

NCH Software

Eyeline Video Surveillance System

This user guide has been created for use with
Eyeline Video Surveillance System Version 2.xx

Technical Support

If you have difficulties using Eyeline Video Surveillance System please read the applicable topic before requesting support. If your problem is not covered in this user guide please view the up-to-date Eyeline Video Surveillance System Online Technical Support at www.nchsoftware.com/surveillance/support.html

If that does not solve your problem, you can contact us using the technical support contacts listed on that page.

Software Suggestions

If you have any suggestions for improvements to Eyeline Video Surveillance System, or suggestions for other related software that you might need, please post it on our Suggestions page at www.nch.com.au/suggestions/index.html.

Many of our software projects have been undertaken after suggestions from users like you. You get a free upgrade if we follow your suggestion.

Eyeline Video Surveillance System

Contents

Introduction.....	2
Using Eyeline.....	3
Motion Detection.....	5
Find and Play.....	6
Troubleshooting.....	7
Support.....	8
Login Page.....	9
Reset Password Page.....	10
Keyboard Shortcuts.....	11
Software License Terms.....	12

Screen References

Preview Video.....	13
YouTube Live Event Settings.....	14
YouTube Broadcast List.....	15
Scheduler.....	16
Scheduler Task Panel.....	17
Motion Settings.....	18
Caption Settings.....	19
Scheduled Recording.....	20
Email Template.....	21
Enter Camera Name.....	22
Options ~ Web Access.....	23
Options ~ General.....	24
Options ~ Recording.....	26
Options ~ Cameras.....	27
Options ~ Displays.....	28
Options ~ Main Display.....	29
Options ~ Transmit.....	30
Options ~ Motion.....	31
Camera Properties ~ Properties.....	32
Network Camera Properties ~ Properties.....	33
~ Select a capture device.....	34
~ Video Streaming Methods.....	35

Other Links

Options ~ Web Routing - URL <http://www.nch.com.au/kb/10233.html>

Introduction

Thank you for using Eyeline. Eyeline is a video security program that will monitor and record from cameras installed on your Windows PC. Eyeline can have an unlimited number of cameras. Video recording is very demanding on your computer, so the number of cameras is limited by your computer's performance. Most computers should be able to handle 2 or 3 cameras.

Some of the main features of Eyeline are:

- Cameras can display and record based on detected motion
- The main window cycle based on recording or on detected motion
- Compression codecs can be used with saving recorded videos to lessen hard disk usage
- Recording can be started on a single camera or on all
- Cameras will be automatically installed on first running Eyeline

Installation

To install Eyeline simply run the downloaded application. This will install the application to your hard drive.

System Requirements

- Windows XP / Vista / 7 / 8 / 10
- Windows Media Player 9 (or higher) for recordings using WMV or ASF format.

Supported Clients

You can connect to Eyeline through your web browser from your desktop, Android, or iOS device.

Using Eyeline

If you have successfully followed all the steps of the installation process, you are ready to start using Eyeline.

Setup

Follow these steps to set up and start monitoring:

- Eyeline will automatically add all installed cameras when it is first run. Please review the installed cameras by clicking the Options (Ctrl + O) button on the toolbar, and then the Cameras tab. If you do not wish to use a particular camera you can remove it from the list. Similarly you can add (Ctrl + A) additional cameras at a later time.
- For any camera you wish to record video from, you must set a compression codec. A default codec will be automatically selected (normally DV Codec). Open Options and select the Cameras tab. You may change the codec here if desired.
- All cameras that you have selected a codec for will now be recording. You may start/stop cameras individually using the Record button or by right clicking on the camera window and selecting Start Recording or Stop Recording.

Starting or Stopping Recordings (Ctrl + R)

You can start recording on an individual camera by clicking on it and using the Record button (lower right part of the window). You can also right-click on any of the preview windows and select the Start or Stop option from the popup menu. Lastly, you can select the Start All Cameras (Ctrl + S) or Stop All Cameras (Ctrl + P) options from the Cameras menu or by right-clicking on the system tray icon for Eyeline.

When a camera is recording, its preview window will be outlined in red. Similarly the main window will also be outlined in red if its associated camera is recording.

Motion Detection (Ctrl + M)

Eyeline can respond to people moving or other motion in several ways. It can highlight the camera, email a person to respond and it can be made so it only records video when it sees motion. For more details see the [Motion Detection](#) section of this manual.

If you select Use Motion Detection in [Options ~ Cameras ~ Properties](#) the camera will only record when it detects motion.

Changing Cameras

If you move a camera (say from one USB port to another) you must delete the camera from Eyeline and add it again.

If you delete all cameras, Eyeline will automatically add any installed cameras. Otherwise Eyeline will never add new cameras. You must choose to add cameras using [Options ~ Cameras](#)

Backup Recordings

When a recording is complete (you stop recording on a camera, or a set file size is reached) Eyeline can take a number of actions.

- Copy the file to a network folder
- Upload to an FTP Server
- Log an MD5 checksum to a special log file
- Run a custom program against the file

Please note running a custom program while running as a service may require you to log on to a specific account. For more details, please see [Options ~ General](#).

For details on these please see [Options ~ Transmit](#).

Viewing your recordings (Ctrl + F)

To view recordings click on the button labeled Find and Play. Eyeline will display a window which you can use to browse your file system for recorded files. It will also allow you to play, rename and burn your recordings. For more information please see the help section on Find and Play.

Running Eyeline from the system tray

By selecting Eyeline-->Close to tray from the Eyeline menu or using the keyboard shortcut Alt + F4 you are able to leave Eyeline open and recording in the background.

The Eyeline icon will appear in the system tray while Eyeline is running in the background without cluttering up your taskbar. You can right-click Eyeline's icon in the system tray to reopen Eyeline.

Motion Detection

When a camera detects motion (for instance, someone moving) it can respond in several ways. The parameters in the Extra Motion Time section of Options ~ Motion defines how many seconds will be recorded before and after the motion is detected. If motion is detected after another motion is recorded within this period of time, the new motion will be saved in the same file. In this way, the number of motions is not always equal to the number of recorded files.

Change Camera In Options ~ Main Display, you can specify Alert and display on motion so that the main display window (large window in upper right) will change to display the image from a camera showing motion.

You can also specify that the main display will cycle through any cameras that detect motion with Automatically loop through cameras and the option Show cameras detecting motion.

Record from cameras that detect motion In Options ~ Cameras ~ Properties, you can select if a camera will use motion detection and the sensitivity of this detection. When this option is selected, video will only be recorded when motion is detected.

Find and Play

Open Find and Play by clicking the Find and Play (Ctrl + F) button in the toolbar. The Find and Play screen has a file list of all available recordings in the current directory. You can change directories by selecting Use alternative recordings folder at the bottom of the screen and then browsing to the desired location.

You can select multiple recordings by holding down the Shift or Ctrl key while you select the list items.

Click on the Play (F9) button to play the selected recording. The file will be played using your default player, normally Windows Media Player.

Select one or more files from the Find and Play list and click on the Burn button to open up Express Burn and create a CD of the selected audio files. If you do not have Express Burn you can learn more and download it from <http://www.nch.com.au/burn/>.

Click the Delete (Delete) button to delete the selected recordings from your hard drive.

Click the Save To (Ctrl + S) button to save the selected files to your hard drive.

Click the Open Folder (Ctrl + O) button to open the Recordings folder in Windows Explorer.

Click the Burn (Ctrl + B) button to burn the selected recordings to CD-ROM using Express Burn.

Click the Convert (Ctrl + C) button to convert the selected recordings to a different file format using Prism.

The Refresh (F5) button (far bottom of the window) is used to recheck your recordings folder and load any new recordings into the list.

Press Escape to close the dialog.

Press Select All (Ctrl + A) to select all the recordings in the list.

The view filter allows you to select a range of files based on camera, duration or date.

Troubleshooting

The following are a list of problems you may encounter with Eycline and how to resolve them. Most of these errors are logged into the Status Window (lower part of the screen) in red.

- Camera xxxxx could not be started. Please check if it is connected. If so delete it and re-add using the Options button, Cameras tab

This means the camera could not be started by Windows. Sometimes deleting and re-adding the camera in Options ~ Cameras will resolve this issue. Otherwise this problem can be caused by any of the following:

- The camera is not plugged in
 - The camera is faulty
 - The camera's drivers are not installed or are faulty. Please reinstall the drivers from the CD that shipped with the camera. You can also visit the manufacturer's website and download a later version.
 - For USB cameras, you may have too many connected to the same USB hub. Cameras generate a lot of data, especially at high resolutions and frame rates. You can exceed the maximum rate data that can be sent through the hub (i.e., bandwidth). To resolve this please connect one or more cameras to another hub. For instance, connect a camera to the front USB ports on your PC and others to the rear ports.
 - The camera is being used by another application
- Can't start recording on camera xxxxx. No codec has been selected for recording

This means you have selected 'No Recording' for a compression codec for the camera. You cannot record from this camera. If you wish to record then please select a codec.

- Could not run the external exe for:

You have selected to run an external exe in Options, Transmit tab. Please check the executable's name.

- Could not send email notification file

This means you have selected to send email notification in Options, Motion tab. Please double-check your email settings.

- Unable to perform FTP backup on:

This means you have selected to upload your recording to an FTP server in Options, Transmit tab. Please check your FTP server, username and password. Also, check if a port is required for the server.

Support

You can contact NCH Software for support at
<http://www.nchsoftware.com/surveillance/support.html>

Login Page

Enter the email and password to login to the web server. For more detail see [Options ~ Web Access](#)

Reset Password Page

Enter your email address to reset your password. For more detail see [Options ~ Web Access](#)

Keyboard Shortcuts

The following list shows shortcuts for the most common tasks used in Eyeline.

Main screen shortcut keys:

- Add Camera Ctrl+A
- Connect Ctrl+C
- Schedule Ctrl+H
- Open Find and Play Ctrl+F
- Start All Cameras Recording Ctrl+S
- Stop All Cameras Recording Ctrl+P
- Start Main Camera Recording Ctrl+R
- Start Main Camera Motion Detection Ctrl+M
- Previous Camera Ctrl+Left
- Next Camera Ctrl+Right
- Program Options Ctrl+O
- Open Program Help F1
- Exit (Close to Tray) Eyeline Alt+F4

Find and Play window shortcut keys:

- Play F9
- Save To Ctrl+S
- Delete Delete
- Select All Ctrl+A
- Open Recordings Folder Ctrl+O
- Refresh (Rescan for new recordings) F5
- Burn Files to CD-ROM Ctrl+B
- Convert Files Ctrl+C
- Close Esc

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7. Use of statistics collected by the software is subject to the NCH Software Privacy Statement which allows automatic anonymized collection of usage statistics in limited circumstances.
8. The contract arising out of this agreement is governed by the laws and courts of the Australian Capital Territory.

Screen References - Preview Video

The preview dialog has five buttons:

- **Return To Start:** Clicking here will return you to the start of the video. It is like an instant rewind to the start of your video.
- **Step Back:** Clicking this button will move you a little bit further back in the video. It is like hitting "Rewind" on your video player, then pressing "Pause" straight away.
- **Play/Pause:** This button is similar to the Play and Pause buttons on your video player. Clicking Play will start the video playing, then clicking it again will Pause the video.
- **Step Forward:** Clicking this button will move you a little bit forwards in the video. It is like hitting "Fast-Forward" on your video player, then pressing "Pause" straight away.
- **Go To End:** Clicking here will take you to the end of your video. It is like an instant fast-forward to the end of your video.

Below the video there is a timeline. You can click any position on the timeline to instantly go to that time of your video. It is like instantly rewinding or fast-forwarding until you reach that position in your movie. You can also drag the red cursor line on the timeline to watch as the video rewinds or fast-forwards if you would like.

Screen References - YouTube Live Event Settings

Here you can fill all required fields and create a YouTube Live Broadcast event.

Title:

This is the title of the YouTube Live Broadcast event.

Description:

This is the description of the YouTube Live Broadcast event.

Start Date:

This is the date and time the broadcast is scheduled to start.

End Date:

This is the date and time the broadcast is scheduled to end. End times are not needed for 24/7 broadcasts.

Privacy:

This is the privacy settings of the broadcast event. Only public broadcast events will appear on your channel, search results and promotion. Choose unlisted or private for test events.

Allow Playback Controls

Check this if you want to give viewers the access to DVR controls when they watch the broadcast. DVR controls enable the viewer to control the video playback experience by pausing, rewinding, or fast forwarding content.

Video Resolution:

This is the format of the video stream that you are sending to YouTube.

Screen References - YouTube Broadcast List

This dialog lists all existing active YouTube Live Broadcast events on your YouTube account from which you can select one to stream video content to.

Screen References - Scheduler

The scheduler lets you set Eyeline to start video capture at a set date and time. Open the scheduler by clicking the Schedule button on the main interface toolbar. From the Scheduler, you can add new recording schedules or manage previously created recording schedules.

To add a new recording schedule, click the Add button. The Scheduled Recording window will then appear. Here, you will need to give your schedule a name (e.g., Local News), select the capture device you would like to capture from (device, network or screen), and set Eyeline to record on a set date, on a specific day of week or every day at a particular time. When the scheduled recording is set to active, Eyeline will automatically start capturing at the set date and time. Recording can even be started if Eyeline is not running at the scheduled time. In this case, Eyeline will be automatically started by system. You do not have to worry about running Eyeline at scheduled time, just add a scheduled task and keep computer power on. (Please make sure system is logged in with the same account used to setup schedule recordings)

Add...

Click the Add button to create a new recording schedule.

Edit...

Click the Edit button to edit the settings of the selected recording schedule from the scheduled recordings list.

Delete

Click the Delete button to delete the selected recording schedule from the scheduled recordings list.

Screen References - Scheduler Task Panel

The scheduler task panel lets you specify the details of a scheduled task.

Active

When the Active box is checked, the recording will be started at the specified time. To disable a recording, uncheck this box and no recording will be made.

Scheduling

One time

Schedule the recording to run only once at a specific time.

Daily

Schedule the recording to run every day at a specific time.

Weekly

Schedule the recording to run every specified week day (Sunday, Monday...) at a specific time.

Start time:

Select the time the recording should start.

End time:

Select the time the recording should end.

Screen References - Motion Settings

In this dialogue you can set the motion settings.

Motion detection enabled Whether motion detection is allowed on this camera, see [Options ~ Motion](#)

. The sensitivity slider can be used to change the motion detection sensitivity - a low value (moved to the left) is a low sensitivity which means a large motion will be needed to trigger, while a high sensitivity value (to the right) only needs small changes to trigger motion.

Email motion detection notifications If this is selected then when a camera is triggered by motion detection an email will be sent to the email address entered.

Screen References - Caption Settings

In this dialog you can set the caption settings, including adding a timestamp to a camera's recordings. To open this dialog, open the Camera Properties, check the Text caption enabled button, and then click the Caption Settings button.

You can add text to create a title, caption or timestamp to your video. You can also adjust the alignment of your text using the buttons below.

Alignment The alignment can be adjusted to left, center, right, vertical top, vertical center and vertical bottom.

Caption Insert total time, current year, month, day, hour, minute or second by typing the following:

- %YYYY% = Current Year
- %MM% = Current Month
- %DD% = Current Day
- %HH% = Current Hour
- %MIN% = Current Minute
- %SS% = Current Second
- %time% = Time Spent Recording
- %timenoms% = Time Spent Recording (no milliseconds)

Height Percent: Adjust the height percent of the caption.

Font Click the Font button to adjust the font name, font style, height percent, effects, and foreground color.

Foreground Color Click the color box to select the foreground color of the caption.

Background Color When the Background Color checkbox is selected, click the color box to select the background color of the caption.

Screen References - Scheduled Recording

The Scheduled Recording window is where you create a new scheduled recording or edit an existing recording. To find this window, click the Schedule icon on the toolbar, then click the Add button to create a new schedule, or select an existing schedule and click the Edit button to change the settings of the schedule. From the Scheduled Recording dialog you can specify the name, whether it is active or inactive, the schedule, and the input video device. Active This will open a device specific settings and inputs pages. You should refer to your cameras manual for further details.

Recurrence

One Time

Schedule the recording to run only once at a specific time.

Daily

Schedule the recording to run every day at a specific time.

Weekly

Schedule the recording to run every specified week day (Sunday, Monday...) at a specific time.

Date and time

Start time:

Select the time the recording should start.

End time:

Select the time the recording should end.

Camera:

Select the camera you want to record from.

Screen References - Email Template

In this dialogue you can specify the email template.

Subject Email subject template.

Body Email body template.

You can insert the motion detection information in the subject and body by typing the following:

- %date% = Current Date
- %time% = Current Time
- %camera% = Current Camera Name
- %folder% = Current motion detection recording folder

Screen References - Enter Camera Name

In this dialogue you can select a human-readable name for the capture device.

Screen References - Options ~ Web Access

Browser Access

For more information on setting up Browser Access, see this Knowledge Base article:
www.nch.com.au/kb/10233.html

Login Account

Enter the email and password you will use to login to the web server.

Screen References - Options ~ General

This dialogue allows you to control the general behavior of Eyeline.

Startup Run Mode Eyeline can be set to run automatically when the computer starts. To enable or disable this, tick or untick the "Run Eyeline automatically on startup" option. If you want to use Eyeline for a permanent recording service, you should select this option.

There are many modes of running automatically which you can choose from in the pull-down list labeled 'Select the run mode'.

If you want Eyeline to run always, irrespective of whether anyone is logged on to the computer, select one of the "Run As Service" options. When running as a service Eyeline will work before logon and after log off.

By default, when running as a service, Eyeline will 'show' and be accessible to all users as an icon on the tray of the task bar. You can change this to limit it to the current user or no users. If you plan to use Windows Terminal or Remote Desktop you probably should restrict Eyeline to a local user or no users because 'showing' on a remote desktop can sometimes knock out local devices because they attempt to use the remote devices!

Running as a service only takes effect the next time you restart the PC. You should also check that it works after restarting your computer. If you have any problems, check any folders are accessible from the "Local System" account. If you need to send email from Eyeline using MAPI, you must change the "Log On As" password for the Eyeline Service. To do this, after you have set Run as Service, open Control Panel / Administrative Tools / Services. Double-click on "Eyeline Service", select the Log On tab, select this account and then enter the name and password of the user account to use to send email.

Initial Camera States Select what to do for all cameras when the service starts again. For example, after rebooting the machine.

- Resume from previous session

Any camera that was recording when the service was last stopped will resume recording.

Any camera that was using motion detection when the service was last stopped will resume motion detection.

- Display only

No camera will start recording or motion detection.

- Start recording

All cameras will start recording.

- Start motion detection

All cameras will start motion detection.

Note: If Start recording is selected but Record enabled is unchecked in [Camera Properties](#)

for any camera then a warning message will be displayed and that camera will not start recording. Likewise, if Start motion detection is selected but Motion detection enabled is unchecked in Motion Settings for any camera then a warning message will be displayed and that camera will not start motion detection.

Screen References - Options ~ Recording

This dialogue allows you to control the recording behavior of Eyeline.

Default Recordings Folder

This is the location recorded videos are saved to.

Auto-delete recordings (days)

This is the number of days a recording is retained for. After this time the recording will be automatically deleted to the Recycle Bin when you start a new recording. If you specify a value of zero (0) the recordings will never be deleted.

Warn when disk space is below (MB)

Recorded videos use a large amount of disk space. This option will warn you when you are running low on disk space. When your hard disk's free space is less than the number of megabytes listed you will be warned.

Stop recording when disk space is below (MB)

When your hard disk's free space is less than the number of megabytes listed, Eyeline will stop all recording and motion detection.

Delete files older than (days) when disk space is below (MB)

When your hard disk's free space is less than the number of megabytes listed, Eyeline will delete recordings older than the number of days listed.

Limit maximum recording time (h:mm:ss)

Enable this option if you want to place a limit on the length a recording can reach. You can select the maximum length in the window to the right.

You can also specify if the recording should be completely stopped or the new recording should be started.

Backup to Dropbox or Google Drive

If you need backup to a cloud(dropbox or google drive), install the client and set the Recording folder to that cloud's directory path.

Scheduled Recordings

A variety of actions can be performed when a recording starts:

Bring the application to the front

Show a bubble tip notification

Screen References - Options ~ Cameras

In this dialogue you control what cameras are used by Eyeline. The main list view shows all cameras that are set for use by Eyeline.

Add You can add any additional cameras installed on your PC for use by Eyeline. You will be prompted with a list of all available cameras.

Remove You may remove any selected camera from use by Eyeline. The camera will still be installed for use by other applications and can be re-added to Eyeline later if needed.

Properties In this dialogue you can configure many properties for the selected camera. For more detail see [Camera Properties Dialog](#)

Video Output Settings This is the default video output format that will be applied to all saved video files. All cameras will be automatically set to use this format. You may use "Settings" button to change the default video output format.

Lower the value of "Recording frame rate" to lower frame rate (FPS) of the output video if your computer is running slow.

Live Output Settings

Eyeline also lets you select the available options to view the live video from video camera device.

Flash live must be enabled for each camera, so you must enable at least one quality level.

HTTP Live Streaming is enabled by default for each camera, so we do not provide selection options here.

High Quality Flash

This allows you to enable (checked) or disable (unchecked) the streaming of high quality Flash live.

High Quality ASF

This allows you to enable (checked) or disable (unchecked) the ASF streaming.

Low Quality Flash

This allows you to enable (checked) or disable (unchecked) the streaming of low quality Flash live.

Screen References - Options ~ Displays

In this dialogue you control what displays or monitors are used by Eyeline.

Add You can add any additional displays installed on your PC for use by Eyeline. You will be prompted with a list of all available displays.

Remove You may remove any selected display from use by Eyeline.

Link to camera selected on main screen You may select this option to display the main camera window on the selected display.

Link to specific camera You may select this option to display the selected camera in the pull down list on the selected display.

Screen References - Options ~ Main Display

On the main window of Eyeline the large window of the left side on the screen is called the Main Display. The small windows to the right are the camera preview windows. You can click on one of the small preview windows at any time and this windows will be displayed in the Main Display. Alternatively, you can hold Ctrl and press an arrow key to quickly change the selected camera.

This dialogue allows you to specify how the Main Display is updated and what is displayed there.

Automatically loop through cameras If you select this Eyeline will automatically loop through all the cameras and display their images in the Main Display. They will automatically change periodically by the time you enter in Change display timer (seconds)

There are several modes for this changing:

- Show all cameras - will loop through all cameras
- Show cameras which are recording - will loop through all cameras that are recording
- Show cameras detecting motion - will loop through all cameras detecting motion

Alert and display on motion In this mode any camera that sees something moving (also called motion detection) will be selected as the main camera. By default it will only check every minute if motion is detected and change the camera accordingly. You may change this in the setting Motion Delay. If you set a value of zero (0) it will alert you every time it detects motion.

When the motion is detected, use the option Show program in foreground as an alert and show Eyeline to the foreground.

Manually select camera to display In this mode the Main Display will never change. You can click on one of the small preview windows and that will become the Main Display.

Screen References - Options ~ Transmit

In this dialogue you specify how recorded videos are saved by Eyeline. Once recording is finished or a specified size is reached the recorded AVI file will be saved to your recordings folder (see [Options- General](#)). Additionally any or all of the following actions can be done.

Please note running a custom program while running as a service may require you to log on to a specific account. For more details please see [Options ~ General](#).

Back up recordings via FTP If you have a FTP server or a website (with FTP access), select this option to make Eyeline upload all recordings to your server. This can be useful for backup purposes or to make the recordings available on the Internet (either public or private depending on your FTP server setup).

You must enter the ftp server (eg. ftp.yourdomain.com), your username, password and the exact full folder into which you want the files uploaded (eg. /home/yoursite/www/recordings).

If you have any problems with the FTP setup, we strongly recommend you attempt to log in manually with FTP software (eg. WS_FTP, CuteFTP) to double check you have the correct full path to the upload folder.

Please note we only support Passive FTP servers.

Back up recordings to network drive The recorded file will be saved to the specified folder on a local hard disk or to a network drive. To access network drives while running as a server please see [Options ~ General - Startup Run Mode](#)

Run external exe [ADVANCED] This option allows advanced users to add other transmit features to Eyeline, for example to run a background video streaming program to initiate streaming the video file just created. The command line syntax is as follows: "[program executable string] [video file string]". Note that the program is run by the background service and as such does not have access to any of the input/output devices associated with a logged in user (such as monitor or keyboard), hence no graphical output will be directly visible from the program run. However if, for example, it is a streaming program then the video stream will be accessible from a web-browser.

If this option is ticked, after Eyeline has completed recording, it will run the specified exe program. The selected application will be run with the recording filename as its first commandline parameter.

Log MD5 Checksum to separate log For auditing, a MD5 checksum will be created for the recording and appended to the specified log file. This is a totally separate file to the master log file used by Eyeline.

Transmission Attempts If one of the backup options fails, Eyeline will wait a set time (default 600s) and try again for a set number of attempts (default 3). If it fails after this, the file is abandoned. You can change the wait time and number of attempts. In order to help you fix mistakes during setup, Eyeline will automatically restart attempting any pending failed transmit after to open Options. To cancel attempts to perform any of the above tasks, you can select Tools->Clear Backup Queue.

Screen References - Options ~ Motion

In this dialogue you specify actions to take when motion is detected by a camera.

Email Address for motion detection notifications When motion is detected, the details will be sent to this email address if the option "Email motion detection notifications" in the Motion Settings dialog is enabled. The Motion Settings dialog is found from the Cameras tab of Options by selecting a camera from the list, clicking the Properties button, and clicking the Motion Settings button. To cancel attempts to send emails, you can select Tools->Clear Backup Queue.

Email Settings This will open email setting dialog to configure how to send the email.

Email Template This will open email template dialog to configure the template for the email subject and body.

Attach picture If the option is enabled, the snapshot picture will be attached to the email.

Log motion to master log When motion is detected a log entry will be added to the master log file and displayed in the status window (lower part of the main screen).

Execute external command if motion is detected When motion is detected, an external program will be run. For example, it may used to: - send icq/aim notification message by using gpl's icq/aim command line client (console) - generate network message: net send IP Motion Detected in your room - play alarm: winamp.exe alarm.mp3

Play a sound if motion is detected When motion is detected, a sound will be played. If this option is enabled but no sound file is specified, a default system sound will be played. Note: The sound must be in .wav format.

Motion Start Delay This value indicates how long Eyeline will wait after one of the motion detections (send email or log) and before it will generate another. A value of 0 (zero) means it will not wait and immediately generate another.

Extra Motion Time When motion is detected, the value indicates how long Eyeline will save to the video before and after motion detected.

Screen References - Camera Properties ~ Properties

In this dialogue you can set the camera properties. To open the Camera Properties dialog, open the Options dialog, click the Cameras tab, select a camera from the list and click the Properties button.

Name The drop list will list all the local web camera for your selection.

Input You can select the input device.

Format You can select the resolution and the camera format.

Device Settings/Inputs This will open a device specific settings and inputs pages. You should refer to your cameras manual for further details.

One setting on some cameras is the switch or reverse the horizontal image. On most cameras you will see the image is mirrored or motion left to right will appear right to left on the display and recordings. Using this option will reverse this so it will appear normal.

Display Name This is the displayed name of the camera.

Record enabled Whether recording is allowed on this camera.

Text caption enabled Add text to create a text or caption for your video if this checkbox is selected.

Motion Settings This will open the motion settings dialog to adjust the motion configurations.

Caption Settings This button is enabled when the "Text caption enabled" checkbox is selected. Clicking this button will open the Caption Settings dialog where you can adjust the caption configurations, including adding a timestamp to your recordings.

Screen References - Network Camera Properties ~ Properties

In this dialogue you can set the network camera settings.

URL The URL of the network camera. You can include the port in the URL.

User The user name of the network camera account.

Password The password of the network camera account.

Record enabled Whether recording is allowed on this camera.

Text caption enabled Add text to create a text or caption for your video if this check box is selected.

Motion Settings This will open the motion settings dialog to adjust the motion configurations.

Caption Settings This button is enabled when the "Text caption enabled" checkbox is selected. Clicking this button will open the Caption Settings dialog where you can adjust the caption configurations, including adding a timestamp to your recordings.

Screen References - ~ Select a capture device

In this dialogue you can select the capture device.

Webcam You can specify the local web camera as the capture device.

Name The drop list will list all the local web camera for your selection.

Input You can select the input device.

Format You can select the resolution and the camera format.

Device Settings/Inputs This will open a device specific settings and inputs pages. You should refer to your cameras manual for further details.

One setting on some cameras is the switch or reverse the horizontal image. On most cameras you will see the image is mirrored or motion left to right will appear right to left on the display and recordings. Using this option will reverse this so it will appear normal.

Tuner Settings If the selected device is a TV tuner, this will allow configuration of settings such as the channel number. The actual settings are device-specific. Please refer to the documentation of the TV tuner for more details.

Network Camera You can specify the network camera as the capture device.

URL The URL of the network camera. You can include the port in the URL. The recent 10 URLs will be kept in the combo box.

User The user name of the network camera account.

Password The password of the network camera account.

Screen References - ~ Video Streaming Methods

Direct connection to Eyeline

Direct connection is enabled by default and you can't disable it. Click 'More Information' to find more about Direct connection

YouTube live streaming

Check it to enable YouTube Live Streaming so that the camera content can be streamed to YouTube. Click 'More Information' to find more about YouTube Live Streaming

Title:

It shows the title of the YouTube live event

Stream Name:

Copy this field from the Ingestion Settings page on YouTube webpage

Primary Server URL:

Copy this field from the Ingestion Settings page on YouTube webpage

Video resolution:

Select the resolution of the YouTube live event

Create a new event...

Click to create a new YouTube live event

Select an existing event...

Click to retrieve all YouTube live events under your YouTube account