



How to Start

After installing the software you will configure for the first time the surveillance and automation scheme.

If you want to use video devices to make video surveillance you will see a window that have a address bar (internet browser like) that maps all available devices and allow you to write an internet address or phone number.

Now you may choose the device and activate it by clicking on the device item, if you want to use network devices write the url and press enter.

If you want to use multiple video windows just go to system tray click on VideoSpy icon and click on New Video Window.

See also: [Map of VideoSpy](#), [Video Window Setup](#)

Map of VideoSpy

Capturix VideoSpy is a desktop based application, it uses multiple windows to control video devices and a system tray menu for master settings.

When you click on the application icon on the system tray VideoSpy will show the master menu that is used to activate or adjust several of global settings of the application that affect all devices connected to this software.

Master Menu



The application icon indicates the Capturix VideoSpy is running and allows user to access master menu.

Video Window



 - Video Maximize, enables you to expand video for all window size.

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Master Menu [< Top >](#)



The application icon indicates the Capturix VideoSpy is running and allows user to access master menu.

New Video Window - To create and open a new video window if you want to use another video device or just to open a remote connection.

Open Multiple Video Windows - To create and open a group of new video windows if you want to use another video device or just to open a remote connection.

StartUp Windows - To select video windows that will be loaded when the application starts.

Media Archive - To consult or search for video or audio from a specific date or event, this will list all media recorded by the software.

Video Clip Maker - To create video clip files (AVI format) from the video archive, this enables you to view security video in any computer with a movie player.

Activity Log - To see all application activity, motion detection, user interaction, sensors readings... etc. (you can use this feature to pick a image from a specific event.)

Alerts and Automation - To create or edit alerts based on software events, like motion detection, user interaction, external hardware events (I/O). You can also create automation procedures like turning on a siren if motion detected.

I/O Automation Control - To create or edit external hardware control parameters (I/O). You can also create automation procedures like turning off a electric device based on a clock.

Sound Recording - To create or edit sound recording tasks, triggered by clock, motion detection or

external hardware events.

HotKeys - To program the functions keys (F2..F12) to perform user defined tasks.

Settings - To adjust all global settings, like modem setup, passwords, security options, external hardware interface, etc.

Switch User - To switch the user logged into application, this can be used to select the user that is in control.

Administrator Password by default is **CAPTURIX** but can be changed.

Remote Administration - To adjust all network server settings, passwords, maximum users, port, address, etc.

Security Subscription Account - To setup an account with a Security Provider. You need to have a subscription with a 3rd party company.

Capturix VideoSpy on web - This will open your internet browser in Capturix VideoSpy Home Page.

License and Registration - Registration Information, all license information about this capturix customer.

Check for Upgrades - To search for a Upgrade, Capturix AutoUpdate will search for a software upgrade and download a upgrade if exists a new version of the software.

Help - Will open a help window

About Capturix VideoSpy - Copyright information.

Stealth - Make VideoSpy invisible

Quad Style resize - This will resize the active video windows to use the maximum screen area*

Quad Style resize (Maximize Video) - This will resize the active video windows to use the maximum screen area, this will hide the video controls.*

ShutDown - This will terminate all Capturix VideoSpy services and close the application.

* - Only for Internet Edition

Sound Detection

This will display in real time the level of the sound input and the limit that can be reached before detector triggers.

Show Action Board (only for Enterprise Edition)

This button will Show/Hide the Map of the surveillance instalation with all dynamic icons for cameras, outputs and sensors.



Arm/Disarm

This button will turn on/off all Alerts that are checked on the Alert and Automation window.



Viewing Mode


With this features you can resize all active video windows.

2x2, 3x3, 4x4, 5x4 are the possibilities, if you have more than 25 windows open they will be resized on the back of the first 25 windows.

Select Maximize Video to hide the camera control when resizing.

Switch user



Just press  to change user. This button is the same of master menu Switch User / Login

Automation

This will open the alert and I/O control panel of the application.

Video Window



 - Video Maximize, enables you to expand video for all window size.

1. - Address Bar, Device List and Bookmars.

This list box displays all physical devices and allows user to access the network/phone cameras.

2. - Address Lock button, this button hides the address bar, use this button when you are using more than one video window with fixed devices.

3. - Bookmark button, this will show a menu with some options.

Add - Add to favorite devices

Delete - Delete this address from the favorite devices

Rename - Rename the device description

Hide Address Bar - Hide the address bar, the same of Address bar Lock button (2)

4. - Always on top button / Not always on top button, to keep the window always on top.

5. - Minimize

6. - Maximize

7. - Close this window, if there is only one window this will terminate the application.

8. - Status Bar, all application status.

9. - Joystick Position, this will show the joystick position in realtime, is useful for camera control.

10. - Store Graphic, this will show how disk available is.

11. - Motion Graphic, this will show the motion detector status.

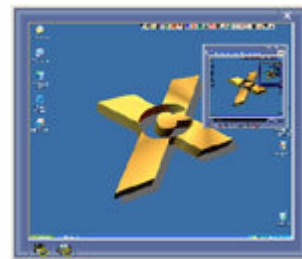
12. - Lock Device, this will lock all settings of the window, this is useful for devices configured by a administrator. **(discontinued)**

13. - Alert button, this buttons allows user to activate instant alerts or external hardware.

14. - Activity Log viewer

15. - Viewer. this is used to see video previous recorded by the application.

16. - Freeze and capture one image.



There is Save and Print button
If you press +/- you can make digital zoom to this image

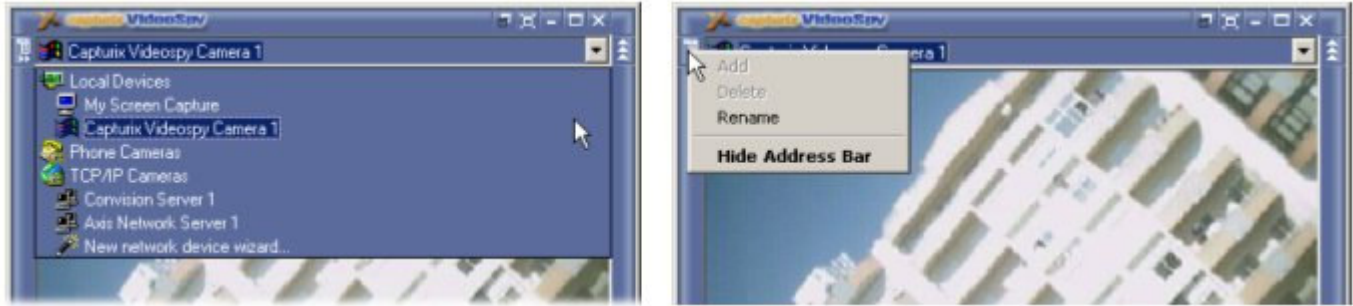
17. - Record button indicator

18. - Video Device Settings, this will configure the Recording schedule, Motion Detection, Image Settings, FTP Upload, etc.

19. - Video Device Driver Settings, this is a dynamic menu and can be different between devices, this will adjust all video settings for the selected device.

20. - Window title, this can show software name or device description.

Address bar



Address Bar

This address bar is where all video capture devices are stored, there is 3 types of video capture devices:

Local Devices - This are devices directly connected to your computer, such as Webcams, video capture cards, tv tuners, etc.

Screen Capture driver will be listed and is a part of Capturix Video Capture Engine, this allows you to have screen display as a video source. Very useful if you want to record your computer activity.

Phone Cameras - This is a support for phone line video capture devices (this will be available soon, there is no comercial devices available for this feature).

TCP/IP Cameras - This are devices based on network TCP/IP protocol, there is many products available (eg. ISALabs, Axis, Convision, Panasonic, many others).

Entering a address

You can enter a network address directly on the address bar like Internet Explorer, when you want to connect just press **<ENTER>**

Add Device to address bar

1. Enter the address on the address bar and press **<ENTER>**
2. Click on the left button of the address bar, you will see a bookmark menu (see the picture)
3. Select ADD

This device is now on Address List

Remove device from address list

1. Select the address you want to remove
2. Click on the left button of the address bar, you will see a bookmark menu (see the picture)
3. Select Remove

This device is now removed from the address list

Rename a device

Attention: The device must be added in the address list

1. Select the address you want to rename
2. Click on the left button of the address bar, you will see a bookmark menu (see the picture)
3. Select Rename
4. Choose a new name for this device and press **OK**

This device is now renamed

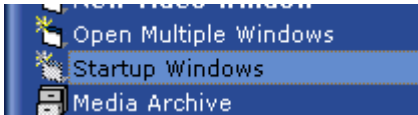
Hide Address bar

This option will do the same as the right button.

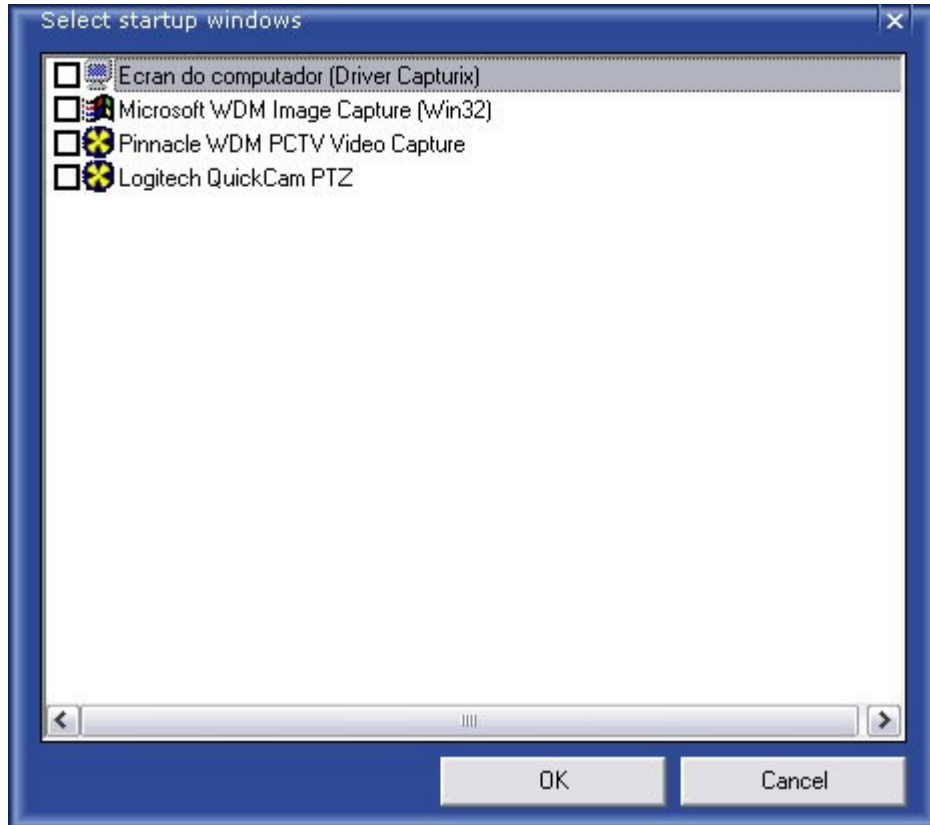
New network device wizard...

This wizard helps you to enter a new url for known network devices.

Startup Windows



To access the Startup Windows configuration: System Tray Menu >> Startup Windows.

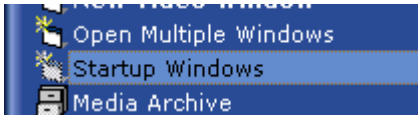


Startup windows

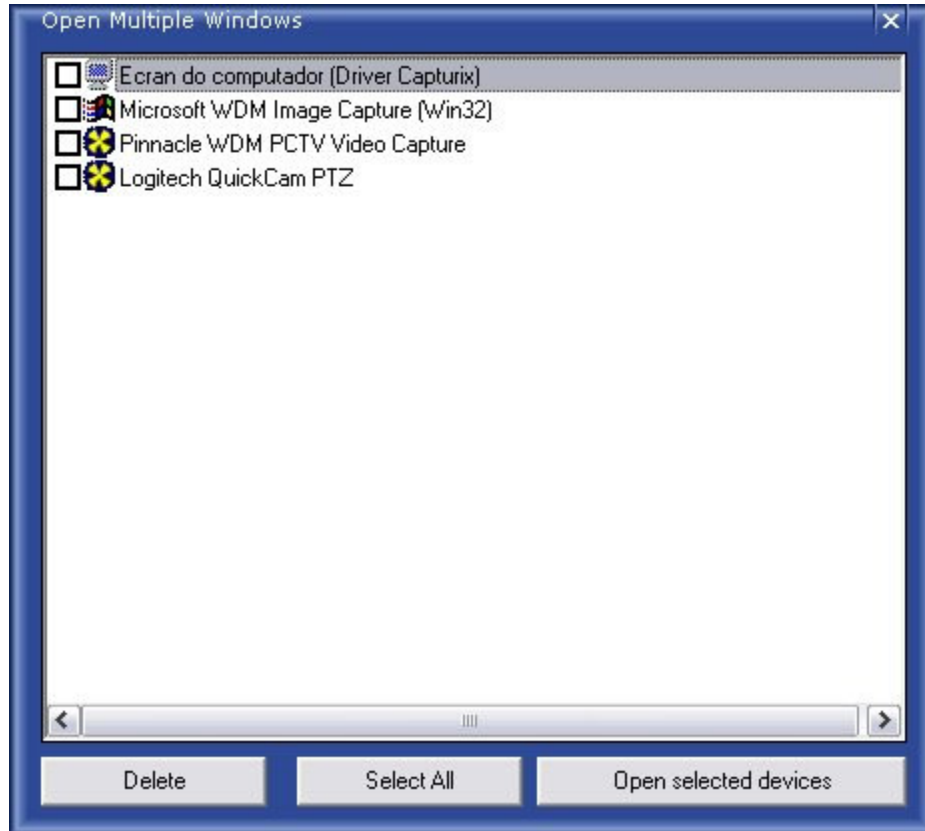
This window enables you to select the video devices that will start with the application.

Just check the windows you want to load on application start.

Open Multiple Windows



To access this option: System Tray Menu >> Open Multiple Windows.



Open multiple windows

This window enables you to open more than one video window at same time without having to make single open.

You can also manage the windows of network devices if you press delete you can delete network devices.

Video Device Setup



To access each device configuration you need to activate a device opening a video window and press the Video Device Configuration.

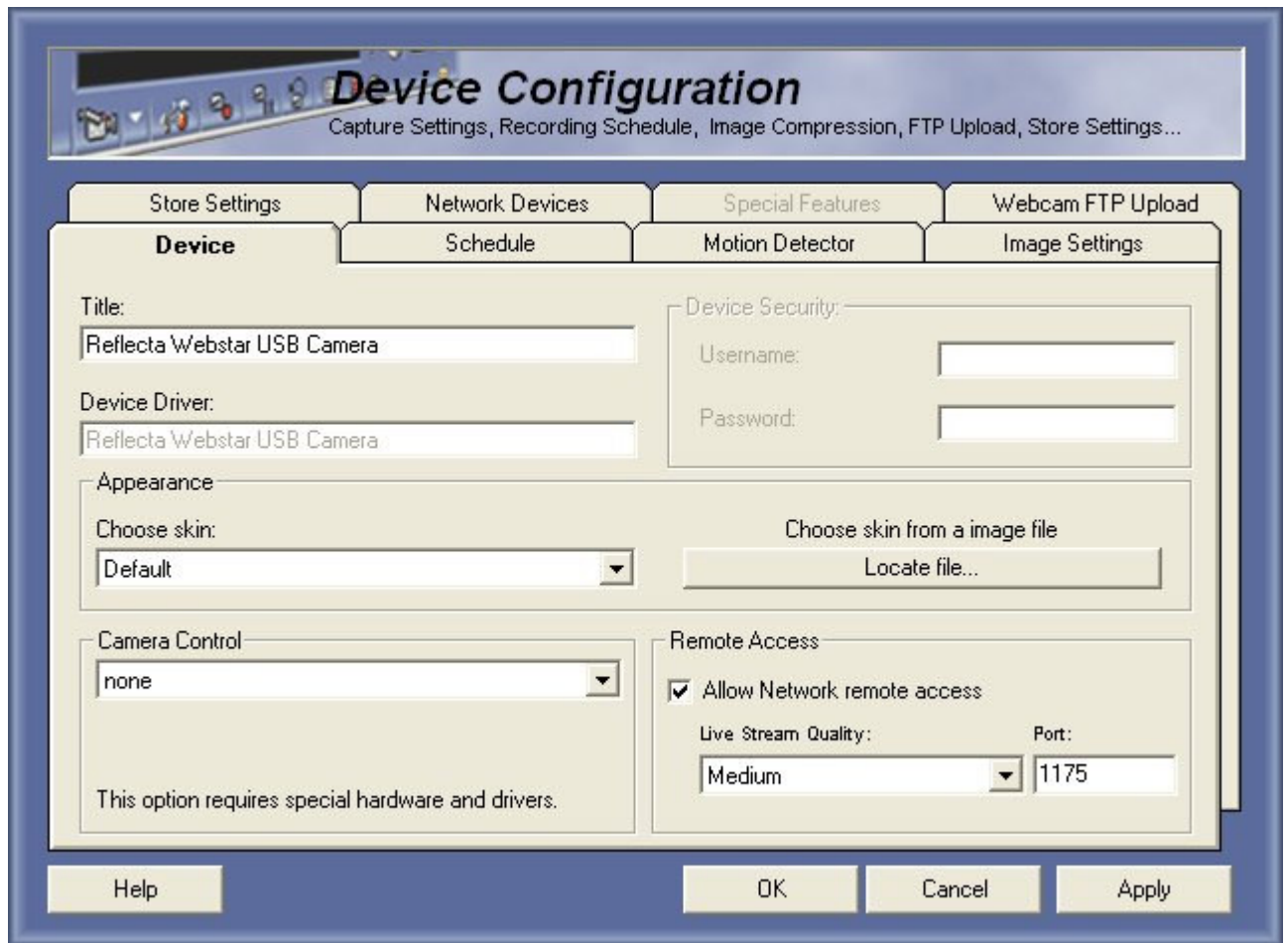
A screenshot of the 'Device Configuration' window. The window has a title bar with the text 'Device Configuration' and a subtitle 'Capture Settings, Recording Schedule, Image Compression, FTP Upload, Store Settings...'. Below the title bar are four tabs: 'Store Settings', 'Network Devices', 'Special Features', and 'Webcam FTP Upload'. The 'Device' tab is selected. The window contains several sections: 'Title' with a text box containing 'Reflecta Webstar USB Camera'; 'Device Driver' with a text box containing 'Reflecta Webstar USB Camera'; 'Device Security' with 'Username' and 'Password' text boxes; 'Appearance' with a 'Choose skin' dropdown menu set to 'Default' and a 'Locate file...' button; 'Camera Control' with a dropdown menu set to 'none' and a note 'This option requires special hardware and drivers.'; and 'Remote Access' with a checked checkbox 'Allow Network remote access', a 'Live Stream Quality' dropdown menu set to 'Medium', and a 'Port' text box containing '1175'. At the bottom are buttons for 'Help', 'OK', 'Cancel', and 'Apply'.

This is the configuration window for each camera.

Device Settings



To access each device configuration you need to activate a device opening a video window and press the Video Device Configuration.



Title - The name of the camera/device (Eg. Hall Camera 1)

Device Driver - This field shows the hardware driver or network address of the camera/device

Device Security

This is only used on Network based devices, will be used to define the level of security for VideoSpy client.

Username - Username on remote device

Password - Password on remote device

Appearance

This option helps you to change the window skin, there are skins included with the software and others that you can download from the internet. Just click **Locate File** to choose the file to be the skin of the window.

Camera Control

This option is a special feature of this software, that enables you to use Capturix VideoSpy to control a Pan-Tilt-Zoom camera with a simple joystick.

This option menu is dynamic it means that can be different in other machines with other drivers installed. But there are 2 common items. **NONE** - it means that this window will not have any control device for PTZ cameras and **Send information via TCP/IP** - it means that you are using a network camera that is compatible with PTZ via TCP/IP - HTTP requests.

Remote Access

This option enables you to give permission to allow live streaming of this video window, this is use to Remote Administration server when you select Live video.

Allow Network remote access - To disable/enable the video streaming via TCP/IP. Disable if you are not using remote administration.

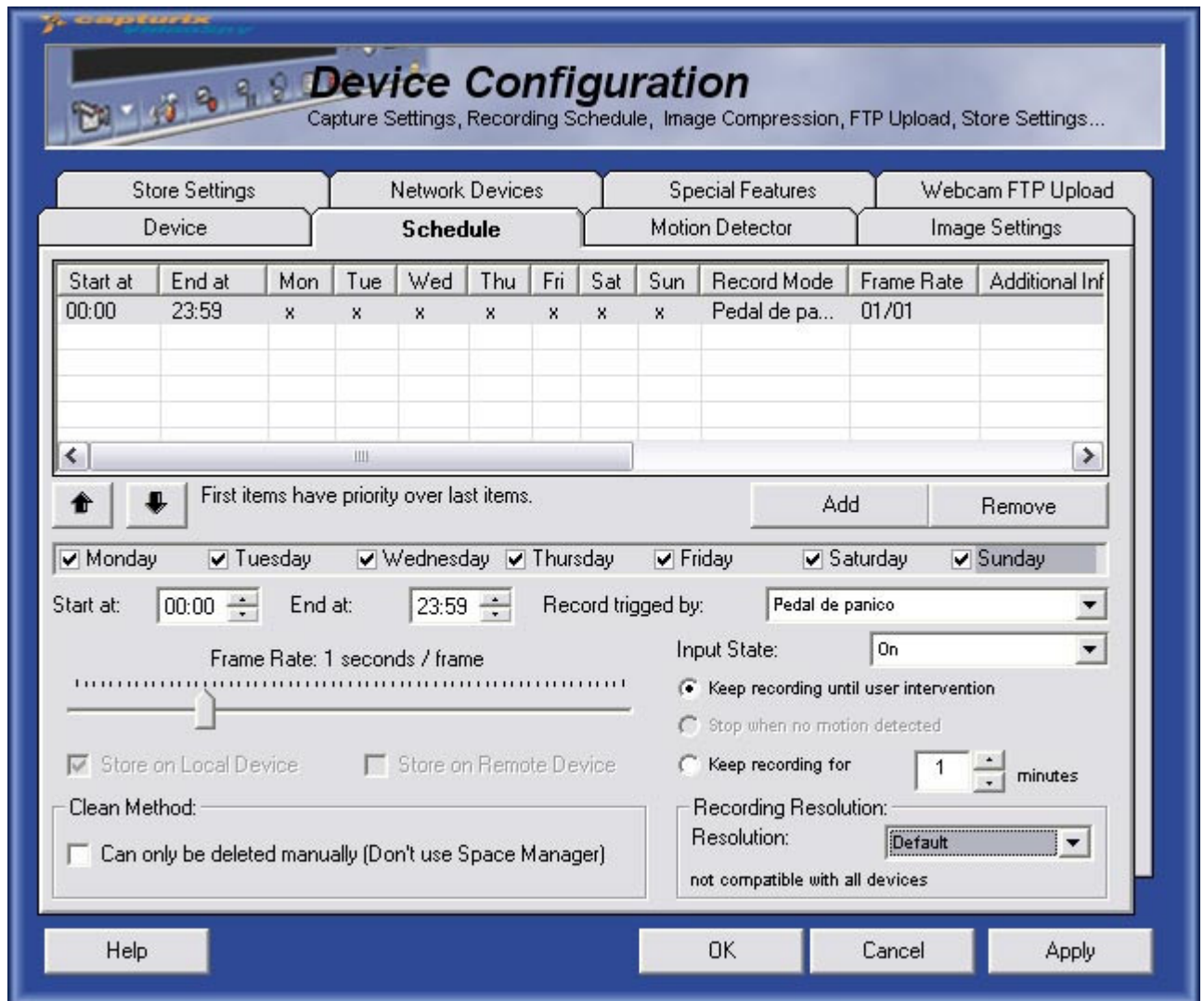
Live Stream Quality - This is used to adjust the image compression of the video stream, if you use a phone line or a low bandwidth channel decrease quality.

Port - This is the listen port of this camera webserver, you should change and configure this port if your system is behind a firewall or router.

Device Settings - Schedule



To access each device configuration you need to activate a device opening a video window and press the Video Device Configuration.



How to start recording

1. Press the **ADD** button to add a item on the schedule list, like the picture.
2. Select the item by clicking.

3. Select the week days that you want to record, then adjust the begin hour and end hour.
4. Select the trigger of the record operation, if you select Clock this will start on begin hour and ends on end hour, if you select Motion detector or other this will only start after a detector signal.
5. Adjust the recording frame rate, normally time lapse recorders use 1 FPS.
6. Select Store on Local Device.

You can add more items, the limit to schedule items is 99999 items.

How to remove schedule items

1. Select the item by clicking.
1. Press on **Remove** button

Record trigger

This option menu is dynamic it means that can be different in other machines with special hardware.

The common options are:

Clock - This will activate the recording operation at a specific hour.

Motion Detector - This will activate the recording operation when motion is detected (on a time interval).

Sound Detector - This will activate the recording operation when sound level reaches the limit defined (on a time interval).

Other options are the list of the digital Inputs available.

Frame Rate

The frame rate must be adjusted, but there are some facts that you must think: Disk space available (bigger frame rate will require more space and more system performance).

For Internet Edition range is : 10 FPS to 1 Image per 99 seconds

For Enterprise Edition range is : 30 FPS to 1 Image per 99 seconds

Motion Detection Parameters

Keep Recording until user intervention - When motion is detected this will keep recording until user stops manually the recording operation.

Stop when no motion detected - This will only record frames when motion is detected.

Digital Inputs / Motion Detection / Sound Detector Parameters

Keep recording for x minutes - When motion is detected this will keep recording more x minutes (x can be 1 to 60 minutes)

Digital Inputs Parameters

Input State - Here you can select the state of the input that triggers the recording (On,Off or Any)

Store Parameter

Store on Local Device - This will record images on the local computer machine where Capturix VideoSpy is installed.

Store on Remote Device - This option is only for specially surveillance equipment (like Video Servers, Cameras) that can record and store internally.

Default is Store on Local Device

Clean Method (only for Enterprise Edition)

If you set to turn off the space manager you can only delete this images manually this is good to protect the alarm event from being deleted.

Recording Resolution

On this option you can set different resolutions for each trigger or hour schedule, you can set a higher resolution for motion trigger or any detector.

For example:

24h/day - Recording at 160x120

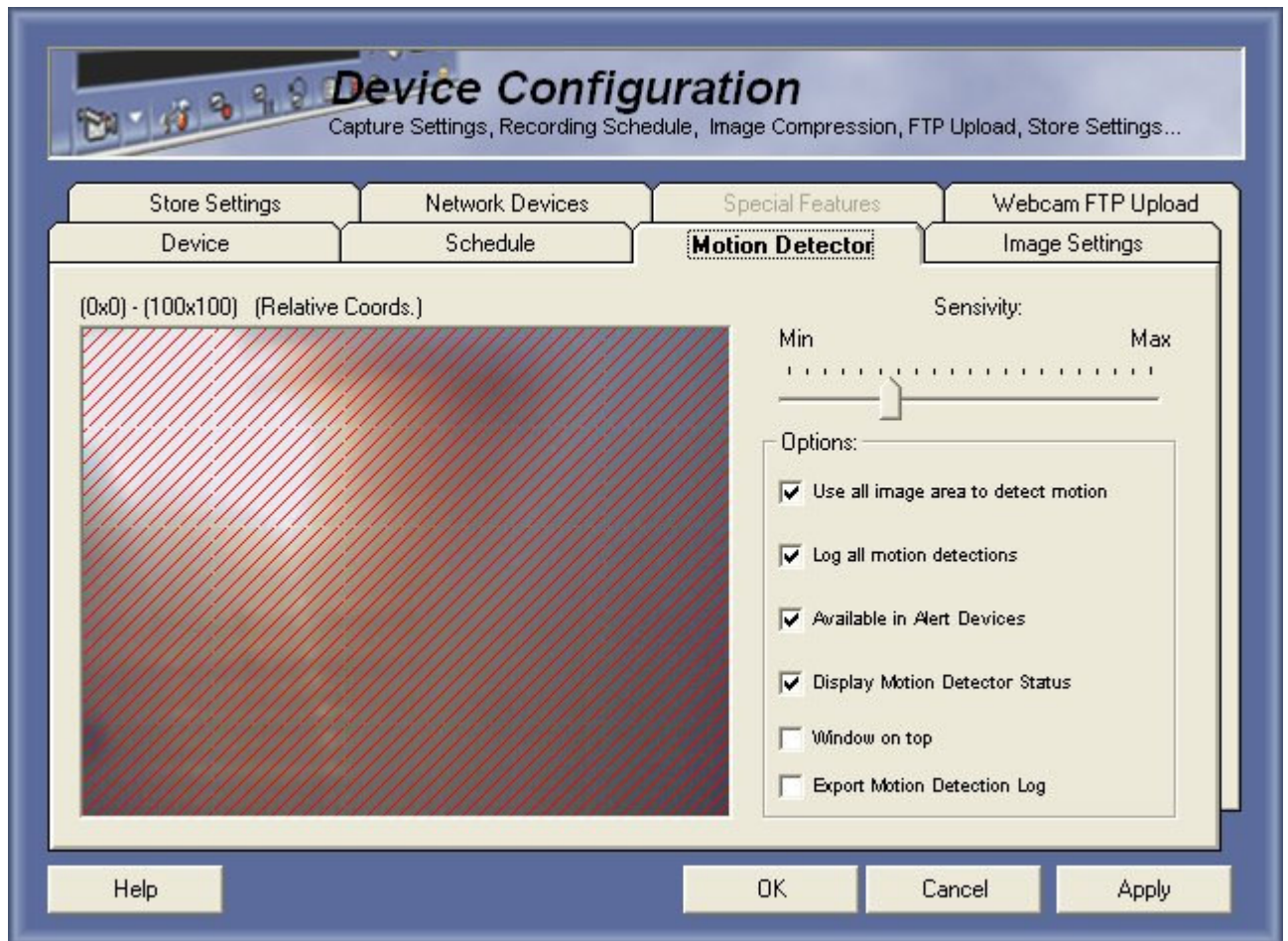
Any event - Recording at 640x480

This will make a very high economy to the space available.

Device Settings - Motion Detector



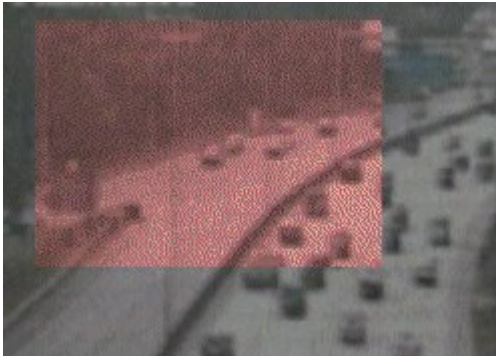
To access each device configuration you need to activate a device opening a video window and press the Video Device Configuration.



The Capturix VideoSpy Motion Detector

Capturix VideoSpy software have a internal motion detector to allow user to configure alerts, recording and other features that uses video motion detection. To avoid processor overload this motion detector is on only when is needed.

Capturix VideoSpy BASIC/PLUS



This version have only one zone of detection that enables to select the zone you want to detect motion.

Capturix VideoSpy Enterprise/QUAD/PRO



This version have 25 (5X5) zones of detection that enables to select the zones you want to detect motion.

Motion Detection Area

By default motion detection is made in all picture size, but you can choose a area by clicking with mouse on the area and drag to select the specific area.

Motion Detection Sensivity

This gauge is used to adjust the motion trigger, this can be useful if there is lights pointed to the camera or other things that can trigger the motion detection.

Motion Detection Parameters

Use all image area to detect motion - This will use all image size to detect motion, *selected by default*.

Log all motion detections - This will write on History Log all motion detection, not recommended for zones where motion detection is common, because will increase the History Log file.

Available in Alert Devices - This will use this motion detection in Alert trigger menu, to allow alerts triggered by this motion detection.

Display motion detector status - This will refresh the detection gauge every time motion is detected, even when motion does not reach the limit.

Window On Top - This will pop-up the video window every time motion is detected.

Export Motion Detection Log - This will save all motion detections to a CSV file that can be read by any software like Excel.

Device Settings - Image Settings



To access each device configuration you need to activate a device opening a video window and press the Video Device Configuration.

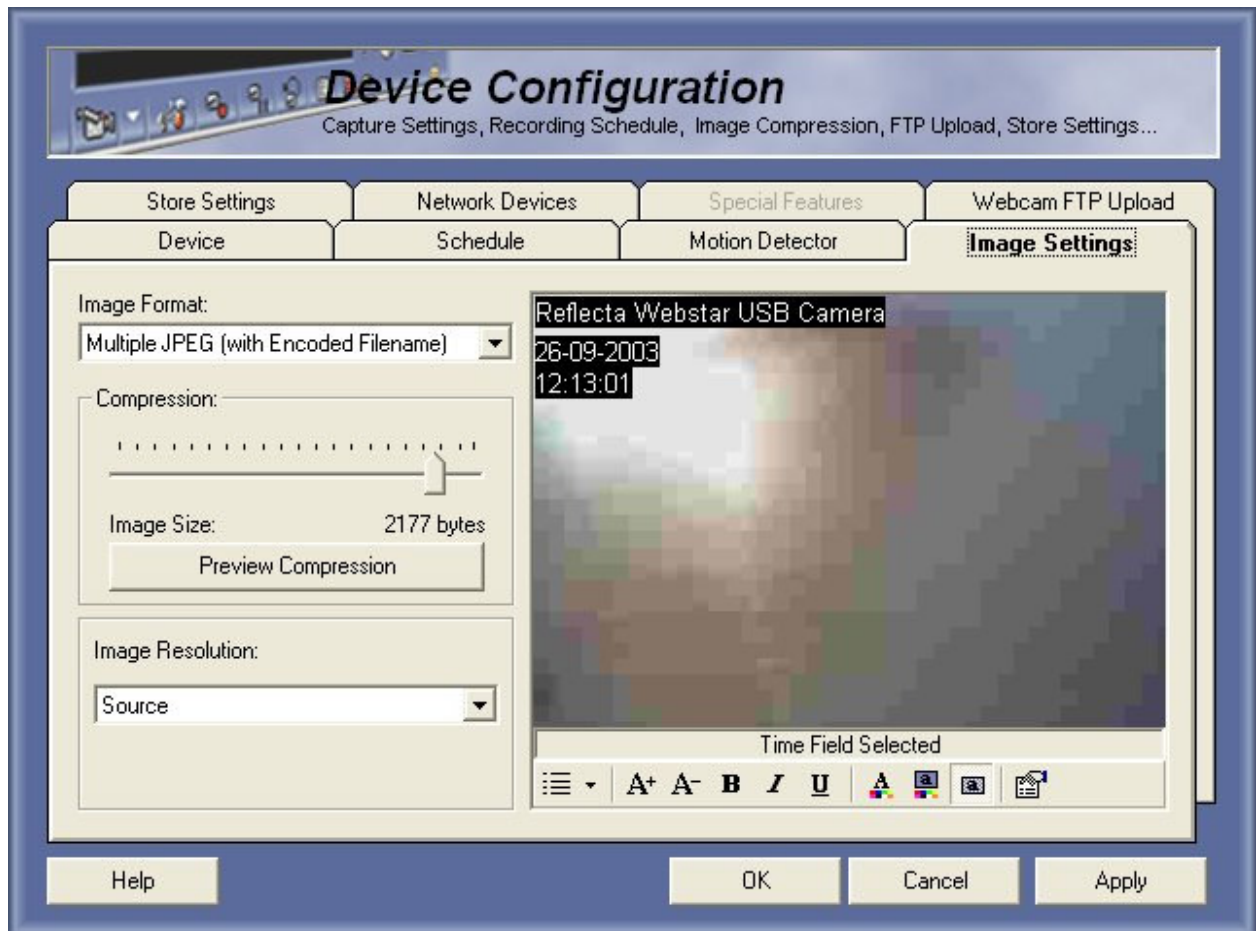


Image Format

There are several of formats that you can use to save your surveillance video, AVI is not recommended because it needs an Initialization and a Finalization.

In Capturix VideoSpy there are **Multiple of JPEG** files and **Multiple of BMP**, in future will be supported more file types.

JPEG offers the best size-quality features.

Compression

If you use JPEG format you can adjust the quality of the image in compression gauge, remember if you increase compression you will decrease quality.

You can press in **Preview Compression** to see how image will be saved.

Image Resolution

This will change the resolution of the saved images, normally its common to choose Source, this will save at the resolution that is selected on Video Format of the video capture card/Webcam.


If you want to save space you can use a lower resolution.

You can adjust a custom resolution by selecting custom.

Adding information on Image

With Capturix VideoSpy you can add information (like timestamp) on save images, remember that you can't remove this when viewing because all this information will be imposed on each frame.

To select items just click on the item

 **Hide / Show Items** - This button menu is used to hide or show the items that can be saved on images


Show/Hide **Time** - It will write the actual time (recorded image)

Show/Hide **Date** - It will write the actual date (recorded image)

Show/Hide **Text** - It will write custom text explained below


Show/Hide **Status** - It will write the window status (the same status that appears on the video window)


Show/Hide **Title** - It will write the title, this is the device description that appears on address bar.


 **Font Size** - Enables you to increase and decrease the font size

 **B I U Bold, Italic, Underline**

 **Font Color** - This button enables you to change color of the item

 **Font Background Color** - This button enables you to change background color of the item

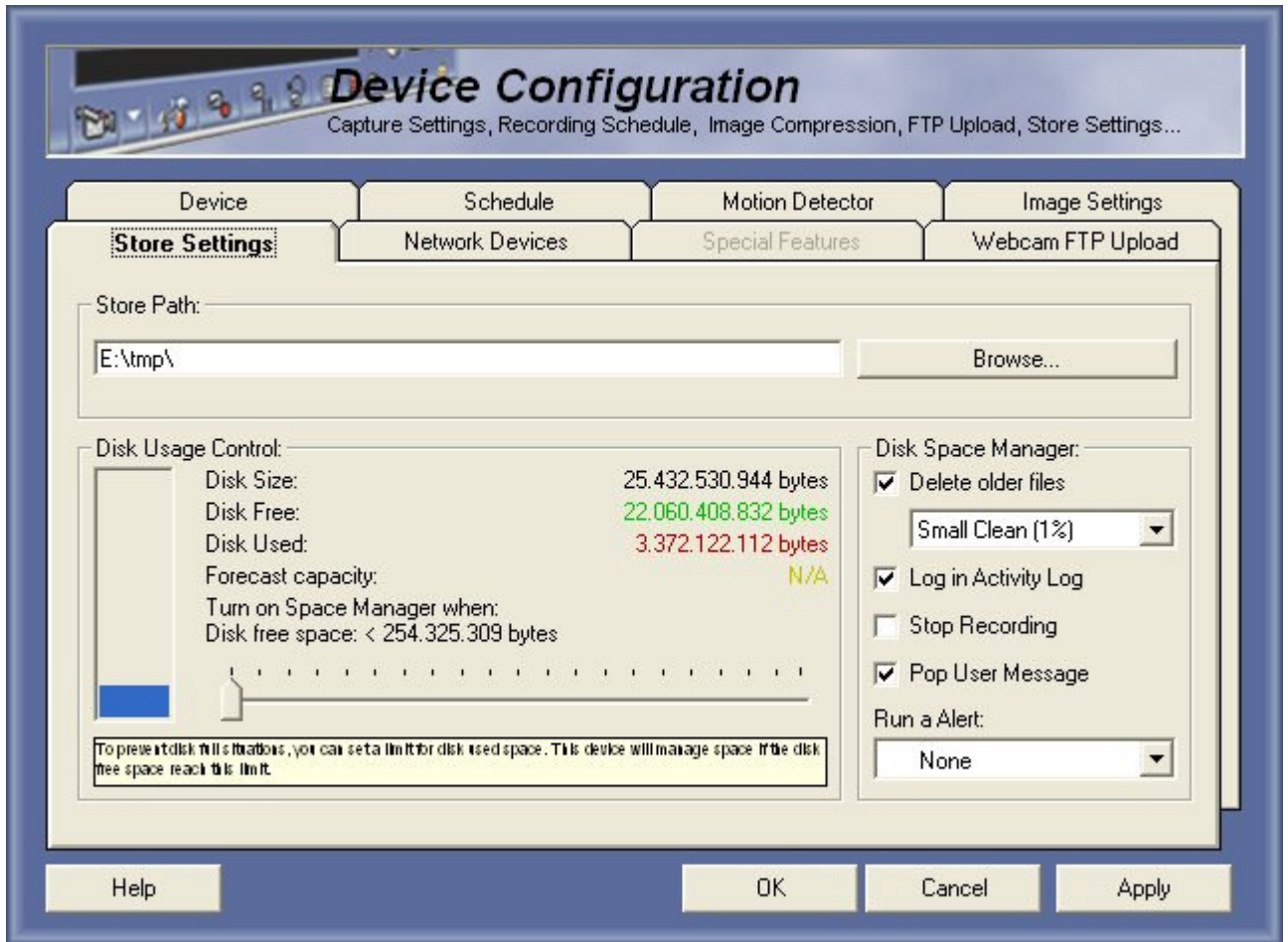
 **Font Background Type** - This button enables you to select transparent background / opaque background

 **Item Properties** - Enables you to change the Time, Date format, change the text description.

Device Settings - Store Settings



To access each device configuration you need to activate a device opening a video window and press the Video Device Configuration.



Store Path

This is the path where video images will be stored, its recommended to make a drive partition only for security video, this will prevent third party software to access the files.

We recommend that you have a partition per camera when used for professional use.

Just press **Locate** to point the new path.

Disk Usage Control

To prevent disk overload Capturix VideoSpy have a internal Space Manager to allow unlimited time recording without stops, this can delete the old files and keep recording, when the disk is full.

Use the gauge to adjust the minimum free space allowed, this will mark the limit of disk usage, when the disk have only the selected free space, Capturix VideoSpy will perform the following operations.

Disk Space Manager

Delete older files

This is defined as a default, ables Capturix to delete the older stored images.

Log in Activity Log

This will write on history log a warning message.

Stop Recording

This will stop recording until a user intervention.

Pop up user message

This will pop up a message window for user intervention.

Run a Alert

This will run a predefined alert that can be created on Alert & Automation configuration window.

Very useful if you want to send a SMS, E-MAIL,etc...

Hide Content **(ONLY FOR BASIC/PLUS/QUAD/ENTERPRISE EDITIONS)**

This will protect the video files of being visualized by other software. All files will be hidden from other software.

Device Settings - Network Devices



To access each device configuration you need to activate a device opening a video window and press the Video Device Configuration.

Reconnect when failed/broken connection

This option must be used if you want to automatic reconnect if the connection failed or broken.

Remote FTP Upload (Device):

This option allow user to setup a FTP upload from the network device, this requires a hardware that supports that feature.

PTZ Network Camera Setup:

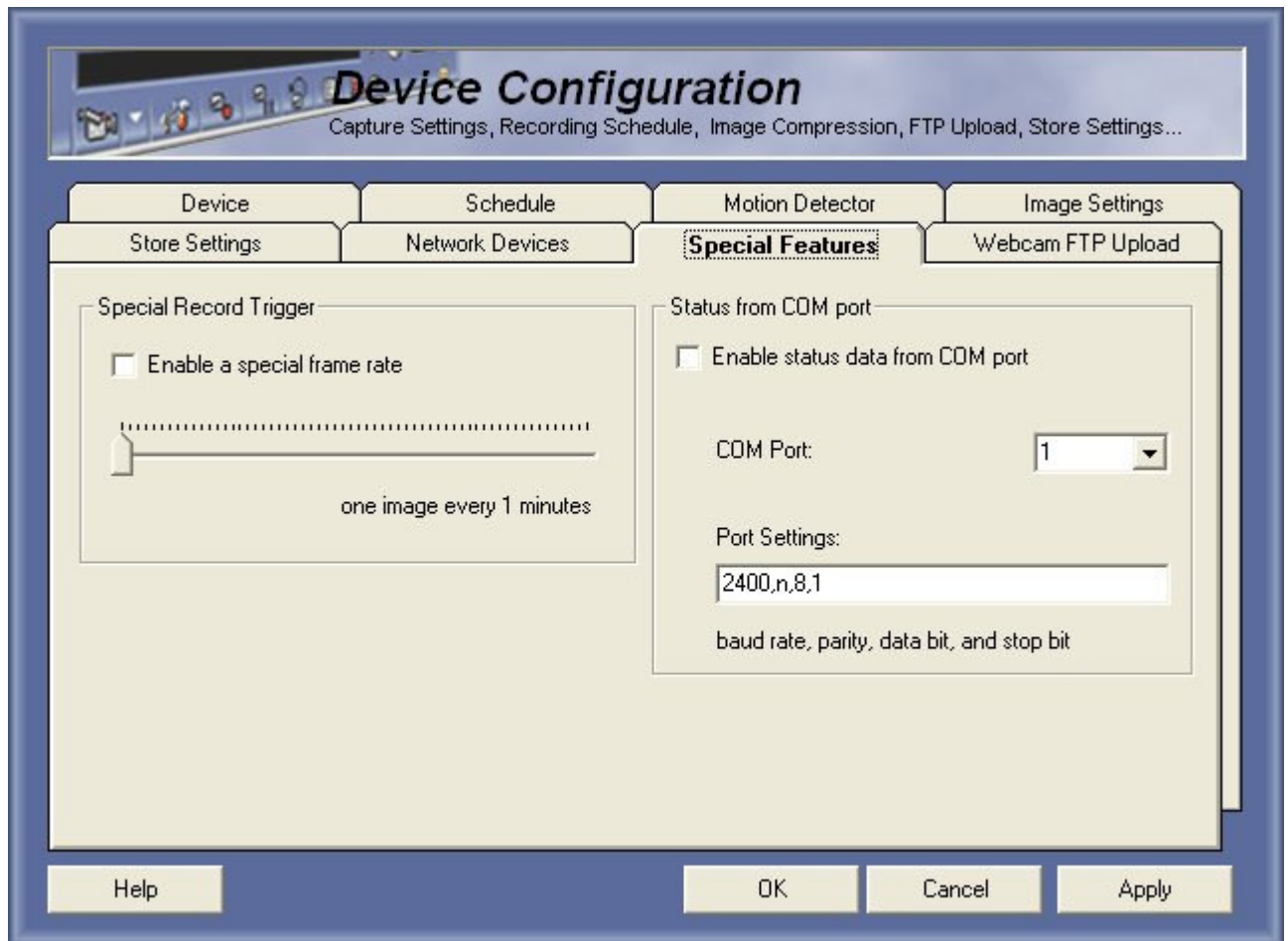
This option allows user to setup a Ethernet device (like Axis Video Server), PTZ commands to move a motorized camera.

Just press the position you want to setup and enter the URL then press Apply.

Device Settings - Special Features



To access each device configuration you need to activate a device opening a video window and press the Video Device Configuration.



Special Record Trigger

This option can be used if you want to setup a special frame rate (normally more than one image each x minutes).

To activate this feature just enable the option and adjust the interval for the frame rate.

Status on COM Port (only on QUAD/PRO/Enterprise Editions)

This feature able user to record video imposing data that comes from the serial port, this feature can be used with a POS or a access card reader to display the data on the video recording.

To activate this feature just enable the option, select the com port that will be used and ajust the speed and communication parameters than you must to the image settings and enable Show Status.

Device Settings - Webcam FTP Upload



To access each device configuration you need to activate a device opening a video window and press the Video Device Configuration.

Device Configuration
Capture Settings, Recording Schedule, Image Compression, FTP Upload, Store Settings...

Device Schedule Motion Detector Image Settings
Store Settings Network Devices Special Features **Webcam FTP Upload**

This features ables you to schedule a FTP upload single image of this video device, with this option you can integrate a webcam in a website.

Enable timed FTP Upload FTP upload available for Alerts and Automation

FTP Server: _____ Port: 21

Username: _____ Password: _____ Upload every: 00:00:00

Directory: _____

Remote File: (%DATE = YYYYMMDD, %HH = Hour, %MM = Minute, %SS = Second)

Help OK Cancel Apply

Enable timed FTP Upload

This feature ables you to send a image to a FTP Server, this allow you to have a webcam with your security cameras, this also can be adjustable for each device.

FTP Upload available for Alerts and Automation

This feature ables you to permit sending a image via FTP when a alert is triggered. See also Alerts and Automation.

FTP Server

This is the url field of the FTP Server that will be uploaded. Eg:
ftp.myserver.com.

Port

Normally FTP Servers uses port 21, but if you have a special server you can use other port.

Username & Password

You must specify the account you will use to upload the server.

Upload Every.....

This will be the interval of time that the image will be upload.

Directory

You can upload to another directory in the server, if you want to upload to the root, just keep /.

Remote File:

This will be the filename that will be stored on the remote server (FTP Server).

You can send multiple files if you use on the remote filename this symbols:

%date - Actual date : YYYYMMDD (Year/Month/Day)

%hh - Actual hour

%mm - Actual minute

%ss - Actual second

Media Archive



To access each device configuration you need to activate a device opening a video window and press the Media Viewer Button.

You can also access the Media Viewer from the System Tray Menu >> Media Archive.



Device Selection (14)

Attention: The device must be added to the address list see Video Window how to add the address.

Select the device that you want to see the archive.

Select from the list (14)

Player Controls

1. Go back (the oldest saved image)

2. Fast Rew Play (play at maximum speed)
3. Rew Play (from the newest to the oldest image)
4. Go back one frame (frame by frame)
5. Digital 22x Zoom Out (**Enterprise Edition Only**)
6. Stop and special functions:
7. Digital 22x Zoom In (**Enterprise Edition Only**)
8. Go forward on frame (frame by frame)
9. Play
10. Fast Forward Play (play at maximum speed)
11. Go to the newest saved image
12. Device selection
13. Date search (See also: Search by date)

Audio Player

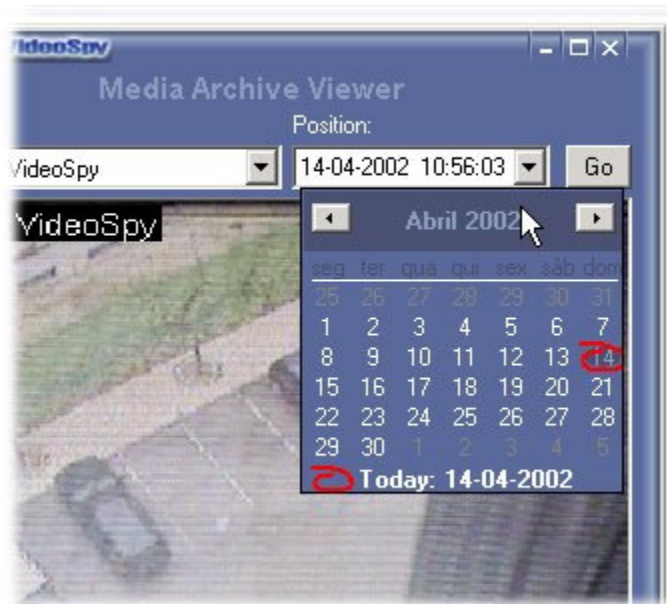
See Audio Player page.

Media Archive - Search by date



To access each device configuration you need to activate a device opening a video window and press the Media Viewer Button.

You can also access the Media Viewer from the System Tray Menu >> Media Archive.



Search by date

Select the device that you want to see the archive

Position Menu

This dropdown menu ables you to search for a specific date on the calendar, just click on the day and press **GO** button

You can also write directly the date on the field and press GO button.

Searching method

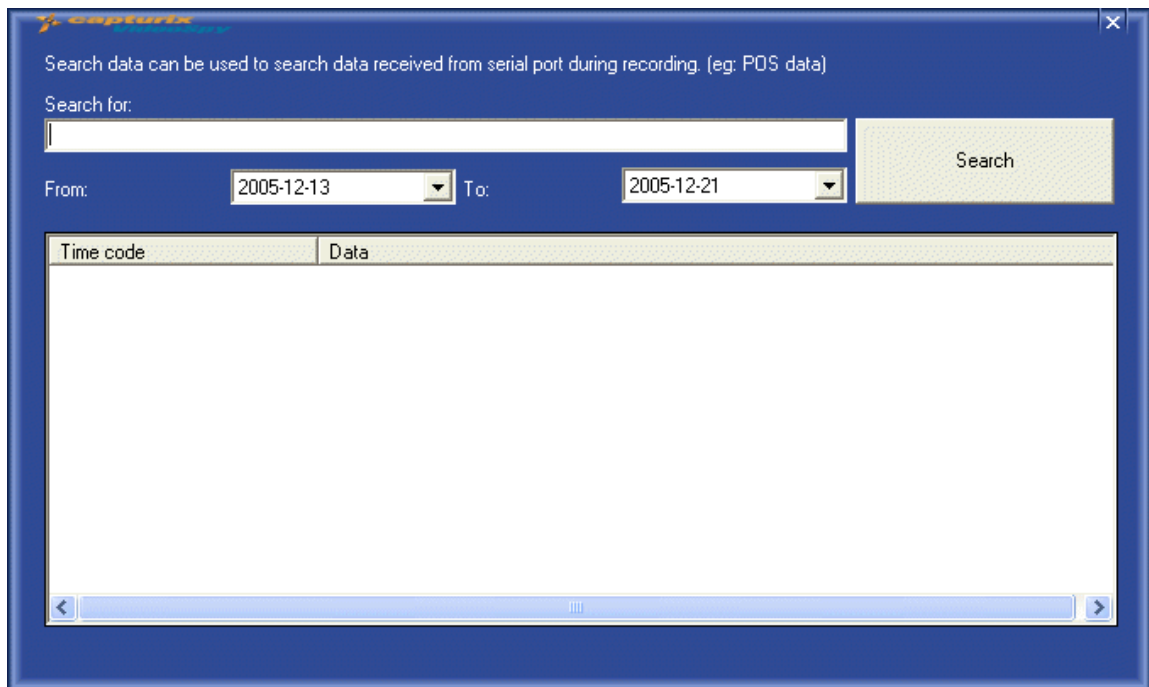
If there is no image recorded on the date that you specified, VideoSpy will show a image near that date.

Search by event

If you double-click any event on the Activity Log associated with a video device this will open a Media Archive Viewer with a image of that event.

Search by data

If you click on STOP button menu you will see a option "Search data":



With this option you can search data retrieved by serial port during record operation, for example:

If you connect to a POS you can search data registered on the Point of Sale Terminal:

example:

Change

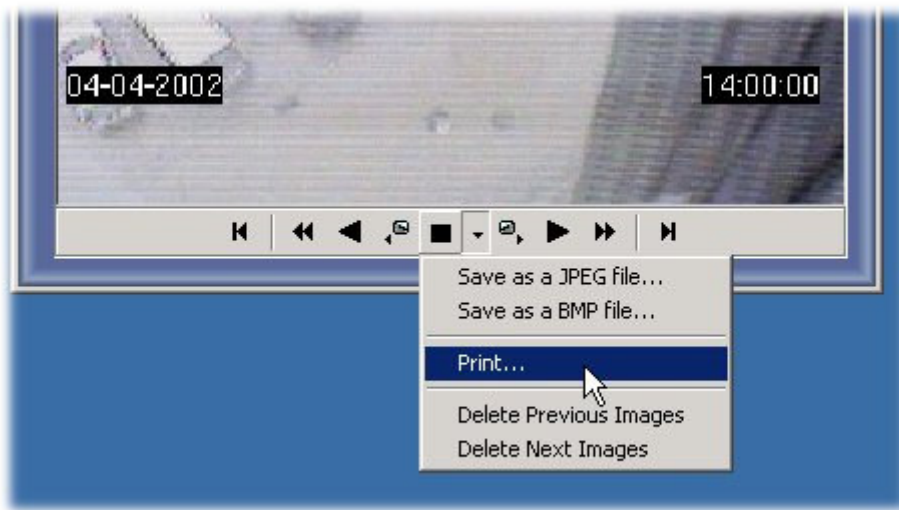
All images that contain "change" will be showed.

Media Archive - Saving, Printing and Deleting Images



To access each device configuration you need to activate a device opening a video window and press the Media Viewer Button.

You can also access the Media Viewer from the System Tray Menu >> Media Archive.



Saving Images

If you want to save a image from the security video, just stop the player and click the dropdown menu and press *Save as JPEG file...* or *Save as a BMP File...* depending on the format you want to save the file.

Printing Images

This option ables you to print directly the image that is displayed.

Deleting Images

If you want to delete all images from the selected image just click:

Delete Previous Images

Delete Next Images

Media Archive - Audio Player



To access each device configuration you need to activate a device opening a video window and press the Media Viewer Button.

You can also access the Media Viewer from the System Tray Menu >> Media Archive.



Recorded Audio

In the device menu you can find recorded audio item, this will list all audio tracks recorded on the local machine, in the list (1) there is a file recorded at 2002-04-17 13:49:44.

Select the device that you want to see the archive.

Listening audio

1. Just select the file by clicking over the item (1)
2. Press Play icon (3)

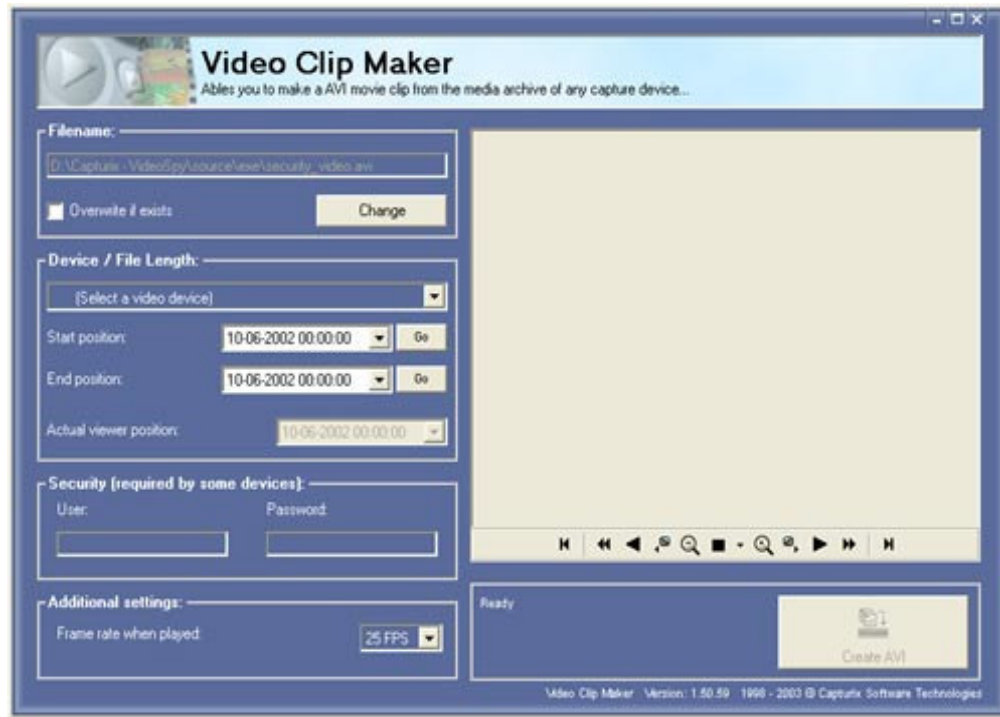
Then you have the normal controls of any audio player, Play, Pause and Stop.

Audio Volume

You can adjust the audio volume in the volume control (4)

Video Clip Maker

To access Video Clip Maker you must go to Main Menu by clicking on the tray icon and press Video Clip Maker



Video Clip Maker

This feature enables you to create a AVI from the surveillance archive, this can be played on other computers without VideoSpy installed.

Map

1. Filename location - Where will be stored this AVI file
2. Overwrite if exists - Check if you want to delete the old file if exists with the same name of the AVI file
3. Camera Selector - Select the device you want to use
4. Time archive controls - Select the Start position (first image of the AVI) and End position (last AVI image)
5. Security Username & Password - To be used on Network devices only (eg: Network Video Servers)
6. Frame rate when played - Frame rate that player will play this file

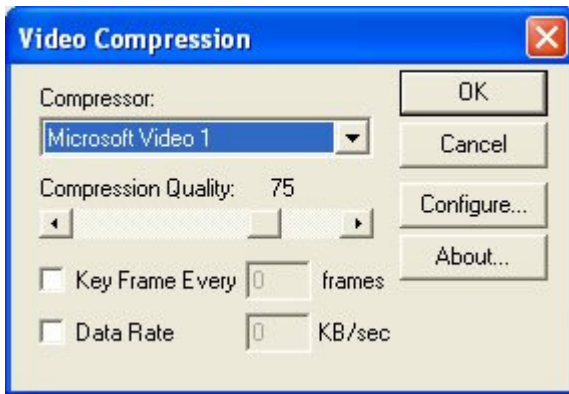
example:

If you have recorded the security video at 1 FPS and if you select 25 FPS on Video Clip Maker, the AVI player (like Windows Media) will play 25 seconds of video in 1 second or 250 images in 10 seconds.

7. Viewer Controls - Helps you to get the avi positions see also Archive Viewer

8. Build AVI

Build AVI



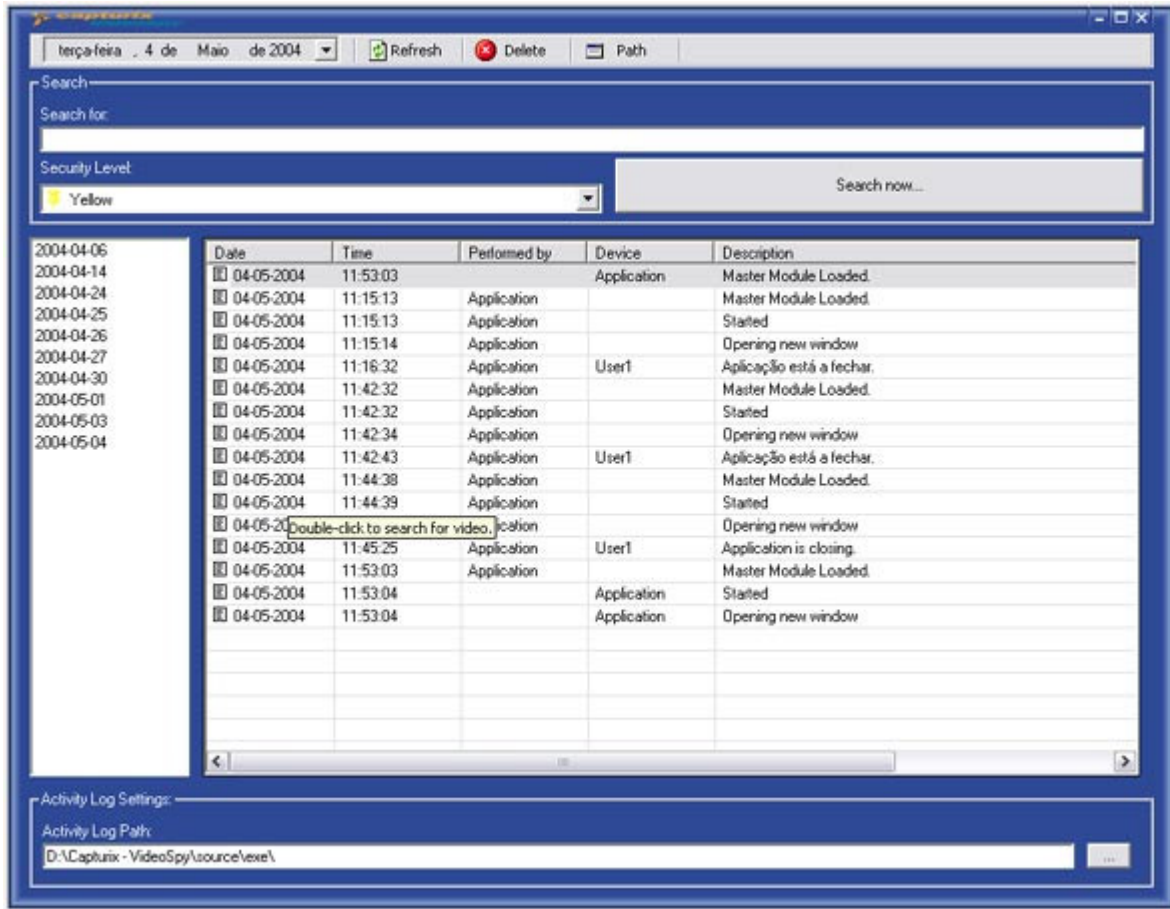
This will appear after you press Build AVI button, now you can choose the compressor you want to use, after you press OK the application will begin creating the file.

Activity Log

To view the Activity Log from the video device window, just press the activity log button.



You can also access the Activity Log from the system tray menu.



Activity Log

The activity log is a feature that records all Capturix VideoSpy activity, user interaction, system events, I/O states, and many more.

To see the activity log of any date just select the date on the top left menu and you will see the activity log.

Activity Log Settings

You can change the activity log settings on Capturix VideoSpy master settings window (see Application Settings)

Event Level

All actions are classified with a numeric value 0-5 this helps you to see what was the most important events

See images by event

If you want to see images from a related event (Motion detector from a camera) just double-click the item if there is any image recorded you will get a Media Viewer with this images.

Refresh

This will refresh the entries on Activity Log

Delete

Ables you to delete the activity log files from the disk

Path

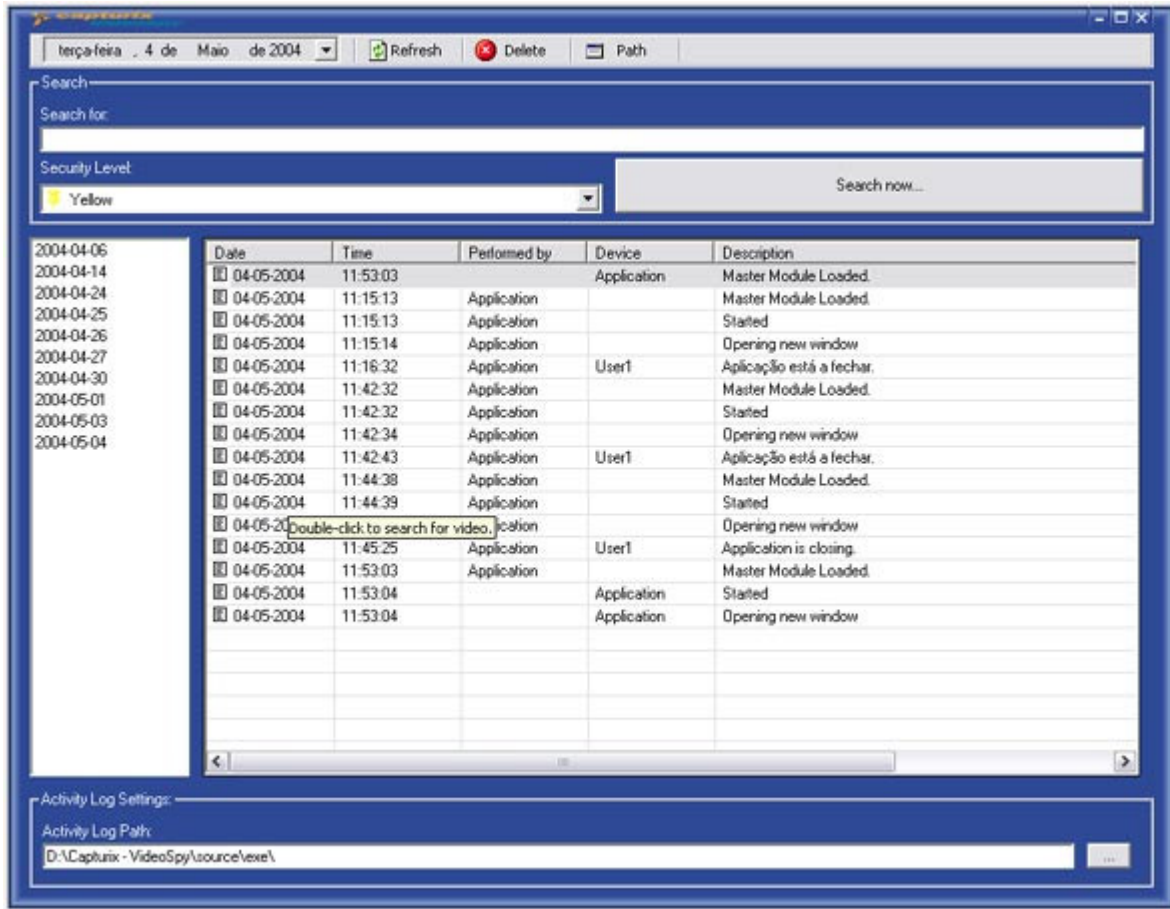
Ables you to select the location of the activity log files.

Activity Log

To view the Activity Log from the video device window, just press the activity log button.

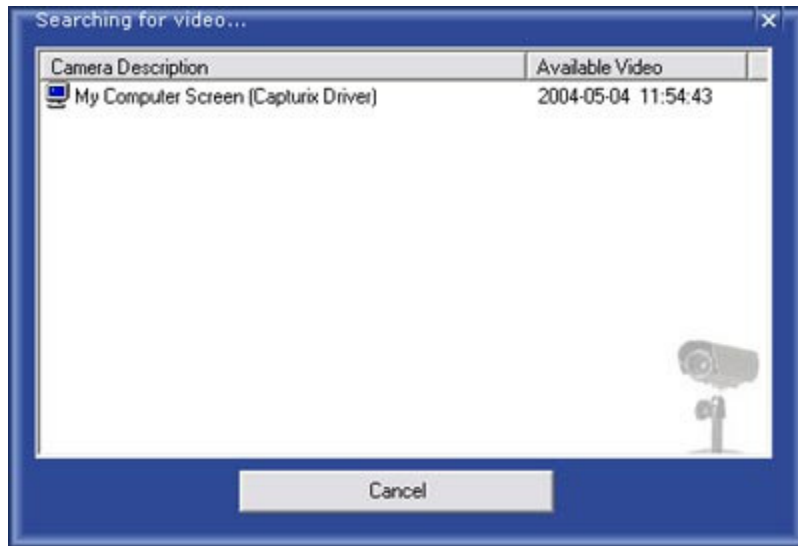


You can also access the Activity Log from the system tray menu.



Double-click on the item

After you double-click the activity log items you will get another window, that is a video searcher:



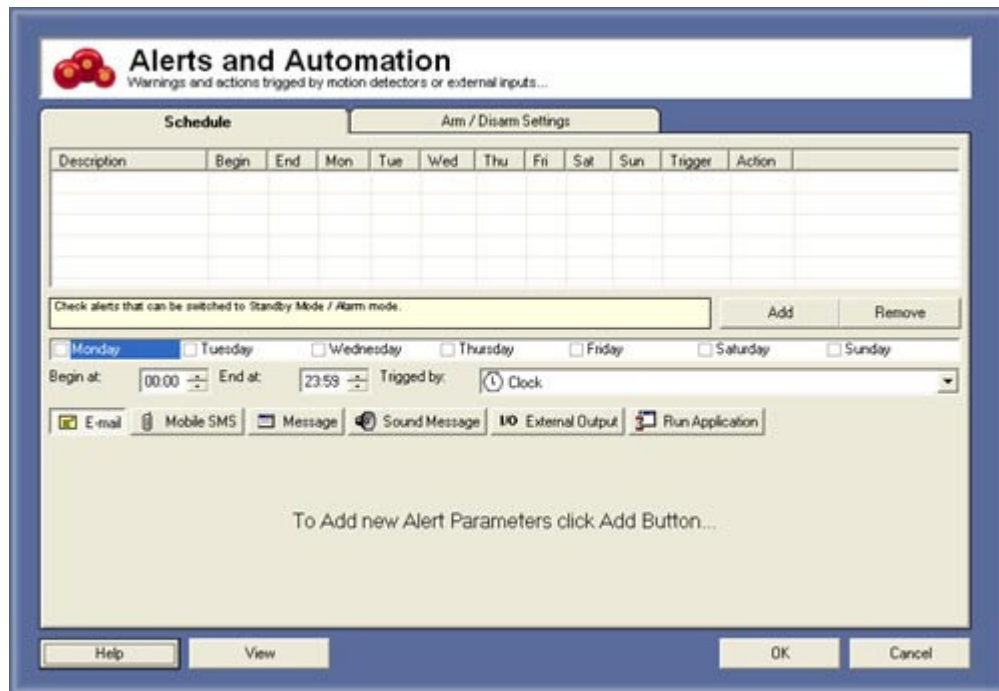
This window will display the available video close to the date of the item you choose, to see the video just double-click the camera you choose.

Alerts and Automation



Activity Log
Alerts and Automation
Sound Recording and Det...

To access the Alerts and Automation configuration: System Tray Menu >> Alerts and Automation.



What is Alerts and Automation feature ?

Alerts and Automation enables you to respond to events with other action, for example: send a e-mail when motion is detected or turn the lights off when temperature is high.

Give a sound alert when sound is detected.

Trigger types:

- Motion detection of every connected camera
- Clock (if you want to schedule one event, eg: turn lights on every morning)
- Sound Detection
- External Hardware inputs (up to 100.000 inputs)

- Power failure (UPS required)
- No video (special video capture card needed)
- System Multifunction (if the system crash) - **ONLY on Enterprise Edition**

How to create alert event:

- 1.** Press **ADD** button
- 2.** Select the added item
- 3.** Choose the weekdays that this event will be active
- 4.** Check the item **if you allow to turn off with the main menu Arm / Disarm button**
- 5.** Choose the begin time that this event will be active
- 6.** Choose the end time that this event will be deactivate
- 7.** Select the trigger for this event (see **Trigger Types**)
- 8.** Choose the **Alert types**

Press OK to confirm and leave the configuration window.

Alerts and Automation



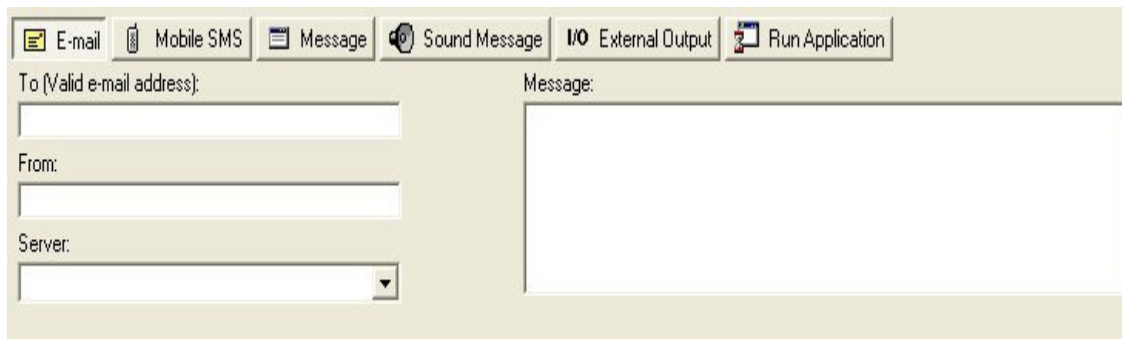
To access the Alerts and Automation configuration: System Tray Menu >> Alerts and Automation.

E-mail:

This will send a e-mail when the alert is activated.

Server is the SMTP server of your ISP. eg: mail.yourisp.com

See your Outlook settings.



For Versions higher than 2.0 or 1.9

For the latest version you can choose server authentication and attachments options.

to add an attachment on the e-mail you can include a camera image by choosing the camera.

Mobile SMS:

This will send a text message to your mobile phone when the alert is activated.

To have this service you must subscribe one of the operators listed on Settings window.

Number must have 00<country code> <phone number>

The screenshot shows a software interface with a menu bar containing 'E-mail', 'Mobile SMS', 'Message', 'Sound Message', 'I/O External Output', and 'Run Application'. The 'Mobile SMS' menu item is selected. Below the menu bar, the window title is 'SMS Text Message:'. There is a large text input field. Below it, there are two smaller input fields: 'Phone Number:' and 'From:'. The 'Phone Number:' field contains the text '00<country code><mobile number>'. The 'From:' field contains the text 'This service require SMS service subcription...'. A blue link labeled 'See more' is located at the bottom right of the window.

Message:

This will send a message to the screen when the alert is activated.

You can set a sound beep when the window appear.

The screenshot shows a software interface with a menu bar containing 'E-mail', 'Mobile SMS', 'Message', 'Sound Message', 'I/O External Output', and 'Run Application'. The 'Message' menu item is selected. Below the menu bar, the window title is 'Message:'. There is a large text input field. Below it, there is a checkbox labeled 'Play a sound' which is currently unchecked.

Sound Message:

This will play a sound file when the alert is activated.

You can choose a sound file (.WAV) from your hard-disk or record one pressing Record and Play to verify the audio file.

The screenshot shows a software interface with a menu bar containing 'E-mail', 'Mobile SMS', 'Message', 'Sound Message', 'I/O External Output', and 'Run Application'. The 'Sound Message' menu item is selected. Below the menu bar, the window title is 'Sound Message:'. There is a text input field labeled 'Location:'. To the right of this field is a 'Browse' button. Below the 'Location:' field, there are two buttons: 'Record' and 'Play'.

I/O External Output:

This will activate a Output (from external hardware, like X10) when the alert is activated.

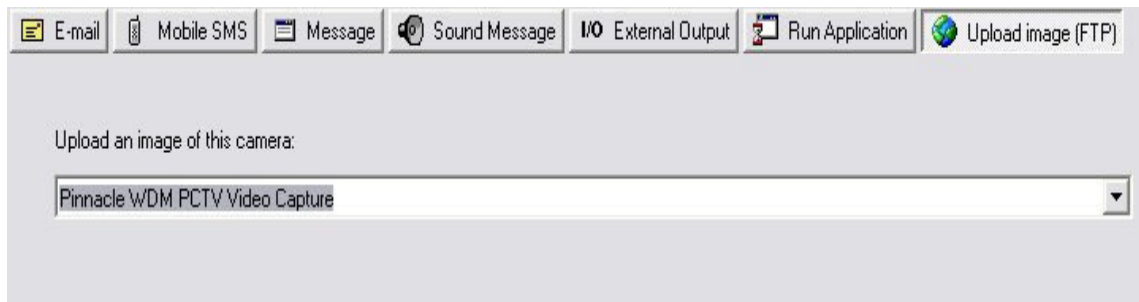
On external out will appear a list of installed outputs, you must set the state of the output after activated and if you want the time that this state will remain.

Imagine if you want to control a Siren, you must select a 30 seconds of On state.



Upload FTP Image:

This will upload an image from a camera to a FTP server, the FTP server is configured on the device configuration.



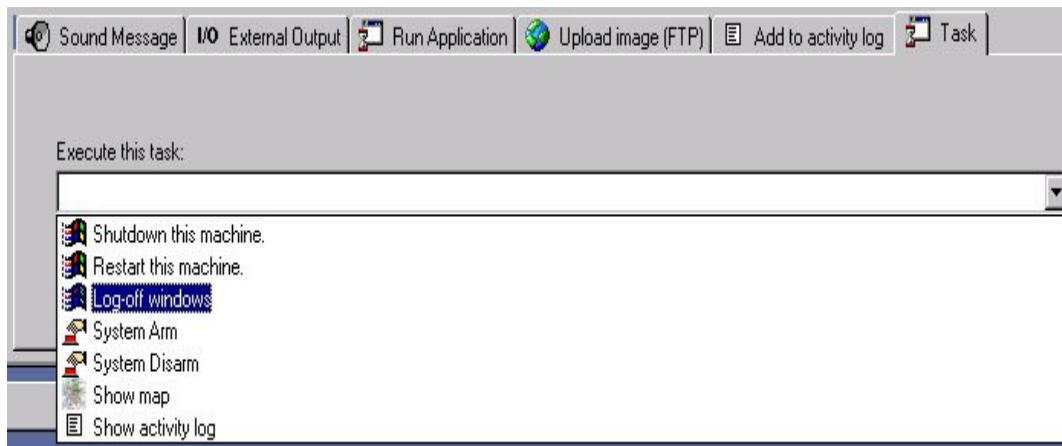
Add to Activity Log:

This will write on the Activity Log a description and a importance level, that is a numeric value (0..5) or other 3 color levels to user have a better search levels.

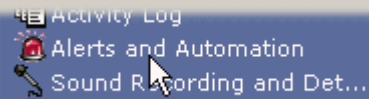


Tasks:

This will perform some operations on the software or on the operating system, for example you can restart the application if the computer receive a system malfunction event..

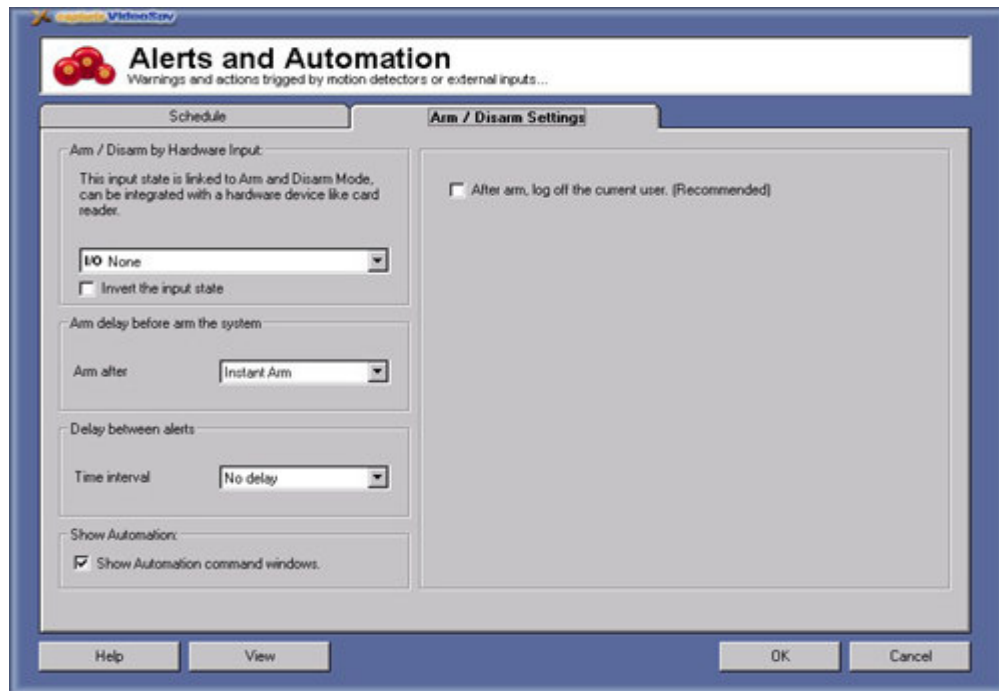


Alerts and Automation



Activity Log
Alerts and Automation
Sound Recording and Det...

To access the Alerts and Automation configuration: System Tray Menu
>> Alerts and Automation.



Arm and Disarm settings

This settings allow you to have a arm / disarm input .

Arm/Disarm alerts means that you can temporary turn off the alerts that you check on schedule.

This ables you to program the Away and Home functions like a standard Security console.

Arm delay before arm the system:

This feature ables you to give a delay for the system be armed, eg: if you want to have time to exit the room.

Delay between alerts:

This feature prevents for each time a alert event is triggered you receive a alert, eg. if you want to receive a e-mail for each motion detection you will receive a lot of e-mail if the motion detection is detecting motion, to prevent that you can set delay of 1 minute, and only if there a motion on the next minute you will receive another e-mail.

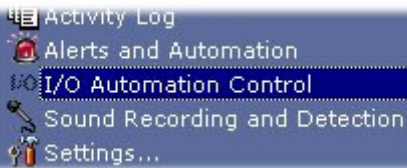
Show Automation command window:

This feature ables you to see all automation commands on a separated message window.

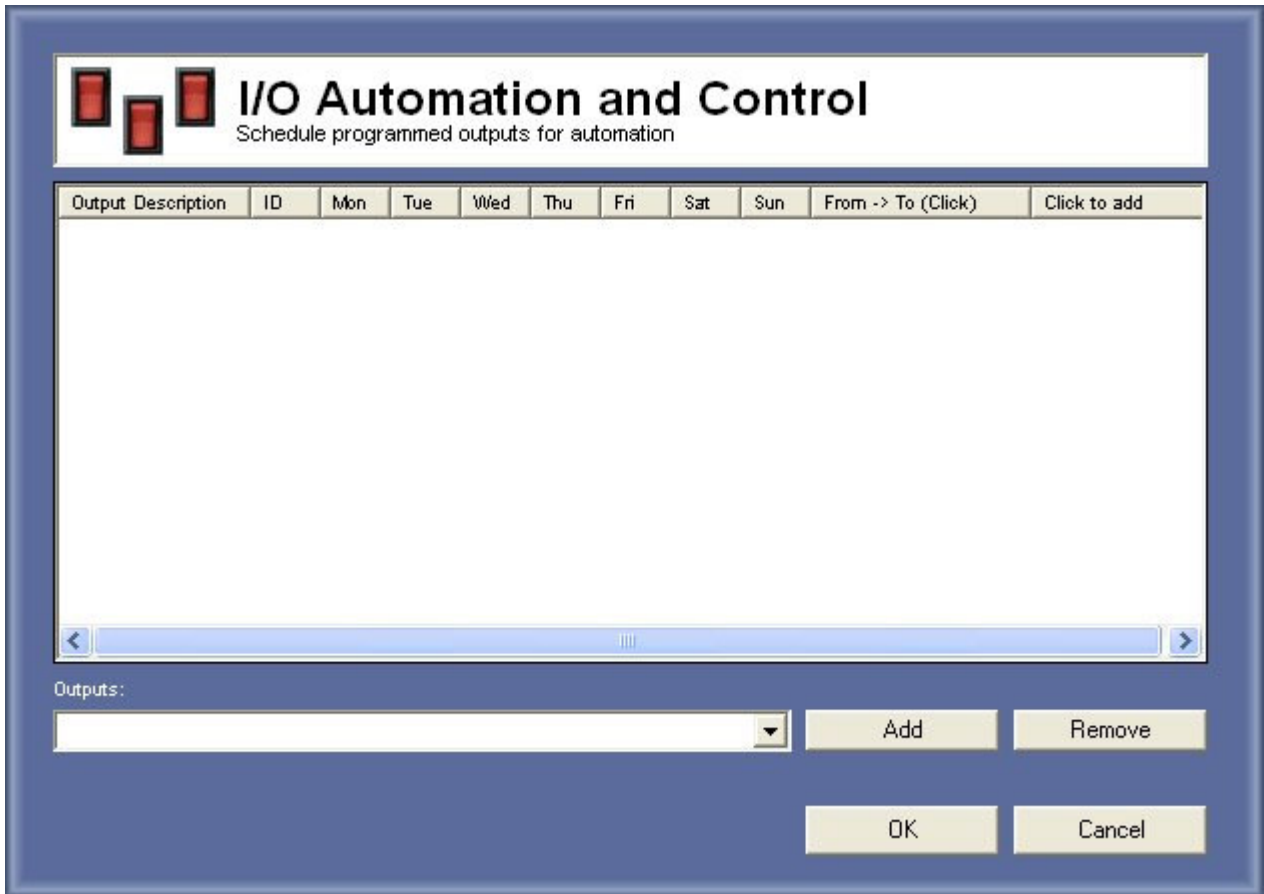
After arm, log off current user:

This option is recommended if you have more security on your system, after the system is armed it will be necessary to log in to change settings.

I/O Automation Control (only for Enterprise Edition)



To access the I/O Automation Control configuration: System Tray Menu >> I/O Automation Control.



I/O Automation Control

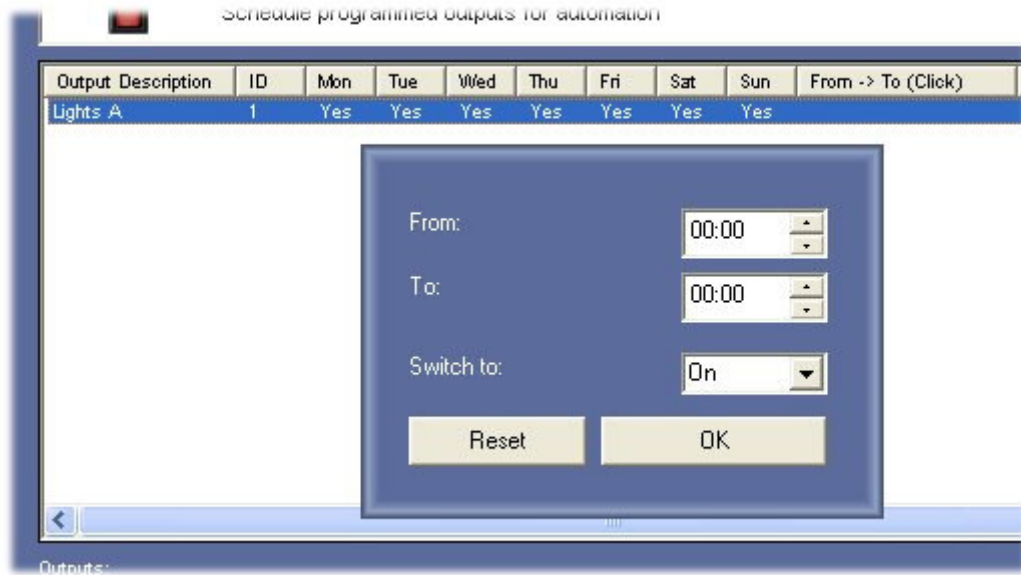
This feature enables you to control all outputs connected to the computer and program automation for them.

Applications:

- Turn on the lights everyday at 20h and turn off at midnight

How to program:

1. Select the output that you want to program:
2. Press add



3. Press On the From -> To column header to create a timer interval
4. Select From each hour and minutes you want to program the output
5. Select To each hour and minutes you want to program the output
6. Select the state of the output

Reset:

To clear the interval

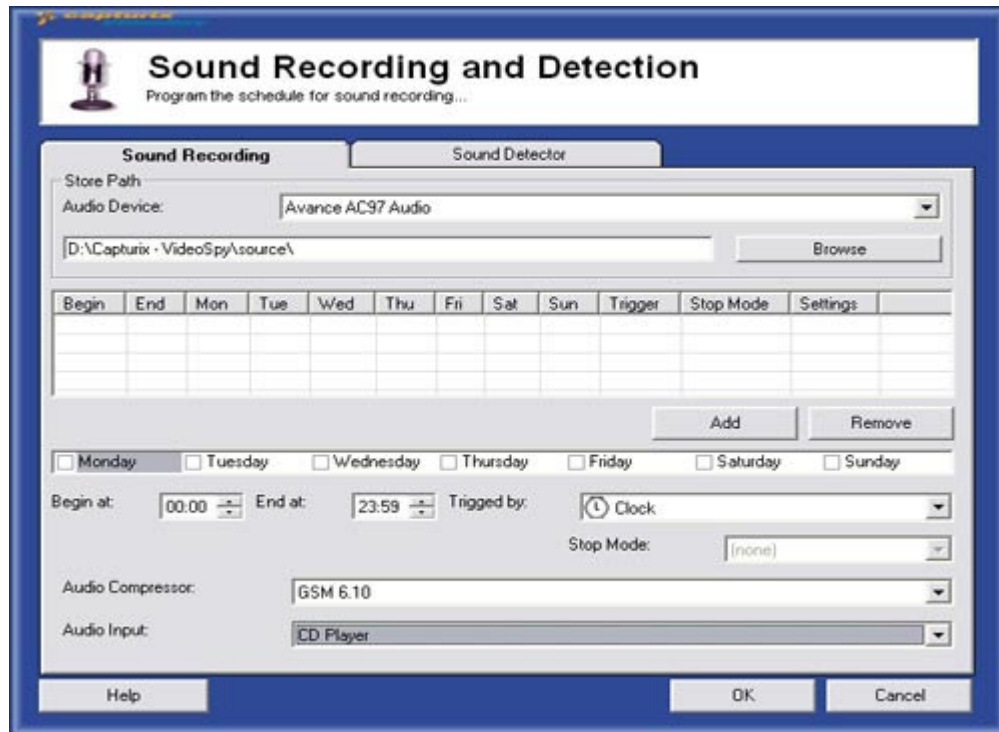
Optimization:

When you press OK on the I/O Control window all the parameters will be optimized.

Sound Recording

- Alerts and Automation
- I/O Automation Control
- Sound Recording and Detection
- Settings...

To access the Sound Recording and Detection configuration: System Tray Menu >> Sound Recording and Detection.



Sound Recording

Attention recording sound can require many disk space, because sound will be recorded without time lapse.

To record sound you can use any trigger from other modules like motion detection of the cameras.

You must select on Windows Audio Mixer the audio channel you want to record (e.g.: Microphone, Line-In).

Warning: There countries that have laws for Audio+Video Surveillance.

How to program:

1. Press Add button

2. Select Weekdays, begin and end hour.
3. Select Trigger that will start the audio recording.
4. Stop mode is the away that will stop the recording.

Select none, if you want to capture continuously

Audio Settings:

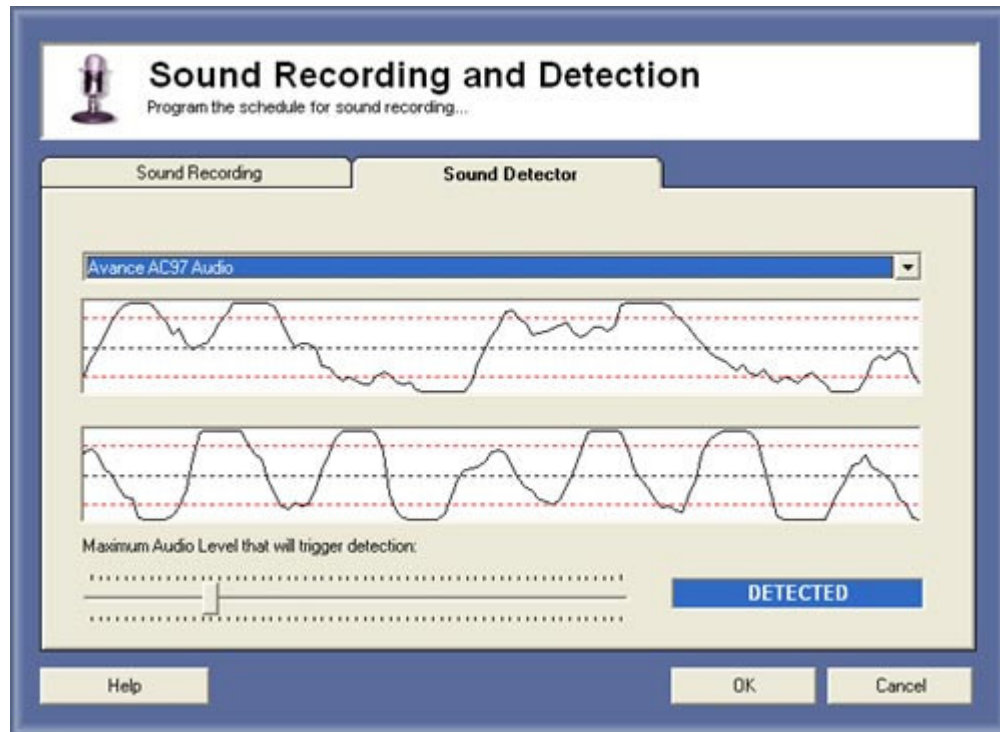
Compressor: (CODEC used)

Input: (card input)

Sound Detection

- Alerts and Automation
- I/O Automation Control
- Sound Recording and Detection
- Settings...

To access the Sound Recording and Detection configuration: System Tray Menu >> Sound Recording and Detection.



Sound Detection

Sound detection is a way to determine a maximum of noise, if the sound goes higher than the limit the detection will trigger all automation or/and recording programmed based on sound detection.

Applications:

- Breaking glass detection
- Scream detection

Setup:

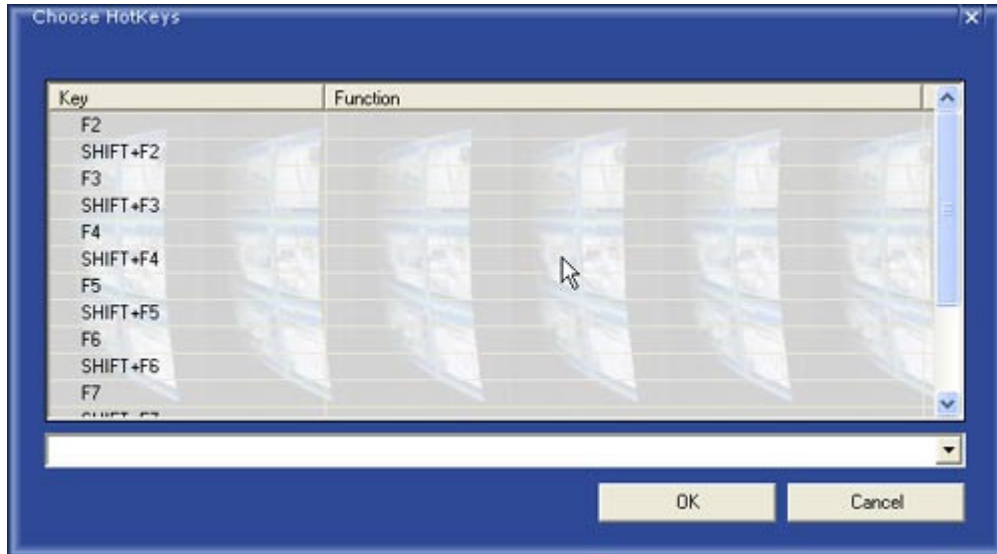
1. Select the Audio Capture Device to use.

2. Adjust the limit of noise, red lines will indicate the limit.

Hot Keys

- Settings...
- Hot Keys...
- Switch User / Login

To access the hot Keys Menu Options configuration: System Tray Menu >> Settings >> Hot Keys.



Hot Keys

You can program the hot keys to perform instant operation, example: "Create a AVI", "Turn on/off lights", etc...

To select the hot keys functions just click on the key you want to program and choose the operation on the combo box below the hot key table.

Remote Administration

To access Remote Administration settings, just go to System Tray and click VideoSpy icon

What is remote administration ?

Capturix VideoSpy have a internal web server that ables user to access the video surveillance system from any browser in any part of the world.

You can use a Modem connection (creating a VPN dial-up server) or ADSL permanent connection.

Web Administration Server Settings

Enable Web Administration Server

Maximum Connections: 0 Port: 1001

All cameras page refresh: 5 sec

Enable IP Poster

Filename: [%IP, %PORT will be replaced] Upload every: 6 hour

D:\Capturix - VideoSpy\source\exe\myip.htm Browse

FTP Server: Port: 21

Username: Password: Remote Filename: ip.htm

Directory:

Enable MyCapturix Service Dial default connection if offline

http://www.capturix.net/ Password: Register or Check if this URL is already in use

OK Cancel

Web Server:

You must enable the web server to start the service.

Port - The port is the number of the listening port that user use to enter on the system, by default the port used is 1001, if you want to access without entering any port number on browser, change to 80 (default port for browser).

For ports different than 80, you have to enter a address like:

http://<IP of the server>:<**PORT**>/ example
http://100.220.145.2:1001/

For port configured using 80, you have to enter a address like:

http://<IP of the server>/ example
http://100.220.145.2/

Maximum Connections - Is the number of the simultaneous connections handled by the web server, this is used to secure the logged users.

PDA & Mobile Phones Access:

Some phones and PDA's do not support standard login pages, for that you must use:

http://<IP of the
server>[:port]/\$openlogin/<username>/<password>/

That will make a automatic login on the server.

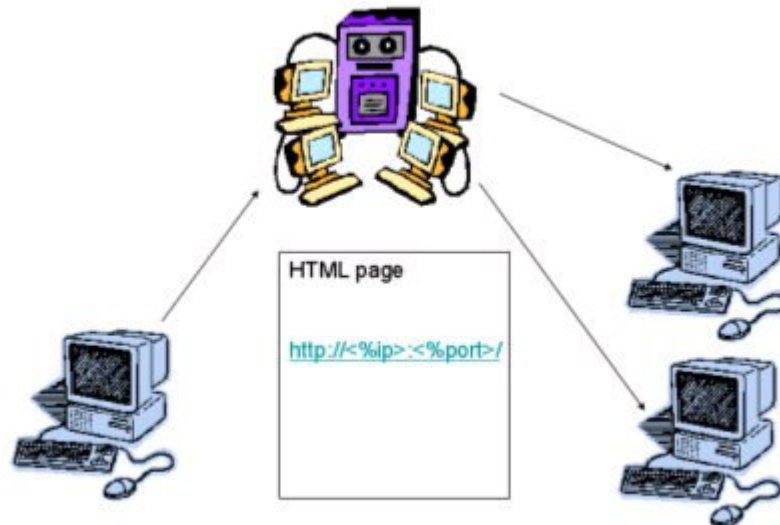
All cameras refresh page

This option sets the time of each refresh on All cameras page.

IP Poster

This option ables user to post a dynamic ip of the computer to be accessed remotely by other computers.

With this option you can send a HTML page to a FTP server each period of time:



Filename - The local file that contains the HTML page to be send. The %ip and %port will be replaced by the computer ip and server port

Upload every - Adjusts the time interval between uploads

Username, Password - The FTP account user details

FTP Server and Port - Address of the remote FTP server

Remote Filename - The name that the file will have on the server

Directory - Remote directory on the FTP server

MyCapturix Service: (only for Enterprise Edition)

This feature enables you to access your surveillance software through internet using a xDSL, CABLE MODEM or broadband connection. This will post your ip on Capturix Servers, and you just need to enter on browser:

www.capturix.net/your chosen name.

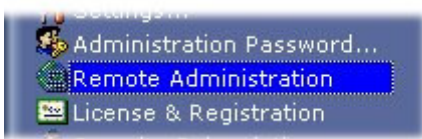
1. Choose a name to be the address and a password of that address, press the register button to register the address and to verify if is available.

2. Enable the service and press ok.

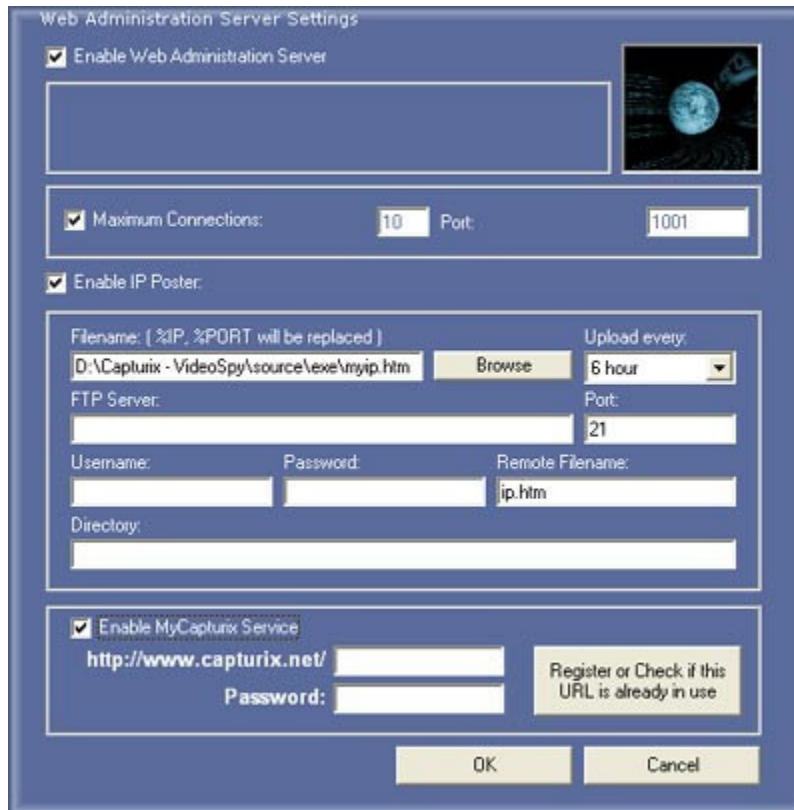
That address will be registered and you can access your computer any time.

Remember that your computer and this software must be running to be available.

IP Poster



To access the Alerts and Automation configuration: System Tray Menu >> Remote Administration.



IP Poster

This feature enables you to publish your dynamic IP address in a website, with this feature you can access your computer from the internet without fixed IP (used with Cable Modems, ADSL).

You just need a website (like free homepage services) with FTP access.

See on \Capturix VideoSpy\WebAdmin\Secure\ipposter.htm - > This page can be made by users the symbols %IP and %PORT will be replaced by the computer IP and Port.

Refresh time

This will be the time interval this page will be uploaded.

FTP Server, Port, Username, Password

Server account information

Remote file

Filename that will be saved on the remote server.

Directory

Directory on the server. (leave empty if you want to write on root).

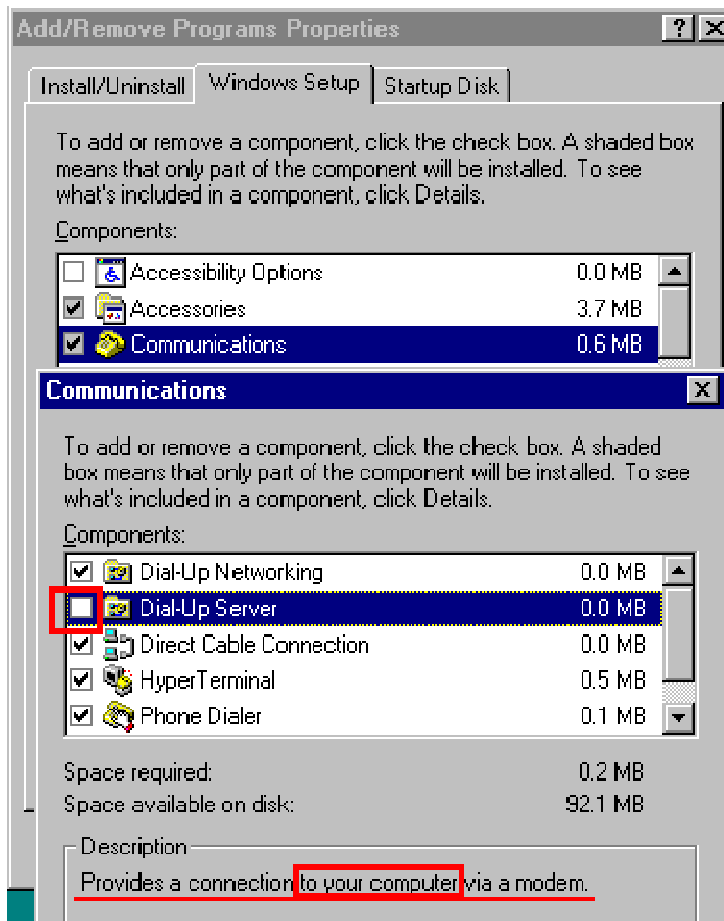
Using Dial-Up

How to setup the Dial-Up Server Receive Calls

To allow users to access Capturix VideoSpy remote administration, using a Browser over a phone line you need to activate the Windows Dial-Up Server, this service is available in Windows 98 or higher and its available for Windows 95 on Microsoft site.

Microsoft Information: <http://support.microsoft.com/default.aspx?scid=kb;EN-US;q139710>

Using Windows 9x:



Windows 95

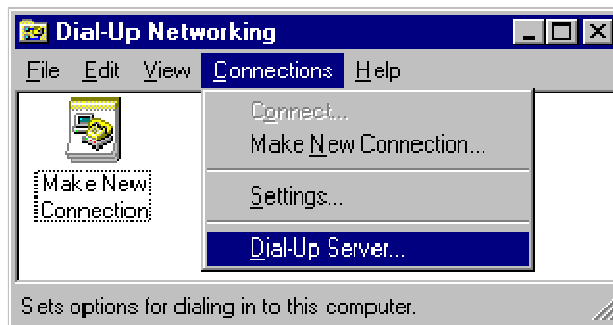
1. Double-click **My Computer** .
2. If there is a Dial-Up Networking folder in My Computer, Dial-Up Networking is already installed. Skip to the "To install the Dial-Up Networking Server Component" section. If there is no Dial-Up Networking folder, continue with these steps.
3. Click **Start** , point to **Settings** , click **Control Panel** , and then double-click the **Add/Remove Programs** icon.
4. On the **Windows Setup** tab, click **Communications** in the **Components** box, and then click **Details** .
5. Click to select the **Dial-Up Networking** check box, and then click **OK** .
6. Click **OK** .

Windows 98/Me

1. Click **Start** , point to **Settings** , click

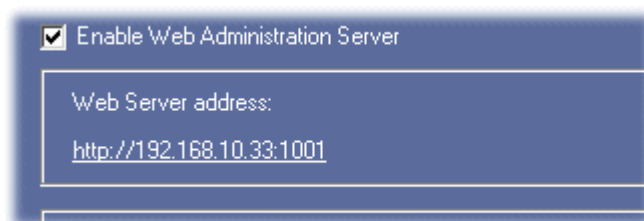
Control Panel , and then double-click the **Add/Remove Programs** icon.

2. On the **Windows Setup** tab, double-click **Communications** .
3. Click to select the **Dial-Up Networking Server** or **Dial-Up Server** check box, and then click **OK** .



To configure a computer to be a Dial-Up Networking server, follow these steps:

1. In **My Computer** , double-click the **Dial-Up Networking** folder.
2. On the **Connections** menu, click **Dial-Up Server** .
3. Click **Allow Caller Access** .
4. If you want to require remote users to enter a password when they connect to your computer by using Dial-Up Networking, click **Change Password** , and then type the password you want to use.
5. Advanced Settings:
Type of Connection: PPP: Windows.....
6. Click **OK**



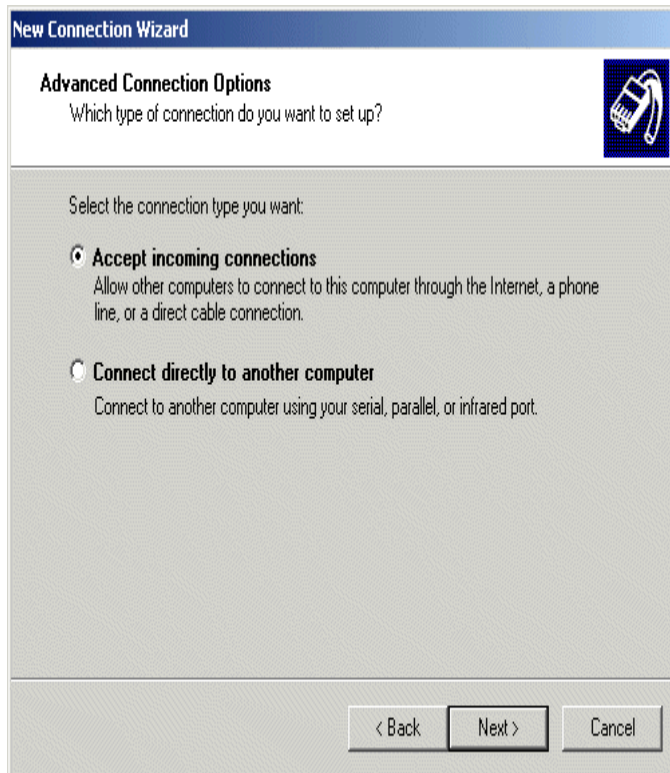
Now your computer is available for remote access through a phone line:

1. In **Capturix VideoSpy** , click on **Tray Menu** , **Remote Administration** .
2. Enable **Web Administration** .
3. Your access address will be the **Web Server address** or the **computer name** : .

<http://192.168.10.33:1001/>

<http://<computername>:<port>/>

Using Windows 2000/XP:



To make an incoming network connection

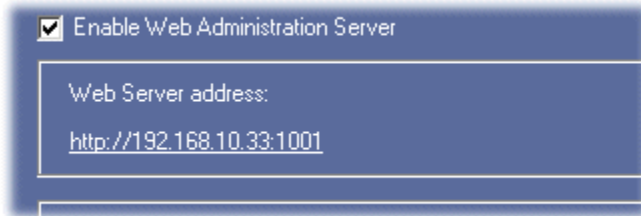
1. Open Network Connections.
2. Under **Network Tasks**, click **Create a new connection**, and then click **Next**.
3. Click **Set up an advanced connection**, and then click **Next**.
4. Click **Accept incoming connections**, click **Next**, and then follow the instructions in the New Connection Wizard.

Notes

- To open Network Connections, click **Start**, point to **Settings**, click **Control Panel**, and then double-click **Network Connections**.
- You must be logged on as a computer administrator to complete this procedure.
- If you make another incoming network connection, and you use the New Connection Wizard again, the existing incoming network connection is reconfigured.
- If your incoming connection and Fax Service have problems working together (for example, you cannot receive incoming connection calls on a device enabled for Fax receive), the modem may not support adaptive answer. Check your modem documentation to verify that you need to disable Fax receive for that device to accept incoming connections.
- Incoming connections are

only used for dial-up, VPN, or direct connection clients.

- Select TCP/IP Protocol



Now your computer is available for remote access through a phone line:

1. In **Capturix VideoSpy** , click on Tray Menu, **Remote Administration**.
2. Enable Web Administration .
3. Your access address will be the Web Server address or the computer name: .

<http://192.168.10.33:1001/>

<http://<computername>:<port>/>

How to setup the Dial-Up Server

Just create a new dial-up connection like a ISP internet connection, just put the number of the phone of the remote server.

Remote Administration

- Switch User / Login
- Remote Administration
- License & Registration

To access Remote Administration settings, just go to System Tray and click VideoSpy icon.

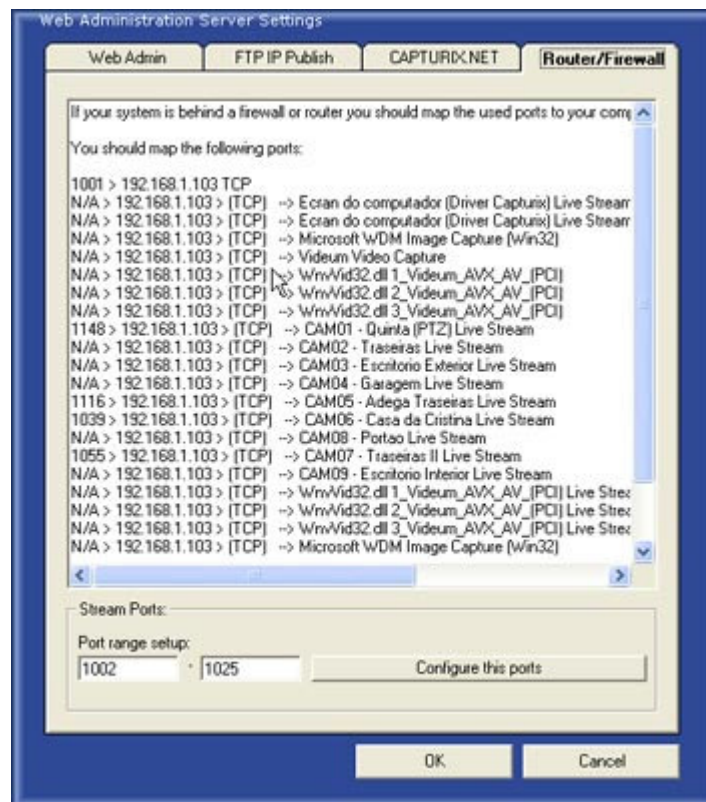
Routers/Firewalls

Capturix VideoSpy have a internal web server that ables user to access the video surveillance system from any browser in any part of the world.

If you are behind a router or a firewall you should configure this devices to allow the incoming/outcoming packets to this computer.

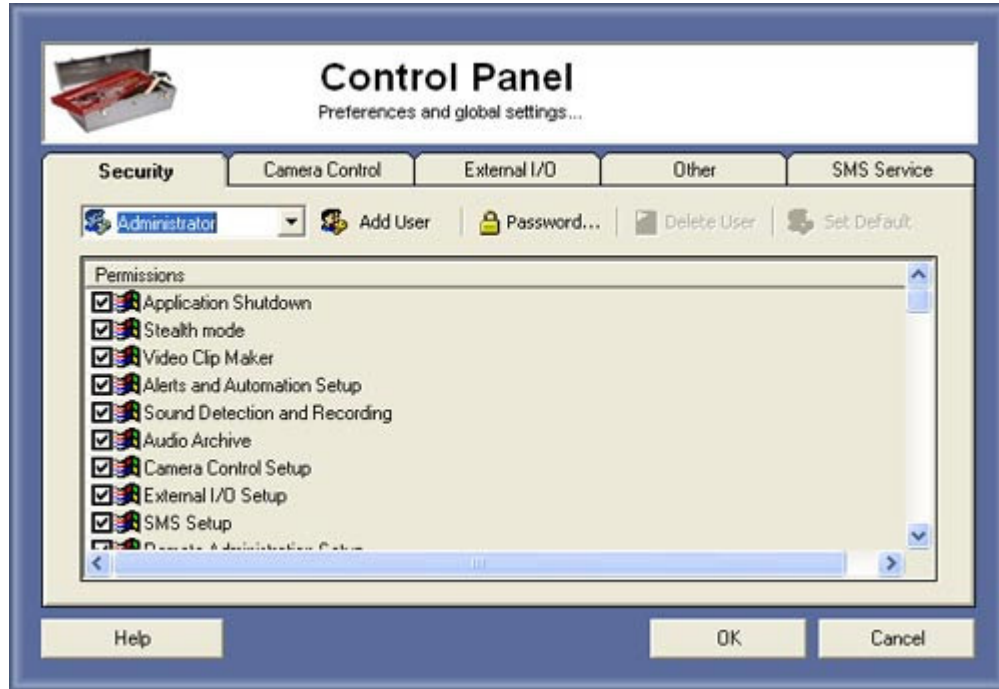
To help you configure the stream ports (Live transmission ports used by the software) you can access the list that you need to map on the router or firewall.

You can also setup a Port Range to be more simple to map all the ports.



Master Settings

To access the Master Settings configuration: System Tray Menu >> Settings.



Control Panel

This control panel handles all global settings of this software. Security, SMS settings, Hardware, Motorized cameras, etc are all adjusted on this window.

We recommend to protect the access of this window using the Security settings.

Security

To access the Security Options configuration: System Tray Menu >> Settings >> Security.

Enterprise Edition can handle unlimited accounts, internet edition can only have the same number of cameras license.



Security

This will configure new accounts, passwords and access permissions to software configurations.

Administrator have all permissions to access any kind of settings. But you can create more accounts to other persons.

We recomend to protect the access of this window using the Security settings.

Creating a new account

First you need to be logged as the administrator, than press on

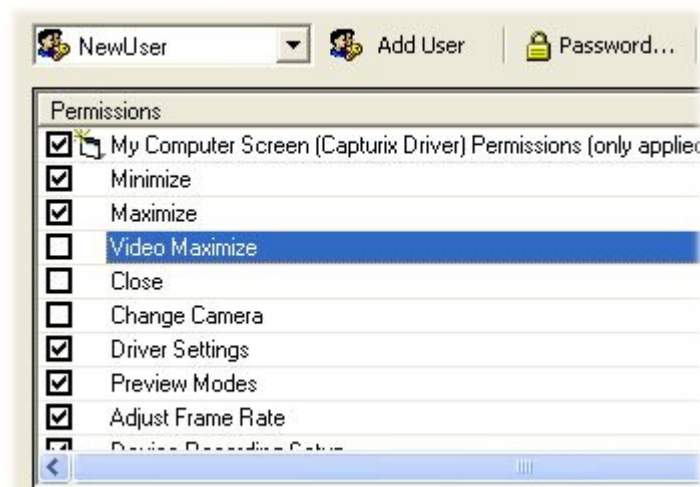


This will prompt a new window asking for the new account username:



After you click OK, the account will be created, the password of this account is the username. To change the password you must log as the new user and go to the same window press password and change the password.

Select the permissions:.



Modify Password

To modify the password of the logged account you must go to Settings window



and press select the username, and press



Choose the new password.

Delete Account

To delete an account you must go to Settings window logged as the



Administrator and press

and press



Set Default Account

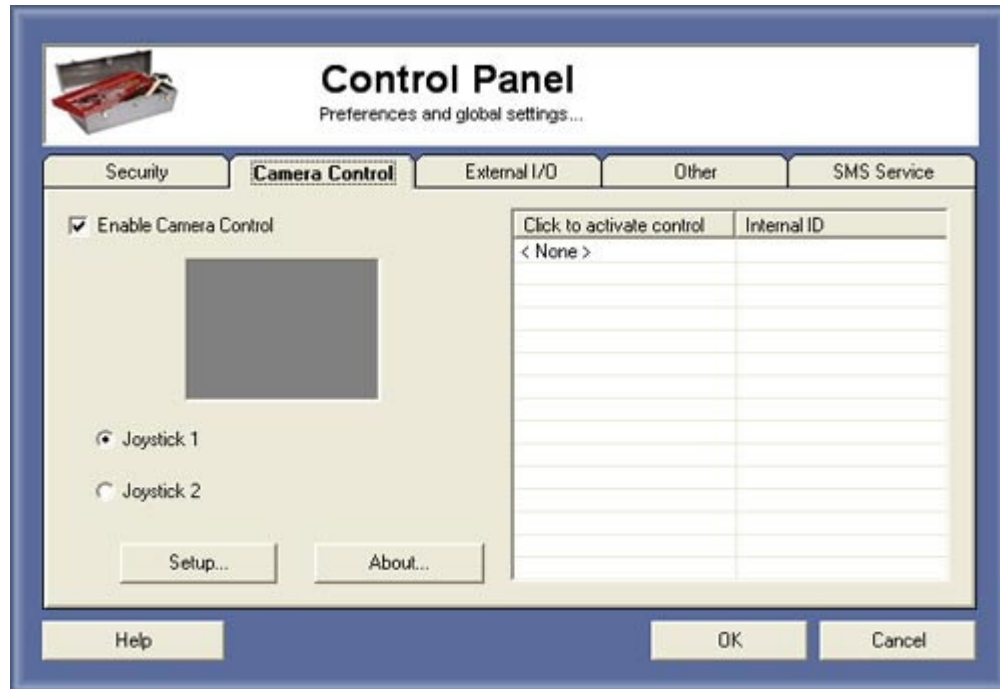
The default account is the account that will be logged when software starts without entering a password.

Administrator account cannot be set as default account.

Enterprise Edition can handle unlimited accounts, internet edition can only have the same number of cameras license.

Camera Control

To access the Security Options configuration: System Tray Menu >> Settings >> Camera Control.



Camera Control

This feature gives the possibility to control PTZ (Pan/Tilt/Zoom) cameras with a simple joystick, Capturix Open source drivers are available for developers.

Administrators have all permissions to access any kind of settings. But you can create more accounts for other persons.

We recommend to protect the access of this window using the Security settings.

Enable Camera Control

First you need to choose the Joystick number you want to control all motorized cameras, you have a grey test area to test the joystick movements.

On the right list will appear all cameras available by the camera drivers.

Setup/About buttons

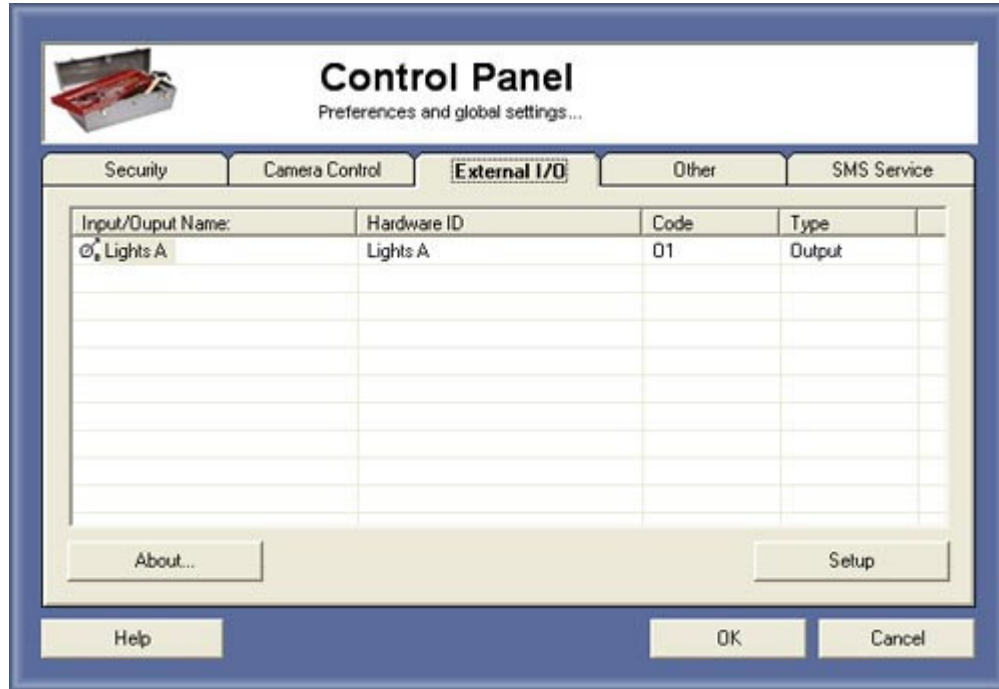
This buttons will open the drivers windows. (different from driver to driver).

How to control the camera

Just click on the window and move the joystick, remember to set camera control output on the Device Configuration on window.

External I/O

To access the Security Options configuration: System Tray Menu >> Settings >> External I/O.

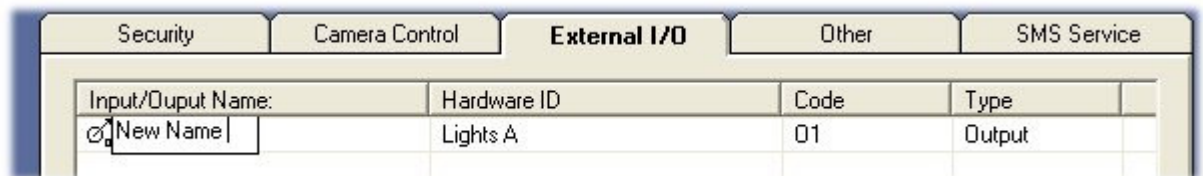


External I/Os

This feature enables you to control inputs and outputs like: sirens, lights, motion detector sensors, gas sensors, etc..

Edit Input/Output names

Just click on the description name, and edit the name of that input/output. If you don't write a new description the main description from the driver will appear.



Setup

The dialog for this button is depends from the driver installed.

Other Settings

To access the Other settings configuration: System Tray Menu >> Settings >> Other settings.



Sound Detection

This enables you to turn on/off the sound level detection, if your computer does not have a high performance this must be turned off.

Application Core Port

This setting should not be changed. Is only for Advanced or Developer users.

Default Skin

This settings will determine the global appearance of the application, attention that you must restart the software after change the default skin, on OEM versions this option is disabled.

Start Mode

Here you can select to start when operating system (Windows) starts..

And you can set to turn off the computer when you leave the application. (used on dedicated systems).

SMS Service

To access the SMS service configuration: System Tray Menu >> Settings >> SMS service



SMS Service

This feature ables you to send mobile short messages to your mobile phone through internet..

This service must be subscribed to a third-party operator.

Configuration

Choose the operator you subscribed and enter the account and password that the operator give you.

After you press ok you can now send messages.

Credits button ables you to see the remaining credit.

Screen Saver

To access the Screen Saver configuration: System Tray Menu >> Settings >> Events



Screen-Saver

If you want that this software moves the mouse to disable the screen saver when a event is trigger you can choose the 3 options:

- Any Motion detection.
- Alerts events
- Sound detection

Master Menu Types

To access the Master Menu Options configuration: System Tray Menu >> Settings >> Master Menu.



Master Menu

You can select the position of the master menu, by selecting 3 different types of modes:

- Windows Taskbar, To see the menu you just click on the system tray icon (DEFAULT)
- Screen Top, This will create a bar and when the mouse moves over the area this will show the menu.
- Screen Top, This will create a bar and when you click on that bar will display the menu

Action Board

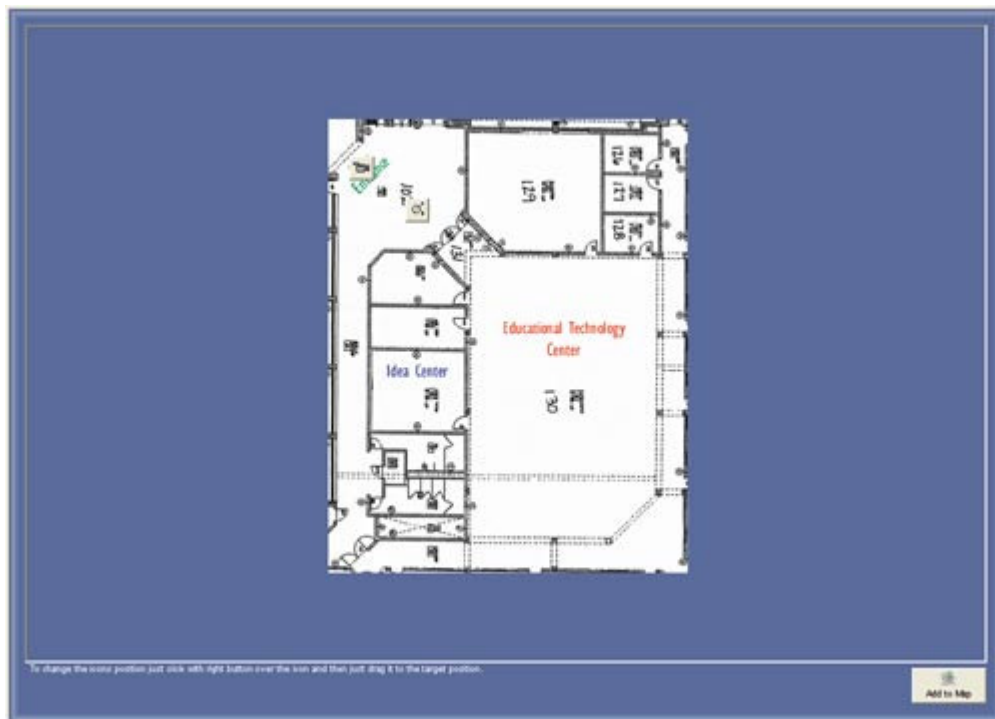


To access the Alerts and Automation configuration: System Tray Menu >> Show Action Board

for Enterprise edition only

Show Action Board

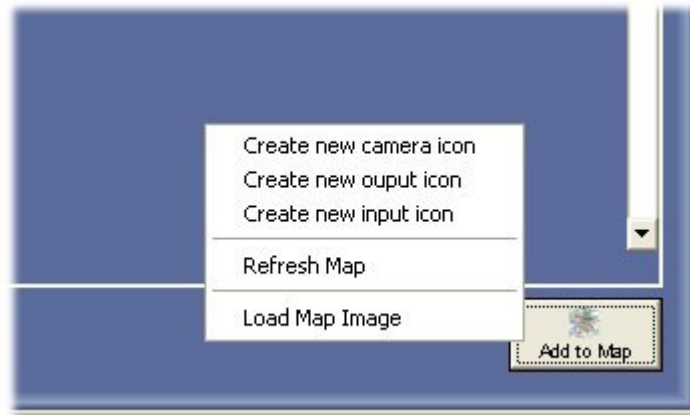
Action board is a feature that ables you to show a map of the facilities with dynamic icons of the cameras, ouputs and inputs, if there is a motion detection on a camera showed on map the icon will blink in a yellow color. The same for inputs.



Loading map image

First we must load a map image to the map window, eg: if you have a map on paper you can scan and have that on screen.

Press on the button "Add to Map" on the bottom right of the window.

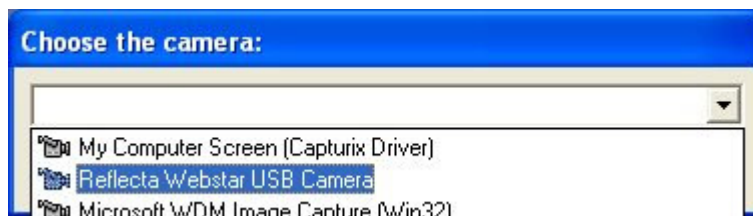


Select Load Map Image option to choose the filename of the map.

Adding icons to map window

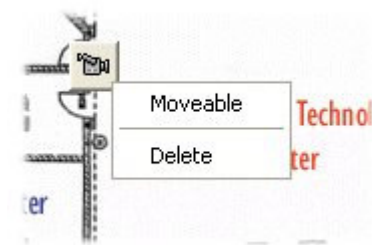
Press on the button "Add to Map" on the bottom right of the window.

Select Create new camera icon, output or input icon:



Moving and deleting icons

Press right button of the mouse and select Moveable or Delete to change the icon state.



Moving and deleting icons

Press right button of the mouse and select Moveable or Delete to change the icon state.

Then you just have to press the left button and move to the position that you want release the button.

Action Board

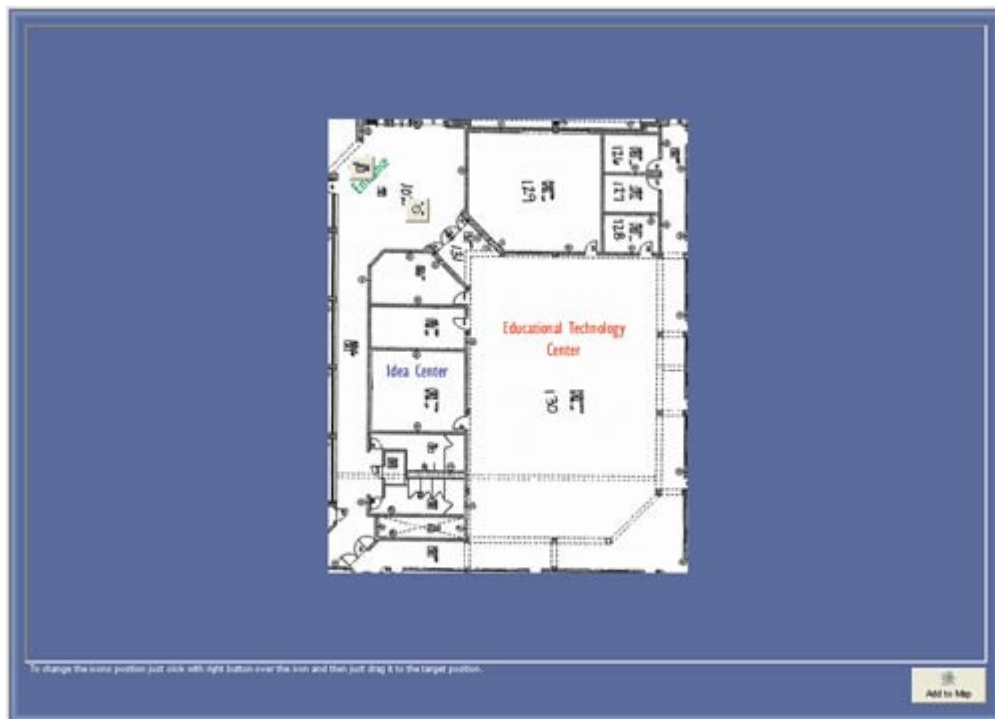


To access the Alerts and Automation configuration: System Tray Menu >> Show Action Board

for Enterprise edition only

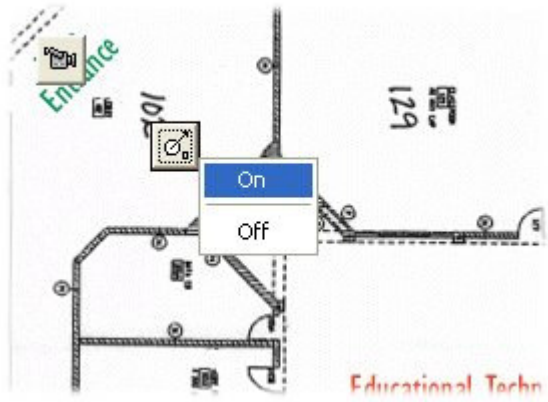
Show Action Board

Action board is a feature that ables you to show a map of the facilities with dynamic icons of the cameras, ouputs and inputs, if there is a motion detection on a camera showed on map the icon will blink in a yellow color. The same for inputs.



Switch on/off the outputs

Press the output button and select the state that you want.



Security Subscription

- Remote Administration
- License & Registration
- Security Subscription

To access the Security Subscription configuration: System Tray Menu >> Security Subscription.

The screenshot shows a dialog box titled "Security Subscription Account Configuration". It is divided into two main sections: "Configuration" and "Alert Events".

Configuration Section:

- Contains three input fields: "Username:", "Password:", and "Server Address:".
- There is a "Check for User Subscription" button with a computer icon.

Alert Events Section:

- Contains a list box with the title "Select the activation alerts that will trigger a remote alert".
- The list box contains one item: "Alert 1" with an unchecked checkbox.

Buttons:

- At the bottom, there are three buttons: "Help", "OK", and "Cancel".

Security Subscription

This feature enables Capturix VideoSpy/Capturix VideoSpy Enterprise users to subscribe to a third-party company of human security, and connect the system to their own system.

This enables the security company to receive the alerts from their customers and have remote access to images to see if it's a false alarm or to send the proper force to the place (e.g. Police call).

How to program:

After you subscribe the service the company will supply you a account, password and server settings, just fill the fields and press Check button to verify if your account is ok.

Selecting Alerts:

This software will only send alerts that you program and check on the Security Subscription window, eg: you can select only to send one alert to the security company, but you can have 30 alerts that are working locally.

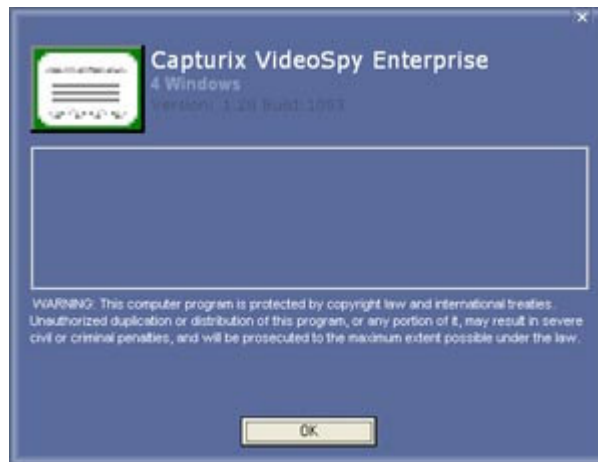
Security Subscription

- Remote Administration
- License & Registration
- Security Subscription

To access the License & Registration configuration: System Tray Menu >> License & Registration.

License:

This window will show the license that is installed on your computer.



Registration:

The Activation Key that you have received is your code to unlock the software that you have purchased, the key is a group of letters (eg: AAA-BBB-CCC-DDD-EE).

The complete the process you need to be connected to the internet, **ONLY** to enter the key, its **one time only**.

All capturix software will show a window like this at the beginning of the execution:



1. Enter the Activation Key on the fields AAA BBB CCC DDD EE

2. Then press Register button

After you press Register, your computer will request authorization to use that key.

Your software is now unlocked.

How to terminate VideoSpy ?



To shutdown VideoSpy just click on system tray icon and select shutdown.

Shutdown

If you shutdown VideoSpy you will exit the application, all security operations performed by Capturix VideoSpy will be disabled.

This operation must be done using this menu, NEVER terminate the application from the Task Manager to prevent loss of configuration.

License types

Feature	BASIC License	PLUS License	QUAD License	PRO License	ENTERPRISE License
Number of cameras	1	4	4	8	Unlimited
Max. Recording Frame-Rate (The performance depends from the CPU speed)	10 FPS	10 FPS	30 FPS	30 FPS	30 FPS
Video Capture Devices (WDM/FEB/VFW)					
Network Cameras (HTTP/JPEG)					
Color System	All	All	All	All	All
Cameras Descriptions: (Rename/Delete/Add functions available)					
Video windows functions	Minimize, Maximize, Video Maximize				
Independent Configuration per camera					
Independent Skin appearance per camera					
Instant Freeze function	Yes (with image export, print, digital zoom)				

Feature	BASIC License	PLUS License	QUAD License	PRO License	ENTERPRISE License
Video Recording					
Schedule Items	Unlimited (frame-rate can be variable by each item)				
Common Recording Items					
Recording Triggers	Clock, Motion Detection, Sound Level Detection or any other External Input available*				
Common Recording Items	from 10 fps to 1 frame per 99 seconds		from 30 fps to 1 frame per 99 seconds		
Schedule Items	Unlimited (frame-rate can be variable by each item)				
Format	MutiJpeg / MultiBMP / AVI Encoding				

Adjustable Compression	✓	✓	✓	✓	✓
Adjustable Resolution	✓	✓	✓	✓	✓
Resolution can change	✓	✓	✓	✓	✓
Data On Video	✓	✓	✓	✓	✓
Date	✓	✓	✓	✓	✓
Time	✓	✓	✓	✓	✓
Text	✓	✓	✓	✓	✓
Status	✓	✓	✓	✓	✓
RS-232	⊘	⊘	✓	✓	✓
POS Integration	⊘	⊘	✓	✓	✓
Space Manager	✓	✓	✓	✓	✓
Hide Video Files	⊘	⊘	✓	✓	✓
Feature	BASIC License	PLUS License	QUAD License	PRO License	ENTERPRISE License
Motion Detection					
Motion detector zones	1	1	25	25	25
Adjustable sensivity	✓	✓	✓	✓	✓
Window on top if motion detected	✓	✓	✓	✓	✓
Record before motion detection up to 2 mins	⊘	⊘	✓	✓	✓
Webcam					
Automatic FTP Upload	✓	✓	✓	✓	✓
Dynamic IP Support	✓	✓	✓	✓	✓
Viewer					
Viewer while recording	✓	✓	✓	✓	✓
Search by event	✓	✓	✓	✓	✓
Search by date	✓	✓	✓	✓	✓
Fast Play	✓	✓	✓	✓	✓
Frame by Frame	✓	✓	✓	✓	✓

Track bar: 1 hour = 1 step	✓	✓	✓	✓	✓
Digital Zoom (22x w/Smoothing)	✗	✗	✓	✓	✓
Image Exporting	✓	✓	✓	✓	✓
Direct Print	✓	✓	✓	✓	✓
AVI Builder	✓	✓	✓	✓	✓

Feature	BASIC License	PLUS License	QUAD License	PRO License	ENTERPRISE License
Activity Log					
All actions recorded	✓	✓	✓	✓	✓
Export Functions to CSV files	✓	✓	✓	✓	✓
Search functions by date	✓	✓	✓	✓	✓
Search by level	✓	✓	✓	✓	✓
Search by available video for specific event	✗	✗	✓	✓	✓

Alerts and Automation



Arm/Disarm	✓	✓	✓	✓	✓
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Arm/Disarm by Hardware (eg: card)	✓	✓	✓	✓	✓
Feature	BASIC License	PLUS License	QUAD License	PRO License	ENTERPRISE License
Sound Recorder and Detection					
Schedule	✓	✓	✓	✓	✓
Triggers	Same of cameras triggers				
Compression	✓	✓	✓	✓	✓
Adjustable sound level detection	✓	✓	✓	✓	✓
Feature	BASIC License	PLUS License	QUAD License	PRO License	ENTERPRISE License
GPS - Global Position System					
GPS Integration for Mobile Applications	✓	✓	✓	✓	✓
Configuration Backup Utility					
Backup/Restore configuration utility	✓	✓	✓	✓	✓
Feature	BASIC License	PLUS License	QUAD License	PRO License	ENTERPRISE License
Web Administration					
Web Server	✓	✓	✓	✓	✓
Dynamic IP (capturix.net)	✗	✗	✓	✓	✓
IP via FTP	✓	✓	✓	✓	✓