

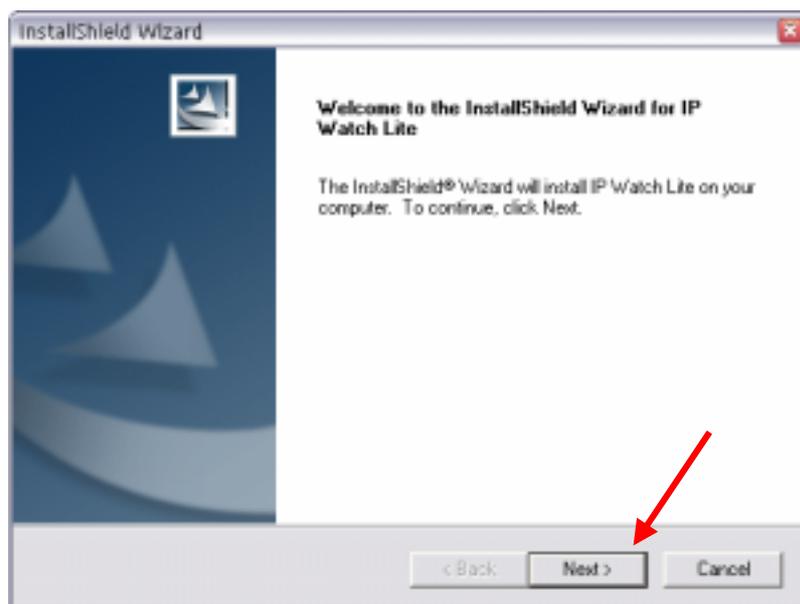
IPWATCH LITE

This chapter describes the IPWatch Lite, which is a powerful software application designed with a user-friendly interface for ease of control and navigation requirements.

Installation

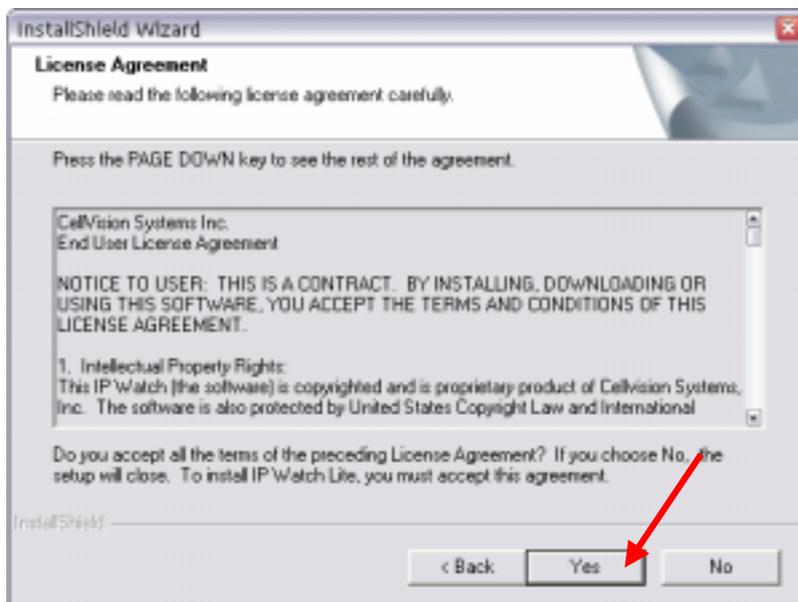
Step 1

Unzip the download file, click IPWatchLiteV20.060103.exe to start install the program. Click next on welcome screen.



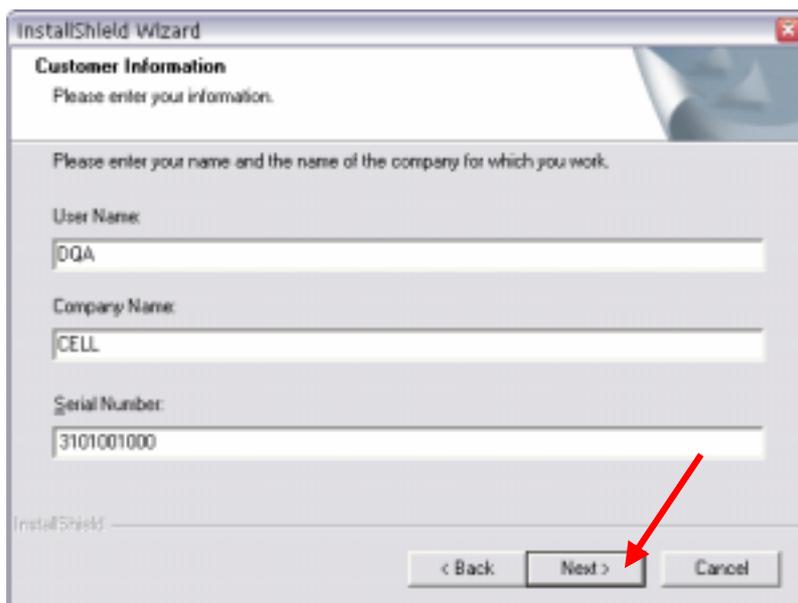
Step 2

Read and accept the License Agreement; then, click *Yes*.



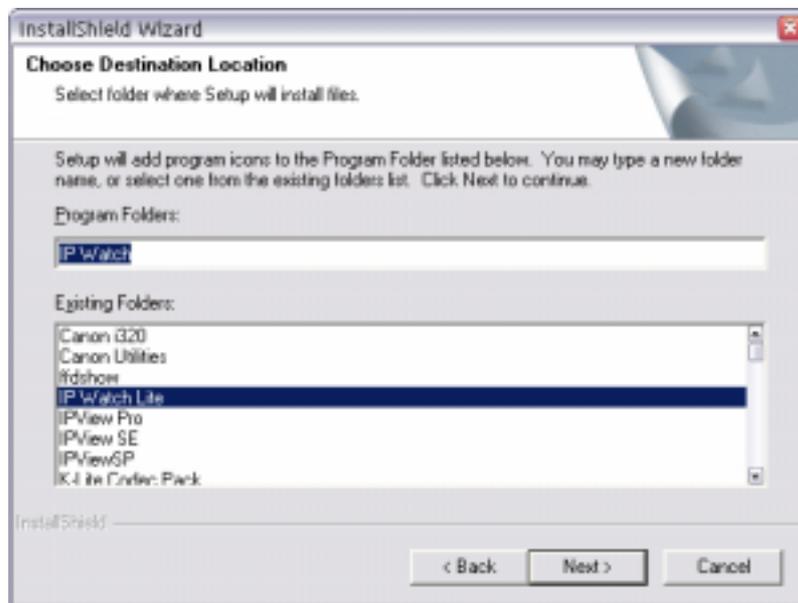
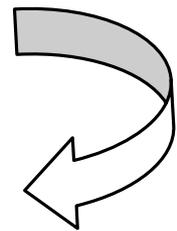
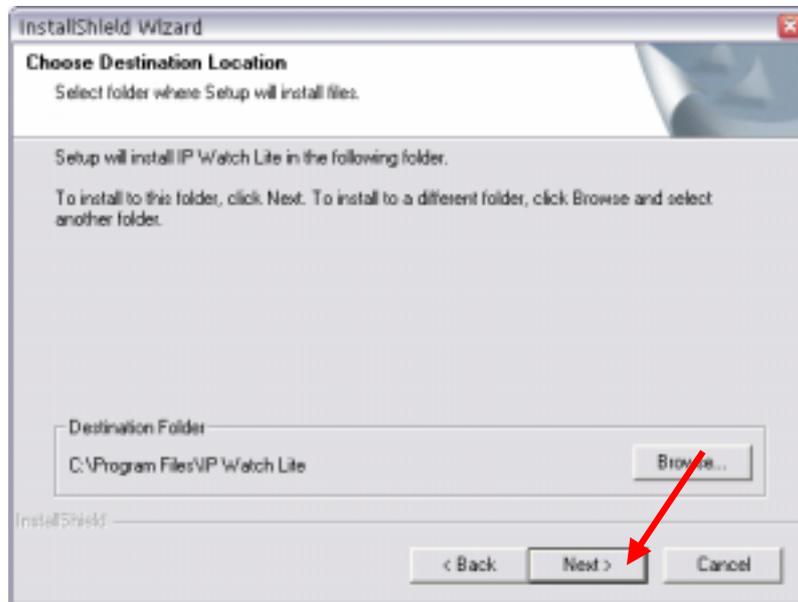
Step 3

Enter User name/Company Name/Seriel Number, then, click **Next**. The serial number can be found in the readme file.



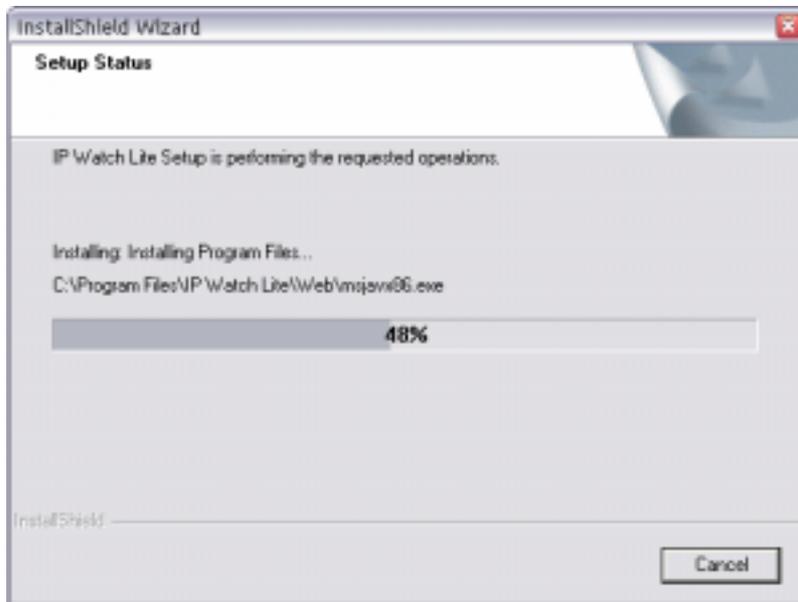
Step 4

Choose the destination location. If no specific requirement, leave the default setting and click *Next*.



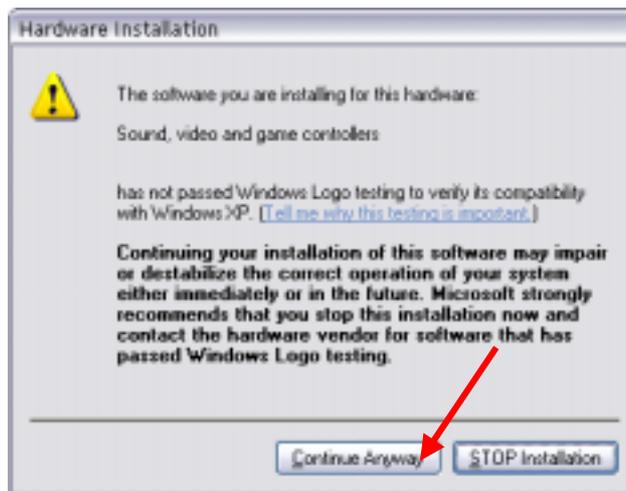
Step 5

The InstallShield Wizard starts to install the software, and the progress bar indicates the installation is proceeding.



Step 6

It will appear a Digital Signature warning screen. Click *Continue Anyway*.



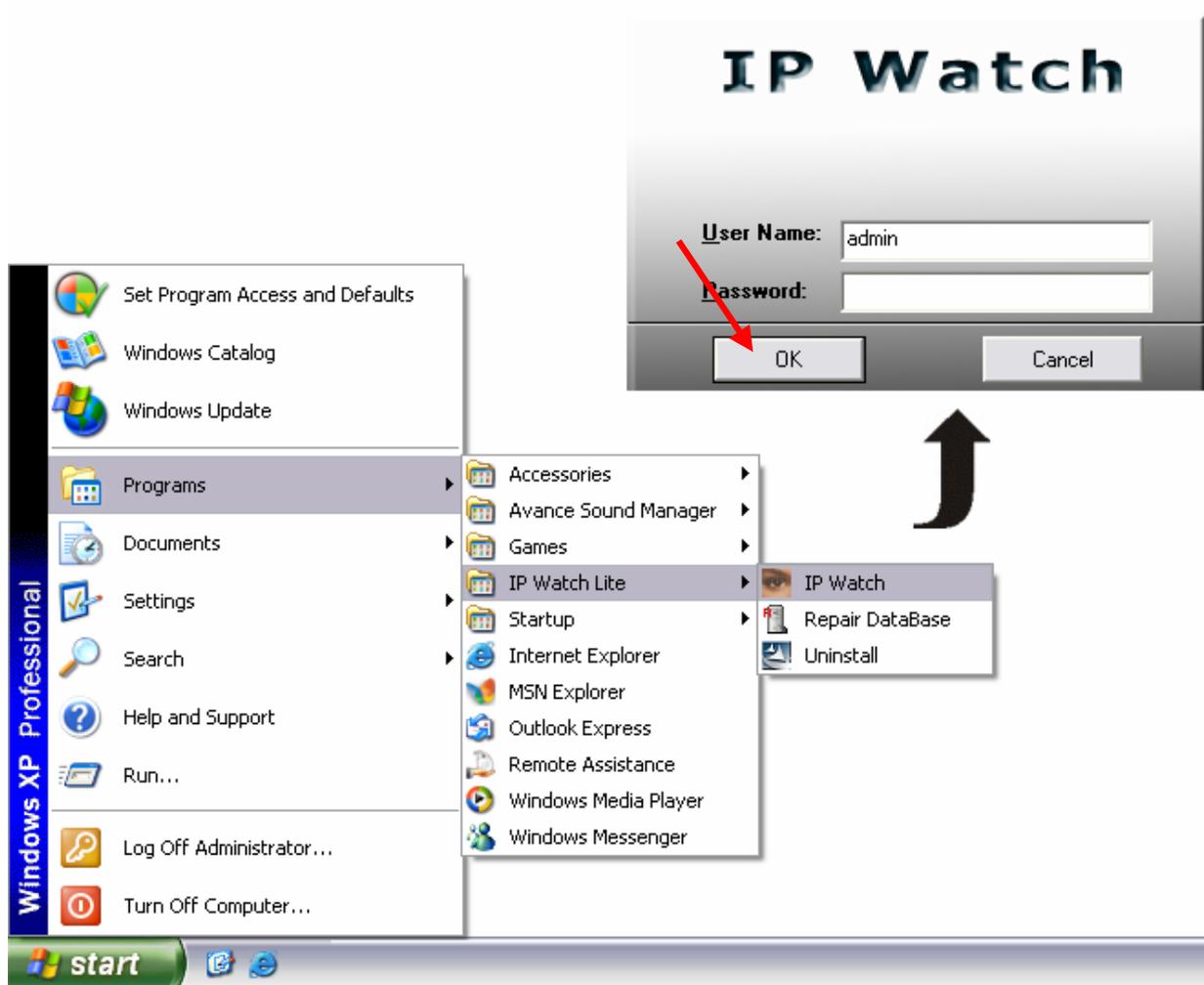
Step 7

Click *Finish* to complete the installation.

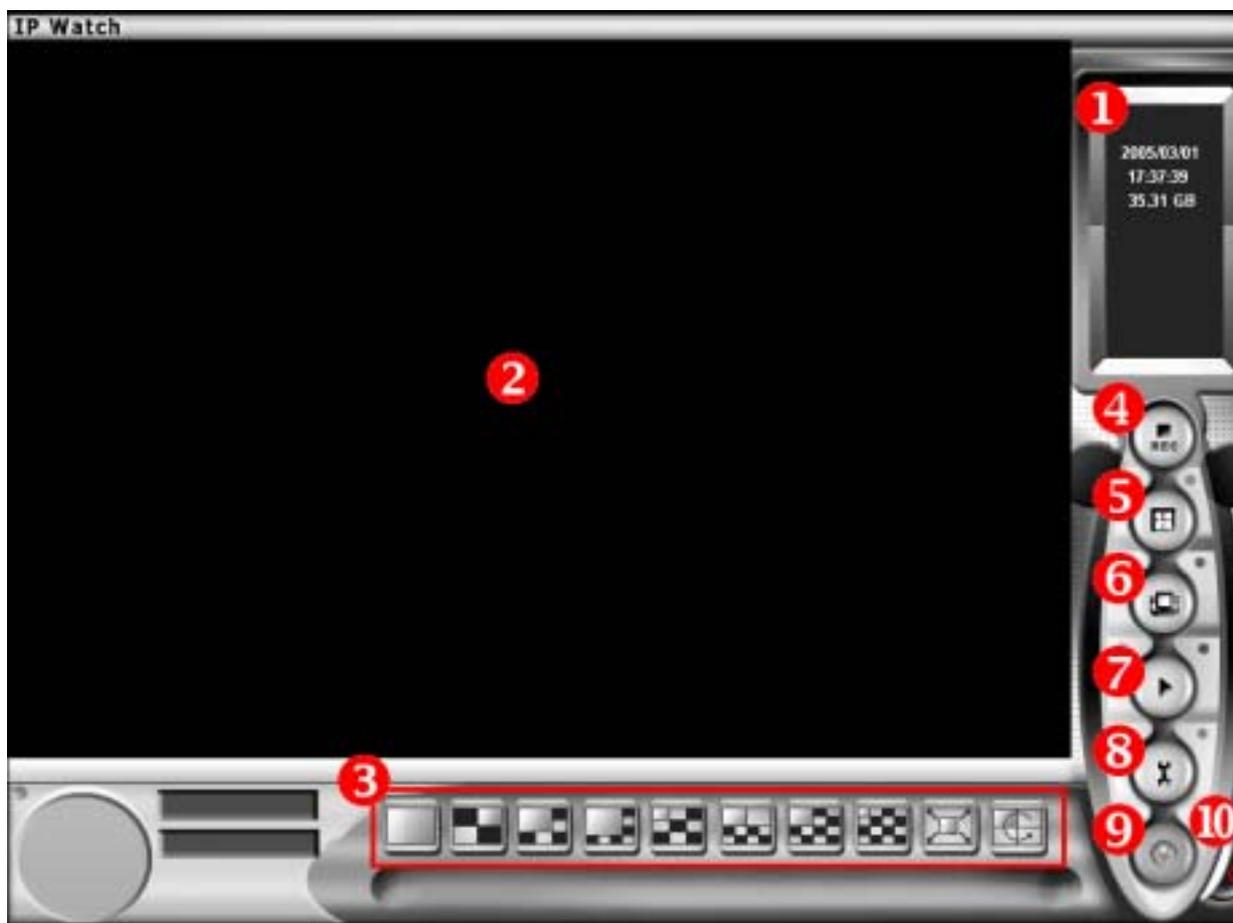
Getting Started

This section describes the User Interface of IPWatch Lite, with detailed procedures for using the application.

To launch IPWatch Lite, click **Start > Programs > IPWatch Lite > IPWatch**; then, enter **admin** in the User Name field and click *OK*.



The main screen will appear as below:



***NOTE:** IPWatch Lite requires the system's resolution setting up to 1024x768. Please configure the resolution to 1024x768 or higher; otherwise, it may shows incomplete screen when launching the program.*

Item Feature

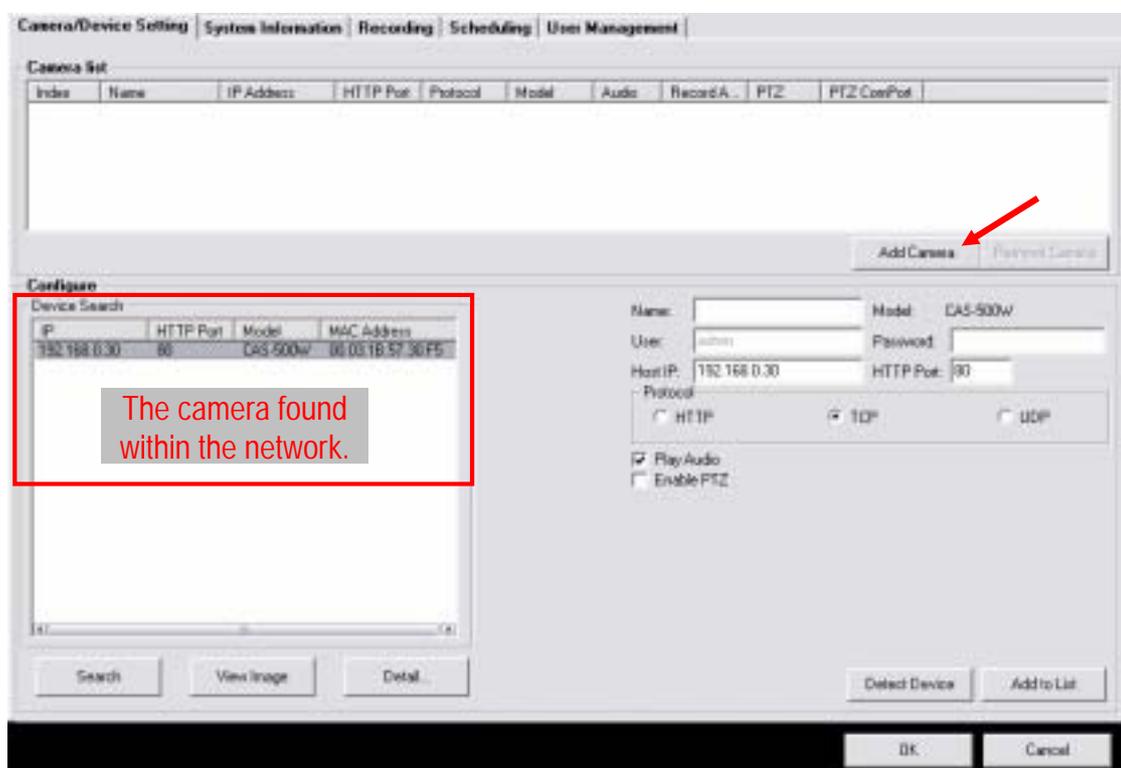
NO.	Item	Description
①	Date/Time	Show current date/time, as well as the storage information of the system
②	View Window	Show the camera's view in this window.
③	View Mode Buttons	<p>Select the view mode from these buttons.</p> <p> Show one camera in View Window.</p> <p> Show four cameras in View Window.</p> <p> Show six cameras in View Window with the first one as the major view.</p> <p> Show eight cameras in View Window with the first one as the major view.</p> <p> Show nine cameras in View Window.</p> <p> Show ten cameras in View Window with the first two as the major views.</p> <p> Show thirteen cameras in View Window with the first one as the major view.</p> <p> Show sixteen cameras in View Window.</p> <p> Show the selected camera in full screen view.</p> <p> Enable displaying the video views in circles.</p>
④	Recording Button	Record video clip of the selected camera and save it in the computer.
⑤	Scheduling Button	Click to setup the camera to trigger recording as schedule defined.

6	Remote Service	Click to use the remote service function of the camera.
7	Playback Button	Click to launch a new screen to lay the recorded video file in the computer.
8	Application Setting	Click to enter the System Configuration.
9	Camera Map	Click to launch the camera map function.(Lite version not supported)
10	Exit Button	Click to exit, logout, or minimize IPWatch Lite.

Using IPWatch Lite

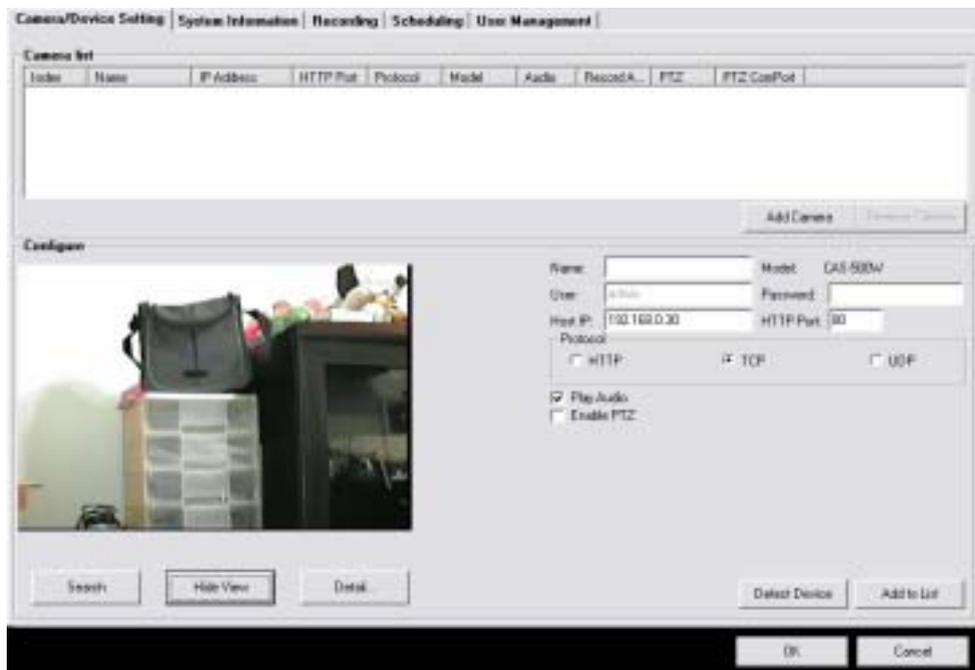
Adding a Camera

1. Click the *Application Setting* button to enter the System Configuration. In the **Camera/Device Setting** tab, click *Add Camera*. Then, the **Configure** field appears at the lower part of this screen, allowing you to add a camera and configure the camera.

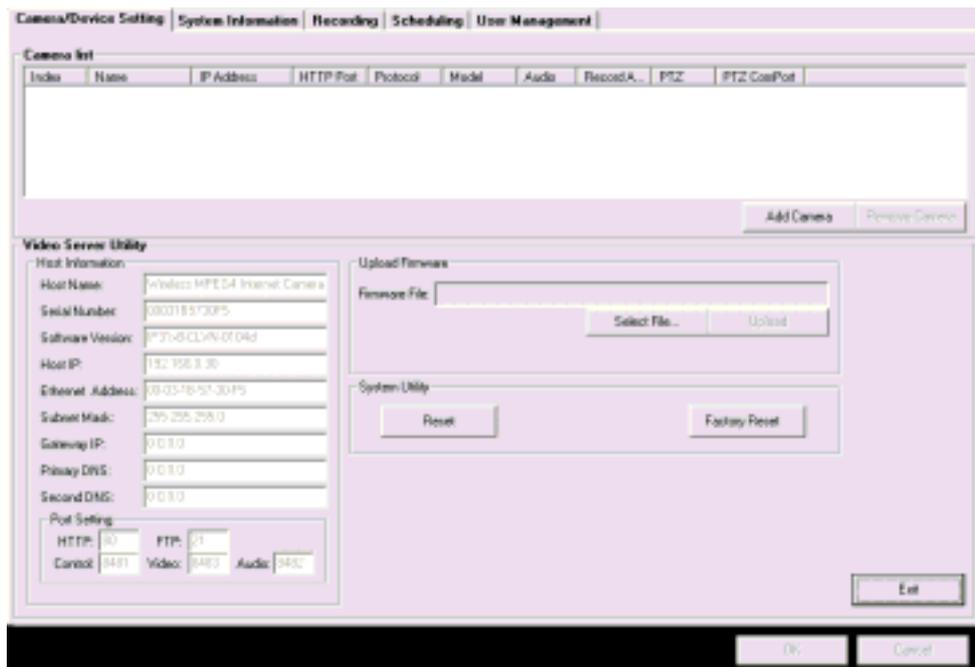


2. Click *Search*, and it will start to search the connected camera. The search result will be displayed in the **Device Search** field.
3. Click *Add to List*, and then click *OK* to return to the main screen.

In the System Configuration window, you can also preview the video of selected camera. Click *View Image*, and the video will appear in the box. Click *Hide View* to return to the **Device Search** window.



In addition, you can check the information of selected camera. Click *Detail*, and the information will appear in the box.



Viewing Video of Camera

In the main screen, the video of selected camera will be displayed in View Window. You can add a maximum of 16 cameras for viewing. From the View Mode buttons of the panel, you can select one-camera mode or other modes to display your cameras' video.

For example, if you use only one camera, select one-camera mode (), and the View Window will display the view as below. You can select the other modes according to your need.



Zoom In / Zoom Out

Move your mouse to the video area in the View Window, and then you can zoom in/out the image by clicking the left/right button on your mouse.

Pan / Tilt

When **RS485 Port** of selected camera is enabled, the additional control buttons will appear, including up/down/left/right buttons, pan/tilt speed control buttons, and position selecting list.

Removing a Camera

To remove the camera:

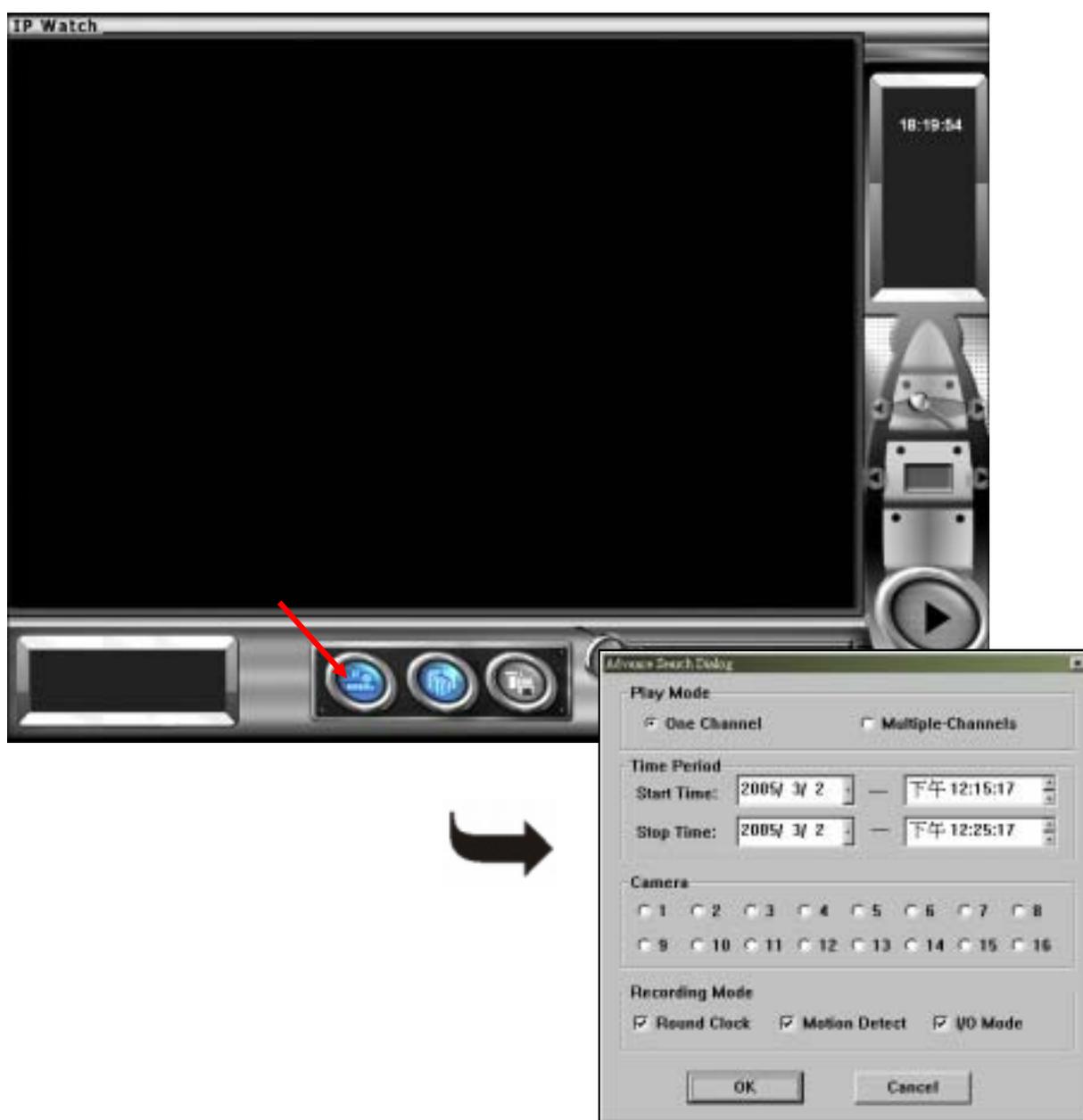
1. Click the *Application Setting* button to enter the System Configuration. Select the camera you want to remove in **Camera List**.
2. Click *Remove Camera*.

Recording Video

IPWatch Lite allows you to record the video clip and save it in your computer through the following methods: **Monitor only**, **Round the clock**, and **Motion detection**.

Playing Recorded Video

The recorded video clips are saved in your computer. To start playback of the video, simply click the *Playback* button on the main screen, and the following screen will appear, allowing you to select the file to playback.



Click the *Advanced Search* button to bring up the following dialog window, which allows you to select the file according to recording periods. Then, click *OK*.

When the video file is selected, use the control buttons on the panel to play/pause/stop the playback. To exit playback, click the Power button.



Control buttons and power button

Configuring the System

Click the *Application Setting* button to enter the System Configuration. In addition to **Camera/Device Setting**, the System Configuration contains the following tabs that allow you to configure the system: **System Information**, **Recording**, **Scheduling**, and **User Management**.

System Information

In this screen, you can obtain and configure the general information of the system.

Camera/Device Setting | **System Information** | Recording | Scheduling | User Management

Host Name
IP Watch

Start-up Condition
 Auto run, when Windows start
 Start in minimum

Camera Caption
 No Camera ID Camera ID + Camera Name

Data Storage Setting
Total Available: 35,210GB

Path	Available Size	Total Size
C:\Program File\IP Watch Lite	36,153MB	38,154MB

Enable Recycle
Select a location:

Alarm Transmitted e-Mail
SMTP Server:
Sender:
Receiver:
CC:
Subject:
Number of Usage Attach:
Interval of sending Motion Detect alarm mail: Second(s)

Auto Login Setting
Login Name:
Login Password:
 Using Full Screen View on Auto Login

Remote Service Setting **Camera Scan Interval**
Port Number: Seconds

Connection Retry
 Retry times Always retry

Host Name

Display the host name of the system in the box.

Start-up Condition

To launch IPWatch Lite automatically when Windows starts, select the **Auto run, when Windows start** option. The second option **Start in minimum** allows IPWatch Lite to be minimized when launched.

Camera Caption

You can setup the name format of recorded video clips by selecting **No**, **Camera ID**, or **Camera ID + Camera Name**.

Data Storage Setting

- **Locations:** The destination folder to save the recorded video file can be specified here. Click *Add/Modify* to add a new destination folder or change the current path setting. Click *Remove* to remove a selected path setting.
- **Enable Recycle:** You can check this option to clear the files when the unreserved space of your hard disk is filled.

Alarm Transmitted e-Mail

When **Motion Detection** function is enabled, you can enter the required information in the respective fields to send an e-mail to assigned receiver.

- **SMTP Server:** Enter the mail server address that is used to send your e-mail.
- **Sender/Receiver/CC:** Enter the e-mail address of the sender and receiver(s).

- **Subject:** Enter the title of the e-mail.
- **Number of Image Attach:** Setup the number of attached file(s) in the email.
- **Interval of sending Motion Detect alarm mail:** Setup the time (in second) using the pull-down menu to send e-mail regularly.

Auto Login Setting

You can setup the login name and password in the related boxes to enable auto-login function.

Remote Service Setting

Setup the port number to transmit the camera's data. The default setting is port *80*.

Camera Scan Interval

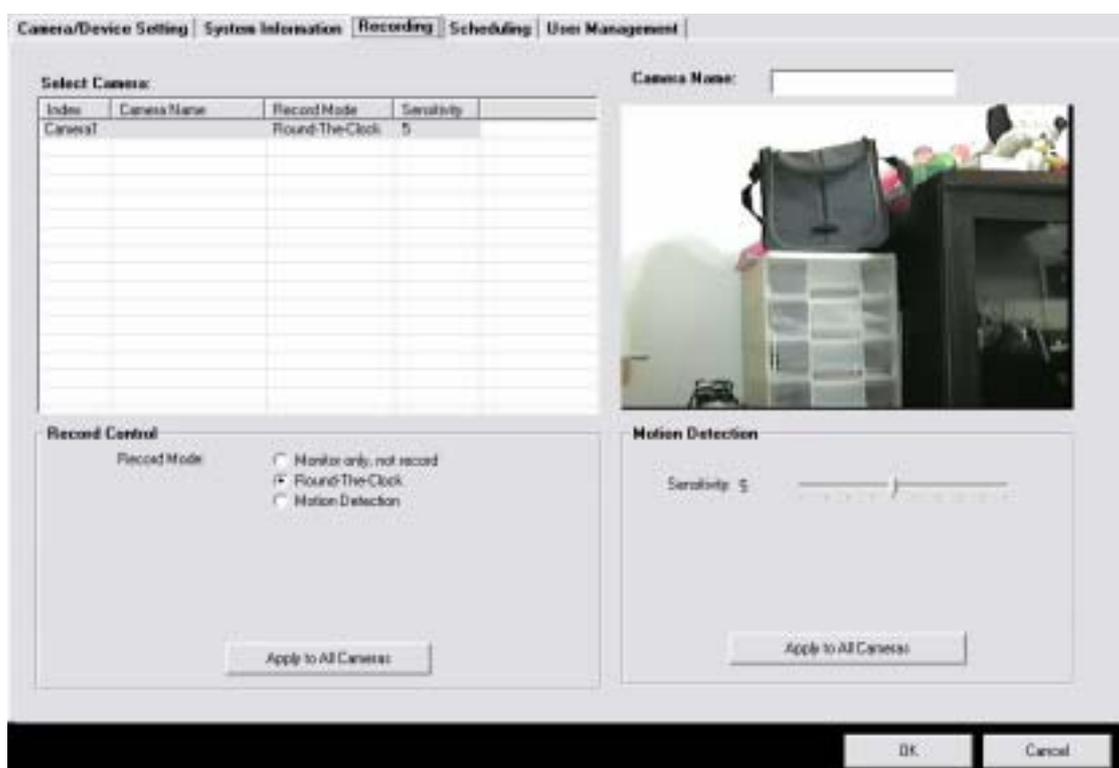
When multiple cameras are connected, the video images of these cameras can be displayed as the main view in circles, and you can adjust the scan interval time.

Connection Retry

When the camera is disconnected, the system can automatically try to reconnect the camera, and you can setup the number to retry.

Recording

In this screen, you can configure the recording settings. Select the camera from the list, and you can setup a name for selected camera in the **Camera Name** box.



Record Control

You can setup the recording mode by selecting the following options: **Monitor only, not record**, **Round-The-Clock**, and **Motion Detection**.

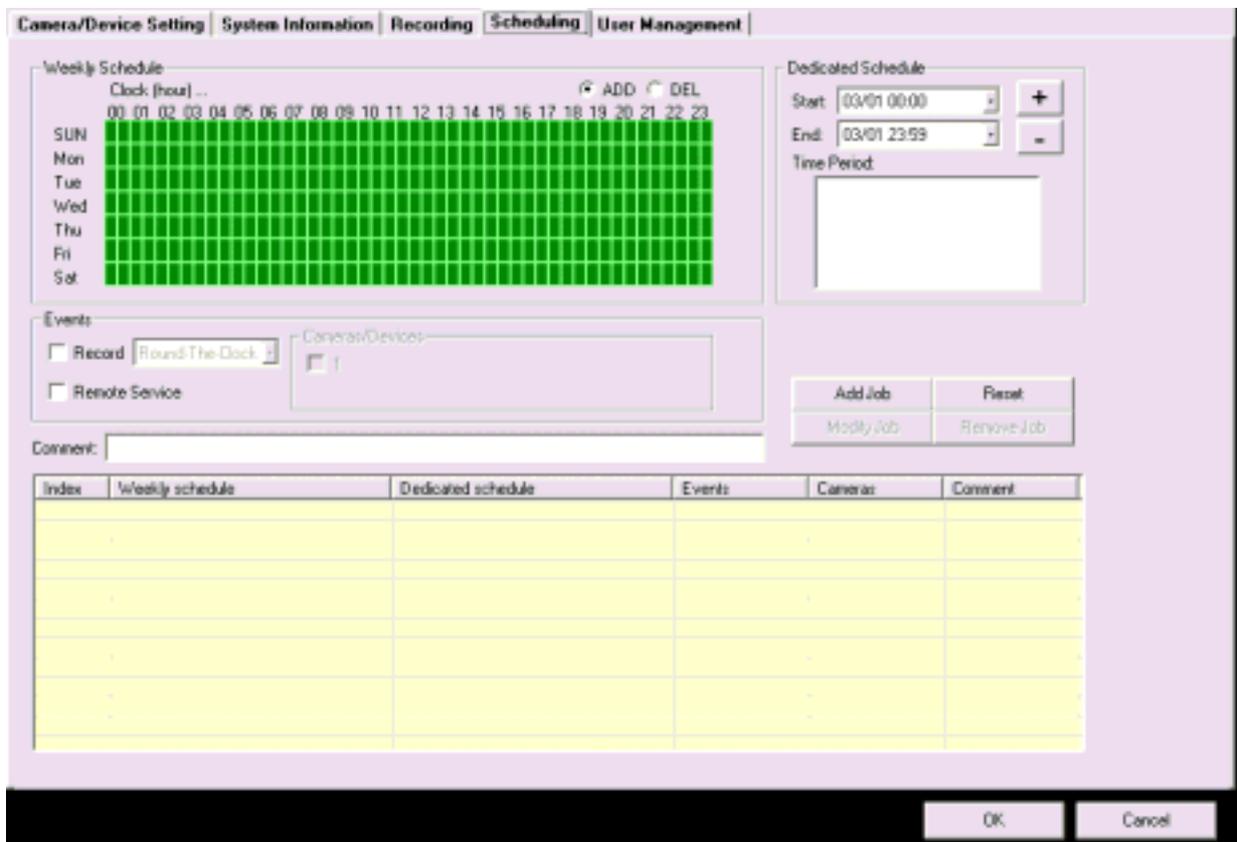
Motion Detection

Move the slide bar to adjust the sensitivity level for detecting motion to record video.

When completed, clicking the *Apply to All Cameras* button will configure all connected cameras with the same settings.

Scheduling

In this screen, you can configure the schedule to record videos.



Weekly Schedule

In the week/date table, select *ADD/DEL* to arrange the recording schedule.

Dedicated Schedule

You can setup a dedicated period to record the video using the pull-down menu.

Event

This field allows you to configure the **Record** and **Remote Service** options.

User Management

In this screen, the administrator can manage the users of camera effectively.

The screenshot shows a software interface for user management. At the top, there are tabs for 'Camera/Device Setting', 'System Information', 'Recording', 'Scheduling', and 'User Management'. The 'User Management' tab is active. On the left, there is an 'Administrator' section with 'Password' and 'Confirm Password' input fields. Below it is a 'User List' table with columns for 'ID Name', 'Password', 'Description', and 'Camera'. The table is currently empty. On the right, there is a 'User Information' section with 'User ID', 'Password', 'Confirm Password', and 'Description' input fields. Below this is a 'User Privilege' section with three sub-sections: 'View' (containing 'Multi-Camera View Operation' and 'Camera Map Operation'), 'System Operation (Start/Stop)' (containing 'Scheduling', 'Recording', 'Playback', and 'Remote Service'), and 'Camera Privilege' (containing 'Camera 1'). At the bottom of the 'User Information' section are 'Reset' and 'Add/Modify' buttons. At the bottom of the 'User List' section is a 'Remove' button. At the very bottom of the interface are 'OK' and 'Cancel' buttons.

Administrator

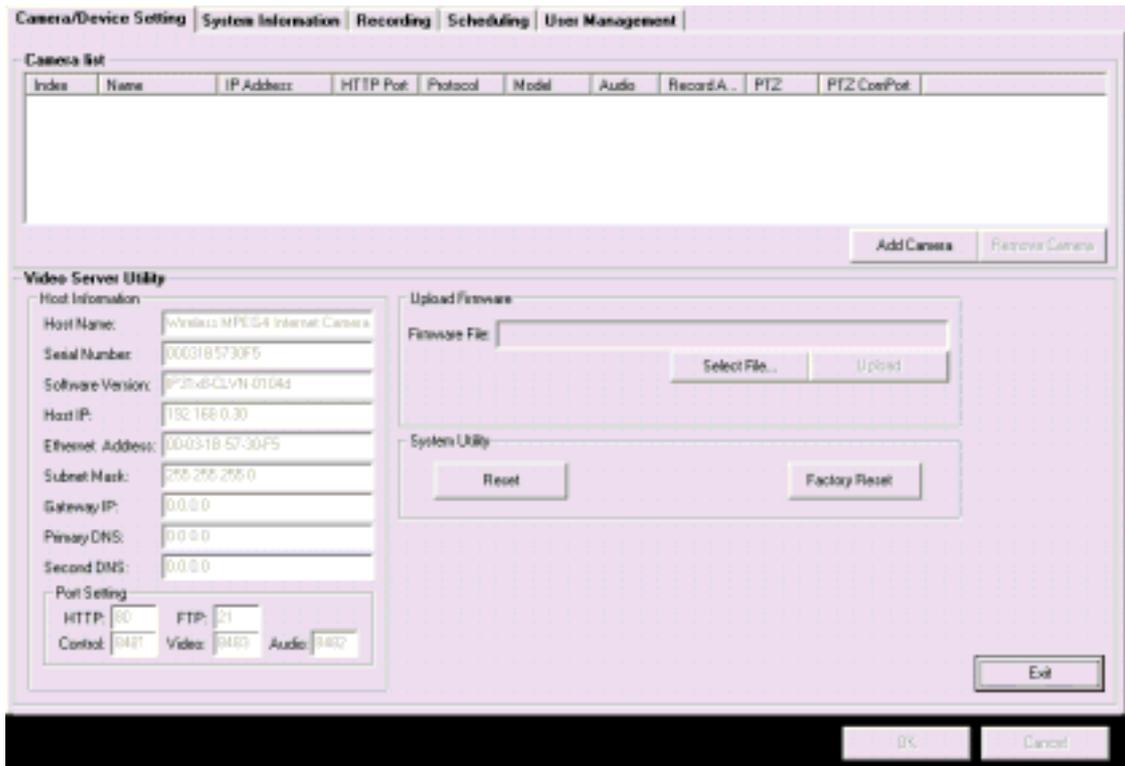
You can setup an administrator password.

User Information

In this field, you can add user(s) of the camera, and modify the user information. To add a user, enter the User ID and Password and click *Add/Modify*. The user(s) you added will be displayed in the **User List**. You can also setup the privilege for specified user or camera.

Upgrading Firmware and Resetting

The **Upload Firmware** option in the **Camera/Device Setting** tab allows you to upgrade the firmware of camera, and the **System Utility** option allows you to reset/factory reset the device.



Upgrading Firmware

Select the **Camera/Device Setting** tab, and then click *Detail* to enter the Video Server Utility screen. Click *Select File* to point to the firmware file saved in your computer, and then click *Upload*. The system start to upgrade the firmware, and it will ask you to restart the camera.

Resetting the Device

Click *Reset* to restore the original setting of your camera. Click *Factory Reset* to restore the factory default settings of the camera.