



***IPCam Client User Manual
For X10 IP Camera models
XX34A, XX36A, XX39A, XX40A***



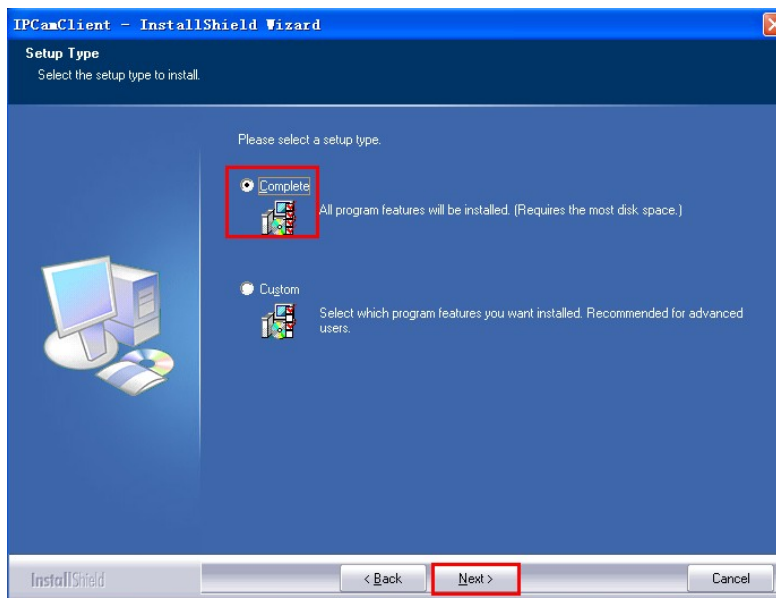
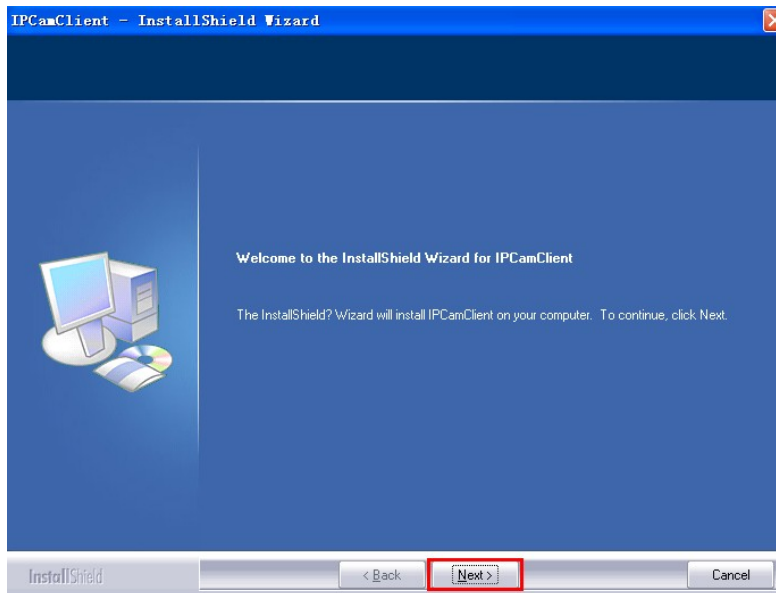
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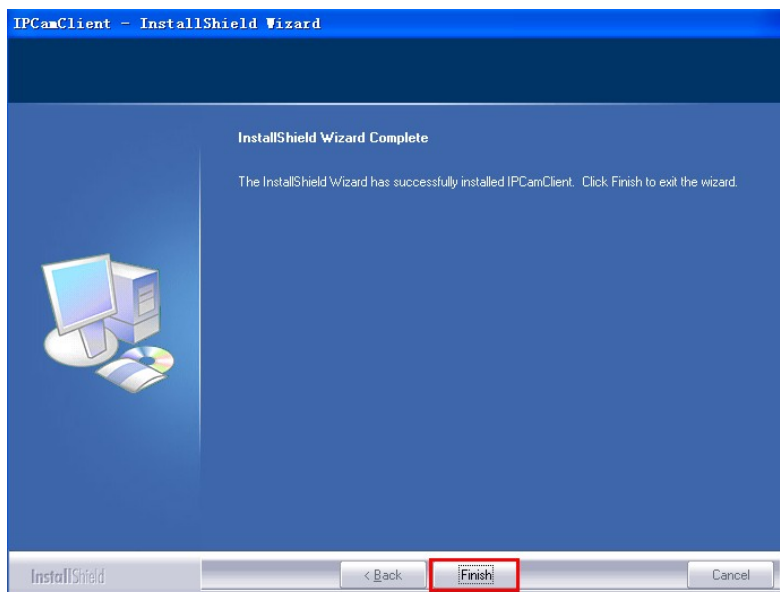
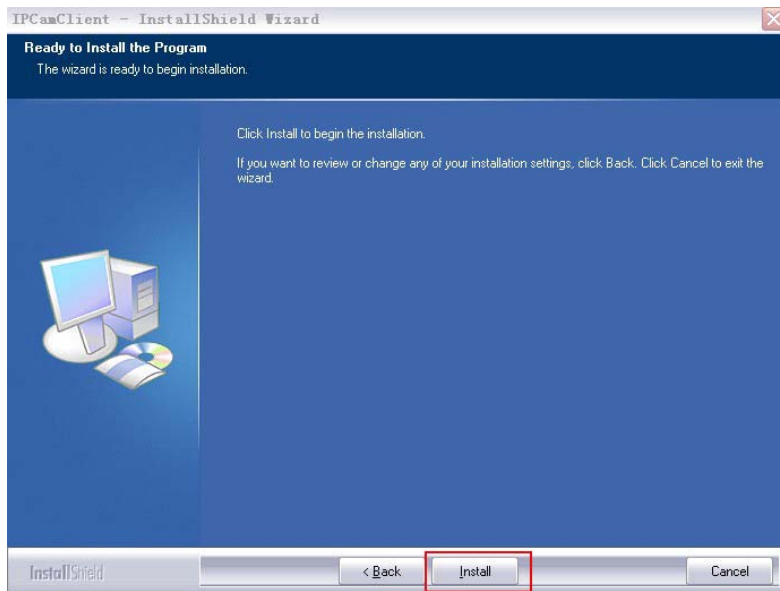
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1. INSTALLATION

NOTE: This IP Client software can be used with all X10 MJPEG and H.264 IP cameras. The example used in this manual is MJPEG, H.264 is similar. Before installation please turn off your firewall and disable any Antivirus software in your computer so that this software can be installed successfully. After installation, restart your computer, then you can use the IP Client software.

Double-click on the IPCamClient icon on the CD that came with your camera, or run the installation if you downloaded it from our web site. Follow the steps on the screens that appear.





2. SOFTWARE OPERATION

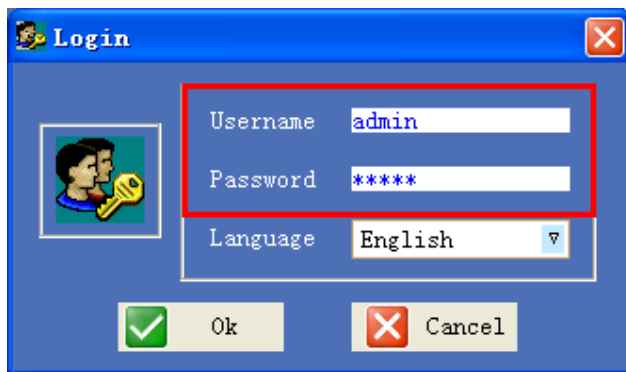
2.1. Login



Double-click the IPCamClient icon on your desktop you will see the login interface below, choose English language:

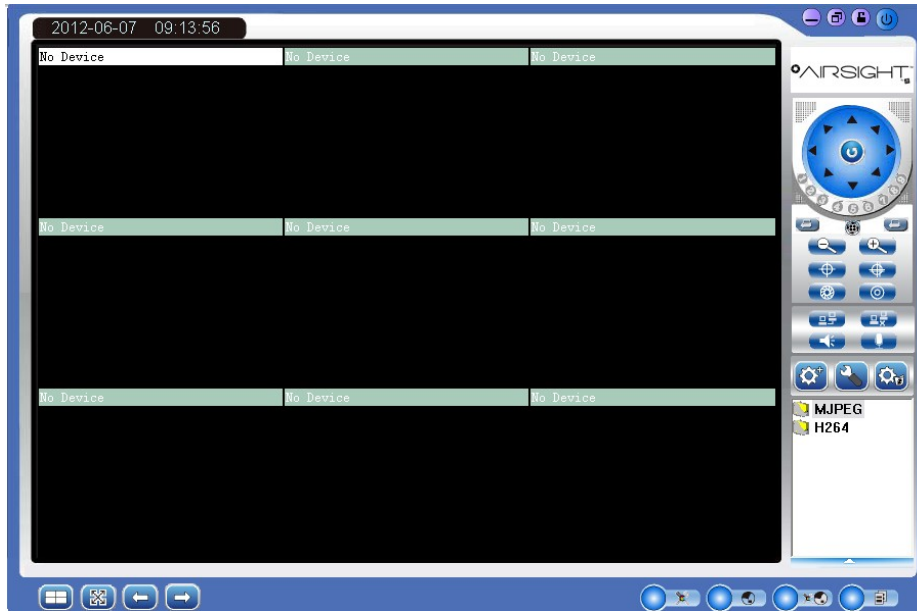


Enter the username and password. The default username is **admin**, default password is no password, i.e. leave blank. (Or try **admin** if that doesn't work). Then click **OK** to login:



See page 9 if you want to change the username and/or password.

After login, the main software interface will be displayed as shown below:



2.2. For Multi-windows



Clicking this icon will pop-up the multi-windows options, it can be from 1 to 64 windows.



Click this to go to full screen view, double click the screen or press the **Esc** key on the keyboard to go back to normal.



Click this to page up/down.

2.3. System Settings



System Setting: Click this to pop-up the system setting options as shown below.

Basic Settings
User Settings
Device List
Search File

2.3.1 Basic Settings:

Click this to login to the basic settings interface as below:

The screenshot shows a window titled "Basic Settings" with a blue title bar and a red close button. On the left is a vertical menu with options: Record, Capture, Alarm, Auto run, and Version. The "Record" option is selected. To the right of the menu is a text box containing "C:\Record", with "Add" and "Delete" buttons to its right. Below this is a label "Record file length (unit: min)" followed by a spinner box set to "30". At the bottom are three checkboxes: "MJPEG Add timestamp on record" (unchecked), "MJPEG Compressed into MPEG4 format" (checked), and "Automatically covered once recording space is full" (checked).

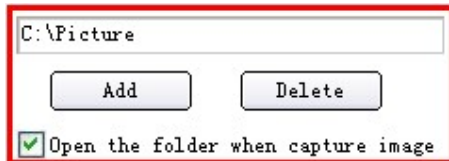
2.3.1.1 Record:

This block highlights the "Record" section of the Basic Settings window with a red border. It includes the text box "C:\Record" with "Add" and "Delete" buttons, the "Record file length (unit: min)" label with a spinner box set to "30", and the three checkboxes: "MJPEG Add timestamp on record" (unchecked), "MJPEG Compressed into MPEG4 format" (checked), and "Automatically covered once recording space is full" (checked).

1. **Add/Delete:** Click this to set/delete the path for record files to be saved.
2. **Record file length:** Click this to set the length for every record file, can be 30/60/120/180/300 minutes.

3. **MJPEG add timestamp on record:** Select this to enable the function.
4. **MJPEG compressed into MPEG-4 format:** Select this to enable the function, this will use less space for recorded files.
5. **Automatically recovered once recording space is full:** If selected, once the hard disk is full, it will recover automatically.

2.3.1.2 Capture:



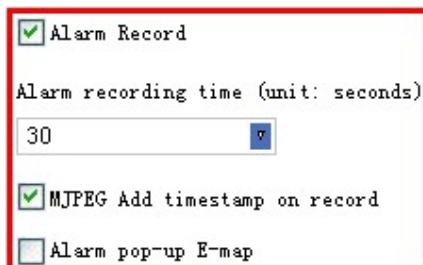
C:\Picture

Add Delete

☒ Open the folder when capture image

1. **Add/Delete:** Click this to set/delete the path for snapshot files to be saved.
2. **Open the folder when capture image:** if selected, this will pop-up the folder when capture image is saved.

2.3.1.3 Alarm:



☒ Alarm Record

Alarm recording time (unit: seconds)

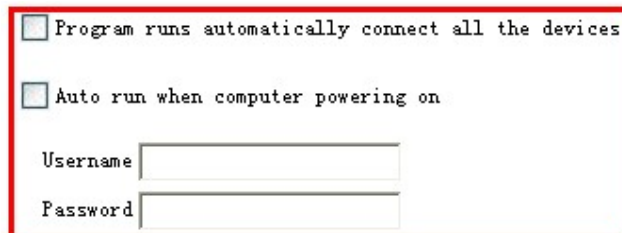
30

☒ MJPEG Add timestamp on record

☐ Alarm pop-up E-map

1. **Alarm Record:** Select this to activate record function once alarmed.
2. **Alarm recording time:** Set the duration for every alarm, this can be 30/60/120/180/300 seconds.
3. **MJPEG add timestamp on record:** Select this to enable the function.
4. **Alarm pop-up E-map:** Select this to enable the function, this will pop-up the E-map which was set once alarmed.

2.3.1.4 Auto run



☐ Program runs automatically connect all the devices

☐ Auto run when computer powering on

Username

Password

1. **Program runs automatically connect all the devices:** If selected, when running the program, this will connect all the devices which were set successfully automatically.
2. **Auto run when computer powering on:** If selected, when your computer starts up the software will run automatically. You can save the username and password here in advance.

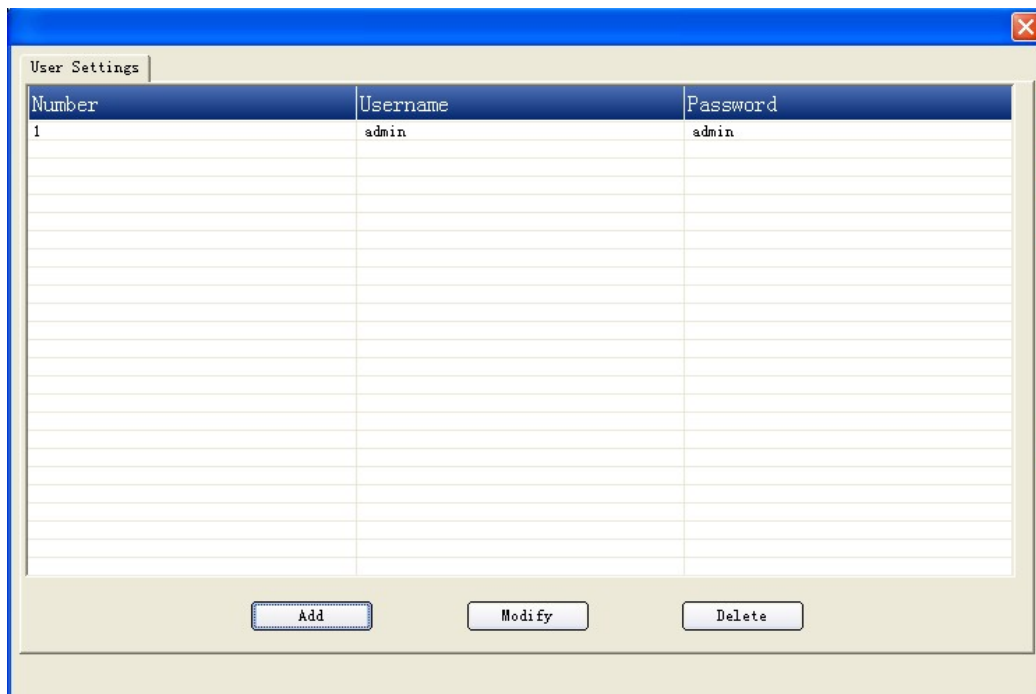
2.3.1.5 Version



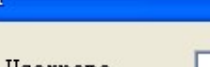
Click **Version** to get the version details of the software.

2.3.2 User Settings

Click this to login to the user settings interface as shown below:



Click **Add** to set user accounts.



Fill in the username, password, then click **OK** to submit.

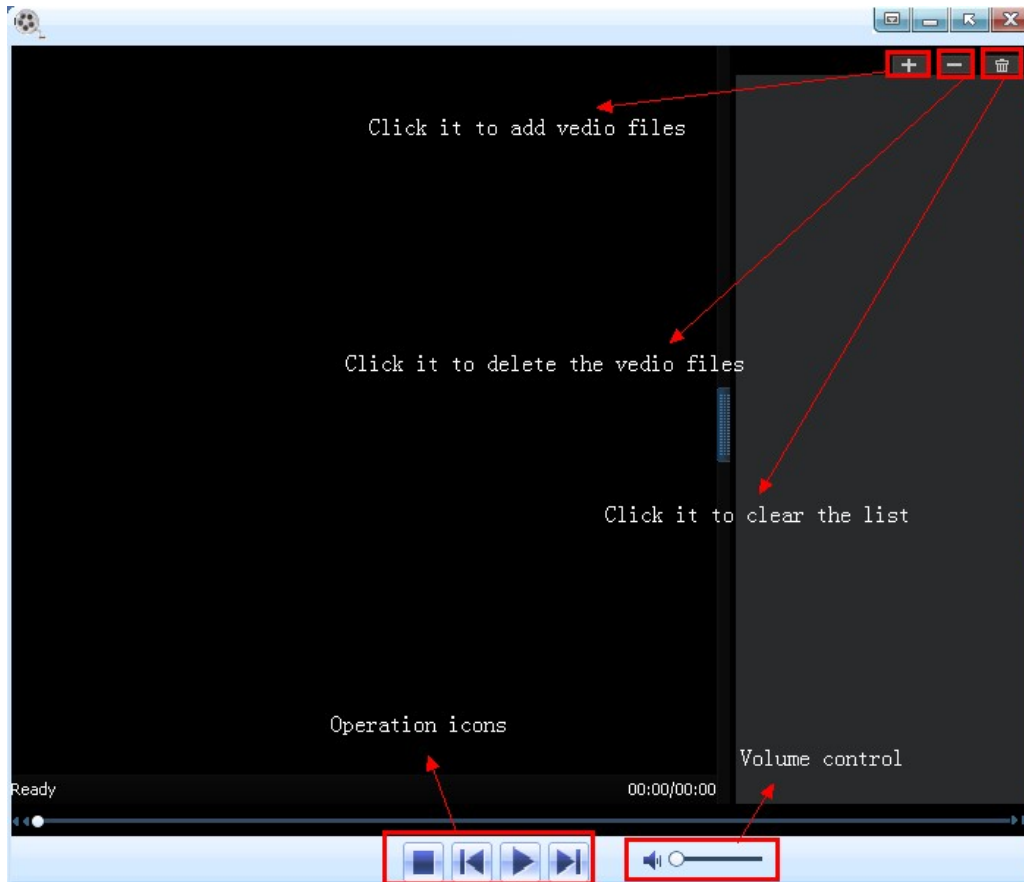
2.3.3 Device List

Clicking this will show all the devices connected as shown below:

[illegible]

2.3.4 Search File (Playback)

Clicking this will pop-up the search file interface as shown below:



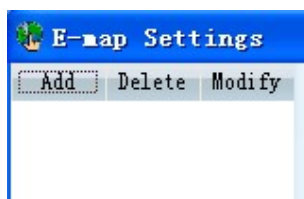
2.4. For E-map



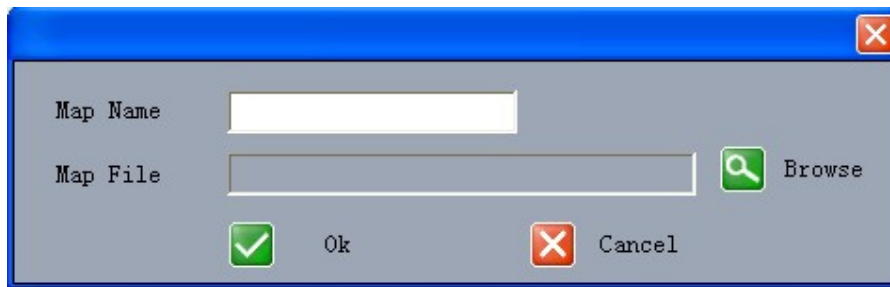
Show Map: Clicking this will pop-up the E-map which has been set successfully already.



Set Map: Clicking this will pop-up the E-map settings interface.



Add: Click this to add a new map, it will pop-up the window as shown below, set the map name and browse the map to activate it.



NOTE: Only supports “.bmp” format images.

Delete: Choose the map first, click delete to remove the map.

Modify: Choose the map first, click modify to change/modify the map.

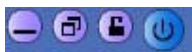
2.5. Log



Search Log: Click this to search the log of the software.

Map settings: Please note that you need to set the map in your LAN network before using map function.

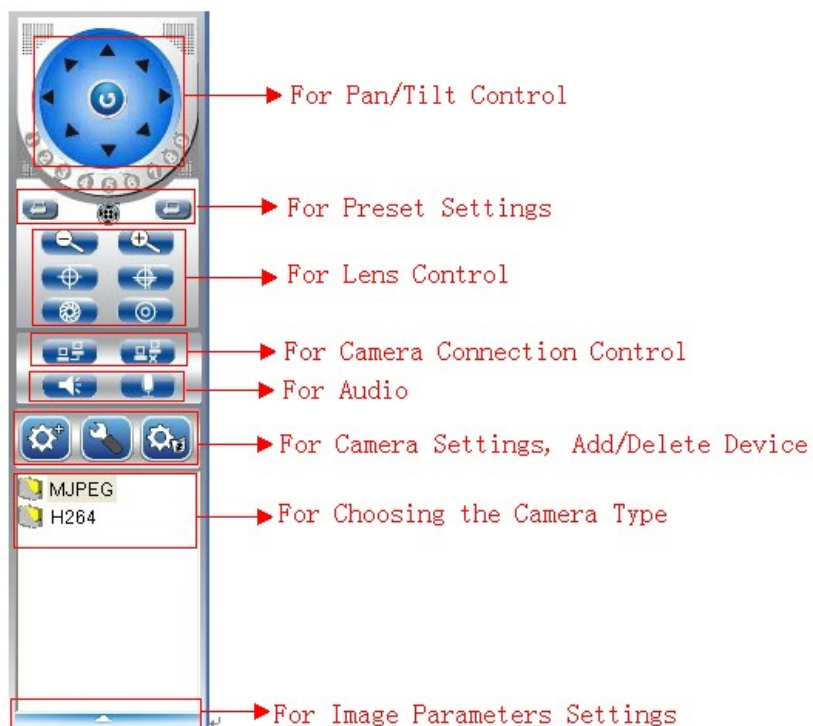
2.6. Software Interface Operation



Shown at the top right corner of the screen, from left to right, this means:

1. Minimize the program interface.
2. Maximization the program interface.
3. Lock/Unlock the program.
4. Close the program.

2.7. For Rightside Panel Icons

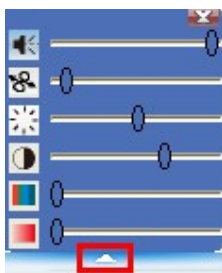


NOTE: Choose the type which matches your IP camera.

MJPEG: For all the MJPEG series IP Cameras (Models XX34A, XX36A, and XX40A).

H.264: For the H.264 IP Camera (Mode XX39A).

Click the up arrow at the bottom, this will pop-up the image parameter settings:




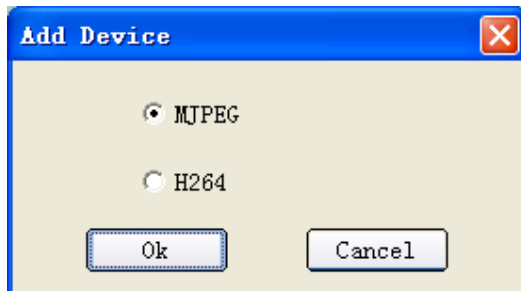
3. HOW TO SET THE DEVICE (FOR MJPEG)

Before connecting the IP Camera, please make sure the firmware of your IP camera (MJPEG) begins with: 17.22.2.**(XX34A) / 17.25.2.**(XX36A/XX40A).

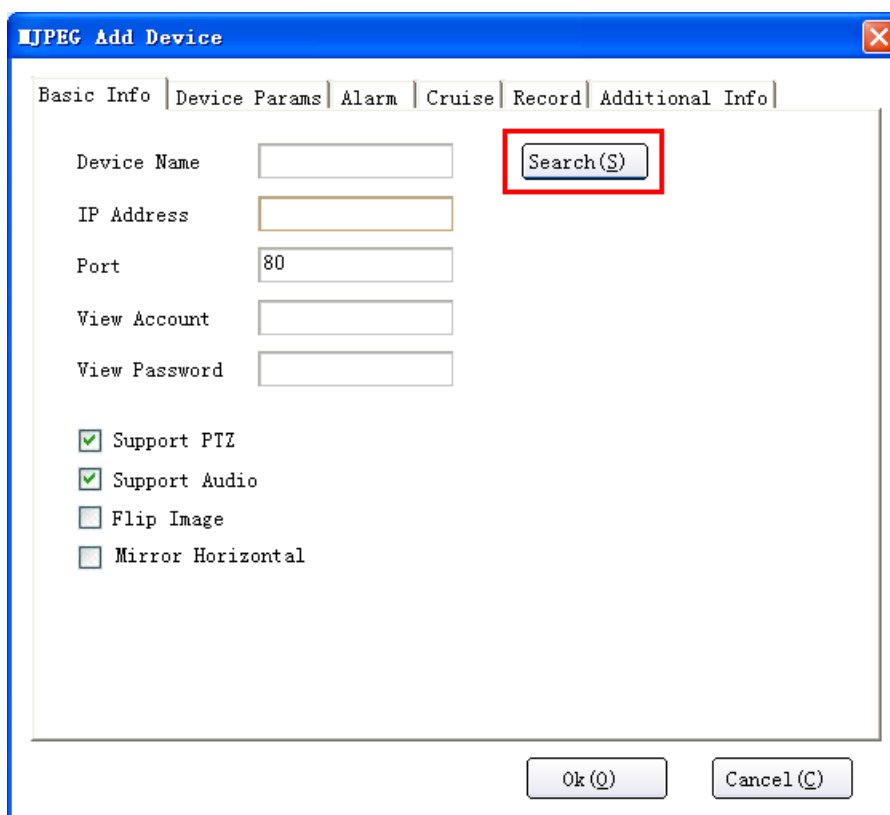
NOTE: For H.264 series cameras, it's the same settings.

3.1 Add Device

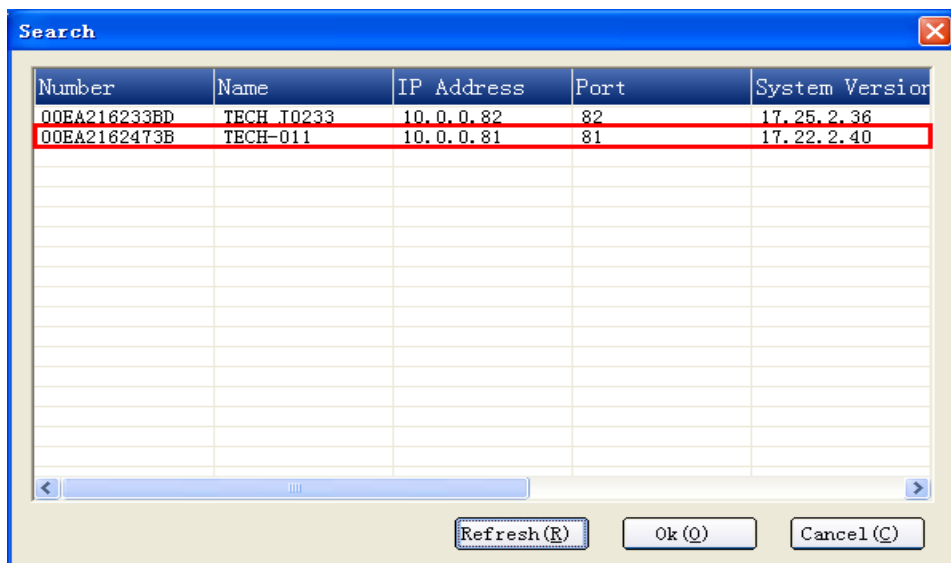
Clicking  will pop-up the window as shown below:



Choose MJPEG, then click **OK**, this will pop-up the window as shown below. (Or choose H264 if your camera is model XX39A).



Clicking **Search**, will pop-up the result:



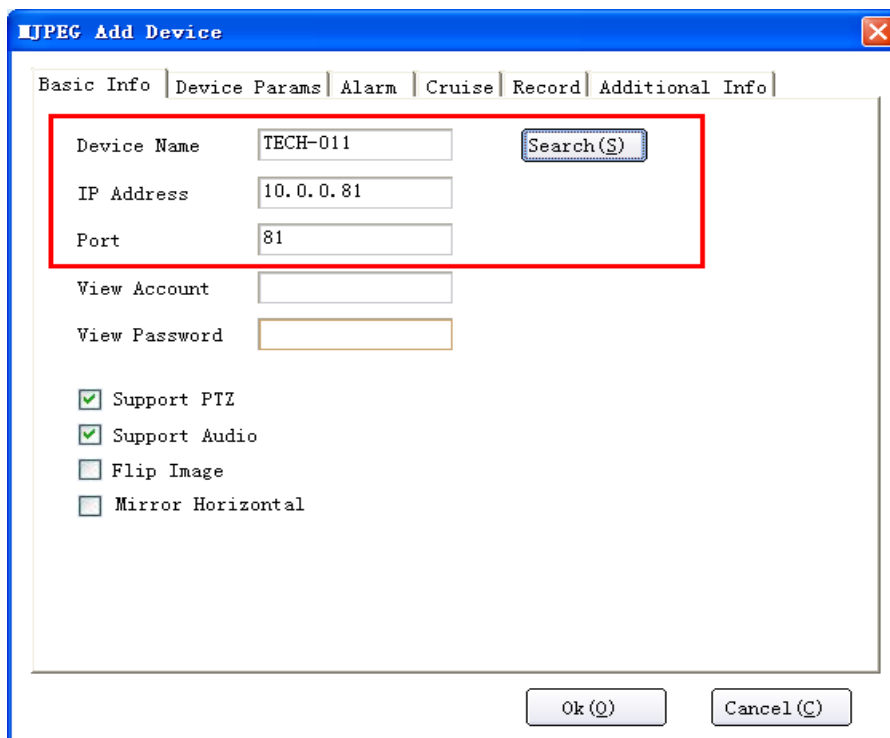
The 'Search' dialog box displays a table with the following data:

Number	Name	IP Address	Port	System Version
00EA216233BD	TECH_I0233	10.0.0.82	82	17.25.2.36
00EA2162473B	TECH-011	10.0.0.81	81	17.22.2.40

At the bottom of the dialog are three buttons: 'Refresh(R)', 'Ok(O)', and 'Cancel(C)'.

If there are no cameras listed, check the firmware version to see if it starts with 17.*.*. If the firmware version is correct, and there is still no cameras listed, maybe your computer's IP address doesn't match with the camera's IP address, or they are not in the same LAN. Change your computer's IP address to the same LAN as your camera's.

Choose the IP camera, and click **OK** to show the Basic Info page:



The 'JPEG Add Device' dialog box, 'Basic Info' tab, contains the following fields and options:

- Device Name: TECH-011
- IP Address: 10.0.0.81
- Port: 81
- View Account: [Empty text box]
- View Password: [Empty text box]
- Search(S) button
- Support PTZ: ☒
- Support Audio: ☒
- Flip Image: ☐
- Mirror Horizontal: ☐

At the bottom are 'Ok(O)' and 'Cancel(C)' buttons.

Device Name: The name of the camera.

IP Address: The IP address of the camera.

If you use DDNS to view the camera, enter the DDNS domain name here, remove the "http://", for example, if the DDNS <http://test.aipcam.com:95> sets successfully, then type "test.aipcam.com" in the IP Address.

Port: The port of the camera.

Once all this information is shown, the firmware of the camera is correct, and the software works well, then just enter the View Account and View Password you have set:

View Account: The user name of the camera. (Default is admin).

View Password: The password of the camera. (Default is no password).

MJPEG Add Device

Basic Info | Device Params | Alarm | Cruise | Record | Additional Info

Device Name: TECH-011 Search(S)

IP Address: 10.0.0.81

Port: 81

View Account: []

View Password: []

☒ Support PTZ

☒ Support Audio

☐ Flip Image

☐ Mirror Horizontal

Ok(O) Cancel(C)

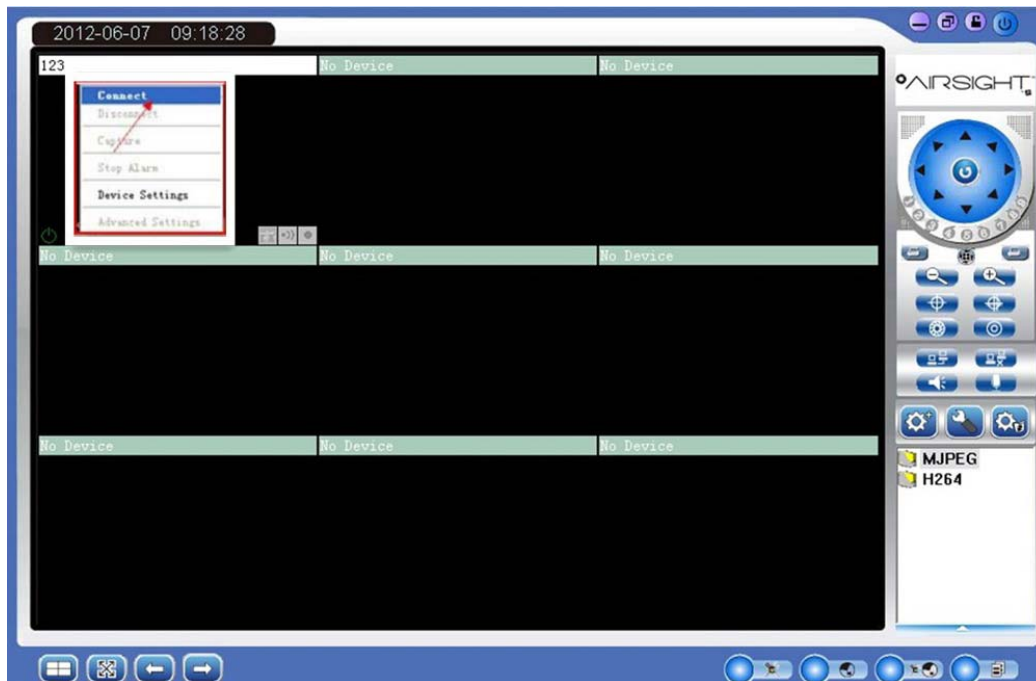
Support PTZ: Enable this to active Pan/Tilt/Zoom (if available for your camera type).

Support Audio: Enable this to activate the audio function.

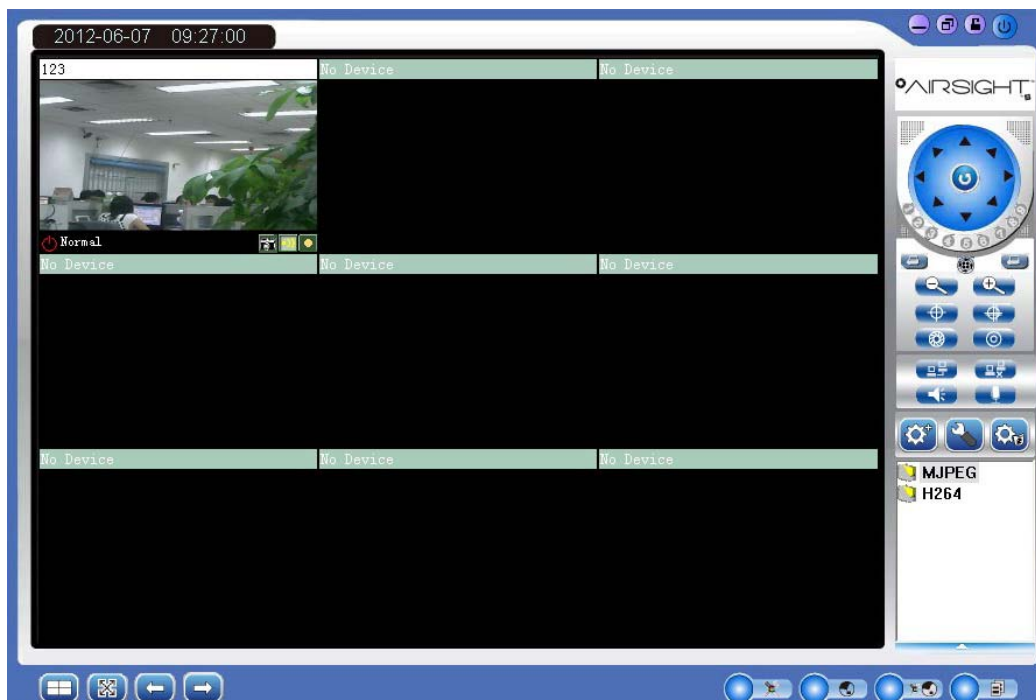
Flip Image: Enable this to vertically flip the image. I.E., for ceiling mount, etc.

Mirror Horizontal: Enable this to horizontally flip (mirror) the image.

After you're done, click **OK** to go back to the software interface:



Move the mouse to the window where the camera name shows, then right-click, choose **Connect**, it will show the live video:




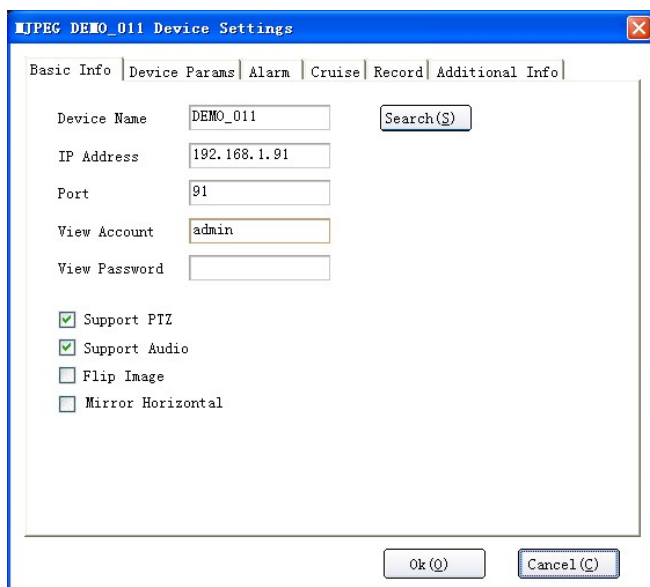
To add more cameras, do the same steps.

3.2 Device Setting

3.2.1 Basic Info.



Click  or right-click on the channel window, choose “Device Settings”, this will pop-up the window showing the basic info for the device connected as shown below:



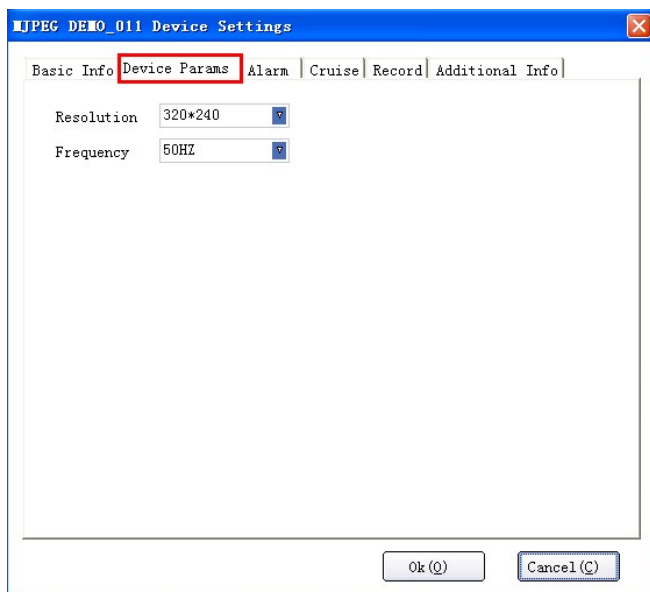
The screenshot shows the 'JPEG DEMO_011 Device Settings' window with the 'Basic Info' tab selected. The window has a blue title bar and a standard Windows-style interface. The 'Basic Info' tab is highlighted in the top menu. The main area contains several input fields and checkboxes. The 'Device Name' field is set to 'DEMO_011' and has a 'Search(S)' button next to it. The 'IP Address' field is set to '192.168.1.91'. The 'Port' field is set to '81'. The 'View Account' field is set to 'admin'. The 'View Password' field is empty. Below these fields are four checkboxes: 'Support PTZ' (checked), 'Support Audio' (checked), 'Flip Image' (unchecked), and 'Mirror Horizontal' (unchecked). At the bottom of the window are 'Ok (O)' and 'Cancel (C)' buttons.

Field	Value
Device Name	DEMO_011
IP Address	192.168.1.91
Port	81
View Account	admin
View Password	

Support PTZ: ☒
Support Audio: ☒
Flip Image: ☐
Mirror Horizontal: ☐

3.2.2 Device Params.

Click **Device Params**, this will show the information as below:



The screenshot shows the 'JPEG DEMO_011 Device Settings' window with the 'Device Params' tab selected. The 'Device Params' tab is highlighted in the top menu. The main area contains two dropdown menus: 'Resolution' set to '320*240' and 'Frequency' set to '50HZ'. At the bottom of the window are 'Ok (O)' and 'Cancel (C)' buttons.

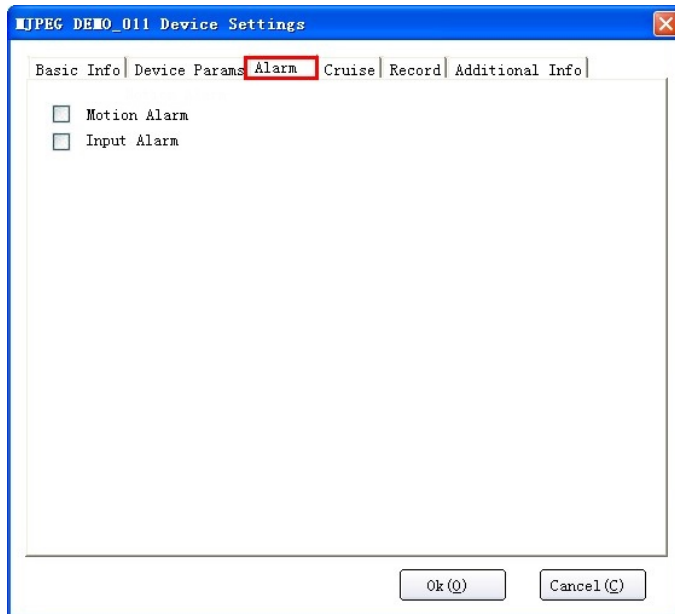
Field	Value
Resolution	320*240
Frequency	50HZ

Resolution: 320*240, 640*480 optional.

Frequency: 50HZ, 60HZ, Outdoor optional.

3.2.3 Alarm

Clicking **Alarm**, will show the information as below:



Motion Alarm: Enable to active the motion detection alarm function.

Input Alarm: Enable to active the I/O input alarm function.

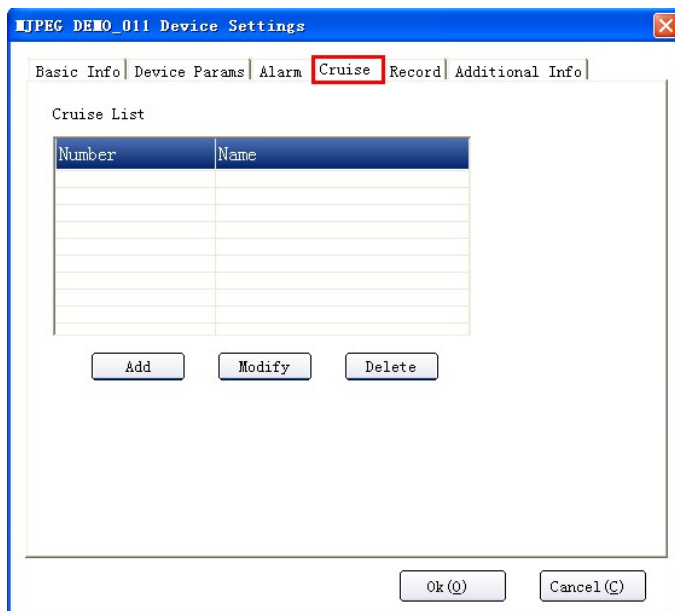
3.2.4 Cruise

Click **Cruise**, or click the icon on the rightside panel

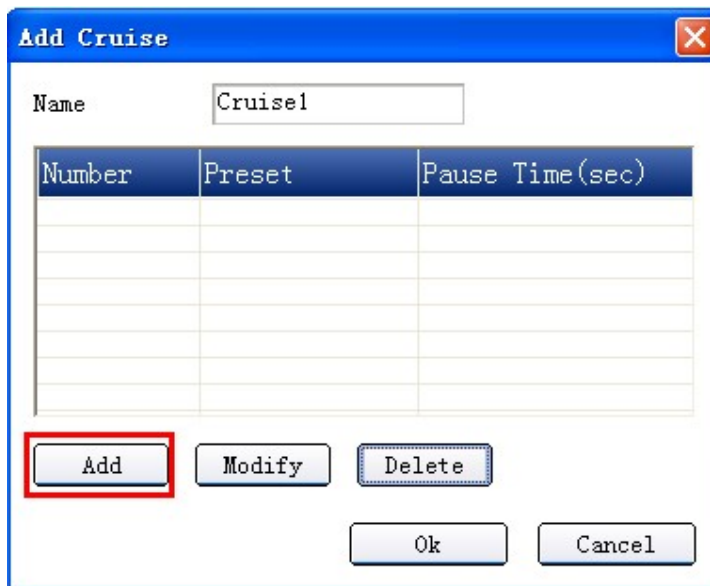


this will show the

information as below:



Clicking **Add** will pop-up the add cruise window:




The 'Add Cruise' dialog box has a blue title bar with a close button. It contains a 'Name' text field with the value 'Cruise1'. Below this is a table with three columns: 'Number', 'Preset', and 'Pause Time(sec)'. The table has five empty rows. At the bottom, there are four buttons: 'Add' (highlighted with a red rectangle), 'Modify', 'Delete', 'Ok', and 'Cancel'.

Number	Preset	Pause Time(sec)

Up to 10 cruise positions are supported.

Click **Add** to set a preset cruise position.



The 'Add Preset' dialog box has a blue title bar with a close button. It contains two dropdown menus: 'Preset' with the value '1' and 'Pause' with the value '1'. At the bottom, there are two buttons: 'Ok' and 'Cancel'.

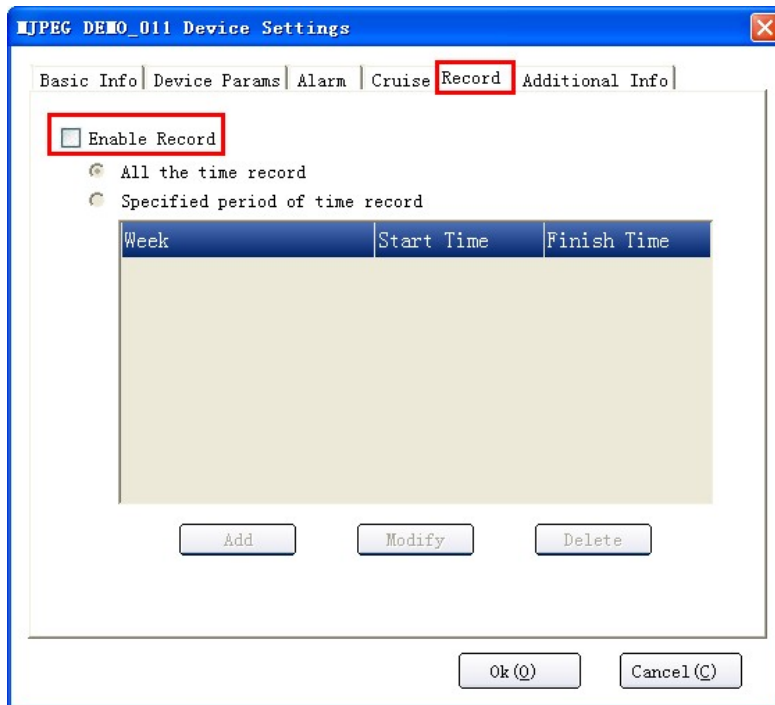
Preset: Choose the preset you set already, this can be from 1-9.

Pause: Set the duration for each preset, this can be from 1-60 seconds.

NOTE: Before using the cruise function, you need to set preset first, up to 9 presets can be set. (For details see chapter 4. **Preset Settings**).

3.2.5 Record

Clicking **Record**, will show the information as below:

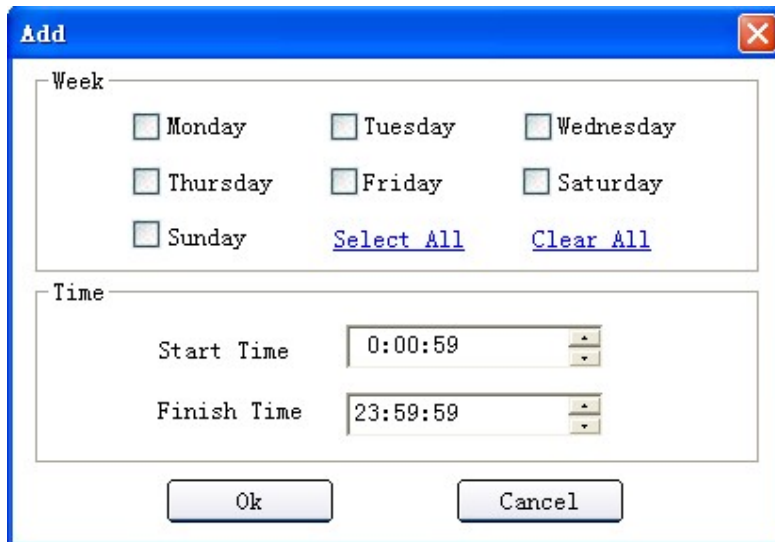


Enable Record: Click this to activate the record function.

All the time record: Select to activate record function all the time.

Specified period of the time record: Select to activate special time record function.

If enable specified period of the time record, clicking add, will pop-up the window as below:

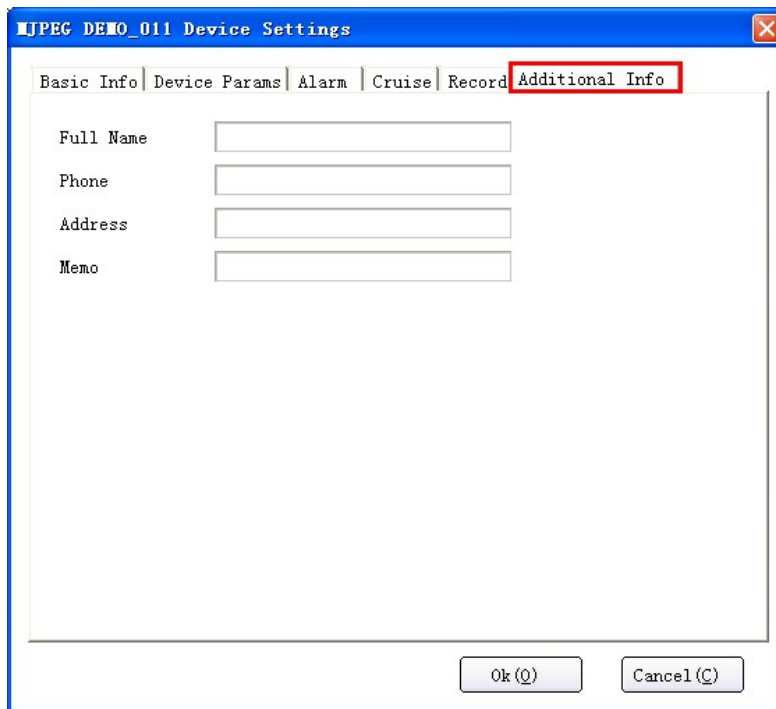


Week: Set the day for every week.

Time: Set the start time and finish time for activating record.

3.2.6 Additional Info

Clicking Additional Info will show the information as below:

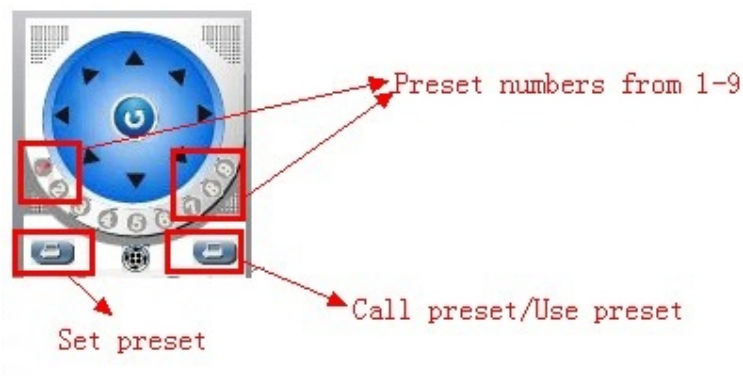


The screenshot shows a software window titled "JPEG DEMO_011 Device Settings". It has a tabbed interface with the following tabs: "Basic Info", "Device Params", "Alarm", "Cruise", "Record", and "Additional Info". The "Additional Info" tab is selected and highlighted with a red box. Inside this tab, there are four input fields labeled "Full Name", "Phone", "Address", and "Memo". At the bottom of the window, there are two buttons: "Ok (O)" and "Cancel (C)".

You can set additional information for this device, such as **Full name**, **Phone**, **Address**, **Memo** etc.

4. PRESET SETTINGS

On the rightside panel, there are some icons for preset, details as shown below:



Numbers 1-9: Means the preset positions, this software supports up to 9 presets.

Set Preset: Click this to set the preset position.

Use Preset: Click this to call the preset position.

STEPS:

1. Select the number you want to set, such as 1.
2. Rotate the camera to a special position you want to set as preset.
3. Click Set preset icon to set this position as preset 1. Do the same steps for other presets, such as preset 2, preset 3...
4. If you want to check the preset 3, select the number 3 first, then click use preset icon, then the camera will rotate to the appointed position that you set.

5. SHORTCUT KEY ON SCREEN

Move the mouse to the window where the camera name is shown, then right-click, to show the pop-up the window as below:



Connect: Click this to connect to the device set already.

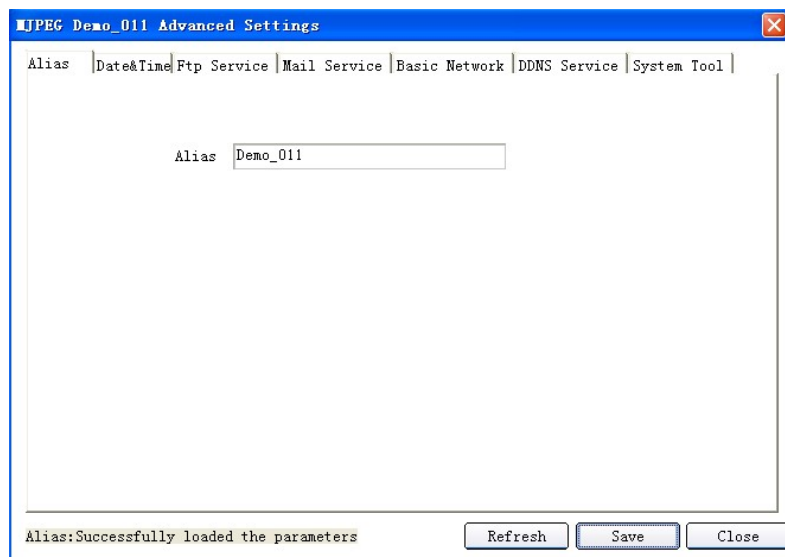
Disconnect: Click this to disconnect the device which is showing live video.

Capture: Click this to take a snapshot, pictures will be saved to the appointed file.

Stop Alarm: Click this to stop alarm. When there is alarm active, you can click it to stop it.

Device Settings: Click this to pop-up the Device Settings interface.

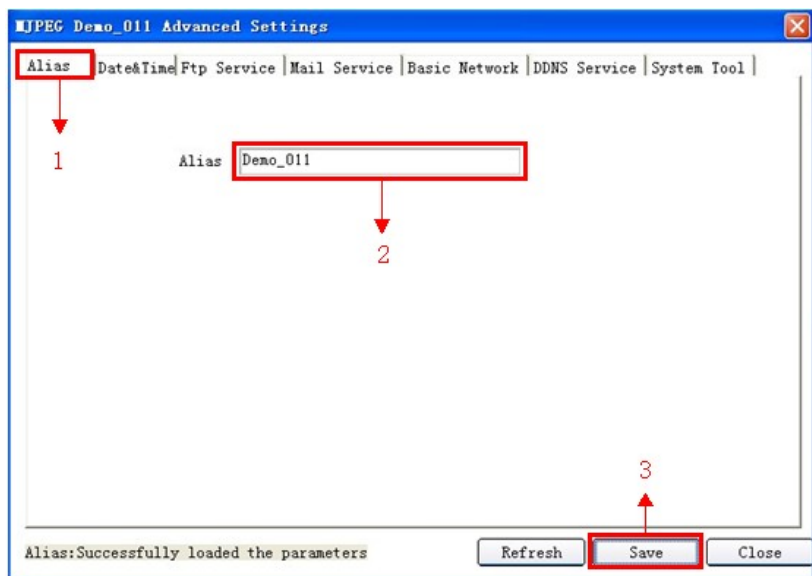
Advanced Settings: Click this to pop-up the advanced settings contents as below:



5.1 Advanced Settings:

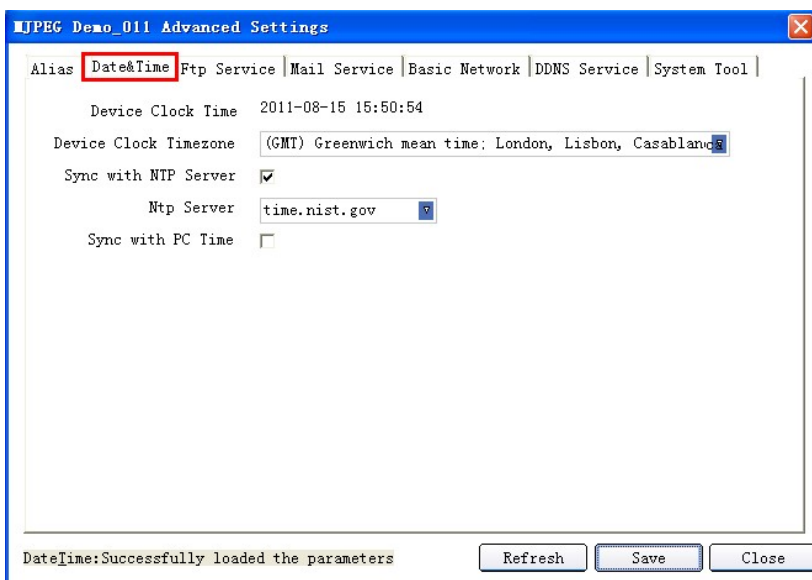
NOTE: For all the advanced settings details, please check the user manual for your model of camera.

Alias: Set the device name.



Date & Time: Set the date & time for the device.

1. Set time zone.
2. Synchronization with NTP server.
3. Synchronization with PC time. (The PC connected to the camera).



FTP Service: Set the FTP functions, you can upload images to your FTP server when motion is detected.

The screenshot shows the 'FTP Service' tab selected in the 'JPEG Demo_011 Advanced Settings' window. The tab is highlighted with a red box. The settings include:

- FTP Server: [Empty text box]
- FTP Port: [0]
- FTP User: [Empty text box]
- FTP Password: [Empty text box]
- FTP Upload Folder: [Empty text box]
- FTP Mode: [PORT] (dropdown menu)
- Test: [Button]
- Upload Image Now: ☐

At the bottom, a status bar reads 'Ftp Service:Successfully loaded the parameters'. Below the status bar are three buttons: 'Refresh', 'Save', and 'Close'.

Mail Service: Enable the camera to send email alerts when motion is detected. Make sure the sender mailbox server provider supports SMTP.

The screenshot shows the 'Mail Service' tab selected in the 'JPEG Demo_011 Advanced Settings' window. The tab is highlighted with a red box. The settings include:

- Sender: [Empty text box]
- Receiver 1: [Empty text box]
- Receiver 2: [Empty text box]
- Receiver 3: [Empty text box]
- Receiver 4: [Empty text box]
- SMTP Server: [Empty text box]
- SMTP Port: [0]
- Transport Layer Security Protocol: [None] (dropdown menu)
- Need Authentication: ☐
- Test: [Button]
- Report Internet IP by: ☐

At the bottom, a status bar reads 'Mail Service:Successfully loaded the parameters'. Below the status bar are three buttons: 'Refresh', 'Save', and 'Close'.

Basic Network: Set the basic network parameters for the device, such as **IP address**, **Subnet Mask**, **Gateway**, **DNS Server**, **Http Port** etc.

The screenshot shows the 'Basic Network' tab selected in the 'MJPEG Demo_011 Advanced Settings' window. The 'Obtain IP from DHCP' checkbox is unchecked. Below it, several input fields are populated with the following values:

Field	Value
IP Addr	192.168.1.91
Subnet Mask	255.255.255.0
Gateway	192.168.1.1
DNS Server	211.162.78.1
Http Port	91

At the bottom of the window, a status bar displays the message 'Basic Network: Successfully loaded the parameters'. To the right of this message are three buttons: 'Refresh', 'Save', and 'Close'.

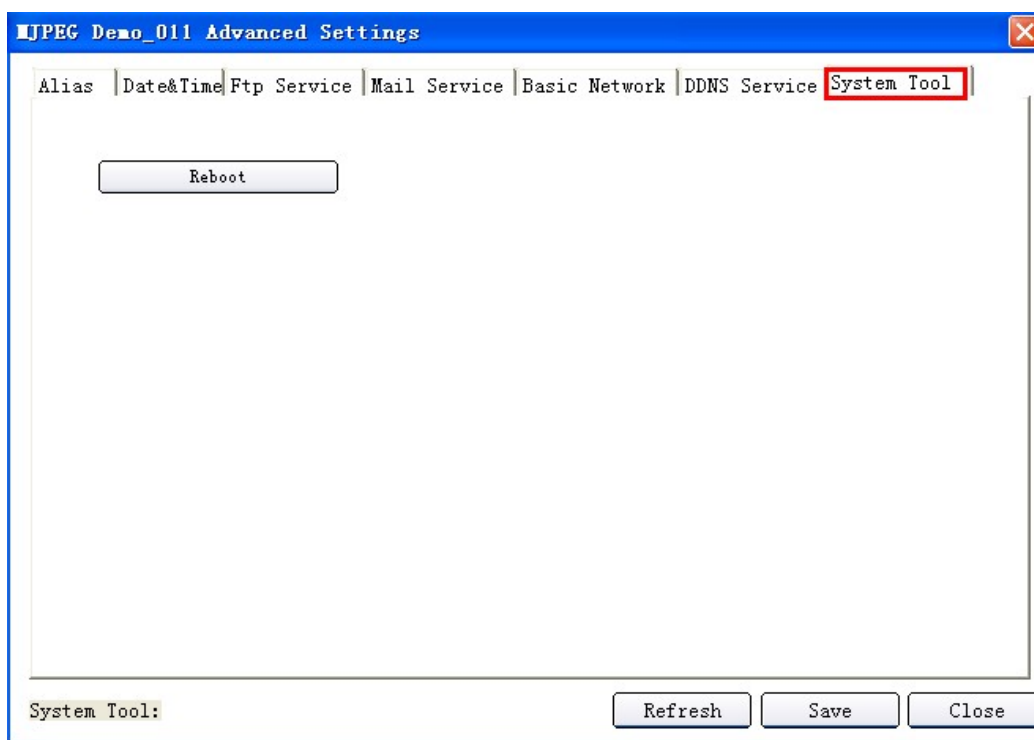
DDNS Service: Set the DDNS function, it supports **Manufacturer's DDNS** and **Third Party DDNS**.

The screenshot shows the 'DDNS Service' tab selected in the 'MJPEG Demo_011 Advanced Settings' window. The 'Manufacturer's DDNS' section contains a text field for 'Manufacturer's Domain' with the value 'a0581.aipcam.com'. The 'Third Party DDNS' section features a dropdown menu for 'DDNS Service' currently set to 'None'. A red box highlights the dropdown's list of options:

- None
- Oray.net
- DynDns.org (dyndns)
- DynDns.org (statdns)
- DynDns.org (custom)
- 3322 (statdns)
- 3322 (dyndns)

At the bottom of the window, a status bar displays the message 'DDNS Service: Successfully loaded the parameters'. To the right of this message are three buttons: 'Refresh', 'Save', and 'Close'.

System Tool: You can reboot the camera here.



5.2 Three Icons on screen

Once the device is connected, there will be three icons on the bottom right, as below:





Capture: Click this to take a snapshot.




Alarm Notify: When there is any alarm, this icon will change to red color.



Record: When record function is active, this icon will change to red color.



Clicking the record icon  will pop-up the window as below:



Stop Record: Click this to stop recording.


Record has been: Record always.

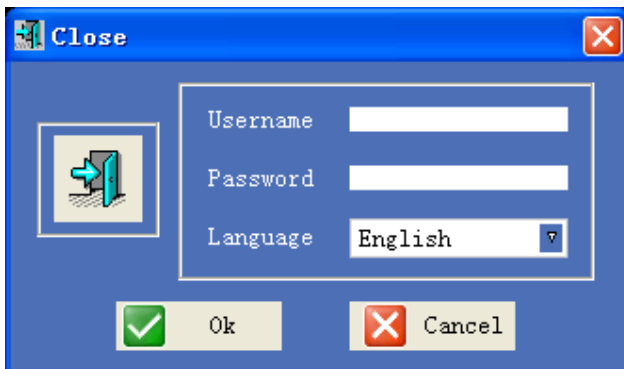
Plan Record: Record according to the plan.

Settings: Click this to set the record settings. It's the same as the record device settings.

6. LOGOUT



Clicking  at the top right of the screen will pop-up the window as below:



Enter your username and password, click **OK** to logout.

The factory settings are: **username:** admin; **password:** blank (or admin), or use yours if you changed it, see page 9.

7. OBTAINING TECHNICAL SUPPORT

We hope your experience with your IP network camera is enjoyable, but if you experience any issues or have any questions that this User's Guide has not answered, please visit www.x10.com/support, e-mail support@x10.com or call 1-800-442-5065. If your camera does not support some special functions shown in this manual, please contact our technical support team to obtain the latest Firmware and WEB UI file for upgrading.

FCC Caution

THIS DEVICE COMPLIES WITH PART 15 OF THE FCC RULES.

OPERATION IS SUBJECT TO THE FOLLOWING TWO CONDITIONS:

- (1) THIS DEVICE MAY NOT CAUSE HARMFUL INTERFERENCE, AND
- (2) THIS DEVICE MUST ACCEPT ANY INTERFERENCE RECEIVED, INCLUDING INTERFERENCE THAT MAY CAUSE UNDESIRE OPERATION.

This equipment generates and uses radio frequency energy, and if not installed and used properly, that is, in strict accordance with the manufacturer's instructions, it may cause interference to radio and television reception. It has been type tested and found to comply with the limits for remote control devices in accordance with the specifications in Sub-Parts B and C of Part 15 of FCC Rules, which are designed to provide reasonable protection against such interference in a residential installation. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause interference to radio or television reception, which can be determined by unplugging the equipment, try to correct the interference by one or more of the following measures.

- Reorient the antenna of the radio/TV experiencing the interference.
- Relocate the equipment with respect to the radio/TV.
- Move the equipment away from the radio/TV.
- Plug the equipment into an outlet on a different electrical circuit from the radio/TV experiencing the interference.
- If necessary, consult your local dealer for additional suggestions.

NOTE: Modifications to this product will void the user's authority to operate this equipment.

X10 Wireless Technology, Inc. 90 Day Limited Warranty

X10.com, a division of X10 Wireless Technology, Inc. (X10) warrants X10 products to be free from defective material and workmanship for a period of 90 days from the original date of purchase at retail. X10 agrees to repair or replace, at its sole discretion, a defective X10 product if returned to X10 within the warranty period and with proof of purchase. If service is required under this warranty:

Call 1-800-675-3044, visit www.x10.com, or e-mail support@x10.com.

For help or more information on setup, please visit: www.x10.com/support

X10 Wireless Technology, Inc., 400 Forge Way, Rockaway, NJ 07866