu and navigate through that menu.



The effects buttons will allow you to choose if you would like a mono (black and white) image or a negative image. These will only work if your camera supports these options.



You also have the option to set up to 16 different preset positions for the camera to go to.



The pattern button will allow you to set a pattern that the camera will follow.

You can zoom in with the **Tight** button . And you can zoom out with the **Wide** button .

You can also focus near with the **Near** button . And you can focus far with the **Far**

button . You can also use **Auto Focus**  if your camera supports this option.



You can use these buttons to move your cameras.

Note that servers a multi-user, so PTZ control is shared. Inability to control a camera may be due to another user having control

If you receive errors while trying to control cameras, please contact your system administrator

Other Options within Single-View

Another option through the Single-View Client is to use **Bi-Directional Audio**. This is used for communication between the remote site and the Server site. This is turned on by clicking on



Listen to Server and by clicking on **Talk to Server**.



****Caution: Reduce speaker volume to avoid feedback loops****

You can also look at the Access and Event Logs of the server from the remote site by clicking on



the **View Server Logs** button

Version and build number information for contacting ROSENTHAL Technical Support contact information is found by clicking on the EyesOn Software symbol on the bottom right corner of the screen.

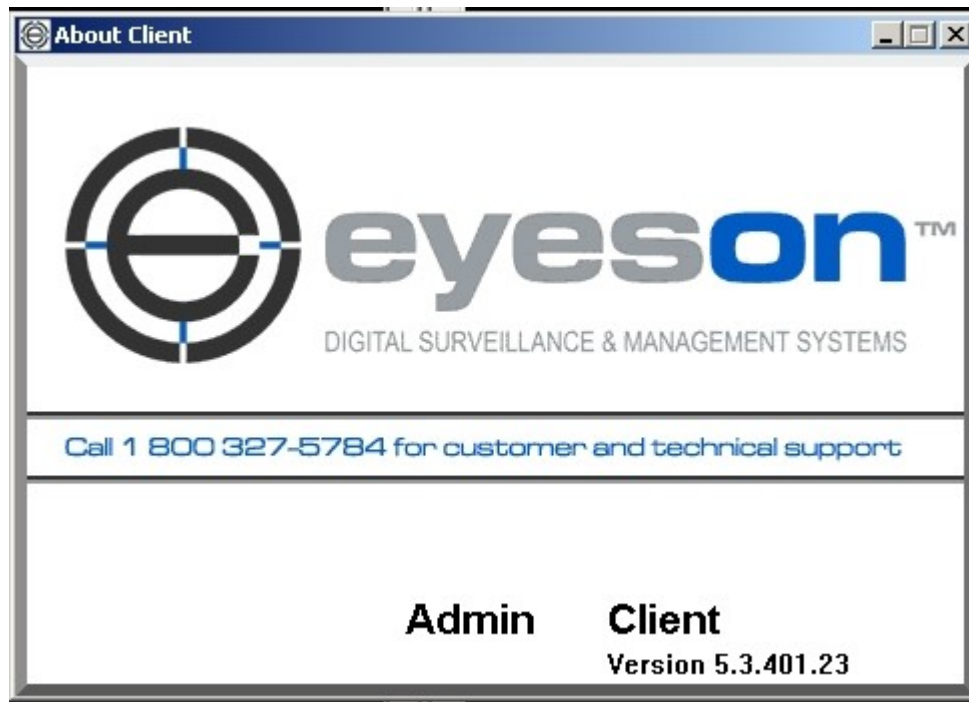
EyesOn Software Admin Client

The EyesOn Software Admin Client is designed to be able to change all of the settings on a EyesOn Software Server from a remote location.

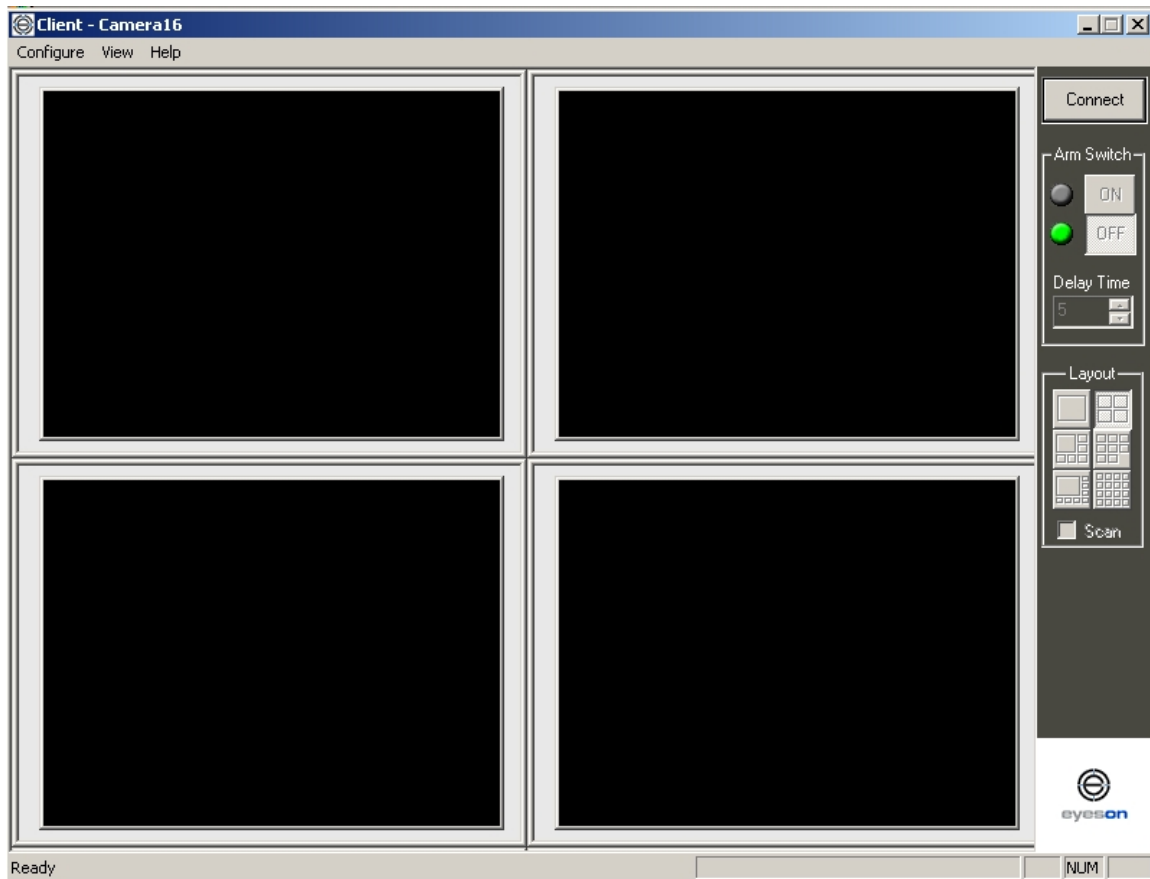
To install the Admin Client, insert your EyesOn Software CD into the CD drive of your client workstation and wait for the install screen to appear. Then click on **Install Admin Client Software** and follow the prompts.

To Launch the Admin Client, you will need to click on the **Start** menu, and then **Programs**, then, **EyesOn Software**, followed by **Admin Client**, and finally **Launch Admin Client**.

The first screen you will see is the EyesOn Software Splash Screen:



Followed by the Admin Client screen.



To connect to a EyesOn Software Server you will need to click on the **Connect**

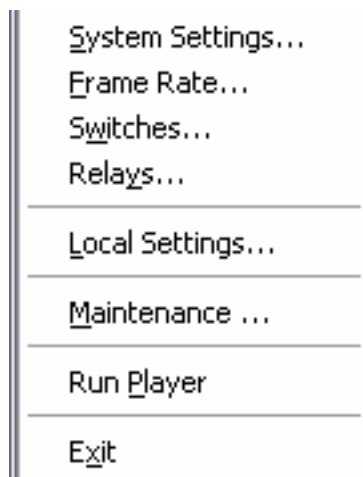
button.



After clicking on the connect button you will see a box that will allow you to enter your **Username** and **Password** along with the Phone Number or IP address of the system that you are trying to connect to.

You can also add different servers into the **Phone Book** so that you can easily connect to all of your locations.

Once you have connected to your Server, you will be able to change almost every system setting on the EyesOn Software Server. The only exception to this is that you will not be able to set the motion detection grid for the Server.

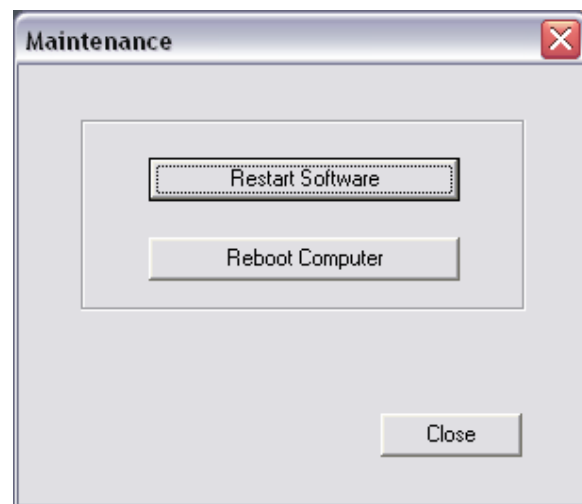


The **Configure** button will allow you to change the **System Settings**, adjust the **Frame Rate**, and configure your **Switches** and **Relays**.

From this menu you can also **Run the Player**.

Your **Local Settings** can also be changed, such as where you want to store downloaded clips, if you want the siren to sound when there is motion, and also to configure your modem.

Another button on the configure menu is the **Maintenance** button. This button will allow you to **Restart** the Server **Software** or to **Reboot** the Server **Computer**.



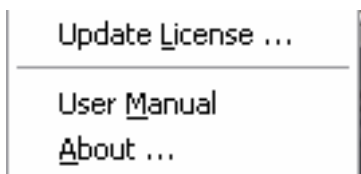
The **View** menu will allow you to view your **Server Access Log** and **Server Event Log**. This is the same, as you would see if you were sitting at the Server.

You also have to option to view clips from the server you are connected to by clicking on **Server Video Clip**.

You can also access the **Switch Status** and **Relay Panel** to check on Switches and Relays at the Server.

You can also View the **Control Bars** for the server site and adjust settings for that.

****PLEASE NOTE: The motion detection grid cannot be changed from the Admin Client****



The last menu is the **Help** menu. You can **Update** the Server **License** from here. Or you can access this **User Manual** from this menu. You can also click on **About** to find out what version of the software you are using.

Getting Technical Support

Have a question about Using EyesOn Software ? ROSENTHAL is committed to providing superior Technical Support. If you need help setting up or using EyesOn Software , don't hesitate to give us a call or email us.

So that we can better assist you, please have the following information available.

- A complete description of the problem, including any error message you've received and instruction for how to duplicate the problem
- The version of EyesOn Software you are using (found under the About button)
- The serial number of the server.

Here is how to reach us:

By US Mail

ROSENTHAL
42 NE 25th Street, Miami, FL 33137
Attn: Technical Support

By Telephone

800-327-5784

By Fax

305-572-9782

By Email

info@rjsintl.com

Web Page

www.rjsintl.com

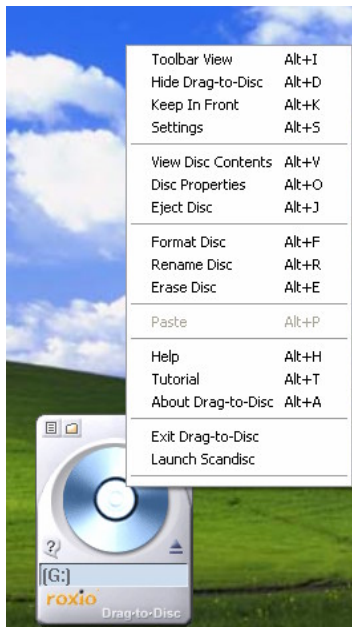
NOTE: Technical Support Hours are 9:00A.M. – 5:00P.M. EST Monday-Friday

Appendix A

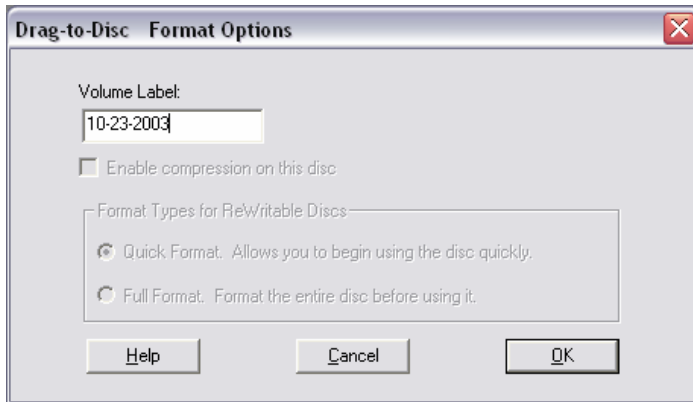
Using Drag-to-Disc to Format a CD

The EyesOn Software Player uses a CD formatted with Roxio® Easy CD Creator. The **Burn CD** feature of the Player allows clips and a copy of the Player to be sent to the CD-R/RW drive for backup of important clips such as break-ins and robberies.

After inserting a blank CD into your CD-RW drive the Drag-to-Disc software will automatically launch and you will see the program in the lower right hand corner of your screen.



By Right-Clicking on the program you will see a menu that will give you the option to **Format Disc**. You will need to click on this option to format a disc so that clips can be burned from the player.



You will then be given the option to create a **Volume Label** for your CD. This should be the date of the Clips that you are burning.



When you have finished burning your clips to the CD you will need to click on the **Eject** button on the Drag-to-Disc application.

When you press the eject button on the application you will then receive the dialog that will give you the option to make the CD readable on any computer. If you do not check this box then the CD will only be able to be read on a computer that had Drag-to-Disc running. You also have the option to **Protect** the disc so that it cannot be written to again. To finish all you need to do is press the **Eject** button and your CD will be ejected.



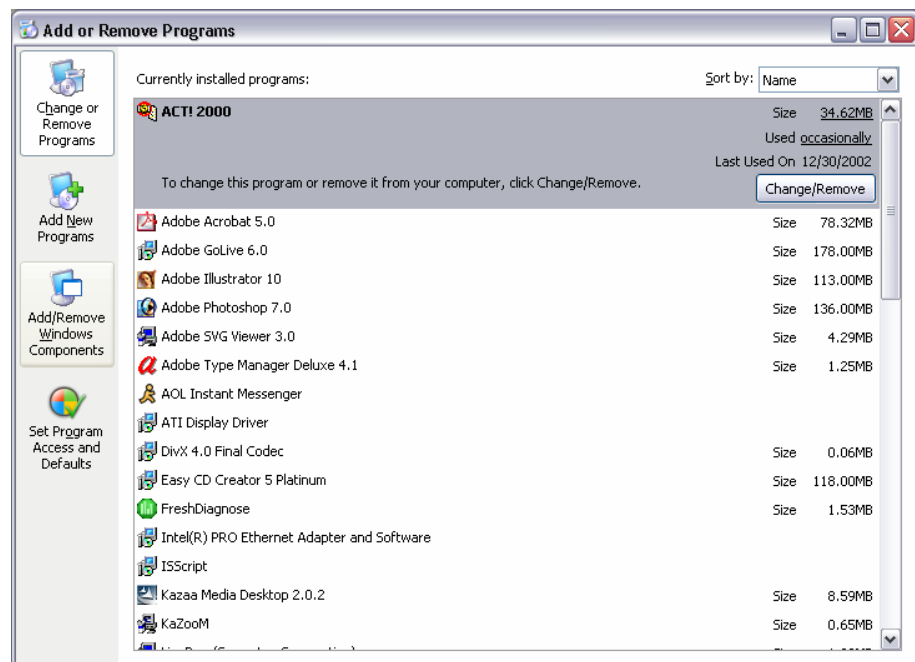
Appendix B

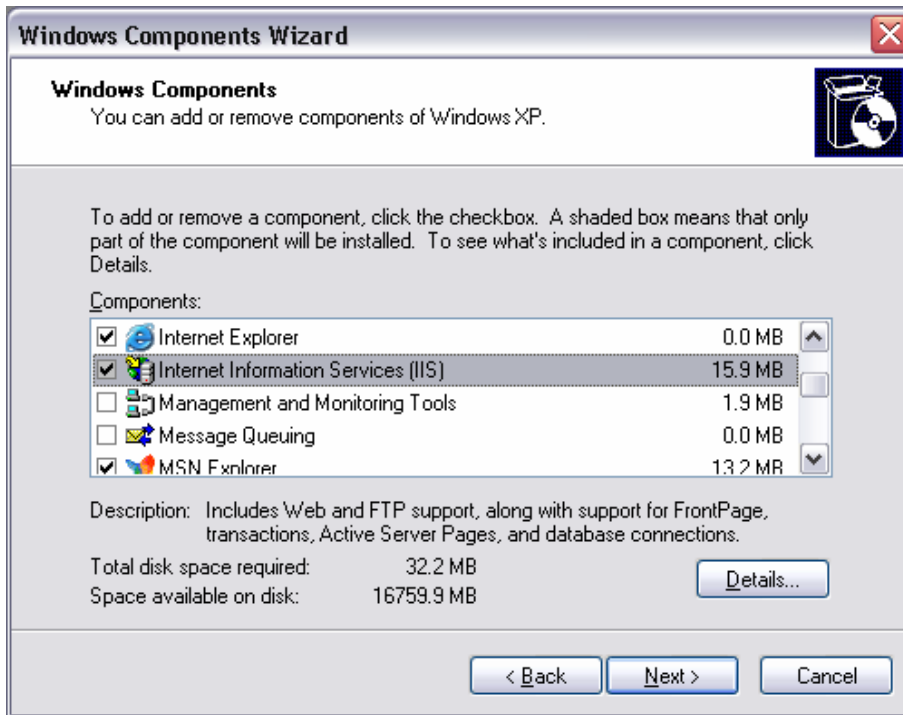
Installing Internet Information Services for Web Broadcasting

EyesOn Software has the ability to post the images from the server to a designated Web page. This section will help you install Internet Information Services (IIS) on your computer. IIS is an add-on for Windows 2000 so that you can use this system to host a Web site. To start set up of IIS, click on the **Start** menu, then **Settings**, followed by **Control Panel**. After you are in the control panel, you want to click the **Add or Remove Programs Button**



Once you have the **Add or Remove Programs** dialog box up, you want to click on **Add/Remove Windows Components**.





Next, you will see the **Windows Components Wizard**. You should place a check mark beside **Internet Information Services(IIS)**. After placing a check mark in the box, click on next. You will now see the files for IIS being installed.

When the files have been completely installed you will see the box to the right that lets you know that the installation has completed. Just click finish and you are ready to start using IIS.



For more detailed information on IIS please check Microsoft®'s Web site at :
<http://www.microsoft.com/windows2000/en/server/iis/>

Appendix C

AUTOMATED SALES REPORT SYSTEM

The Automated Sales Report System allows users to generate sales reports from a EyesOn Software Server. Based on the sales data collected by TVS's CYA software, the Sales Report tool provides statistical data that is crucial to retail management, including quantities, total sales, costs and profits of all items sold during a user-specified period of time. The reports can also be autonomously generated and emailed to one or more recipients periodically, based on a user-specified schedule.

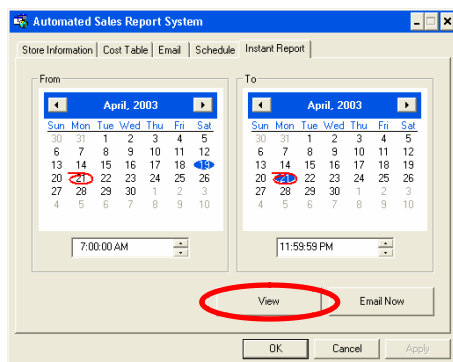
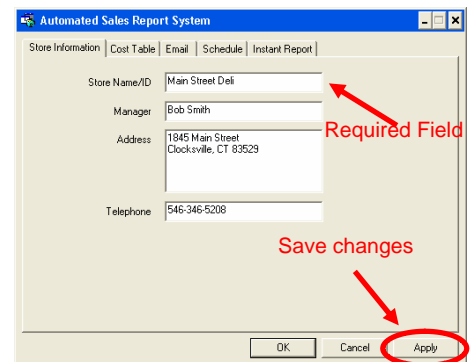


Launching the Automated Sales Report System

Since the sales report is based primarily on data collected by CYA, CYA must be first installed, activated, and data from cash registers collected on the system before any sales report can be generated properly. Once CYA is installed on the system, the Automated Sales Report System can be launched by clicking on the "Sales Report" button on the right panel of the EyesOn Software Server software. Please note that you do need to log into the EyesOn Software Server before the button is enabled.

Basic Configuration

When you click on the "Sales Report" button, the Automated Sales Report System window will appear on the screen. The first tab, "Store Information", allows you to specify some basic information about the store at which the system is installed. The "Store Name/ID" field is mandatory because this will be the file name of the sales reports generated from this system. The manager, address and phone number fields are optional. They will be used when a sales report is emailed out, which will be explained later. To save the change, click on the "Apply" button and click on "Yes" when prompted with "Save modified settings?"



Generating a Sales Report

Once you have a valid store name and some transaction data captured by CYA, you may start generating a sales report. Please note that in order for you to view the report on this system, you must first install Microsoft Excel on this system. When you are ready to generate a sales report, go to the "Instant Report" tab. Select a range of date and time by using the 2 calendars and time selectors. When you click "View," Microsoft Excel will bring up the generated report, showing all items sold between the 2 dates and time range you've selected.

HOURLY ANALYSIS							
Date	Hour	Total Sold	# Cust	Avg Cust	Tot Items	Avg Item	Avg Item/Day
1/8/2003	8:00 AM	\$0.00	0	\$0.00	0	\$0.00	\$3.15
	9:00 AM	\$0.00	0	\$0.00	0	\$0.00	
	10:00 AM	\$0.00	0	\$0.00	0	\$0.00	
	11:00 AM	\$0.00	0	\$0.00	0	\$0.00	
	12:00 PM	\$0.00	0	\$0.00	0	\$0.00	
	1:00 PM	\$0.00	0	\$0.00	0	\$0.00	
	2:00 PM	\$0.00	0	\$0.00	0	\$0.00	
	3:00 PM	\$3,856.64	204	\$18.91	1305	\$2.96	
	4:00 PM	\$22,449.49	970	\$23.14	6823	\$3.29	
	5:00 PM	\$20,109.54	954	\$21.08	6692	\$3.01	
	6:00 PM	\$20,690.58	989	\$20.82	6691	\$3.08	
	7:00 PM	\$21,749.78	996	\$21.84	6728	\$3.23	
	8:00 PM	\$22,550.98	994	\$22.69	6712	\$3.36	
	9:00 PM	\$19,637.52	992	\$19.80	6645	\$2.96	
	10:00 PM	\$22,170.26	973	\$22.79	6998	\$3.17	

PRODUCT MIX REPORT									
Item Name	Qty	Sales	Item Cost	COG Sold	Item Retail	Minus	Profit	COG %	Sales %
12 PIECE CHICKEN	54	\$496.26	\$5.63	\$304.02	\$9.19	\$0.00	\$192.24	61.26%	0.32%
3# BAG SALAD	61	\$182.39	\$0.55	\$33.55	\$2.99	\$0.00	\$148.84	18.39%	0.12%
6 MUM	45	\$584.55	\$10.77	\$484.65	\$12.99	\$0.00	\$99.90	82.91%	0.38%
8 PC CHIX DINNER	68	\$475.32	\$1.31	\$89.08	\$6.99	\$0.00	\$386.24	18.74%	0.31%
8-PIECE CHICKEN	72	\$395.28	\$2.14	\$154.08	\$5.49	\$0.00	\$241.20	38.98%	0.26%
A H BAKING SODA	57	\$37.05	\$0.60	\$34.20	\$0.65	\$0.00	\$2.85	92.31%	0.02%
AB ELBOW RONI	64	\$81.92	\$1.01	\$64.64	\$1.28	\$0.00	\$17.28	78.91%	0.05%
AB LASAGNA	78	\$69.42	\$0.72	\$56.16	\$0.89	\$0.00	\$13.26	80.90%	0.05%
AB RONI MAC	64	\$131.20	\$0.15	\$9.60	\$2.05	\$0.00	\$121.60	7.32%	0.09%
AB SPAGHETTI LNG	63	\$122.22	\$0.32	\$20.16	\$1.94	\$0.00	\$102.06	16.49%	0.08%
ACETAMINOPHN	72	\$127.44	\$0.10	\$7.20	\$1.77	\$0.00	\$120.24	5.65%	0.08%
ACINI DE PEPE	65	\$96.85	\$1.13	\$73.45	\$1.49	\$0.00	\$23.40	75.84%	0.06%
ACORN SQUASH	47	\$46.53	\$0.37	\$17.39	\$0.99	\$0.00	\$29.14	37.37%	0.03%
ACT II POPCORN	52	\$98.28	\$0.98	\$50.96	\$1.89	\$0.00	\$47.32	51.85%	0.06%
ADVANCE FAJITA	68	\$203.32	\$2.35	\$159.80	\$2.99	\$0.00	\$43.52	78.60%	0.13%

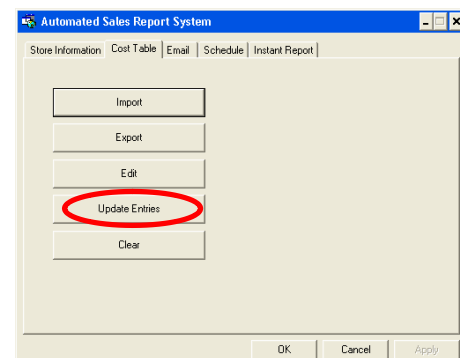
How to Read the Sales Report

The report shows all items sold within the specified period of time. In the Hourly Analysis the first column is the date that you have requested. The second column is the hour of the day. The third column is the total number of sales for that hour. The fourth column is the number of customers that were checked out during that hour. The fifth column is the average amount spent by each customer that was checked out during that time. The sixth column is the total number of items sold during that hour. The last column is the average cost of an item for that day. In the product mix report the first column shows the name of each sales item, exactly as generated by the cash registers, sorted in alphabetical order. The second column, titled "Qty," shows the total number of units sold of each item. The third column, titled "Sales," indicates the total dollars sold for each item while "Minus" indicates the total negative dollar amount if the item is a coupon, discount or refund. "Item Cost" is the "per-unit" cost to you of that item while "Item Retail" is the item's retail price per unit. "COG Sold" (cost of good sold) shows the total cost to you in dollars and the "Profit" column shows the total profit of each item (Sales subtracted by COG) during this time period. The last column shows the cost to you in percentage (COG divided by Sales) of each item. You may notice that the "Item Cost" column is filled with \$0.00 and thus the "Profit" and "Food Cost" columns are incorrect. This can be corrected by creating a cost table, which is explained in the following sections.

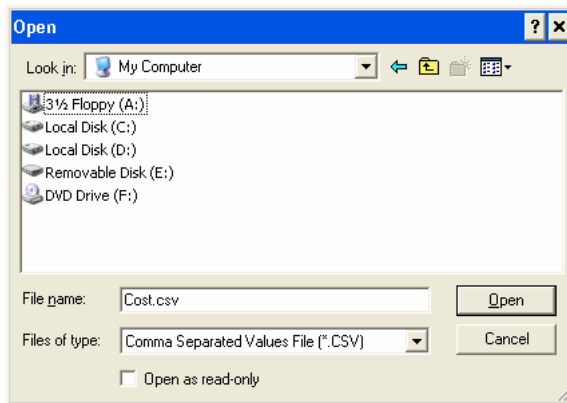
Including Cost and Profit in Your Sales Reports

A cost table is used to calculate profit. It is stored in the EyesOn Software server directory as a CSV (comma separated value) file called "cost.csv". If the table is empty or contains invalid data, the sales report will provide only total sales but not profit. Therefore if you do need valid profit information included in the sales reports, you must have valid cost table entries.

Creating a Cost Table from Scratch



If you do not have yet a cost table and would like to create one from scratch, the best way is to use CYA to capture the cash register's activities for a few days, and go to Automated Sales Report System's "Cost Table" tab and click "Update Entries". This will create and populate the cost table with sales items found in the transactions captured by CYA Data Capture Manager. Please note that on the system you do need to install Microsoft Excel in order for you to edit the cost table. When you click "Edit," Microsoft Excel will bring up the cost table "Cost.csv" on the screen. The first column is the item name, sorted in alphabetical order. Feel free to adjust the width of the first column if it is too narrow. You will then be able to enter the cost for each item (default is \$0.00) into the second column by hand. Please avoid entering any data into the third column, which is reserved, and feel free to enter item's identification number, such as SKU, into the fourth column, which is optional and currently not used in the sales report. Once the costs are entered, save the file, replacing the original file and keep the file in CSV format if prompted. You will lose the change if you rename this file or save this file elsewhere or save it in another format.



Using a Pre-Generated Cost Table

If you or someone else already has a valid cost table that can be used on this system,

you may use it on this system by importing it. Please note that importing a cost table will overwrite the cost table on this system, if any. You may want to export the original cost table to another

Item Name	Item Cost	Reserved	Item No.
1 CINN BU	\$1.00		
3 DONUT	\$0.25		
4 BAGELS	\$0.00		
5 25 MUNCH	\$0.00		
6 20Z PLAIN	\$0.00		
7 3 MUFFIN	\$0.00		
8 4 MUFFIN	\$0.00		
9 5 MUNCH	\$0.00		
10 6 DONUTS	\$0.00		
11 BAGEL W	\$0.00		
12 BLUEBER	\$0.00		
13 BOX OF JK	\$0.00		
14 COMBO 1	\$0.00		
15 COMBO 3	\$0.00		
16 COMBO 5	\$0.00		
17 EGG-BAC	\$0.00		
18 EGG-HAM	\$0.00		
19 LG FR VA	\$0.00		

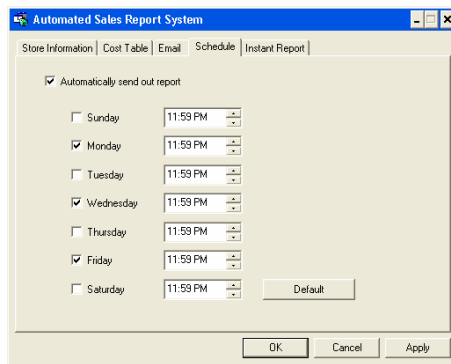
location before you perform this operation. Insert the CD or floppy disk on which the pre-generated cost table is stored into the system. From the Automated Sales Report System's "Cost Table" tab, click on the "Import" button. This will bring an open dialog window that prompts you for the location of the file. From this window, navigate to the CD or floppy where the cost table is stored, select the file and click "Open". Follow the instructions that appear on the screen to complete this operation.

Email the Report to Someone

Please note that you must have a valid Internet connect from this system in order to email sales reports to anyone. You must also first fill in some information about your and your recipients' email accounts. Go to the "Email" tab. Enter your email address or that of the person who is responsible for maintaining this system. This email address will show up as the sender in each email sent out and will receive email notification if email delivery failed. This field is required if you want to send out sales reports via email. You may enter up to 10 email addresses in the "Email Recipients" field, with each additional email address in a new line. This field is also required. Consult your ISP (Internet Service Provider) and fill in their SMTP Server (outgoing email server) in the next field, which is

required to send out emails properly. Also consult your ISP and see whether their SMTP server requires user authentication from the location of this system. If so, check "This server requires authentication" and enter user name and password provided by your ISP. Some ISPs may impose restrictions on the email address of the sender and thus may require that you change the "Administrator Email" to conform to their restrictions. Please consult your ISP for more information. When you are done, click "Apply" and click on "Yes" when

prompted to confirm saving modified settings. Go back to the "Instant Report" tab. Now you may select date/time range and click "Email Now" to email the sales report to your recipients. The sales report will be included in the email as an attachment, with the name of the store as its file name, and the time range and the store information will also be included in the email message body for reference. Your recipient needs to have Microsoft Excel installed on his/her system in order to view the sales report.



Receive Automatic Sales Reports via Email

Once you have email configured and tested, you can schedule the system to send out periodic sales reports automatically. Please note that the EyesOn Software Server must be running constantly on this system in order for this feature to work. To schedule automatic sales reports via email, go to the "Schedule" tab. Check "Automatically send out report" and check the days of the week and the time when the sales report should be generated. You may skip days. The time range of each sales report will be starting from the time after the last sales report was sent out and until the time when this

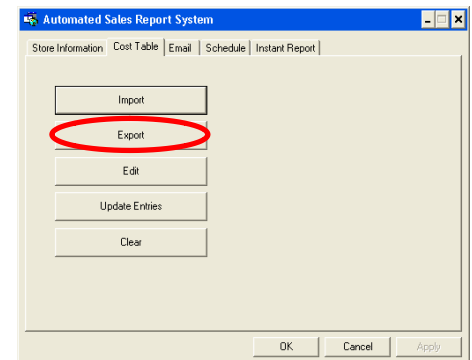
sales report is being generated. For instance, if you take the default, sending out one sales report daily at 11:59 PM, your recipients will receive one sales report at 11:59 PM everyday and each report will have time range from 12:00 AM to 11:59 PM of that day. Once the schedule is configured properly, click on "Apply" and click "Yes" when prompted to save modified settings.

Maintaining the Cost Table

If at times new merchandise items have been introduced to your store, you may want to update your cost table to include these items. This can be done without manually inserting each one by hand. Go to the "Cost Table" and click "Update Entries". This will update the original cost table with the new items inserted. Since the cost table is sorted alphabetically according to each item's name, you may need to search for these new entries. The default cost value of each new item will be \$0.00 until you update it.

If you have several stores that sell the same merchandise, you may create one cost table at one store and export it for use at other stores. After a comprehensive cost table is created at one store, you can go to the "Cost Table" tab and click "Export". A "Save As" dialog window will appear. Use this window to navigate to the location where you want to save the cost table (most likely on a floppy disk or on other removable storage devices). When you take the file to the other store, you may "Import" this cost table as described in the section "Using a Pre-Generated Cost Table".

If for any reason you might want to clear the cost table, click on the "Clear" button at the "Cost Table" tab. This will basically delete the cost table from the system, losing every entry. Usually you want to click "Update Entries" to create and initialize a new cost table and modify it. This will flush all old cost table entries and allows you to restart a new one. However, please do use this feature with extreme caution for the lost data will not be recoverable.

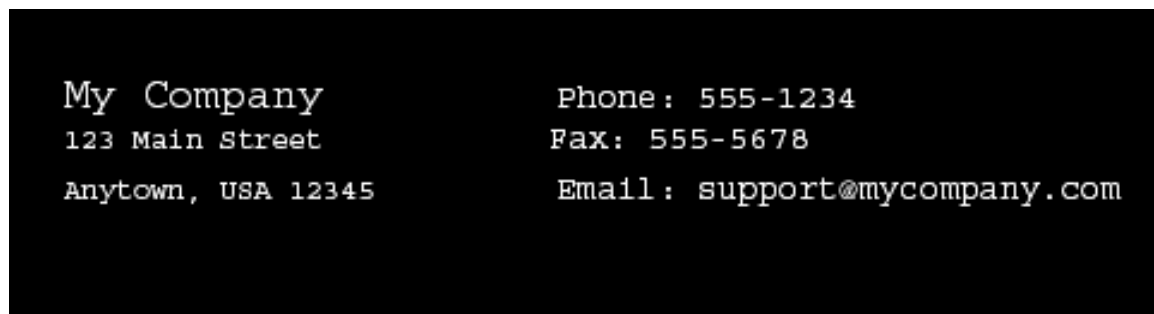


Appendix D

Dealer Splash Page

Dealers can add a customizable splash screen to any EyesOn Software software to display contact information from them. This allows you to put your contact information into the **About** screen so that your customers can contact you.

To do this, create a 16-bit color bitmap image that is 480x128 and name it "dealer.bmp". Place this file in the EyesOn Software software directory that you want it to appear in, and your information will appear in the top portion of the **About** screen.



**** This will work with EyesOn Software Server, Single View Client, MultiView Client, and Admin Client****

EXAMPLES:

EyesOn Software Server: C:\Program Files\EyesOn Software \Server

Single-View Client: C:\Program Files\EyesOn Software \Single-View Client

Multi-View Client: C:\Program Files\EyesOn Software \Multi-View Client

Admin Client: C:\Program Files\EyesOn Software \Admin Client