

**FTP Uploading:** when the alarm is triggered, the program will upload the snapshots to the FTP server.

**Upload file:** three options are available: picture only, video only, or both picture and video.

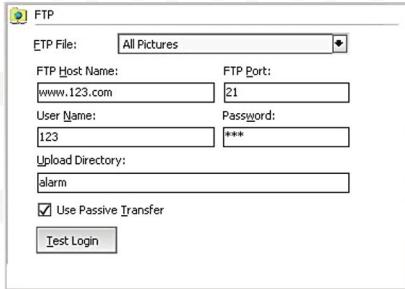
**FTP host address:** account information required to access the File Transfer Protocol host.

**FTP port:** the default is set to 21.

**User name:** the user name used in the FTP login window.

**Password:** the FTP password used in the login window.

**Upload Directory:** This is the path used for saving uploaded files. The program will create a folder using the time the alarm went off. The pictures and videos will be saved to this directory.



**Dialing:** when the alarm is triggered, the program will dial the assigned telephone number automatically using the PC's modem. This service requires a modem to be installed on the PC which supports dialing functions.

**Dialing device:** choose the modem from the list that

supports the dialing feature.

**Number to be dialed:** the number which will be dialed once the alarm is triggered.

**Test:** Click Test to make sure this setting is functional.

The screenshot shows a configuration window titled "Telephone". It contains two input fields: "Dialing device" set to "IPCONF" and "Number to be dialed" set to "12345678900". Below these fields is a "Test" button. At the bottom of the window, a note states: "This function requires to have a modem connected to your computer".

**SMS modem:** when an alarm is triggered, the program will send a Short Message Service transmission to the assigned phone through the modem.

This service requires an SMS modem to be installed on the PC.

**SMS modem port:** the serial port number which is attributed to the SMS modem.

**Receiving phone number:** the enabled-SMS land line or mobile phone number which will receive the incoming message when the alarm is triggered.

**SMS interval (in minutes):** defines the time interval in minutes that the SMS alerts will go off while the alarm is active.

**Test:** click this button to test this service, the program will send a SMS to the assigned phone number.

SMS Modem

GSM Modem Port: COM1

Destination Number:  
12345678900  
\*Several numbers spited with comma

Interval of two SMS(minute)  
15

**Skype:** when an alarm is triggered, the program will use Skype to send Skype messages, text messages, Skype calls and call a mobile phone.

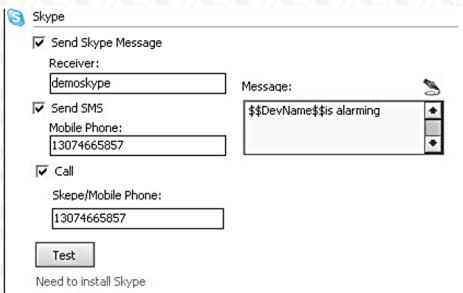
This feature requires for Skype to be installed on your computer. When the alarm is triggered, the program will call or open the Skype interface, so that it can execute the actions mentioned above. If Skype is not running, the program will automatically start Skype. You can download Skype by going to <http://www.skype.com>.

**Send Skype Message:** this option sends a text "message" to the designated Skype account.

**Send SMS:** this option sends a text "message" to the designated phone. Please note that this feature requires a Skype account balance. To know more about using Skype to send SMS, recharge information, etc., please visit the official Skype website.

**Call:** it places a call to the designated Skype account or to a designated phone number. Please note that the "dial a designated telephone number" feature requires a Skype account balance. To know more about using Skype to make calls, please visit the Skype official website.

**Test:** click **Test** to make sure this setting is functional.

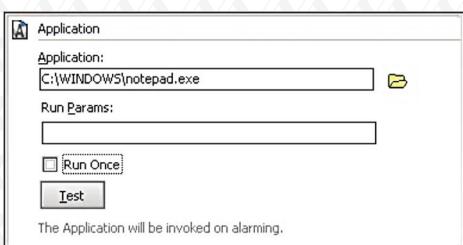


**Application:** when the alarm is triggered, the program will execute the selected program.

**Program:** it defines the path for the .exe file belonging to the selected program.

**Run parameter:** the run parameter values should be entered in this box.

**Run once:** this option will execute the command only when the alarm goes off for the first time, with no further action after that.



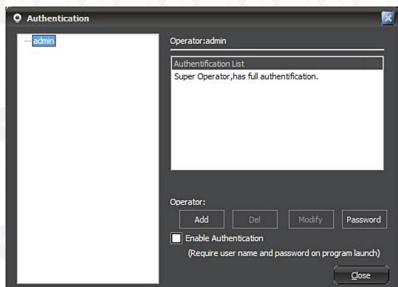
**URL Link:** when the alarm is triggered, the program will open the assigned URL. Usually, this is used to inform other systems about the alert.



## IP Camera Super Client

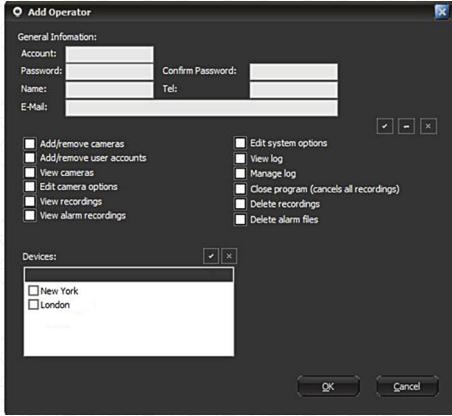
### User Account Administration

The Client supports a multi-level management system, whereby different users are granted specific privileges and passwords for controlled access. This function is not enabled by default. Please click the Setup menu button on the lower right side of the dialog window and choose **User Account Setup** to continue.

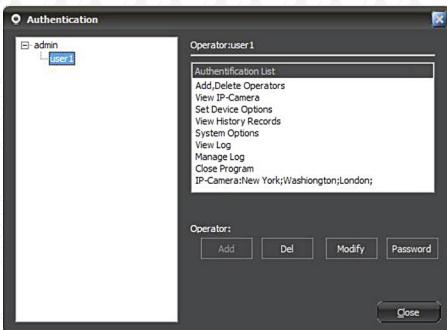


When this feature is enabled, the program will always request authentication from users. By default, the admin account enjoys full administrator privileges. This account can never be deleted; however, its password can be changed.

**Add operator:** click the **Add** button and the dialogue box below will appear.



Once you type in the account information and assign the corresponding permissions, click **OK** to save it. Privileges to add or remove accounts mean that the account operator can include or delete its dependent users. This takes effect only after logging in with this account.



**Delete:** the currently selected operator will be erased.

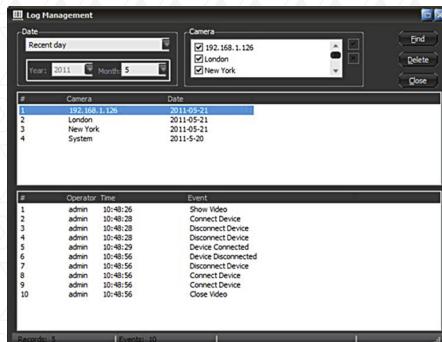
**Modify authority:** it changes the permission level assigned to this operator.

**Change password:** it allows the user to modify the existing password.

### IP Camera Super Client

#### Log manager

The client software has log management function. It will keep records of user operation and device connection information. Click the **Setup** menu button on the bottom right corner of the dialog box, and then choose **Log Management** to open the window.

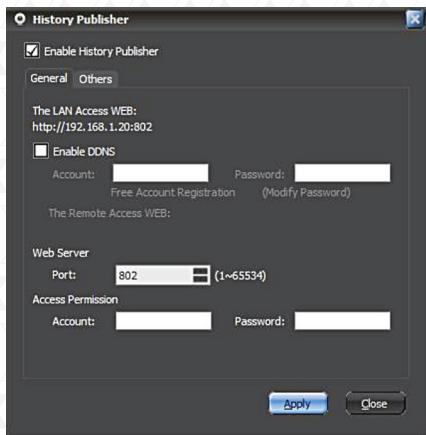


After selecting the desired device and date, click the **Find** button.

### IP Camera Super Client

#### Records publisher

Users can remotely view videos and alarm logs using the records publishing tool from the client. Click the **Setup** menu on the bottom right corner of the dialog box, and choose **Record History Web Publisher**. The following window will be displayed, as shown below.



By default, this function is not enabled. You must first select the **Enable History Publisher** option and click the **Apply** button to enable this feature. The LAN IP address will be displayed at this point. Users can directly view records in the LAN if the PC has a fixed IP address. Records can also be accessed by entering the IP address and adding the port number. If using a dynamic IP, then the DDNS feature must be active to be able to view this information remotely. This tool should allow users to register a DDNS account for free. The account name needs to be longer than 5 characters.

Click on the **free account registration** option. The DDNS registration box will appear, as shown below. Fill the form and click the **Submit** button to save your settings. Once completed, it will exhibit the remote access URL. Please note that port forwarding needs to be set up directly on your router.

**DDNS Account Registration**

Account:  (Max)

Password:

Password Confirm:

Your Name:  (Max)

Sex:  Male  Female

Email:  (Max)

**Submit** **Close**

Users can set a password for controlled access permissions.

The Web server port is the port provided for remote visit. Normally, this value does not need to be changed, but if that port is being occupied by other devices, users can assign a different port number within the 1 ~ 65535 range.

When entering the URL in IE address box, a page like the one below this will be displayed.

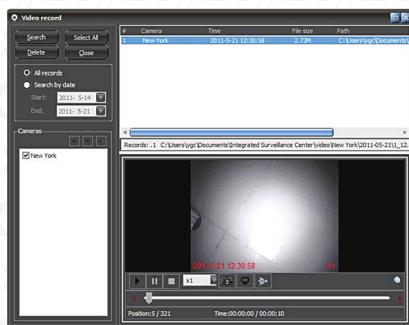




A list containing all the devices with recorded video files will appear. Next, click on any specific device, and a list of recordings identified with the date will be displayed at this stage.

When the operator chooses a certain date, the page below will pop up on the screen.

The list contains the files recorded that day. When you click on a specific file, it will play the video.



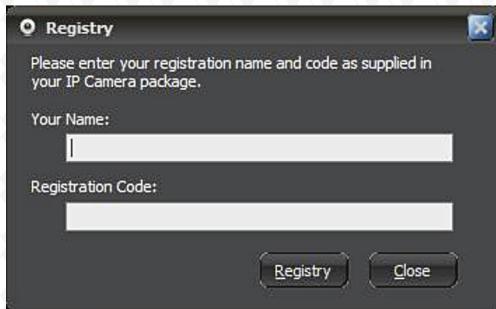
During playback, the user can rewind or forward the video, take a snapshot or invert the recorded images.

The process to remotely access alarm records is the same as with video records.

#### IP Camera Super Client

##### Registration

Go to the **Setup** menu and select **Registration**. Enter the registration name and code, and click **Register** to complete the process. The registration name and code can be found on the supplied CD-ROM.

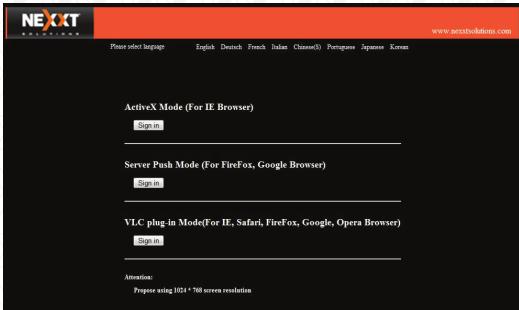


##### Web browser

1. If you access the camera through the Internet Explorer browser directly, type the camera's IP address. To do so, follow the format `http://XXX.XXX.XXX:81`, ("X" represents the IP address and the ":81" represents the default port number).

When done, the camera login page will be displayed on the screen.

2. Click "sign in" to enter your account and password on the camera login page, as shown below.



By default, the administrator's username is "**admin**" and the password is left blank. You can log on to this page as an Administrator, Operator or Visitor. Access privileges will be assigned on the web browser interface based on the user. Details regarding access rights and user interface are included below.

**Visitor:** When logged in as visitor, the user will be able to view the main monitoring page for all the enabled cameras on the network.

**Operator:** When logged in as an operator, the user will have access to controls and to certain parameters associated with the operation of the camera.

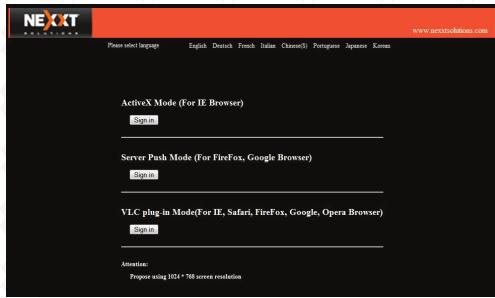
**Administrator:** When logged in as an administrator,

the user will have full access to controls, critical functions and to the advanced configuration of the camera.

3. If you are using a PC, follow the top link for IE Browsers. This will activate ActiveX which allows access to additional features of the user interface. If you are a Mac user, you can view the camera via a second link, Server Push Mode. This web browser mode features limited functionality; however, it allows you to view live video and take snapshot pictures using the XPY 320.

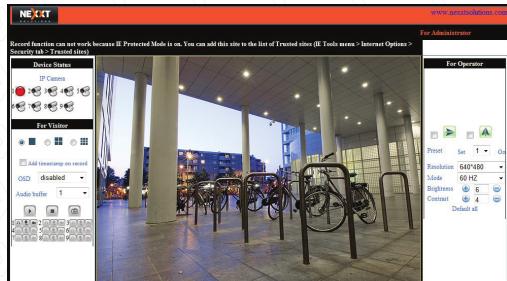
#### **Upgrade firmware**

Enter the correct User Name and Password to upgrade the system firmware and Web user interface.



**Main User Interface (as seen in Internet Explorer)**

## Device Status



Indicates the number of cameras connected on the network.

### For Viewer

When logged in as visitor, the user will be able to view the main monitoring page for all the enabled cameras on the network. This window allows you to choose between Full View or Split Screen configurations. Select the icons according to the view preferred.

For example: select for Full Screen, for Quad view or for Multi Split Screen.

### Add timestamp on record

When checked, a timestamp will be added in the bottom right corner of recorded videos.

### OSD (On Screen Display) for multi-device settings

The On Screen Display allows you to see the date and time on the video. Use this option to select the color of the timestamp or to disable the OSD feature.

#### **Audio switch**

Click  to enable the audio stream from the camera. The icon will change to . In order to be able to listen to the sound around the camera, you need to have an earphone or speaker connected to the computer, and the microphone function enabled. Click this icon once again when you want to disable this feature.

#### **Record**

Click on the  icon to begin video recording. The camera will create an AVI file and save it in the folder you specified. Click on this button again when you wish to stop the recording. The audio will be stored provided that the microphone function has been previously enabled.

**Snapshot:** Click on the  icon to take a snapshot image. This button provides users a fast way to capture a single image of the video from the camera.

**Note:** the video file would be assigned a name according to the following format:

*Alias\_actual date.avi*

**For example:** if the name of the file containing the video is XPY320\_20101211124441.avi, it means this recording belongs to the device having 'XPY320' as its alias, and that the video was recorded at 12:44:41 on December 11, 2010.

#### **For operator**

When logged in as an operator, the user will have

access to the Operator Page, and to certain parameters associated with the operation of the camera.

#### Pan/Tilt

Direction control arrows  : click the arrow keys to aim the lens in the direction you wish to look.

##### 1. Patrol selection

 Vertical patrol

 Horizontal patrol

 Stop patrol

Switch alarm input on   Switch alarm input off.

#### Mirror

Click the icons to see the horizontal  or vertical  mirror image. Video rotation options allow you to adjust the image if you set up the camera upside down or in a special position.

#### Resolution

Select either VGA (640x480) or QVGA (320x240).

#### Operating mode

Select 50Hz or 60Hz frequency, or Outdoor mode

**Color parameters:** click Brightness and Contrast to adjust the quality of the video.

**Image PT function:** the Pan-Tilt capability is recommended to control the aim of the camera directly using the full screen view. Double click the

right mouse button on the image to enable the PT function. A green arrow  on the video image will be displayed. Use the left button of the mouse to aim the camera in the direction of the target. If you want to cancel, double-click on the right mouse button once again.

#### **Default All**

Click to return the settings to their factory default values.

#### **For Administrator**

When logged in as an administrator, the user will have full access to controls, critical functions and to the advanced configuration of the system.

**Device Information:** it displays the device ID, firmware and embedded Web UI version of the device, along with other basic information pertaining to the camera.

**Alias Settings:** allow the administrator to set a name to easily identify the IP camera. *Anonymous* is the default alias for the XPY320.

**Date & Time Settings:** these are used to determine the time zone for your country. You can choose Sync with NTP Server or Sync with PC Time.

**User Settings:** the administrator can set up a maximum of eight (8) user accounts. New users can be added as an administrator, operator or visitor, each with their own username and password.

User	Password	Group
admin	*****	Administrator
operator	*****	Visitor
operator	*****	Operator
		Visitor

**UPnP Settings** - Access this page to find out if the UPnP (Universal Plug and Play) is working correctly on your computer.

**Upgrade Device Firmware** - Upgrade the camera's Firmware and device embedded web UI software on this page.

**Restore Factory Settings** - Restores the original settings of the device.

**Reboot Device** - Reboots the device.

### Multi-Device Settings

In the Multi Device Settings page, the user can visualize all devices detected in the LAN. The firmware inside the camera supports up to 9 cameras monitoring at the same time. You may view either 9 or 4 cameras at once in a grid on one screen, or choose to view a single camera at a time.

The '**1st device**' is the default IP camera. You can add more cameras to the list in the network for monitoring different areas.



### To add cameras to the LAN

Click '**The 2nd Device**' and double click the IP camera from the '**Device List in LAN**'. The Alias, Host and HTTP Port will fill in automatically. Enter the correct User Name and Password then click '**Add**'. Repeat the same procedure to add additional cameras.

### To add cameras to the Internet

First make sure the camera added can be accessed on the Internet with the IP address or DDNS domain. (for example: <http://XXX.XXX.XXX.XXX> or <http://ipcamera.dyndns.org:81>). Enter the Host in the format: XXX.XXX.XXX.XXX port: 81 or Host: ipcamera.dyndns.org port: 81. Enter the correct User Name and Password followed by 'Add'. Repeat the same procedure to add more cameras.

### Basic Network Settings

If the router that the IP camera connects to has a DHCP function, you can choose '**Obtain IP from DHCP Server**' or you may fill in the network parameters manually.