

IP High Speed Dome

User Manual

V2.21

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1. Introduction

1.1 Statement

This manual is intended for administrators and users of our IP High Speed Dome, to explain the features, and provide instructions for installation and operation.

This manual is based on IPC Client(v2.21) and IE V2.19, which shall be amended from time to time.

1.2 Technical Terms

IPC: Internet Protocol Camera

720P: 720P refers to a progressive HDTV signal with 720 horizontal lines and an aspect ratio (AR) of 16:9 (1.78:1), and all major high definition(HD) TV broadcasting standards include a 720p format which has a resolution of 1280x720. The number '720' stands for the 720 horizontal scan lines of display resolution (also known as 720 pixels of vertical resolution), while the letter *p* stands for progressive scan or non-interlaced.

H.264: H.264 is a standard for video compression, and is currently one of the most commonly used formats for the recording, compression, and distribution of high definition video.

Frame: Frame is electronically coded still image in video technology.

Frame rate: The number of frames—or images—displayed on screen per unit of time, usually expressed in frames per second (FPS). Higher frame rate means smoother movement during playback.

Bit Rate: Bit Rate is the number of bits that are conveyed or processed per unit of time, and is quantified using the bits per second (bit/s or bps) unit.

Micro SD Card: Micro SD Card (originally named TransFlash), comes with the size of 11*15*1.0MM, about a quarter of the standard SD Card. It can be used as standard SD Card with SD Card Adaptor.

OSD: On Screen Display

DDNS: DDNS or Dynamic DNS is a term used for the updating in real time of Internet Domain Name System (DNS) name servers to keep up to date the active DNS configuration of their configured hostnames, addresses and other information.

1.3 Working Environment

To ensure stable performance of our product, we suggest you run it under the environment shown as below:

CPU	Above Celeron 2.4G
Graphics Cards	Above 256M
OS	Windows
Hard Disk	Above 128M
Lan	100M, 1000M

2. Web Interface

2.1 Live View

Input IP Address of the IP Camera(default: 192.168.1.253) and select "English" at the up right corner of the interface.



P2.1

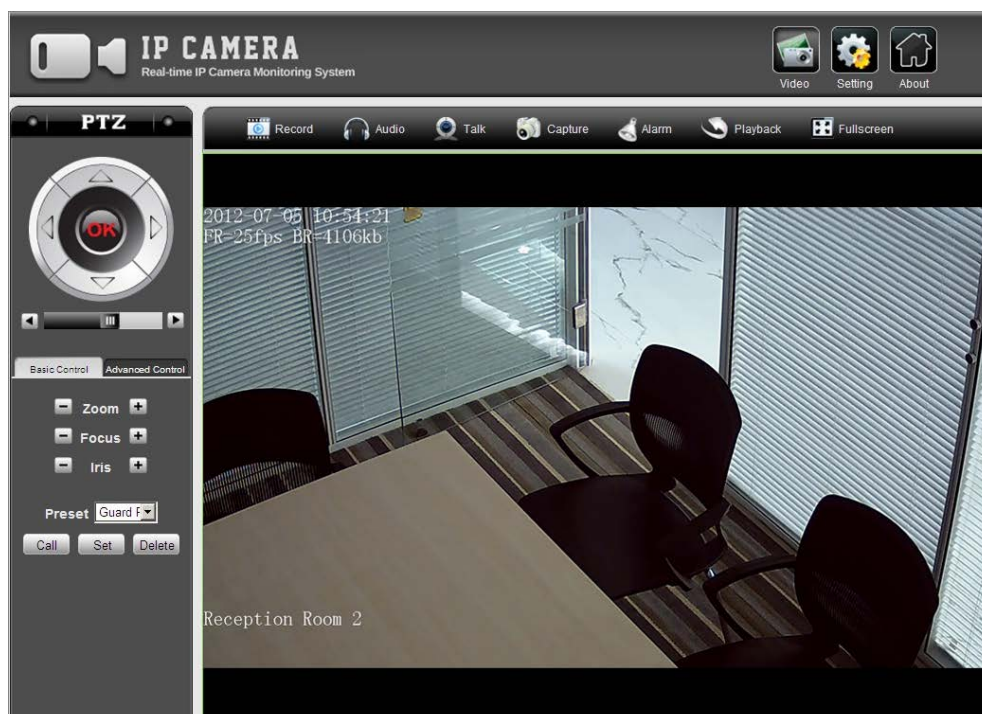
Click “Download ActiveX Control”. After successful download, run Setup and follow the installation steps. (This is also client software installation.)

After successful installation, input username (default: admin) and password (default: admin), then click “Login” and run ActiveX Control.













P2.2

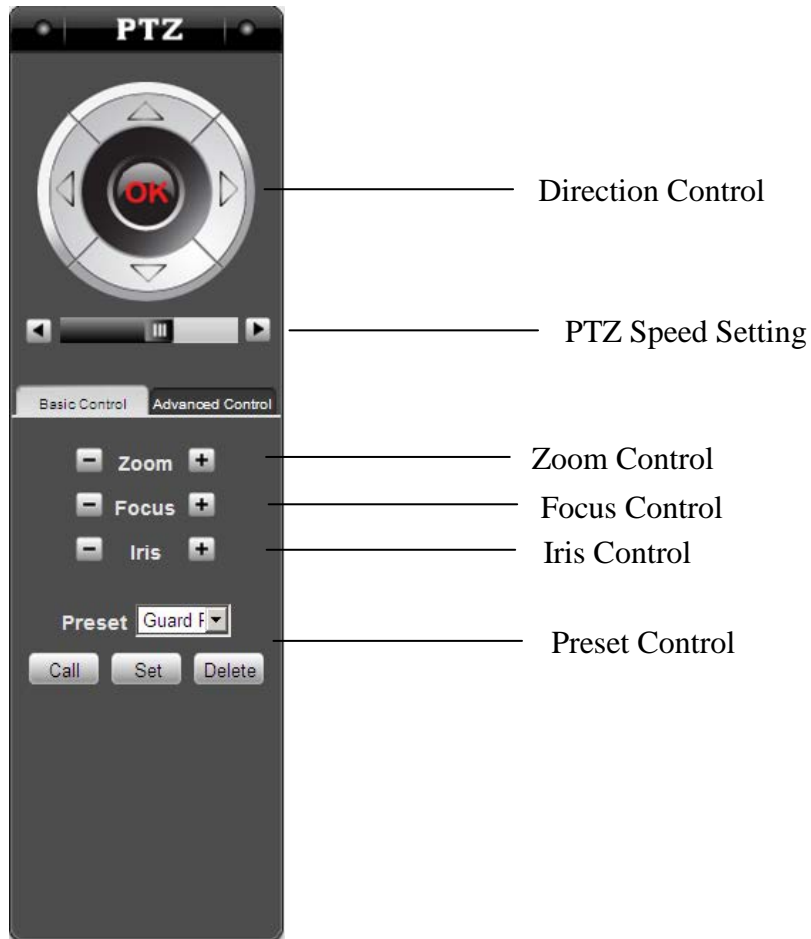
After successful login, user can view live video and set configurations.



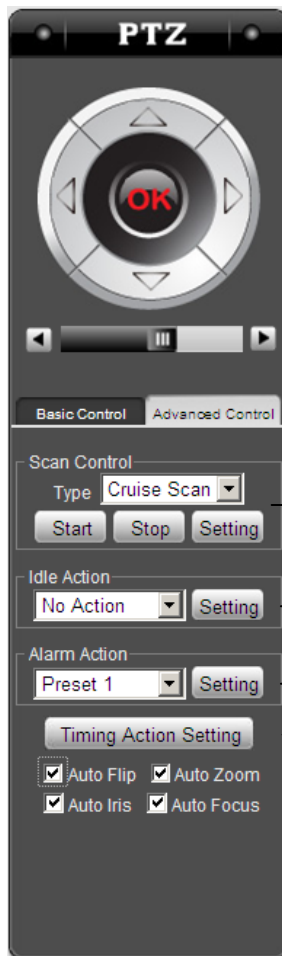
P2.3

Icon	Description
	Start/Stop Record
	Enable/Disable Audio
	Enable/Disable Talk
	Capture Picture
	Stop Alarm
	Start Playback
	Enter/Exit Full Screen
	Live View Interface
	Parameters Configuration
	Product Information

2.2 PTZ Control



P2.4



Scan Type Setting

Idle Action Setting

Alarm Action Setting

Timing Action Setting

P2.5

2.3 Setting

Click “Setting” to enter parameters configuration interface.

The screenshot displays the 'IP CAMERA' web interface. The top header includes the logo, the text 'IP CAMERA Real-time IP Camera Monitoring System', and three navigation icons: 'Video', 'Setting', and 'About'. A left sidebar contains a menu with 'Local Config' selected, along with other options like 'Device Config', 'Audio Setting', 'Video Setting', 'Network Setting', 'Record Setting', 'Alarm Setting', 'Serial Setting', and 'System Setting'. The main content area is titled 'Local Config' and contains the following fields: 'Stream Type' (a dropdown menu showing 'First Stream'), 'Record Path' (a text input field), 'Capture Path' (a text input field with a browse button), and 'Download Path' (a text input field with a browse button). A 'Save' button is located at the bottom of the configuration area.

P2.6

Local Configuration

User can set stream type, record, capture and download path.

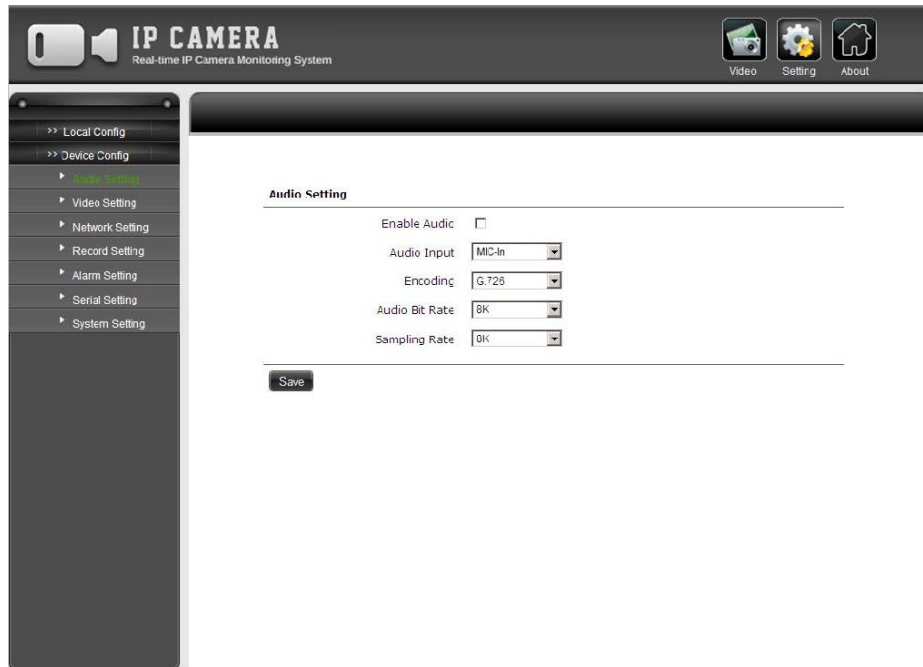
This screenshot is identical to the one above, showing the 'Local Config' settings page in the 'IP CAMERA' web interface. It details the 'Stream Type' dropdown, the 'Record Path', 'Capture Path', and 'Download Path' text input fields, and the 'Save' button.

P2.7

Device Configuration

Audio Setting

User can enable audio, set audio input, encoding, audio bit rate and sampling rate. When select “MIC-In”, camera will receive audio signal through internal microphone. When select “Line-In”, camera will receive audio signal through line-in connection.



The screenshot shows the 'IP CAMERA' web interface with the 'Audio Setting' page selected in the left sidebar. The main content area displays the following settings:

- Enable Audio: ☐
- Audio Input: MIC-In (dropdown menu)
- Encoding: G.726 (dropdown menu)
- Audio Bit Rate: 8K (dropdown menu)
- Sampling Rate: 8K (dropdown menu)

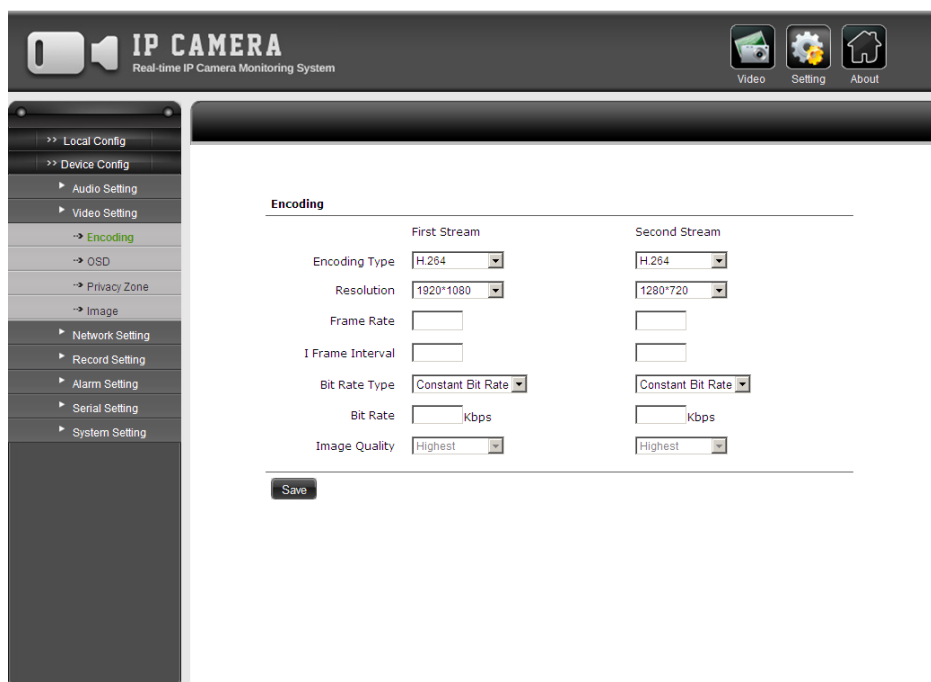
A 'Save' button is located at the bottom of the settings area.

P2.8

Video Setting

Encoding

User can set Encoding Type, Resolution, Frame Rate and so on for First and Second Stream.



The screenshot shows the 'IP CAMERA' web interface with the 'Encoding' page selected in the left sidebar. The main content area displays settings for two streams:

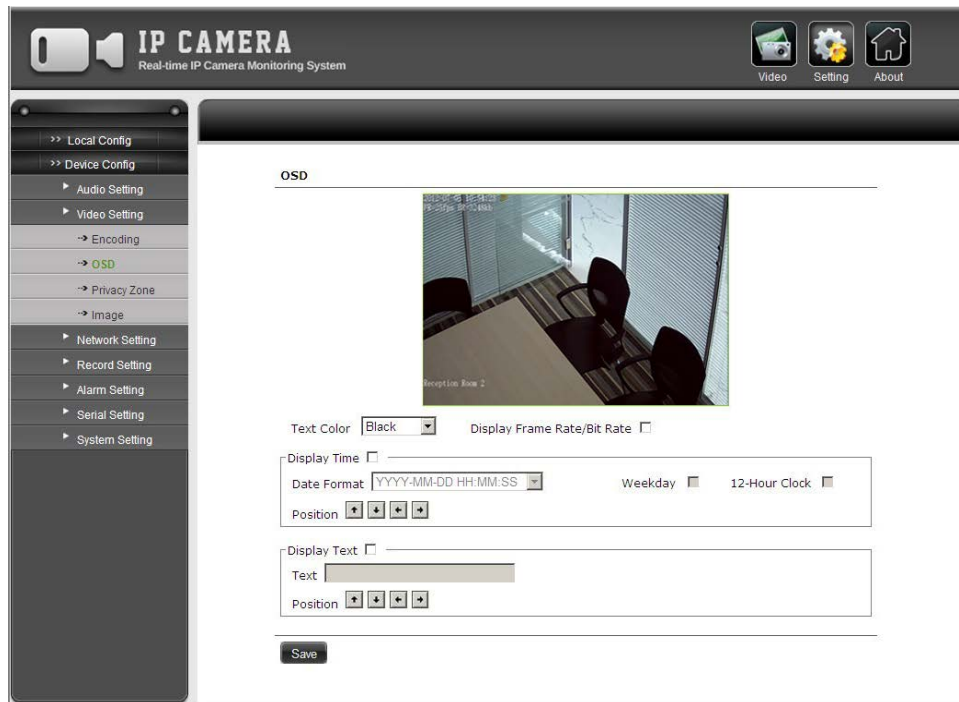
First Stream	Second Stream
Encoding Type: H.264 (dropdown)	Encoding Type: H.264 (dropdown)
Resolution: 1920*1080 (dropdown)	Resolution: 1280*720 (dropdown)
Frame Rate: (text input)	Frame Rate: (text input)
I Frame Interval: (text input)	I Frame Interval: (text input)
Bit Rate Type: Constant Bit Rate (dropdown)	Bit Rate Type: Constant Bit Rate (dropdown)
Bit Rate: (text input) kbps	Bit Rate: (text input) kbps
Image Quality: Highest (dropdown)	Image Quality: Highest (dropdown)

A 'Save' button is located at the bottom of the settings area.

P2.9

OSD

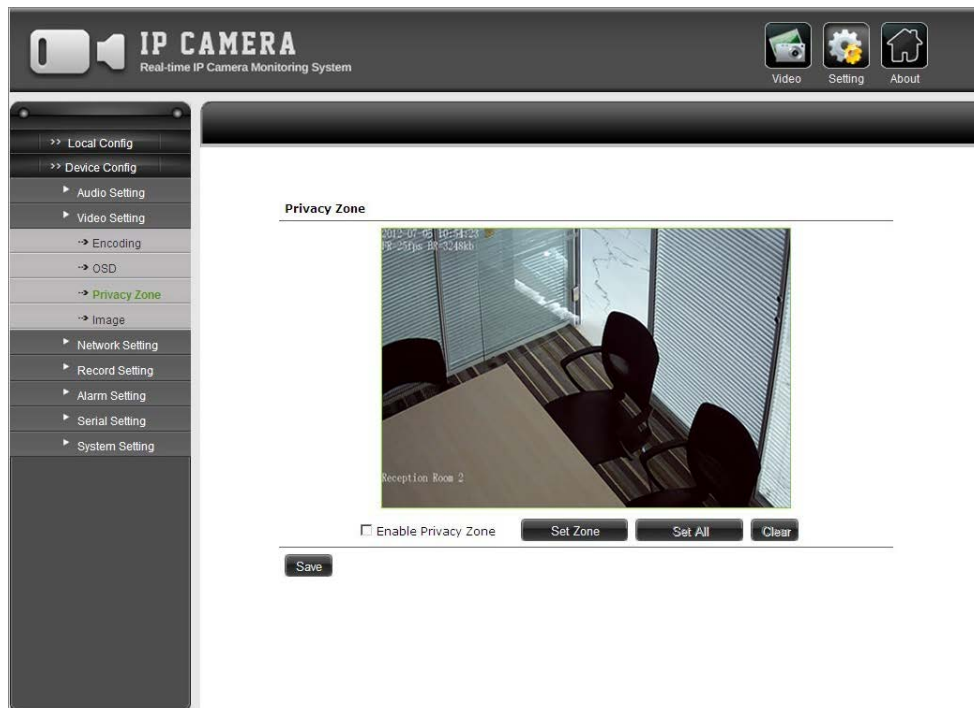
User can set the text displayed on the screen, including color, content, position, time format and so on.



P2.10

Privacy Zone

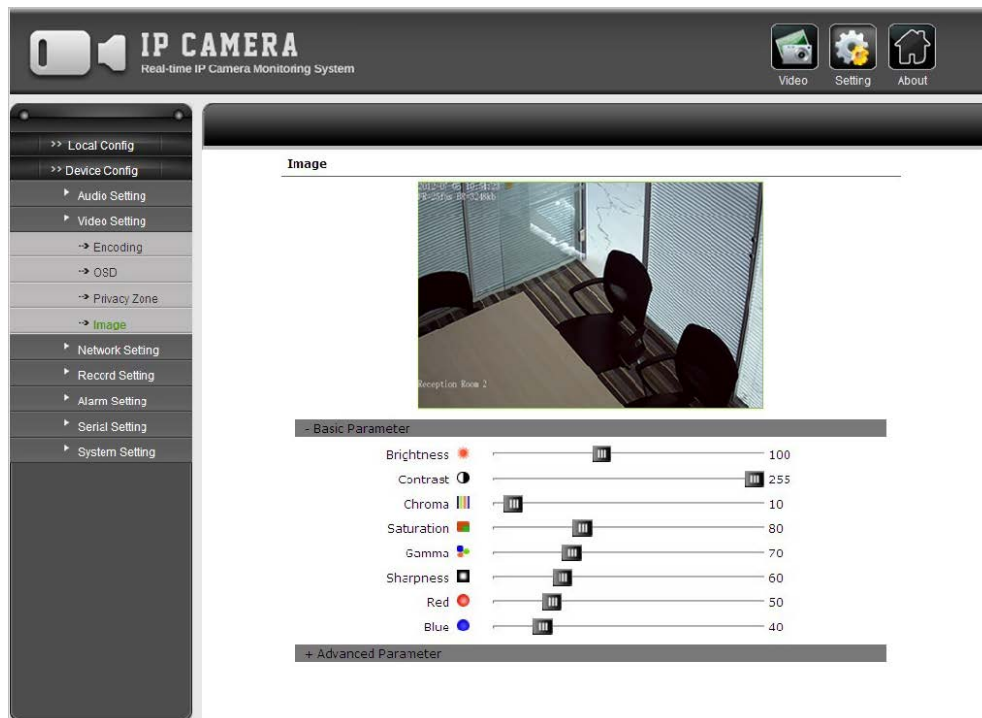
User can block the areas they don't want to show on the screen. Select checkbox "Enable Privacy Zone" and click "Set Zone", then user can click and drag the mouse to draw multiple privacy zones.



P2.11

Image

User can adjust the video parameters, flip and rotate the video and select the scene.

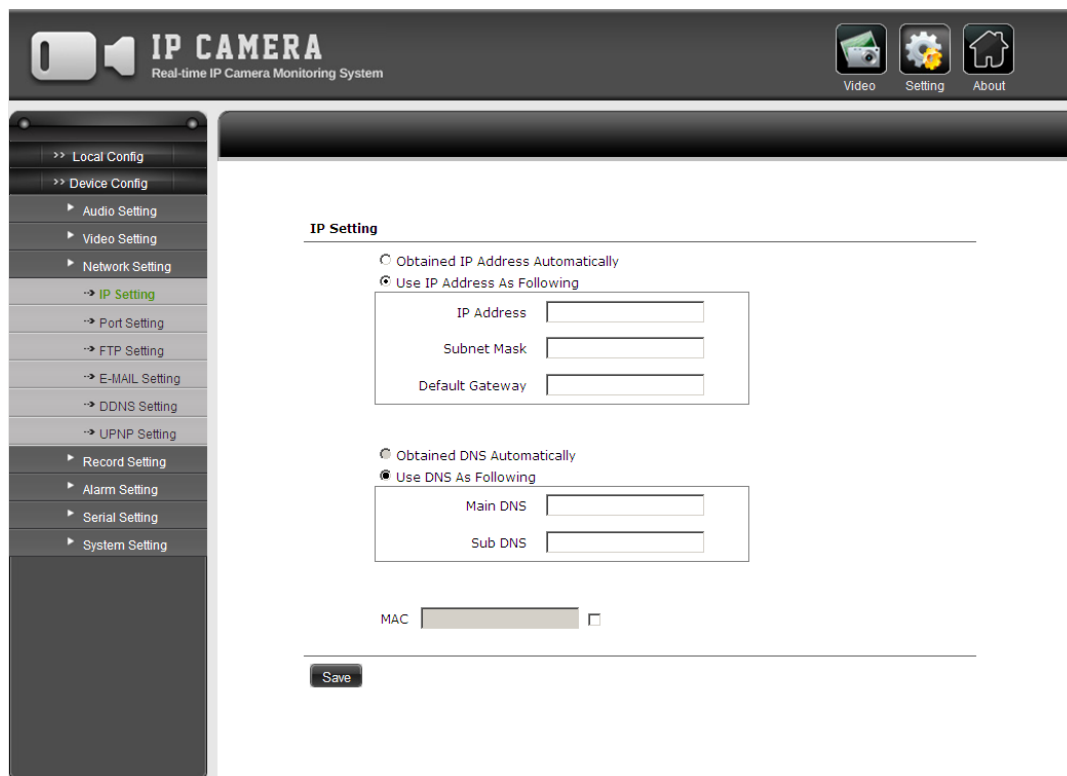


P2.12

Network Setting

IP Setting

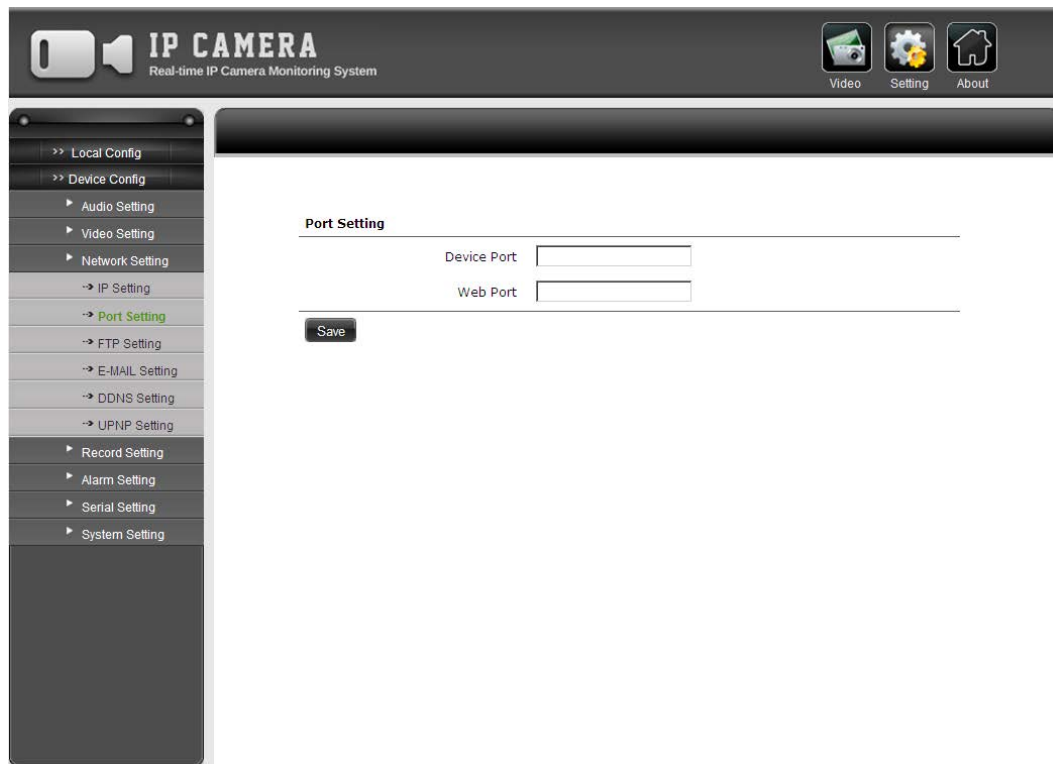
User can set the IP Address, Subnet Mask, Default Gateway and DNS Server for the camera.



P2.13

Port Setting

User can set camera and web port.

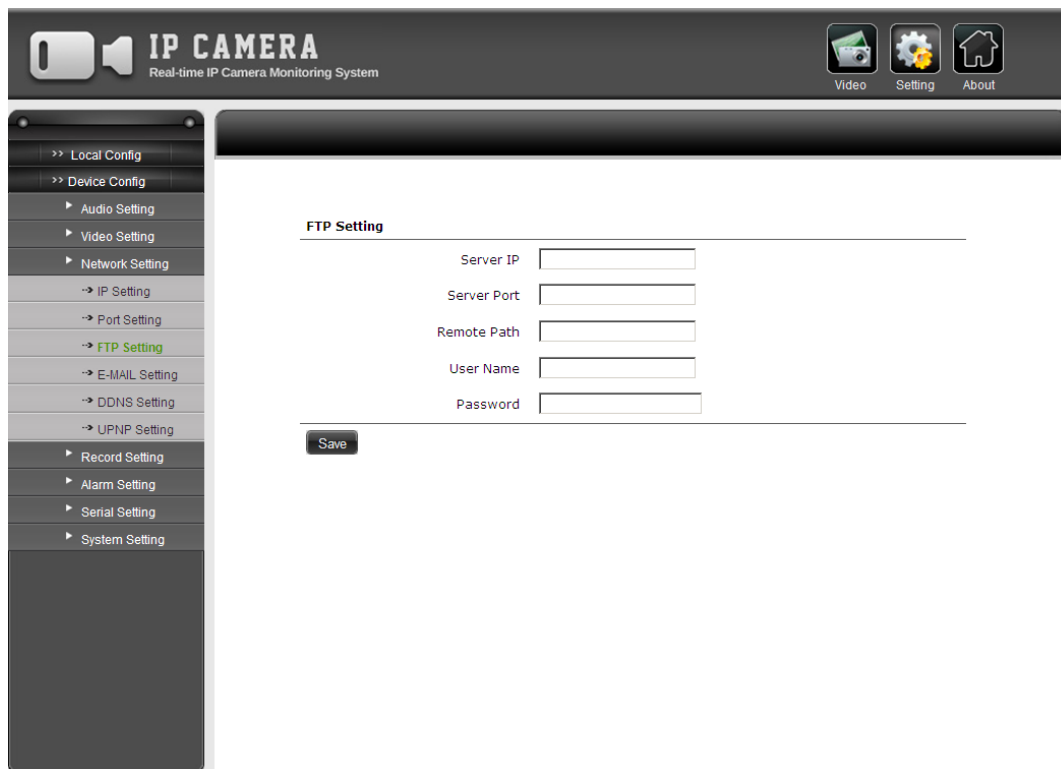


The screenshot shows the 'Port Setting' page of the 'IP CAMERA Real-time IP Camera Monitoring System'. The interface has a dark header with the system name and icons for Video, Setting, and About. A left sidebar contains a menu with options like Local Config, Device Config, Audio Setting, Video Setting, Network Setting, IP Setting, Port Setting (highlighted), FTP Setting, E-MAIL Setting, DDNS Setting, UPNP Setting, Record Setting, Alarm Setting, Serial Setting, and System Setting. The main content area is titled 'Port Setting' and contains two input fields: 'Device Port' and 'Web Port'. A 'Save' button is located below these fields.

P2.14

FTP Setting

User can set the FTP to upload alarm pictures.

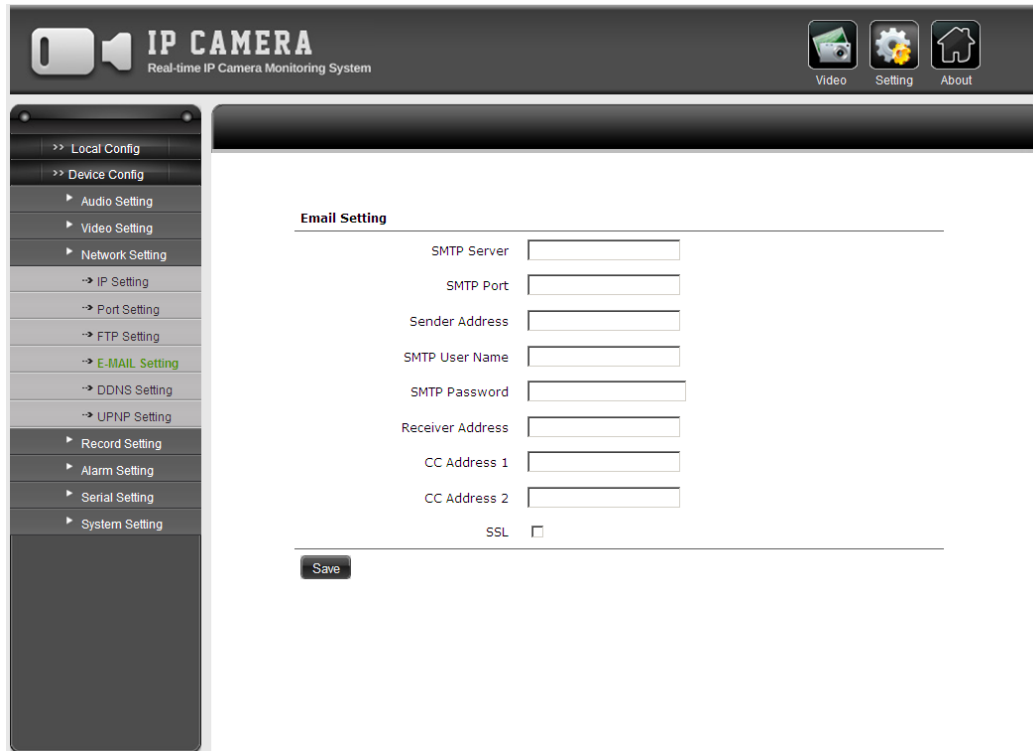


The screenshot shows the 'FTP Setting' page of the 'IP CAMERA Real-time IP Camera Monitoring System'. The interface is similar to the previous one, with the same header and sidebar. The main content area is titled 'FTP Setting' and contains five input fields: 'Server IP', 'Server Port', 'Remote Path', 'User Name', and 'Password'. A 'Save' button is located below these fields.

P2.15

Email Setting

User can set the email to receive alarm messages and pictures.

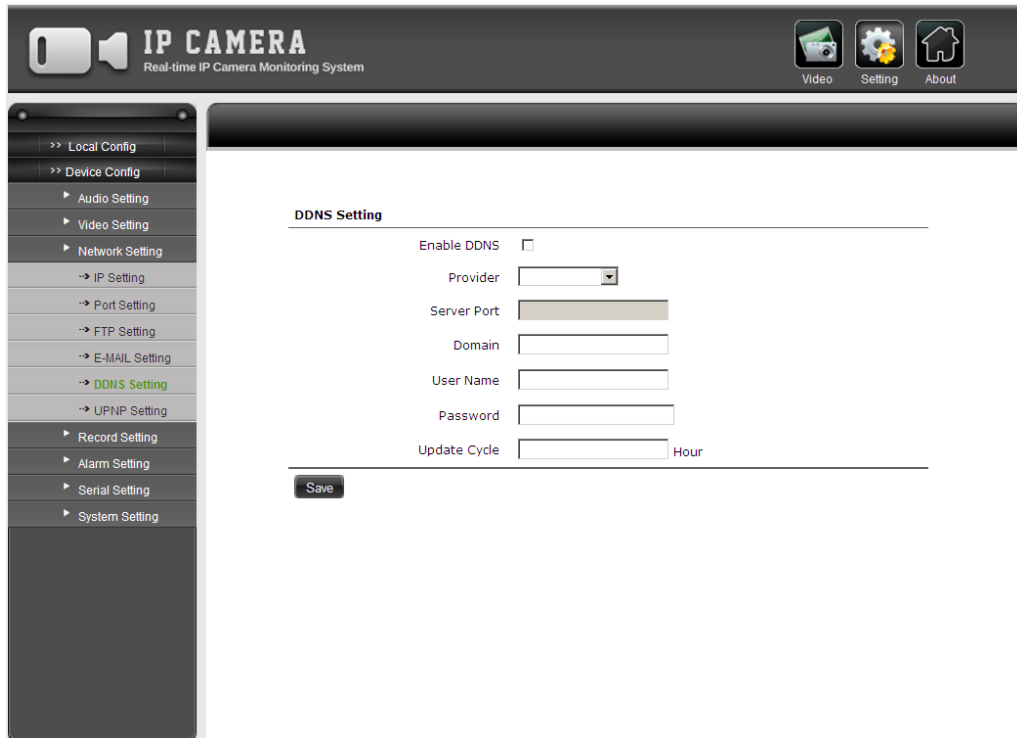


The screenshot shows the 'IP CAMERA' web interface with the 'Email Setting' page selected. The left sidebar contains a menu with options: Local Config, Device Config, Audio Setting, Video Setting, Network Setting, IP Setting, Port Setting, FTP Setting, E-MAIL Setting (highlighted), DDNS Setting, UPNP Setting, Record Setting, Alarm Setting, Serial Setting, and System Setting. The main content area is titled 'Email Setting' and contains the following fields: SMTP Server, SMTP Port, Sender Address, SMTP User Name, SMTP Password, Receiver Address, CC Address 1, CC Address 2, and an SSL checkbox. A 'Save' button is located at the bottom left of the form.

P2.16

DDNS Setting

User can enable DDNS and set parameters, input provider, user name, password, domain, sever port and update cycle.



The screenshot shows the 'IP CAMERA' web interface with the 'DDNS Setting' page selected. The left sidebar contains a menu with options: Local Config, Device Config, Audio Setting, Video Setting, Network Setting, IP Setting, Port Setting, FTP Setting, E-MAIL Setting, DDNS Setting (highlighted), UPNP Setting, Record Setting, Alarm Setting, Serial Setting, and System Setting. The main content area is titled 'DDNS Setting' and contains the following fields: Enable DDNS checkbox, Provider dropdown menu, Server Port, Domain, User Name, Password, and Update Cycle (with a unit of 'Hour'). A 'Save' button is located at the bottom left of the form.

P2.17

UPNP Setting

User can set UPNP

The screenshot shows the 'IP CAMERA Real-time IP Camera Monitoring System' web interface. The top navigation bar includes 'Video', 'Setting', and 'About' icons. The left sidebar menu lists various configuration options, with 'UPNP Setting' highlighted in green. The main content area is titled 'UPNP Setting' and contains the following fields:

- Enable UPNP: ☐
- Use Pattern:
- Network Card:
- Server IP:
- Device Port:
- Web Port:
- Device Port Mapping Status:
- Web Port Mapping Status:
- Update Cycle: Hour

A 'Save' button is located at the bottom of the form.

P2.18

Record Setting

SD Card Setting

User can check and format Micro SD Card.

The screenshot shows the 'IP CAMERA Real-time IP Camera Monitoring System' web interface. The top navigation bar includes 'Video', 'Setting', and 'About' icons. The left sidebar menu lists various configuration options, with 'SD Card Setting' highlighted in green. The main content area is titled 'SD Card Setting' and contains the following elements:

SD Card Information

Select	NO.	Total Size(MB)	Available Size(MB)	Status
<div><input type="button" value="Format"/> <input type="button" value="Refresh"/></div>				

P2.19

Auto Record

User can set auto record section and parameter. Click the checkbox after the weekday and input the record time. To set first or second stream, please refer to Video Setting>>Encoding.

The screenshot displays the 'IP CAMERA' web interface. The top header includes the logo, title 'IP CAMERA', subtitle 'Real-time IP Camera Monitoring System', and navigation icons for Video, Setting, and About. A left sidebar contains a menu with options: Local Config, Device Config, Audio Setting, Video Setting, Network Setting, Record Setting, SD Card Setting, Auto Record (highlighted), Alarm Setting, Serial Setting, and System Setting. The main content area is titled 'Auto Record' and contains the 'Auto Record Setting' section. This section has two columns: 'Record Section 1' and 'Record Section 2'. Each column lists days of the week (Everyday, Sunday, Monday, Tuesday, Wednesday, Thursday, Friday, Saturday) with a checkbox and a time selection field (HH:MM--HH:MM). Below these columns is the 'Record Parameter' section, which includes a checkbox for 'When Storage is full, cover old record files automatically.' and a 'Stream' dropdown menu set to 'First Stream'. A 'Save' button is located at the bottom of the configuration area.

Auto Record Setting		
	Record Section 1	Record Section 2
Everyday	<input type="checkbox"/> HH:MM--HH:MM	<input type="checkbox"/> HH:MM--HH:MM
Sunday	<input type="checkbox"/> HH:MM--HH:MM	<input type="checkbox"/> HH:MM--HH:MM
Monday	<input type="checkbox"/> HH:MM--HH:MM	<input type="checkbox"/> HH:MM--HH:MM
Tuesday	<input type="checkbox"/> HH:MM--HH:MM	<input type="checkbox"/> HH:MM--HH:MM
Wednesday	<input type="checkbox"/> HH:MM--HH:MM	<input type="checkbox"/> HH:MM--HH:MM
Thursday	<input type="checkbox"/> HH:MM--HH:MM	<input type="checkbox"/> HH:MM--HH:MM
Friday	<input type="checkbox"/> HH:MM--HH:MM	<input type="checkbox"/> HH:MM--HH:MM
Saturday	<input type="checkbox"/> HH:MM--HH:MM	<input type="checkbox"/> HH:MM--HH:MM

Record Parameter

☐ When Storage is full, cover old record files automatically.

Stream: First Stream

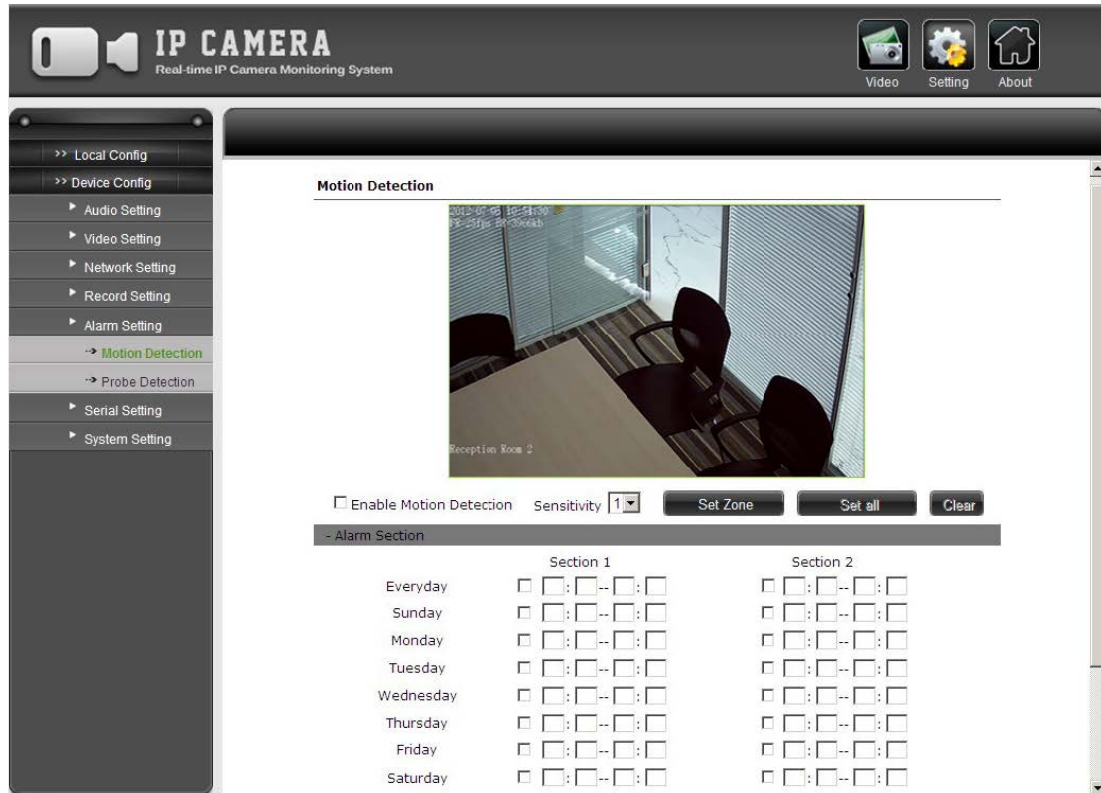
Save

Alarm Setting

Motion Detection

User can set detection zone, sensitivity level, alarm section, alarm signal output, triggered record & capture, send alarm message by mail and so on.

Select checkbox “Enable Motion Detection” and click “Set Zone”, then user can click and drag the mouse to draw multiple detection zones. When there is movement in the zone, alarm will be triggered and relevant action activated.



P2.21

Probe Detection

User can set detection zone, probe type, alarm section, alarm signal output, triggered record & capture, send alarm message by mail and so on.

Select checkbox “Enable Probe Detection” and click “Set Zone”, then user can click and drag the mouse to draw multiple detection zones.

IP CAMERA
Real-time IP Camera Monitoring System

Video Setting About

>> Local Config
>> Device Config
▶ Audio Setting
▶ Video Setting
▶ Network Setting
▶ Record Setting
▶ Alarm Setting
→ Motion Detection
→ **Probe Detection**
▶ Serial Setting
▶ System Setting

Probe Detection

☐ Enable Probe Detection Type: Open Probe

- Alarm Section

	Section 1	Section 2
Everyday	<input type="checkbox"/> : <input type="checkbox"/> : <input type="checkbox"/> -- <input type="checkbox"/> : <input type="checkbox"/>	<input type="checkbox"/> : <input type="checkbox"/> : <input type="checkbox"/> -- <input type="checkbox"/> : <input type="checkbox"/>
Sunday	<input type="checkbox"/> : <input type="checkbox"/> : <input type="checkbox"/> -- <input type="checkbox"/> : <input type="checkbox"/>	<input type="checkbox"/> : <input type="checkbox"/> : <input type="checkbox"/> -- <input type="checkbox"/> : <input type="checkbox"/>
Monday	<input type="checkbox"/> : <input type="checkbox"/> : <input type="checkbox"/> -- <input type="checkbox"/> : <input type="checkbox"/>	<input type="checkbox"/> : <input type="checkbox"/> : <input type="checkbox"/> -- <input type="checkbox"/> : <input type="checkbox"/>
Tuesday	<input type="checkbox"/> : <input type="checkbox"/> : <input type="checkbox"/> -- <input type="checkbox"/> : <input type="checkbox"/>	<input type="checkbox"/> : <input type="checkbox"/> : <input type="checkbox"/> -- <input type="checkbox"/> : <input type="checkbox"/>
Wednesday	<input type="checkbox"/> : <input type="checkbox"/> : <input type="checkbox"/> -- <input type="checkbox"/> : <input type="checkbox"/>	<input type="checkbox"/> : <input type="checkbox"/> : <input type="checkbox"/> -- <input type="checkbox"/> : <input type="checkbox"/>
Thursday	<input type="checkbox"/> : <input type="checkbox"/> : <input type="checkbox"/> -- <input type="checkbox"/> : <input type="checkbox"/>	<input type="checkbox"/> : <input type="checkbox"/> : <input type="checkbox"/> -- <input type="checkbox"/> : <input type="checkbox"/>
Friday	<input type="checkbox"/> : <input type="checkbox"/> : <input type="checkbox"/> -- <input type="checkbox"/> : <input type="checkbox"/>	<input type="checkbox"/> : <input type="checkbox"/> : <input type="checkbox"/> -- <input type="checkbox"/> : <input type="checkbox"/>
Saturday	<input type="checkbox"/> : <input type="checkbox"/> : <input type="checkbox"/> -- <input type="checkbox"/> : <input type="checkbox"/>	<input type="checkbox"/> : <input type="checkbox"/> : <input type="checkbox"/> -- <input type="checkbox"/> : <input type="checkbox"/>

+ Output Alarm Signal
+ Triggered Record
+ Triggered Capture
+ Triggered Email

Save

P2.22

Serial Setting

Port Setting

User can set parameters for RS485 and RS232 port.

Note: These parameters must conform with the PTZ camera to control.

The screenshot shows the 'IP CAMERA Real-time IP Camera Monitoring System' web interface. The left sidebar contains a navigation menu with options: Local Config, Device Config, Audio Setting, Video Setting, Network Setting, Record Setting, Alarm Setting, Serial Setting, Port Setting (highlighted), PTZ Setting, and System Setting. The main content area is titled 'Port Setting' and contains the following configuration fields:

- Port: 1
- Baud Rate: 50
- Data Bit: 5
- Stop Bit: 1
- Check Bit: No Check
- Stream: None

A 'Save' button is located at the bottom of the configuration area.

P2.23

PTZ Setting

User can set parameters for PTZ protocol and address.

Note: These parameters must conform with those of the PTZ camera to control.

The screenshot shows the 'IP CAMERA Real-time IP Camera Monitoring System' web interface. The left sidebar contains a navigation menu with options: Local Config, Device Config, Audio Setting, Video Setting, Network Setting, Record Setting, Alarm Setting, Serial Setting, Port Setting, PTZ Setting (highlighted), and System Setting. The main content area is titled 'PTZ Setting' and contains the following configuration fields:

- PTZ Protocol: pelco_D
- PTZ Address: 0

A 'Save' button is located at the bottom of the configuration area.

P2.24

System Setting

Basic Information

User can input camera type and view some basic information of the camera, including Camera IP, Video Output and Alarm Channels, number of RS485 and RS232 Port, etc.

The screenshot shows the 'Basic Information' configuration page of the IP CAMERA monitoring system. The left sidebar contains a menu with options: Local Config, Device Config, Audio Setting, Video Setting, Network Setting, Record Setting, Alarm Setting, Serial Setting, System Setting, Basic Information (highlighted), System Time, User Account, and Upgrade. The main content area is divided into two sections: 'Basic Information' and 'Version Information'. The 'Basic Information' section includes input fields for Device Type, Device IP, Video Output Channels, Alarm Input Channels, Alarm Output Channels, RS485 Ports, and RS232 Ports. The 'Version Information' section includes input fields for Core Version, Software Version, and Hardware Version. A 'Save' button is located at the bottom of the form.

P2.25

System Time

User can set time of the camera through three ways: Manual, Sync to PC, Sync to NTP. In the “Sync to NTP” section, user needs to input the NTP Server, Sync Cycle and choose time zone. User can also enable daylight saving time if necessary.

The screenshot shows the 'System Time' configuration page of the IP CAMERA monitoring system. The left sidebar is the same as in the previous screenshot, with 'System Time' highlighted. The main content area is divided into two sections: 'Manual and Sync to PC' and 'Sync to NTP'. The 'Manual and Sync to PC' section includes a 'Current Time' field showing '2012-07-05 15:35:18', radio buttons for 'Sync to PC' and 'Manual' (selected), and a 'Save' button. The 'Sync to NTP' section includes a checkbox for 'Enable NTP', an 'NTP Server' input field, a 'Time Zone' dropdown menu (set to '(GMT+08:00)Beijing, Hongkong, Singapore, Taipei'), a 'Sync Cycle' input field (set to 'Hour'), a checkbox for 'Enable Daylight Saving Time', and a 'Save' button.

P2.26

User Account

User can change User Name, Password for Administrator, Guest1 and Guest2.

The screenshot shows the 'User Account' configuration page of the IP CAMERA Real-time IP Camera Monitoring System. The left sidebar contains a menu with options: Local Config, Device Config, Audio Setting, Video Setting, Network Setting, Record Setting, Alarm Setting, Serial Setting, System Setting, Basic Information, System Time, User Account (highlighted), and Upgrade. The main content area has a title 'User Account' and a form with the following fields: User Type (dropdown menu set to 'Administrator'), User Name (text input), New Password (text input), and Confirm Password (text input). Below the form is a 'Save' button. A red 'Note' is displayed below the form, stating: 'User Name, Password should only use letters, numbers, underscores and dots, from 1 to 16 characters. Please login again after modifying.'

P2.27

Upgrade

User can click “Browse” to select local upgrade file and upgrade the IE Interface, which will take effect after reboot. User can also default setting of the camera.

The screenshot shows the 'Upgrade' page of the IP CAMERA Real-time IP Camera Monitoring System. The left sidebar contains a menu with options: Local Config, Device Config, Audio Setting, Video Setting, Network Setting, Record Setting, Alarm Setting, Serial Setting, System Setting, Basic Information, System Time, User Account, and Upgrade (highlighted). The main content area has a title 'Upgrade' and a form with the following fields: Upgrade File (text input) and a 'Browse' button. Below the form is an 'Upgrade' button. At the bottom of the form are two buttons: 'Default Setting' and 'Reboot'.

P2.28

3. Client Interface

3.1 Software Installation

Client Software can be installed from both Internet Interface and the CD that comes with the camera. Enter the Internet Login Interface and click “Download ActiveX Control”. After successful download, run Setup and follow the installation steps.



P3.1

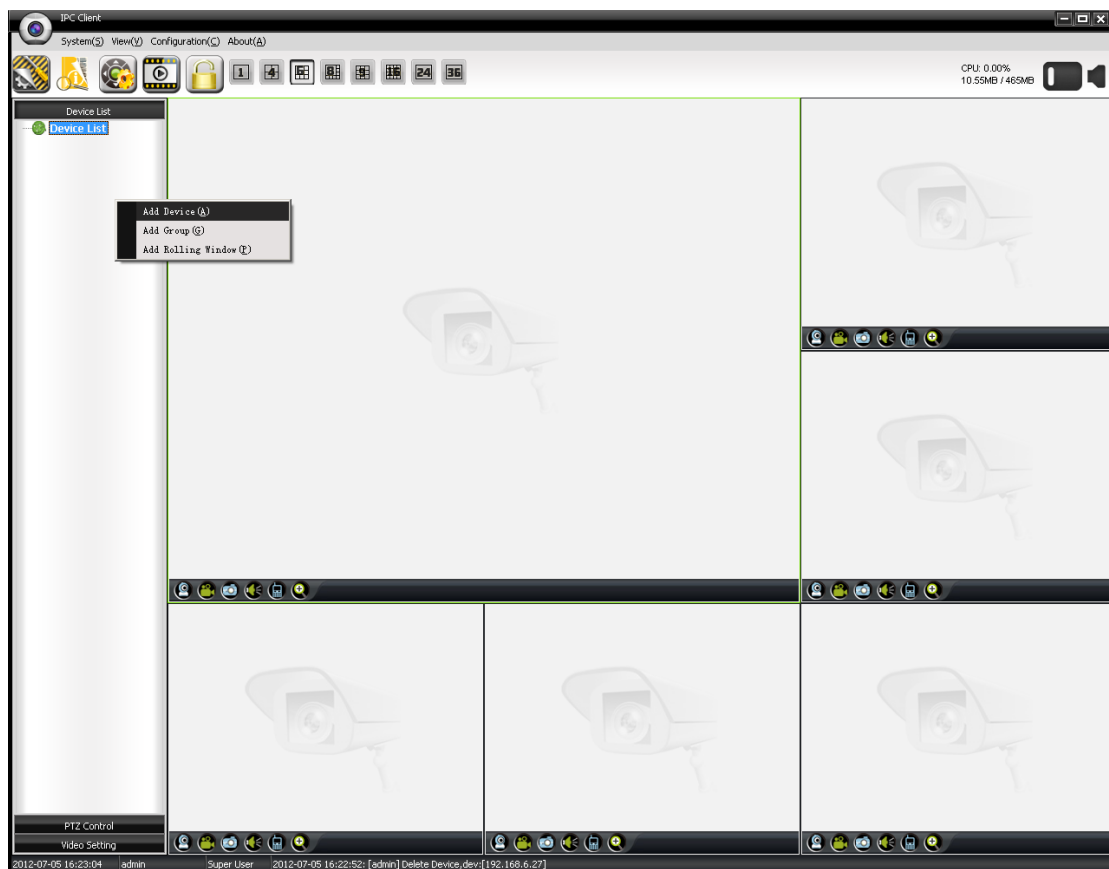
3.2 Live View

After successful installation, run IPC Client. Input username (default: admin) and password (default: admin), then click “Login”.



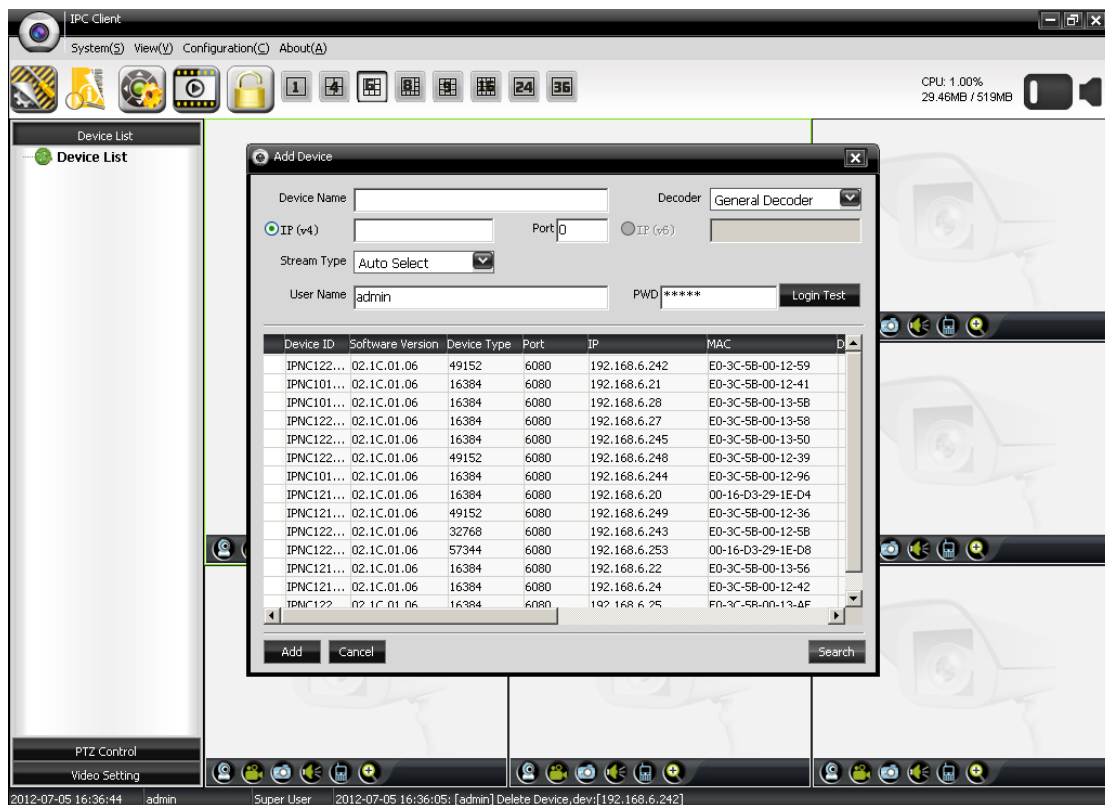
P3.2

After successful login, right click in the device list section to add camera.



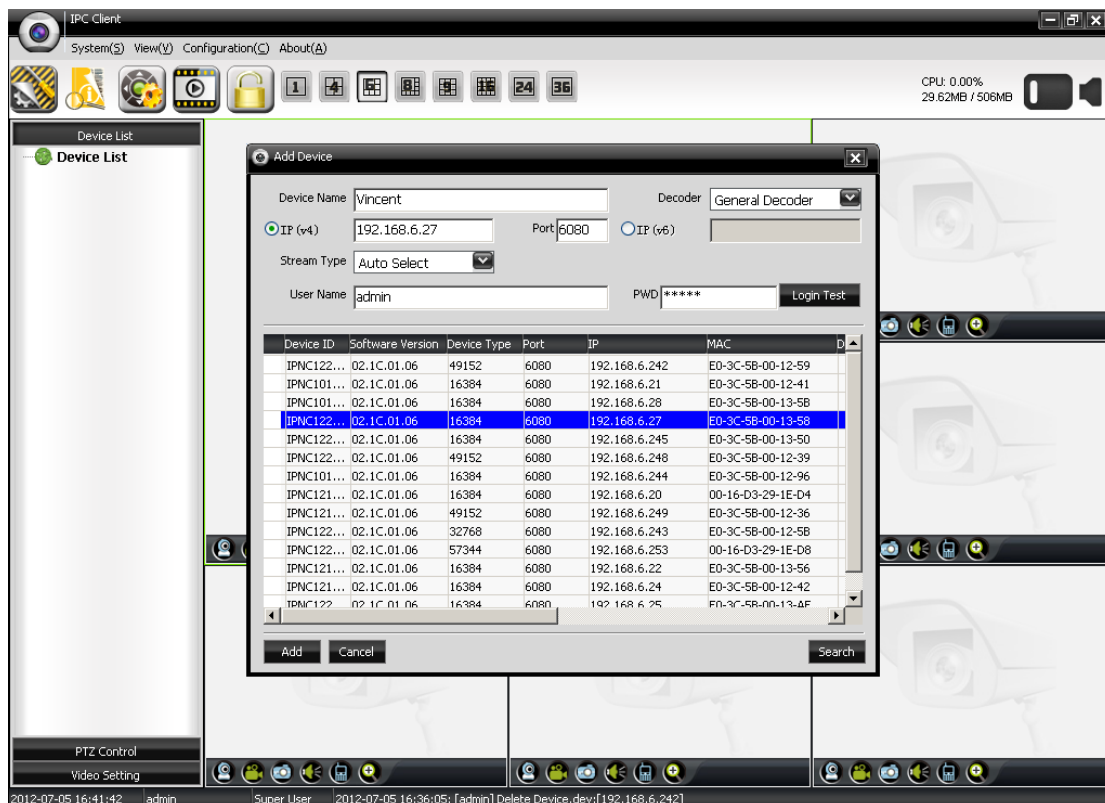
P3.3

Input the camera parameters or click “Search” to list the cameras available on the network.



P3.4

Select the camera, modify camera name if necessary and then click “Add”.









P3.5

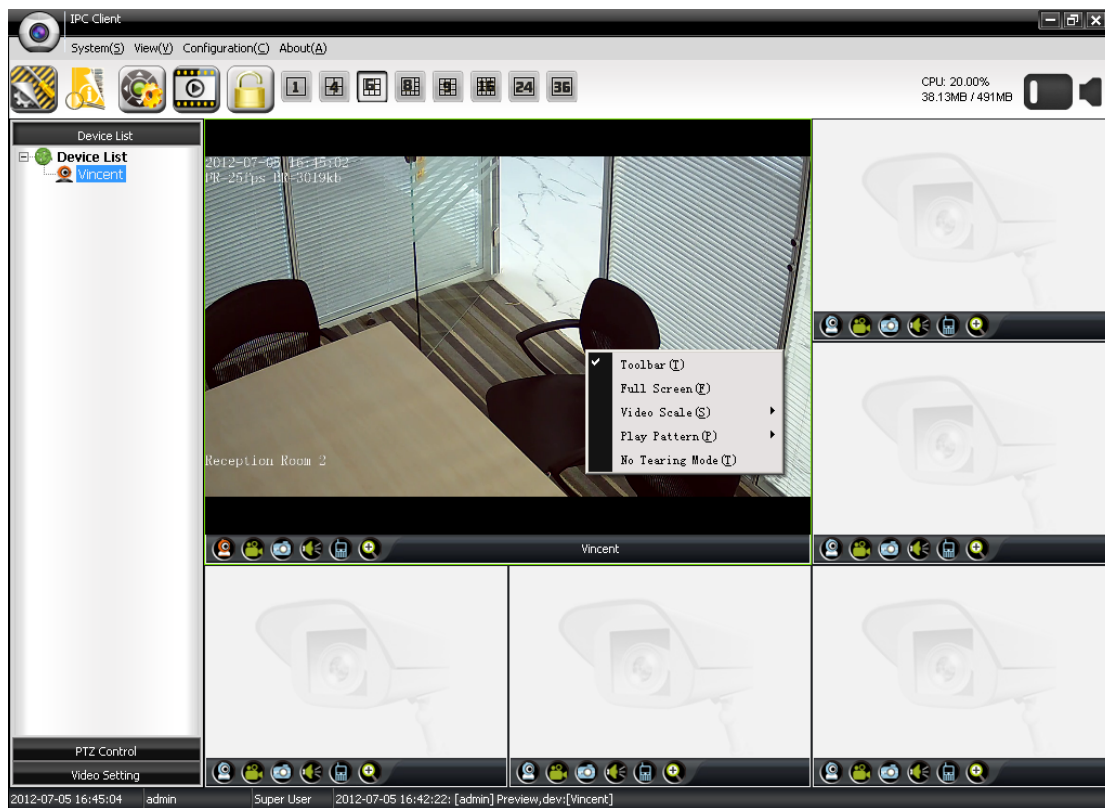
Click and drag the camera in the device list to the view screen.



P3.6

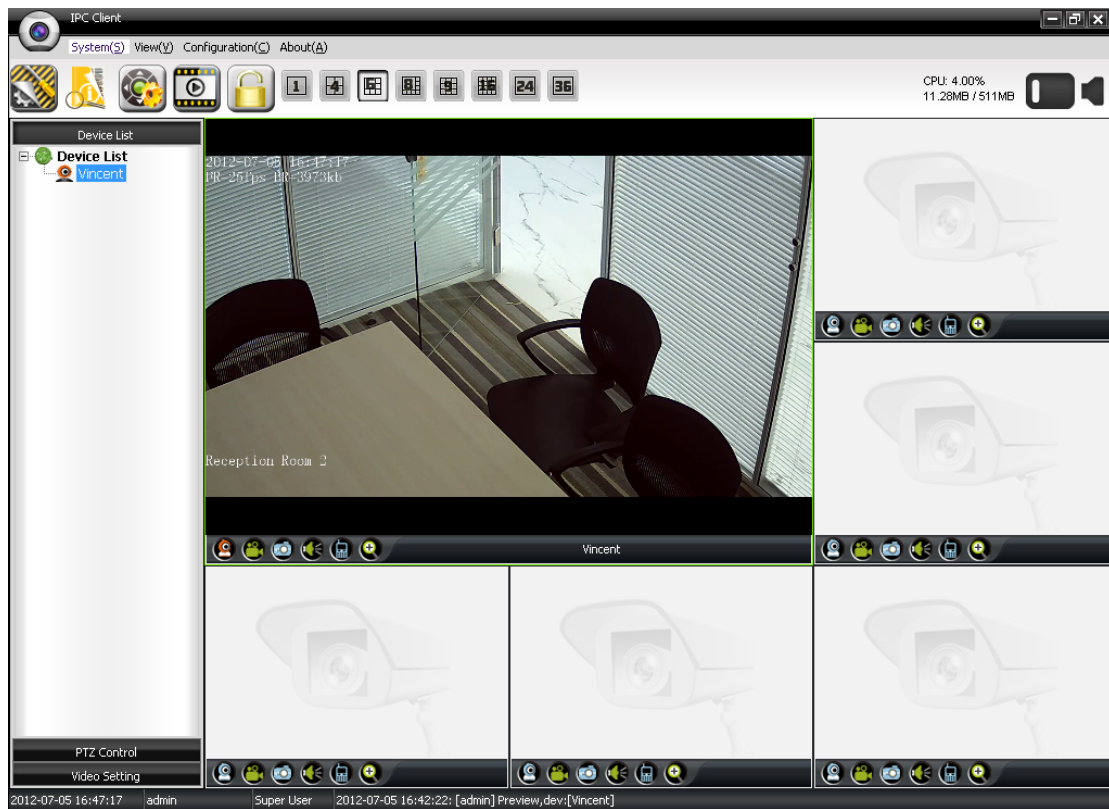
Icon	Description
	Stop Live View
	Start/Stop Record
	Capture Picture
	Enable/Disable Audio
	Enable/Disable Talk
	Blow Up

Right click the view screen and there are several options for user to choose.






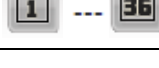


P3.7

Name	Description
Toolbar	Display or hide the toolbar described above
Full Screen	Enable/Disable full screen mode
Video Scale	Scale video according to different ratios
Play Pattern	Choose smooth or realtime priority
No Tearing Mode	Enable/Disable no tearing mode Note: It will put burden on your PC when no tearing mode is enabled to prevent video tearing.



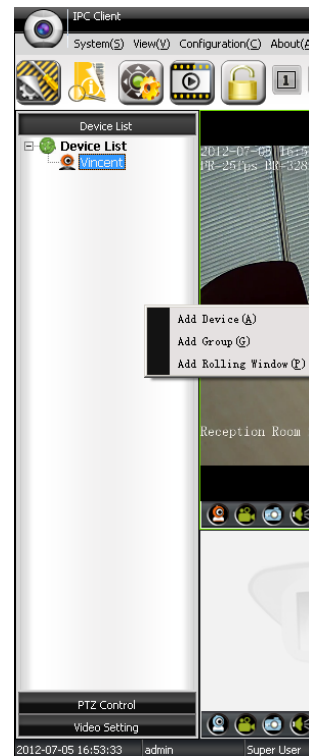
P3.8

Name and Icon	Description
System	Log/User/Language Management
View	Toolbar/Device Control/Log/Media Player/Screen Division
Configuration	Local/Alarm/Record Task Setting
About	Client Software Version
	Hide Toolbar
	Display/Hide Log under View Screen
	Display/Hide Left Panel
	Run Media Player
	Lock
	View Screen Split

3.3 Device list

Add Device: User can add camera by inputting the camera parameters or “Search”, as described in “Live View”

Add Group: User can add group to categorize the cameras, modify group name and make description.



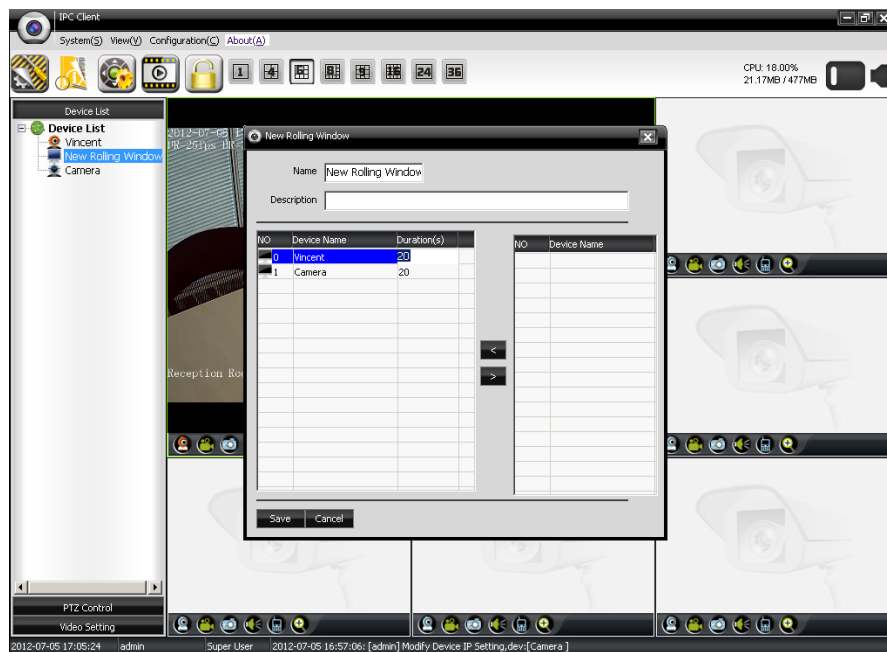
P3.9

Add Rolling Window: User can add rolling window to display video between cameras in turn. Make sure there are more than one camera in the device list, right click the rolling window and select “Property”.



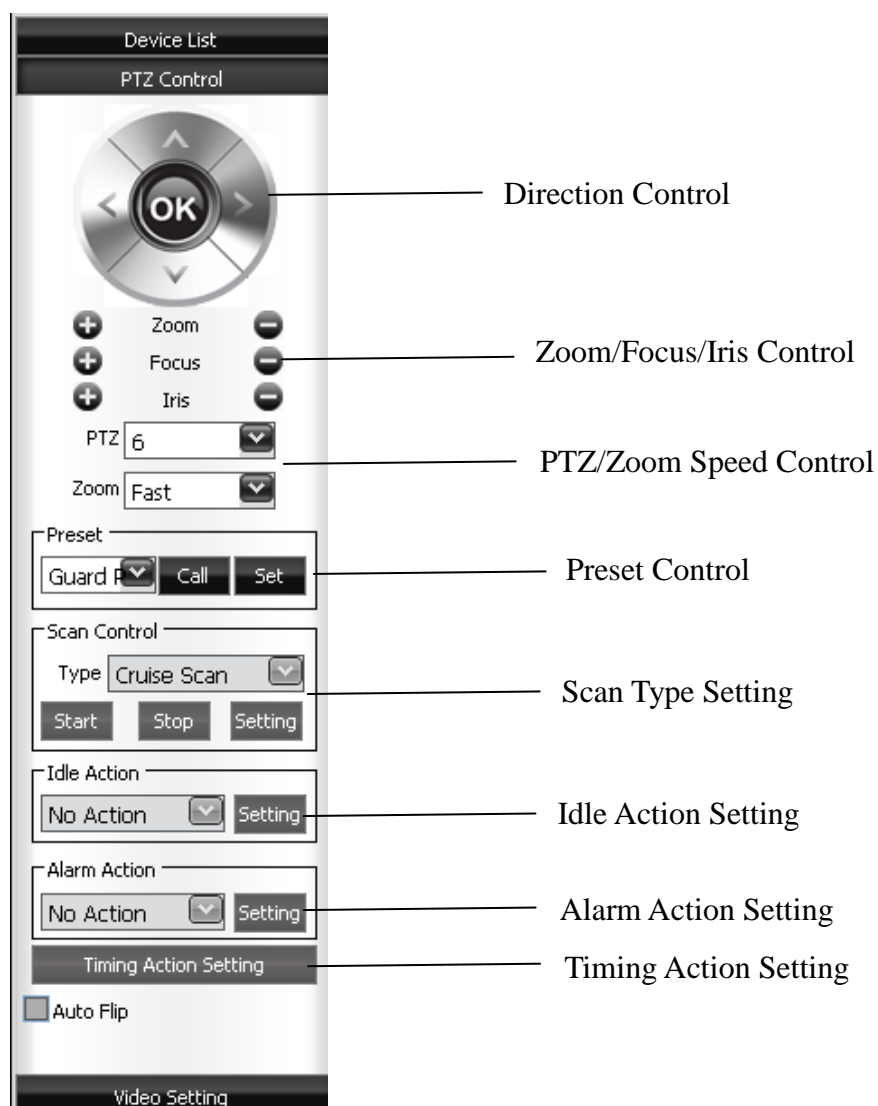
P3.10

After add and select camera, duration, user can start rolling window by dragging it to the view screen. Note: Select the camera in the right list first and add, then double click the default “20” to set display time for each camera.



P3.11

3.4 PTZ Control



P3.12

3.5 Video Setting

User can set video parameters including brightness, contrast, saturation, hue, gamma, sharpness, red, blue and volume, also control IR light, set white balance, BLC, WDR and so on.

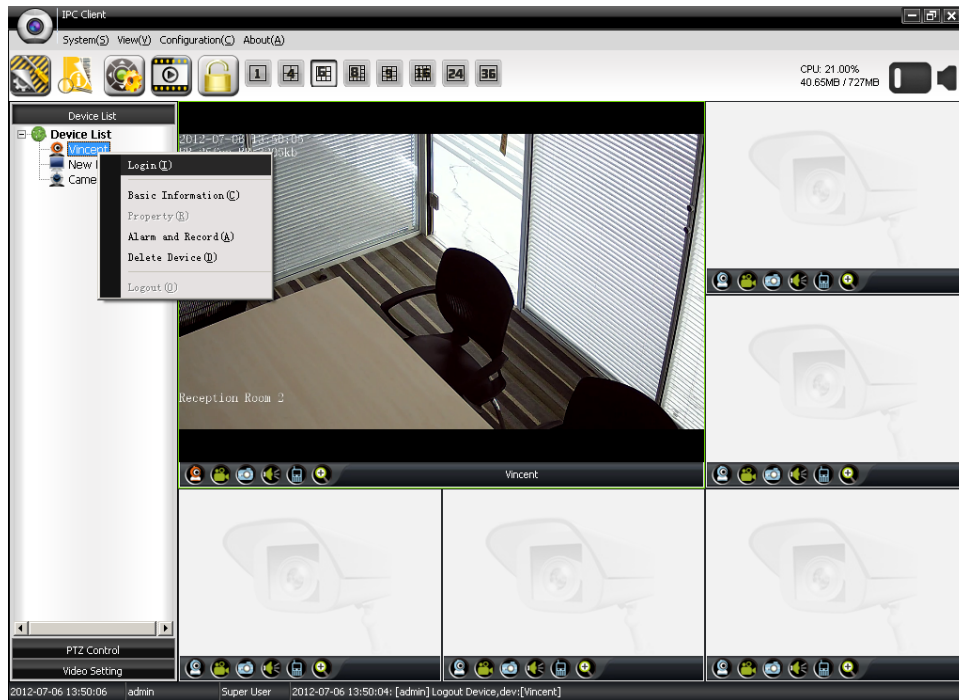
The screenshot displays a vertical menu on the left with options: Device List, PTZ Control, and Video Setting (which is selected). The main area contains the following settings:

- Brightness**: A slider control.
- Contrast**: A slider control.
- Saturation**: A slider control.
- Hue**: A slider control.
- Gamma**: A slider control.
- Sharpness**: A slider control.
- Red**: A slider control.
- Blue**: A slider control.
- Volume**: A slider control.
- Default**: A button.
- Near/Far IR Light Control**: A dropdown menu set to "Auto Switch".
- Day/Night Model**: A dropdown menu set to "Day Model".
- White Balance Setting**: A dropdown menu set to "Outdoor Model".
- ☐ Back Light Compensation
- ☐ WDR
- ☐ Noise Reduction

P3.13

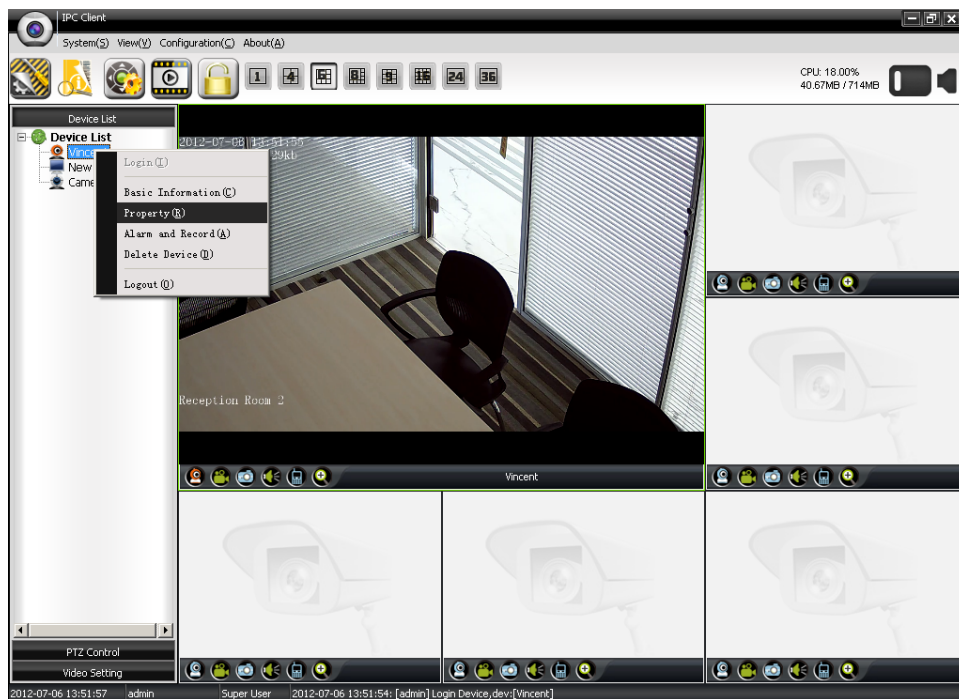
3.6 Property

Right click the camera and select “Login” to login onto the device.



P3.14

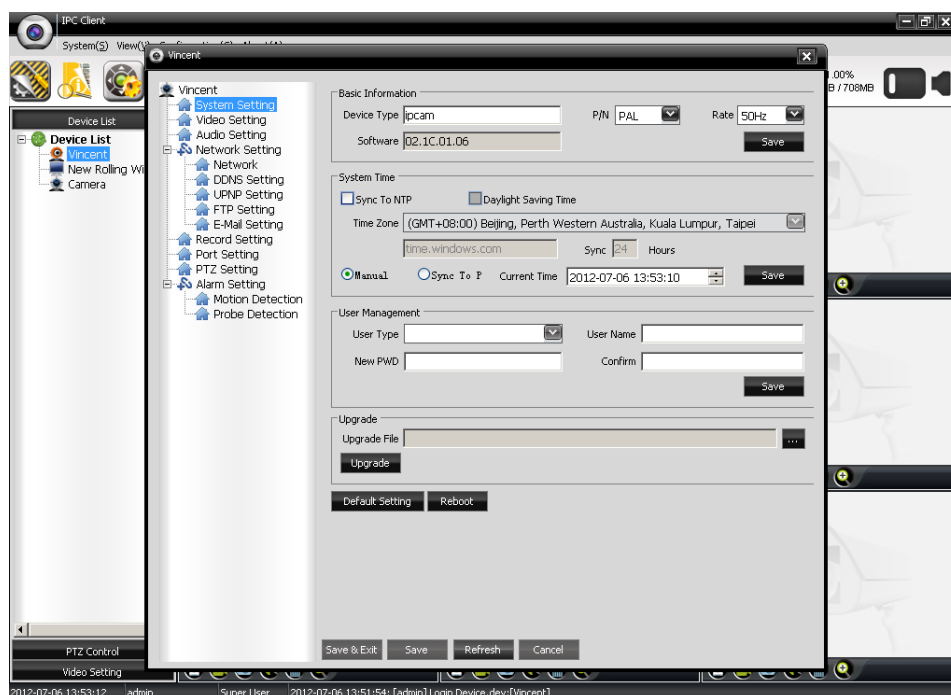
After login, right click the camera again and select “Property”.



P3.15

System Setting

User can set time by manual, sync to PC and sync to NTP. When choose “Sync to NTP”, user needs to input NTP server & sync cycle, select time zone and enable daylight saving time if necessary.

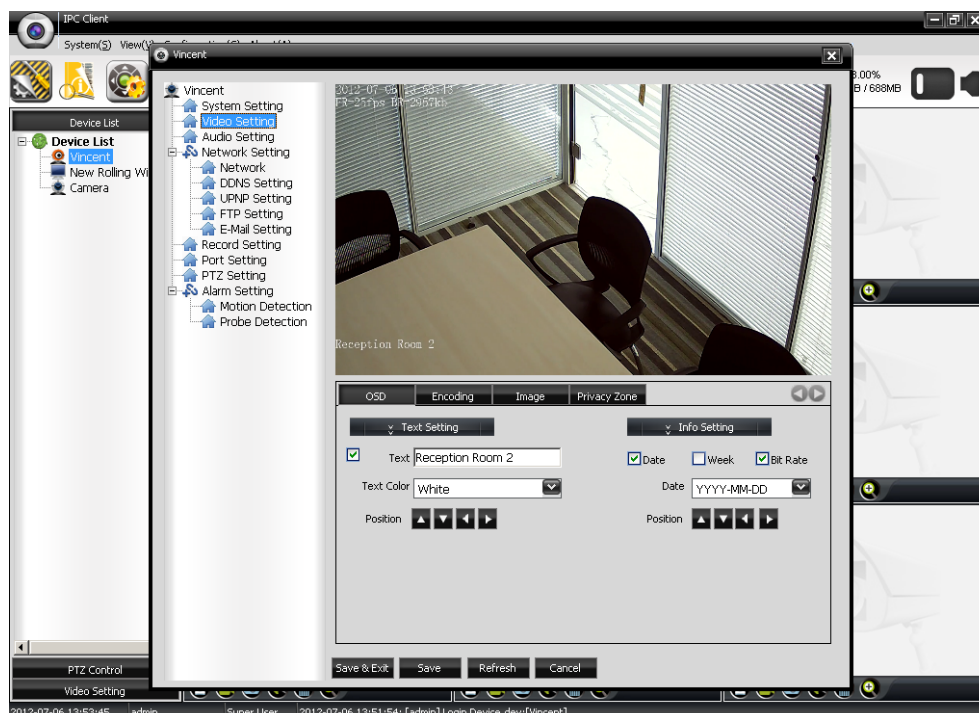


P3.16

Video Setting

OSD

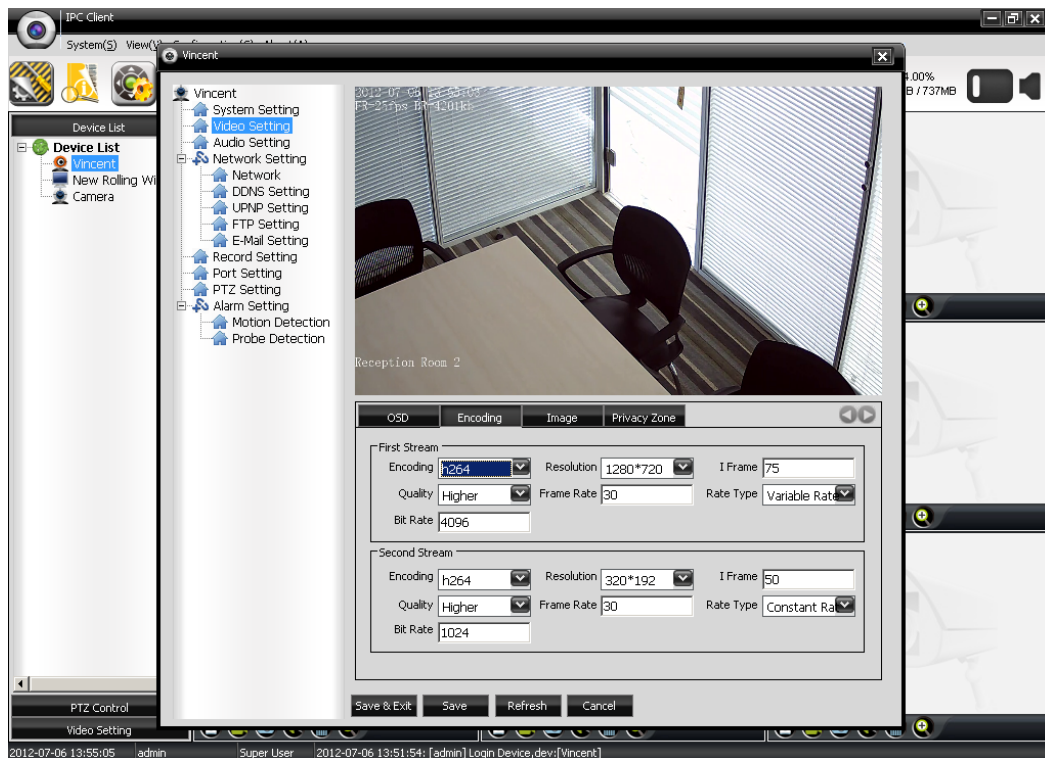
User can set on screen display for the camera.



P3.17

Encoding

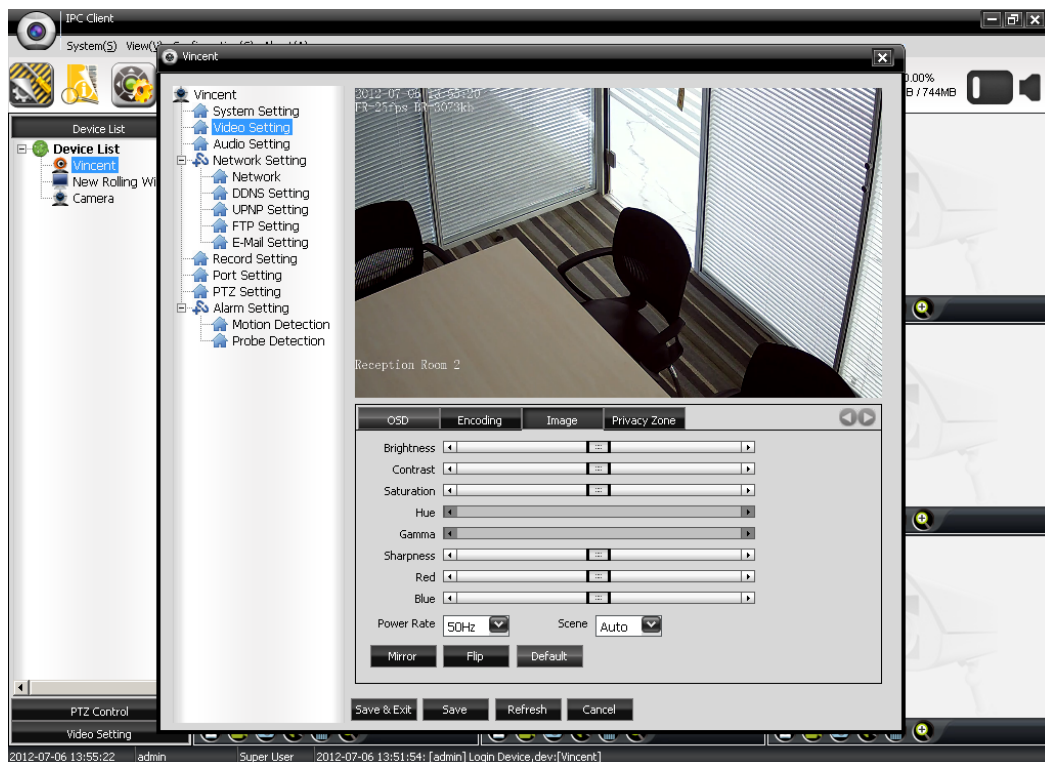
User can set encoding parameters for first stream and second stream.



P3.18

Image

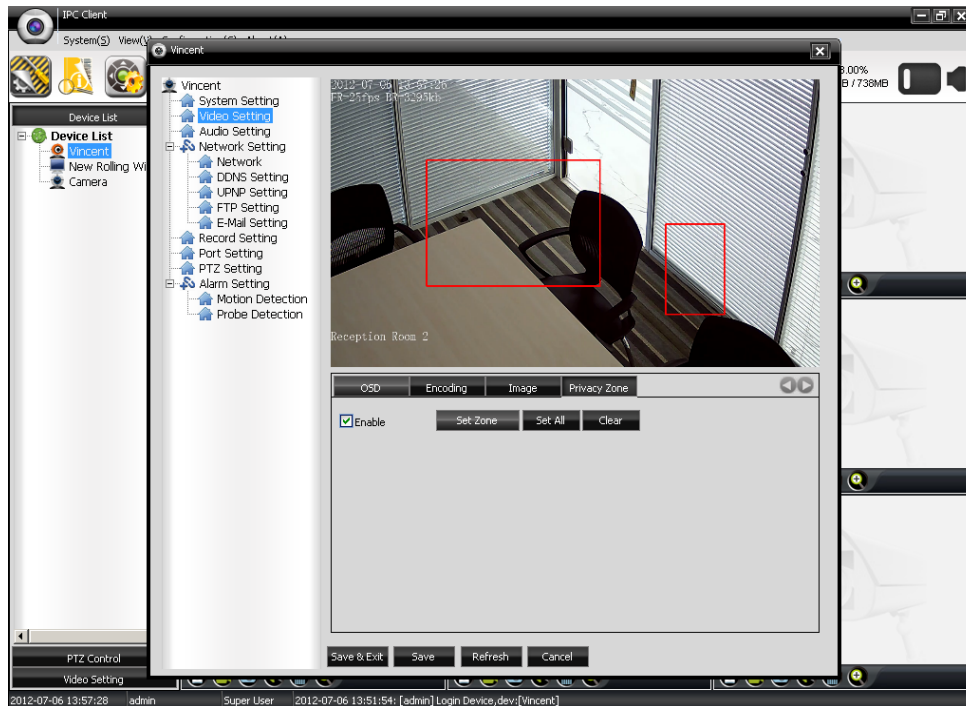
User can set image parameters, such as brightness, contrast, saturation and so on.



P3.19

Privacy Zone

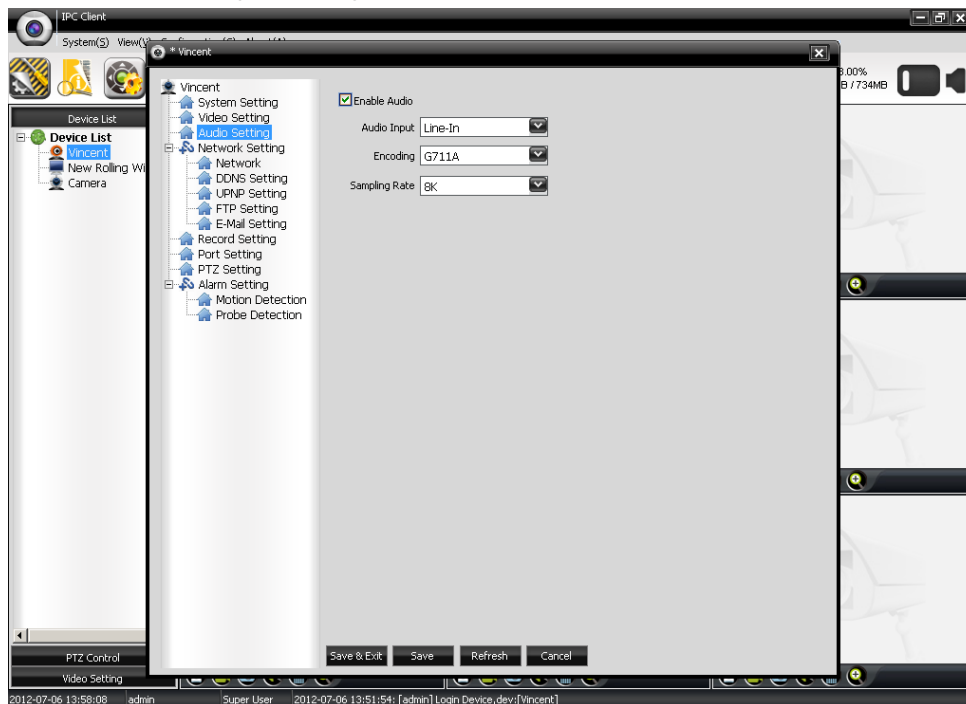
User can block the areas they don't want to show on the screen. Select checkbox “Enable” and click “Set Zone”, then user can click and drag the mouse to draw multiple privacy zones.



P3.20

Audio Setting

User can enable audio, set audio input, encoding, and sampling rate. When select “MIC-In”, camera will receive audio signal through internal microphone. When select “Line-In”, camera will receive audio signal through line-in connection.

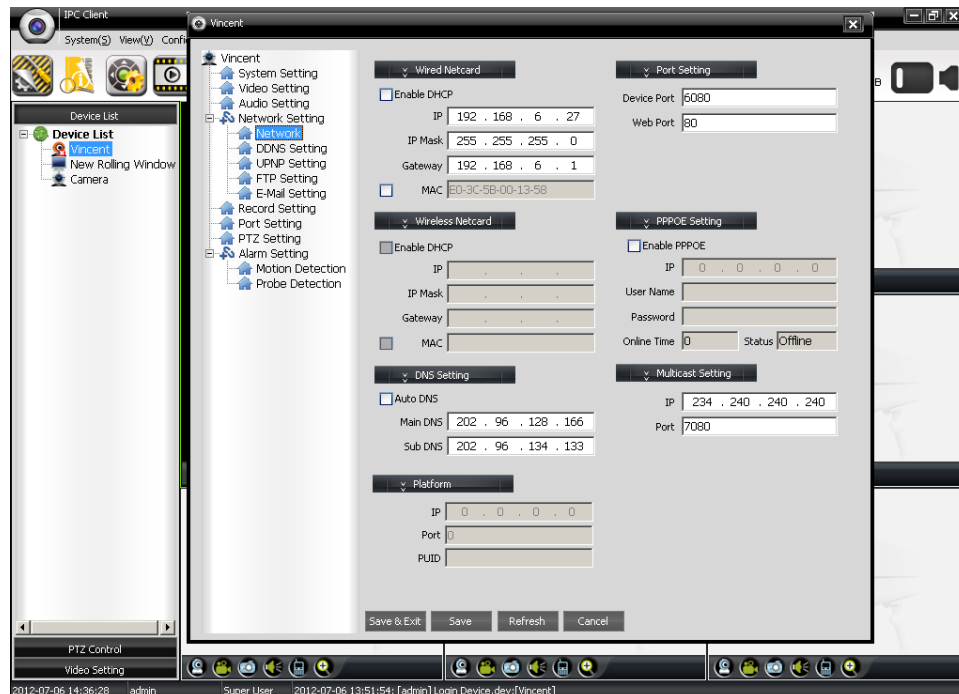


P3.21

Network Setting

Network

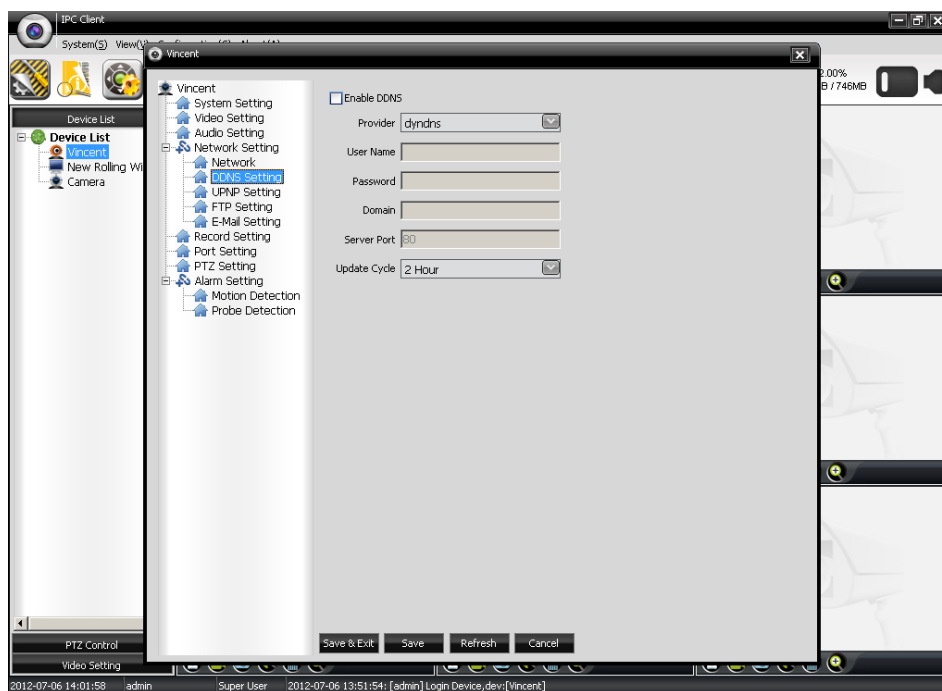
User can set some basic network parameters, including IP address, device port, web port and so on.



P3.22

DDNS Setting

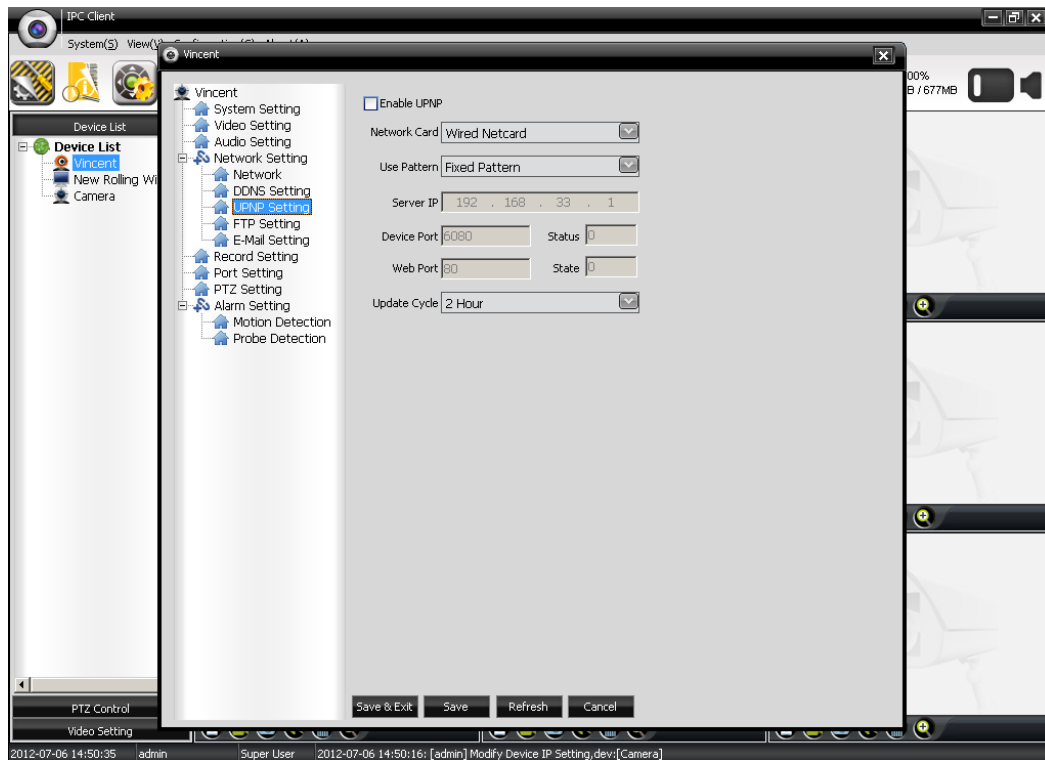
User can enable DDNS and set parameters, input provider, user name, password, domain, sever port and select update cycle.



P3.23

UPNP Setting

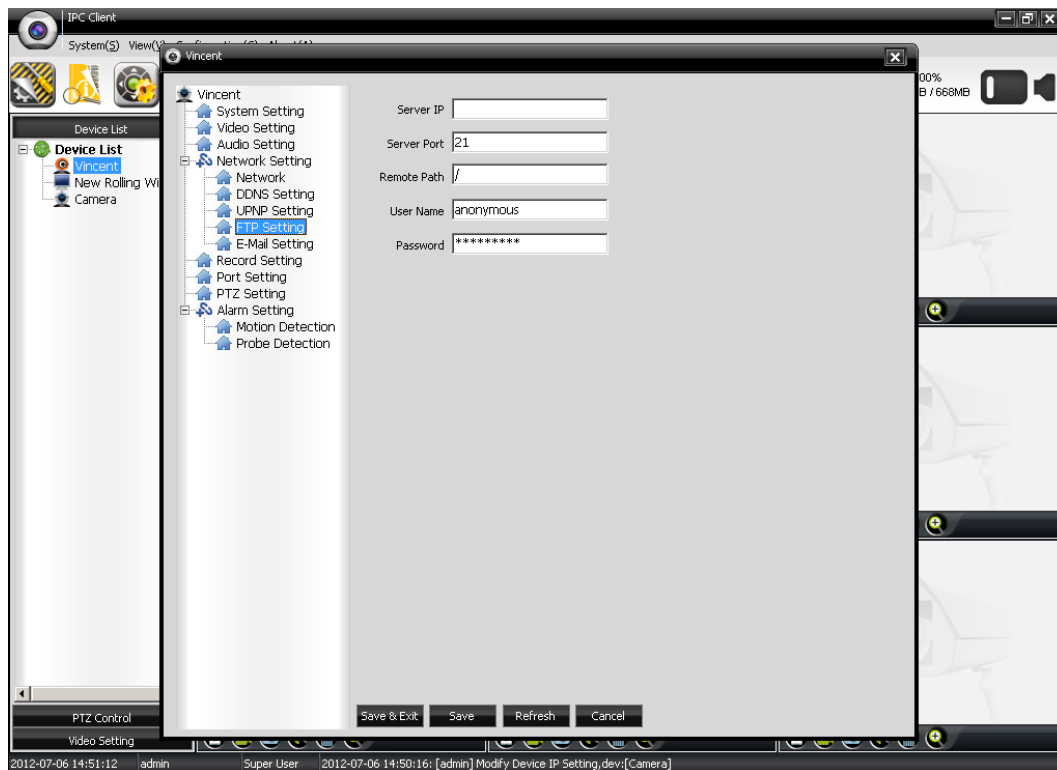
User can enable UPNP and set parameters, including network card, use pattern, sever IP and so on.



P3.24

FTP Setting

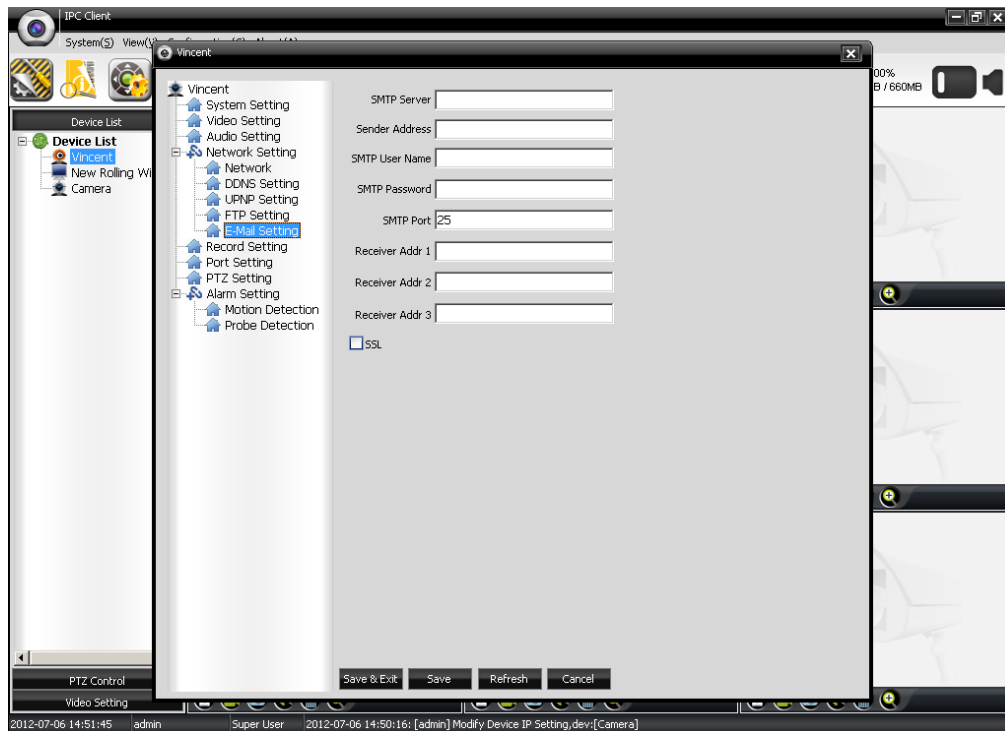
User can set the FTP to upload alarm pictures.



P3.25

E-Mail Setting

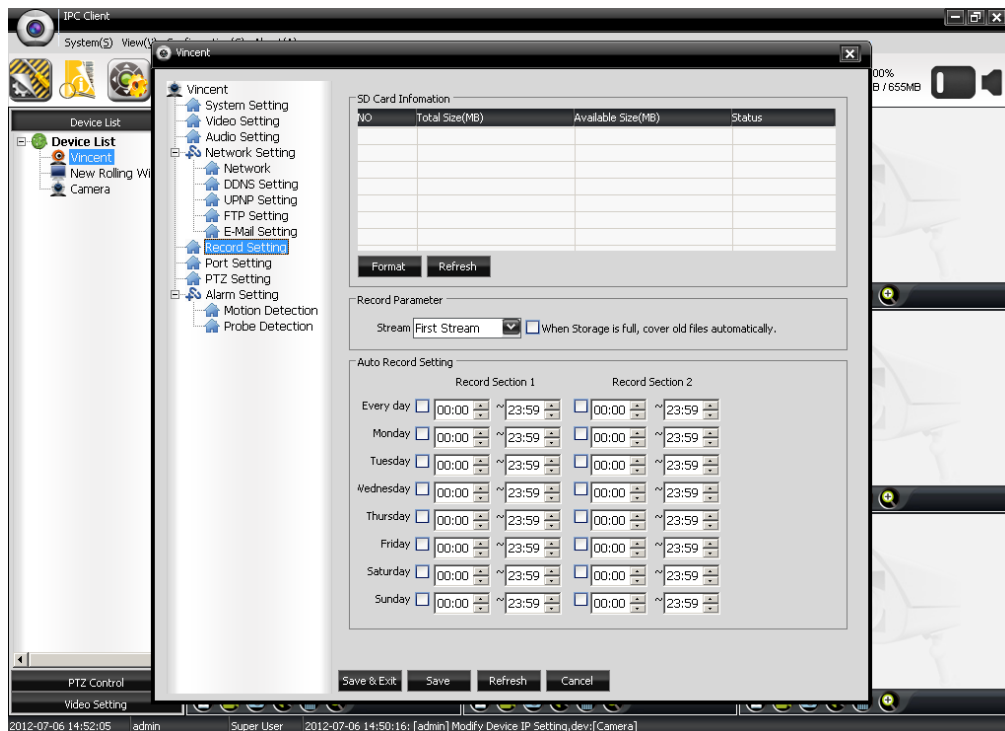
User can set the email to receive alarm messages and pictures.



P3.26

Record Setting

User can check and format Micro SD Card, set auto record section and parameter. Click the checkbox after the weekday and input the record time. To set first or second stream, please refer to Video Setting>>Encoding.

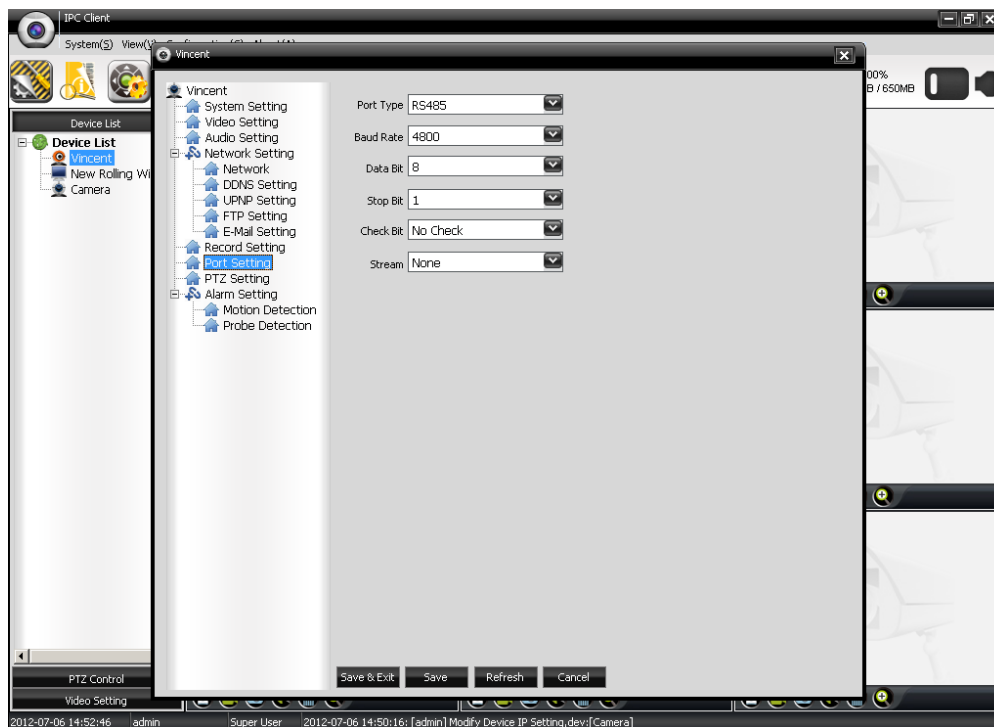


P3.27

Port Setting

User can set parameters for RS485 and RS232 port.

Note: These parameters must conform with the PTZ camera to control.

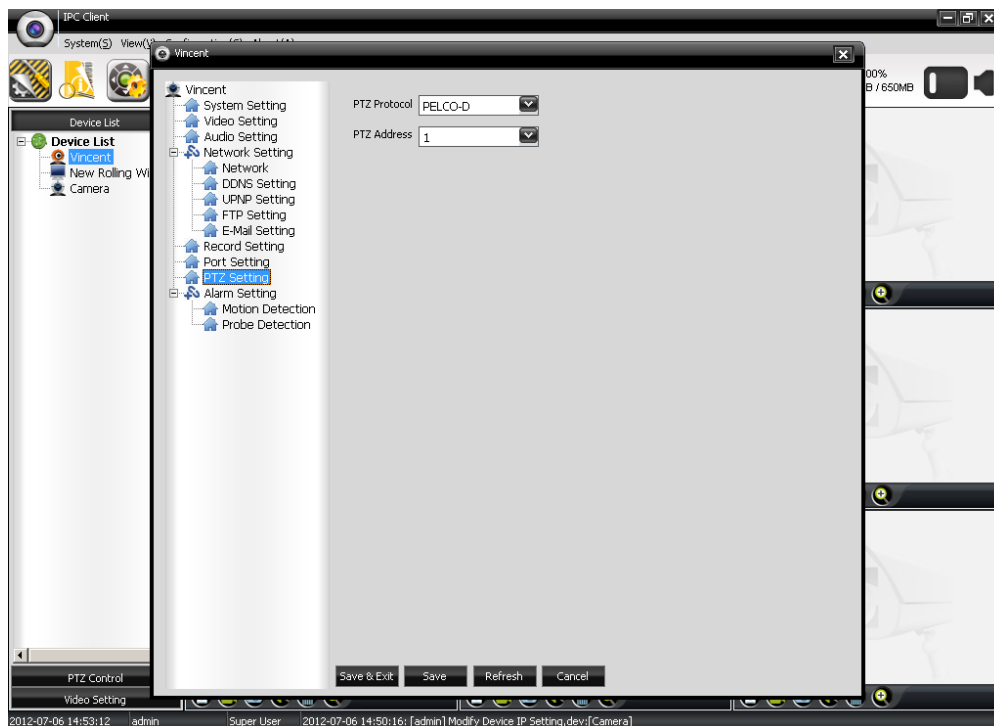


P3.28

PTZ Setting

User can set parameters for PTZ protocol and address.

Note: These parameters must conform with those of the PTZ camera to control.



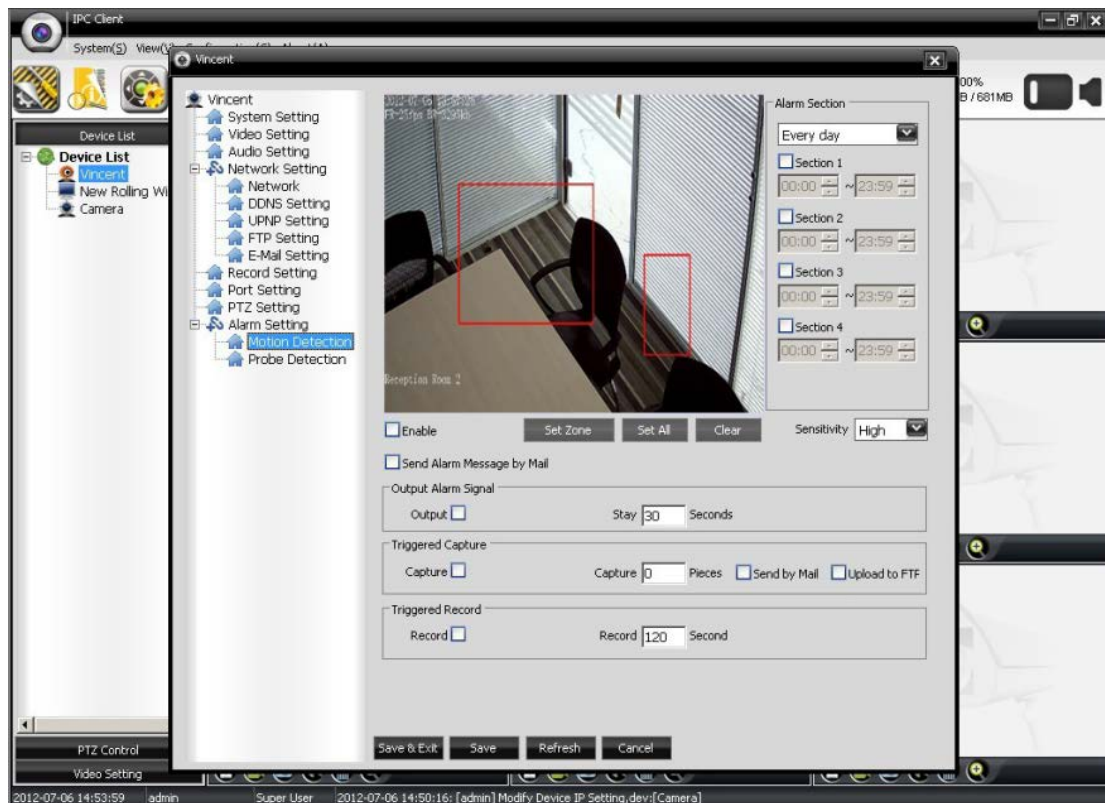
P3.29

Alarm Setting

Motion Detection

User can set detection zone, sensitivity level, alarm section, alarm signal output, triggered record & capture, send alarm message by mail and so on.

Select checkbox “Enable Motion Detection” and click “Set Zone”, then user can click and drag the mouse to draw multiple detection zones. When there is movement in the zone, alarm will be triggered and relevant action activated.

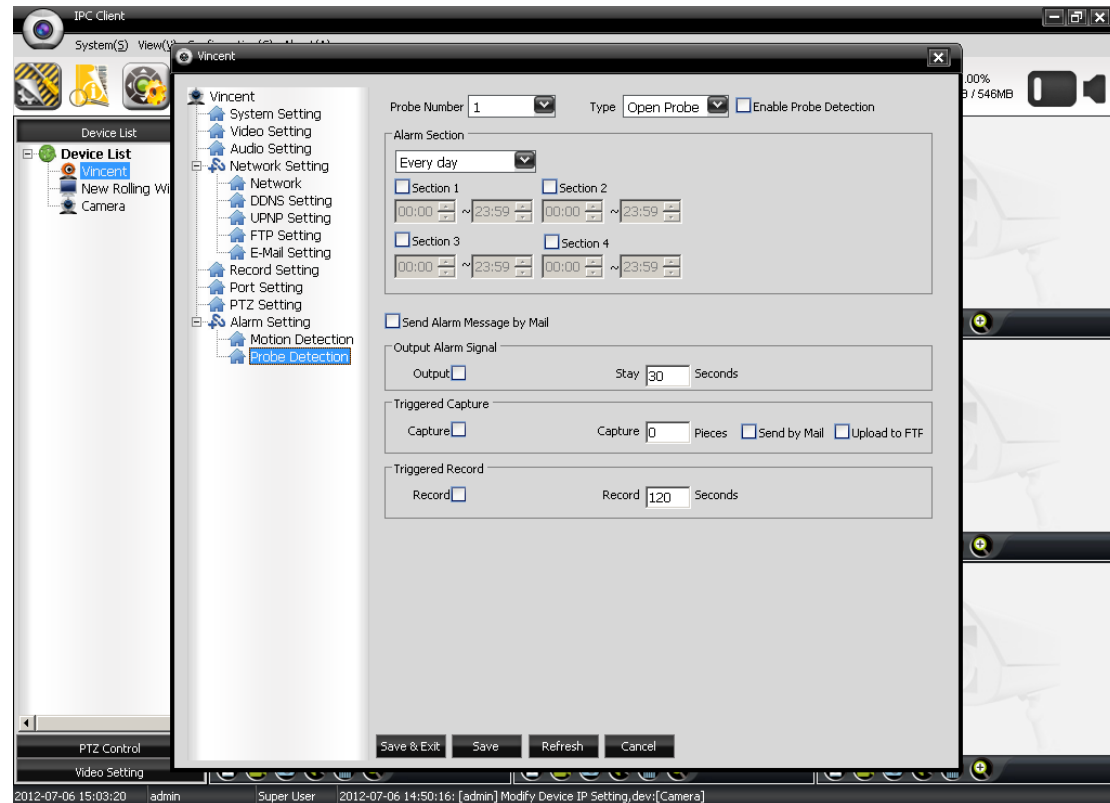


P3.30

Probe Detection

User can set detection zone, probe type, alarm section, alarm signal output, triggered record & capture, send alarm message by mail and so on.

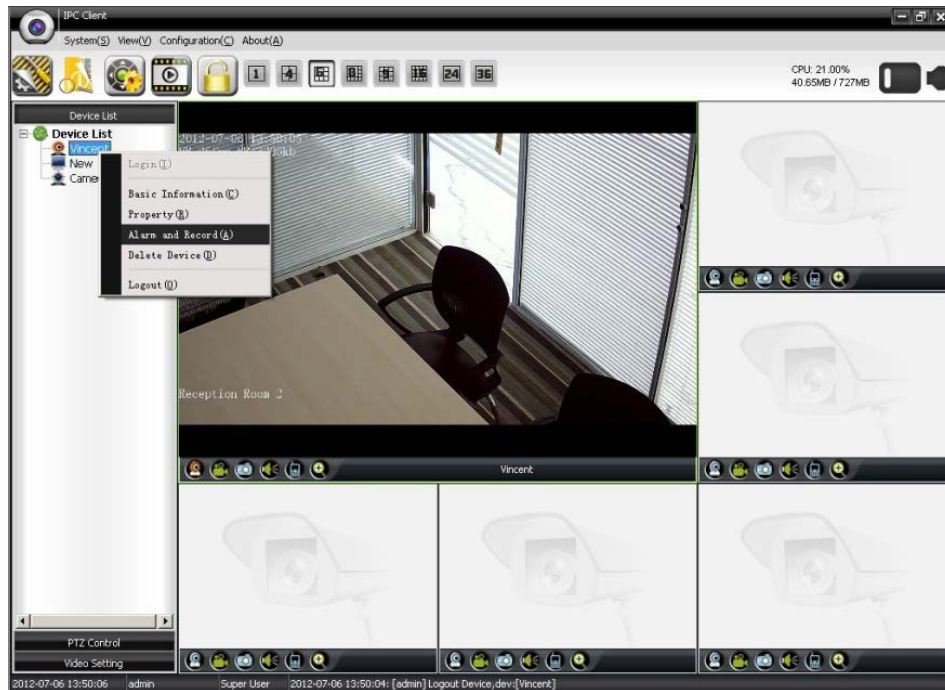
Select checkbox “Enable Probe Detection” and click “Set Zone”, then user can click and drag the mouse to draw multiple detection zones.



P3.31

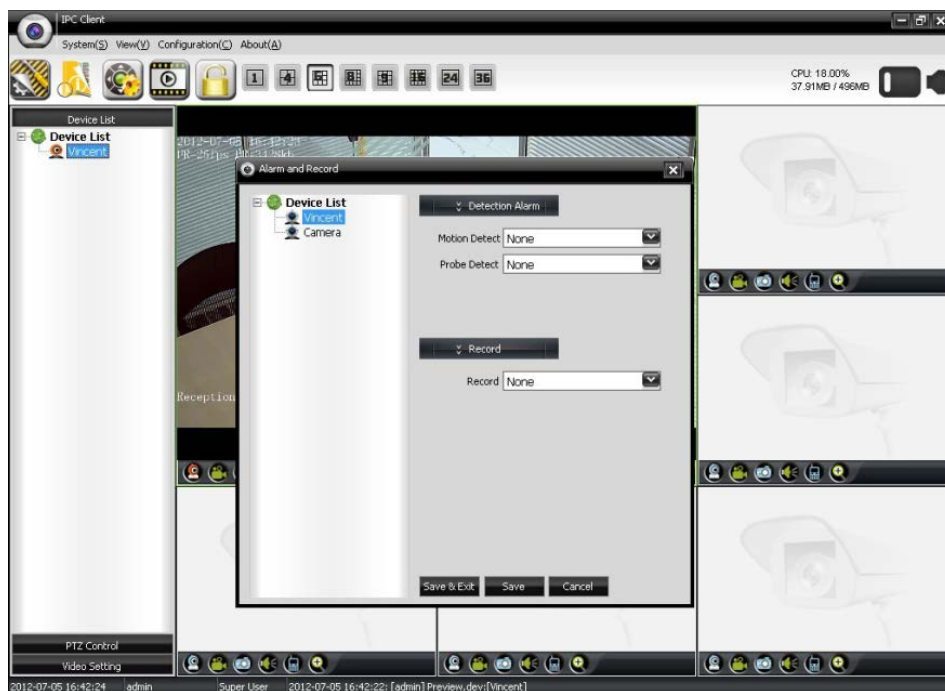
3.7 Alarm and Record

User can set alarm for detection and delegate record task to camera in “Alarm and Record” section. Right Click the camera and select “Alarm and Record”.




P3.32

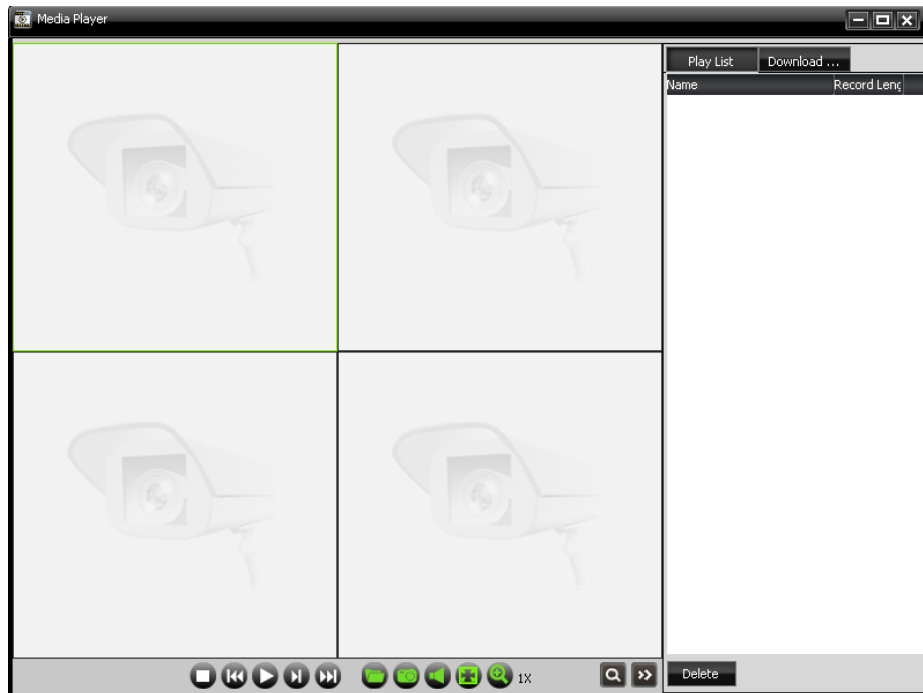
Select alarm for motion/probe detection and record task for camera. To create alarm and record task, please refer to Configuration>>Alarm Setting/Record Task Setting. To set motion/probe detection, please refer to Property>>Alarm Setting>>Motion Detection/Probe Detection




P3.33

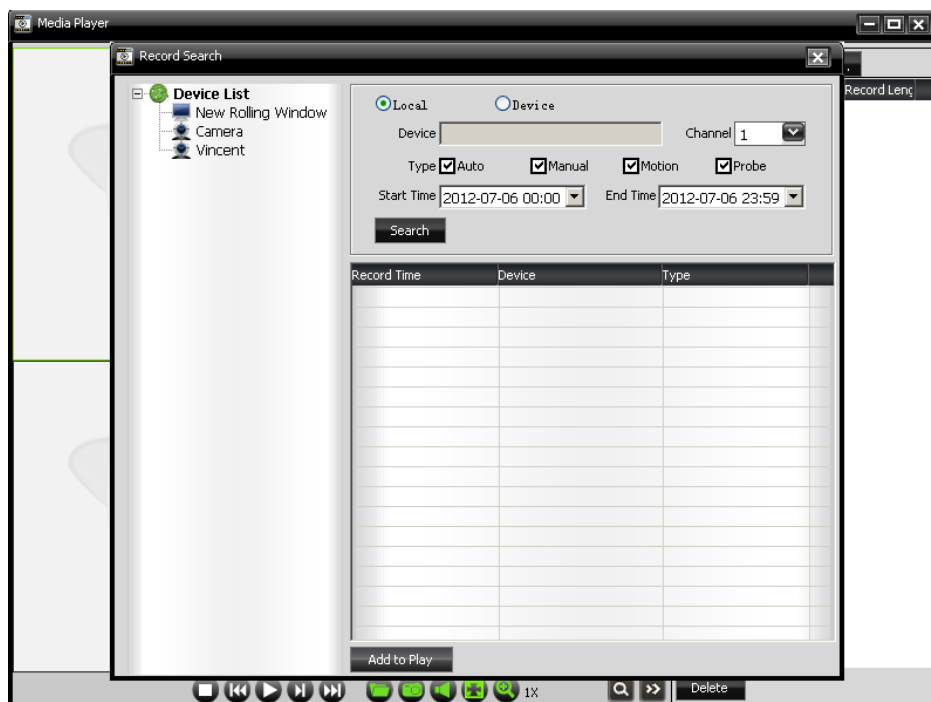
3.8 Media Player

User can search and play recorded video file by our media player. Click  or select View>>Media Player to run player.



P3.34

Click  at the right bottom corner of the view screen to search recorded video.



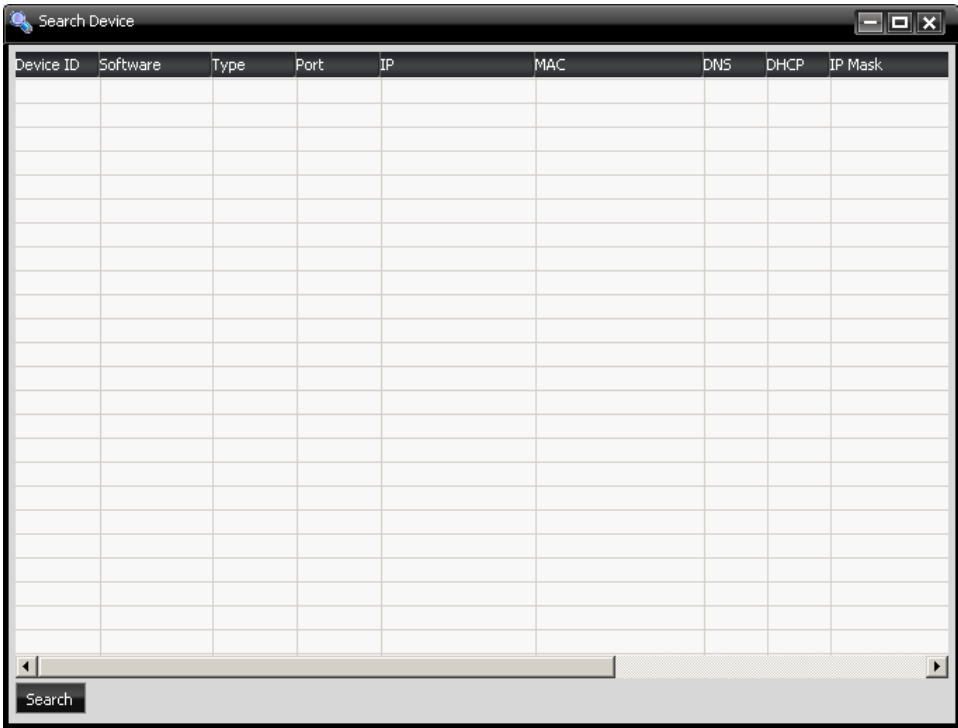
P3.35

User can also use the function buttons to stop, slow/fast forward, pause, next frame, open file and so on, as well as download video file stored in the Micro SD Card.



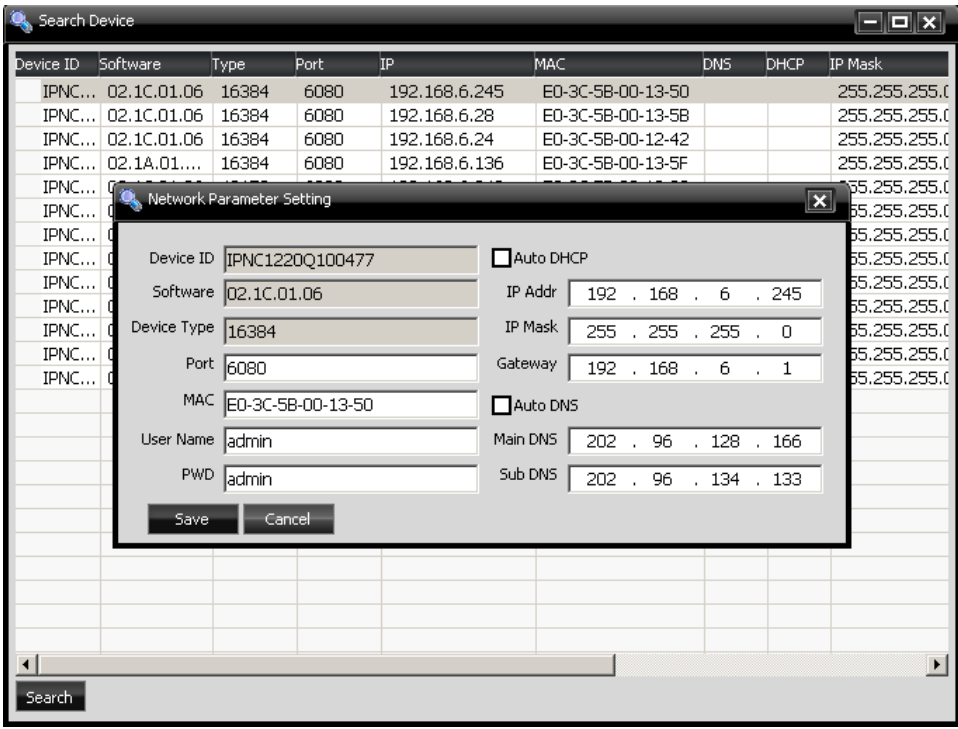
4. Device Searcher

A device searcher tool will also be installed along with the client software.



P4.1

After searching, double click the device to modify some basic parameters.



P4.2

5. FAQ

1. Q: What's the default IP address?
A: 192.168.1.253
2. Q: Why is video not clear?
A: Make sure your lens is properly adjusted. You can also increase the bit rate or frame rate.
3. Q: How to login the device when using client interface?
A: Right click the device and select "Login".
4. Q: How to set auto record?
A: For web interface, select Setting>>Device Config>>Auto Record, and video will be stored in Micro SD Card. For client interface, select Configuration>>Record Task Setting to set record task, then right click the device and select "Alarm and Record" to choose record task for the device, video will be stored through record path. To set record path, select Configuration>>Local Setting. After login the device, you can also select Property>>Record Setting to record video in Micro SD Card.
Note: If you want to record in Micro SD Card, you need to format if it is used for the first time.
5. Q: Why can't the device detect Micro SD Card?
A: After insert the Micro SD Card, you need to reboot the device if it is working.
6. Q: How to set alarm?
A: For web interface, select Setting>>Device Config>>Alarm Setting. For client interface, select Configuration>>Alarm Setting to set alarm, right click the device and select "Alarm and Record" to delegate alarm to Motion Detection and Probe Detection, then login the device and select Property>>Alarm Setting>> Motion Detection/ Probe Detection
7. Q: Why is alarm not working after proper configuration when using client interface?
A: You need to login the device first.
8. Q: Why is motion detection not triggered when there is movement in the detection area?
A: 1. Make sure that motion detection is enabled; 2. Make sure that alarm section is set appropriately; 3. Increase the detection sensitivity.

9. Q: Why can't I receive audio signal from the device after enabling?
A: You need to set the appropriate audio input mode. For web interface, select Setting>> Device Config>>Audio Setting. For Client interface, after login the device, select Property>>Audio Setting. If you want to receive audio signal through built-in MIC, select "MIC-In" for "Audio Input"; If you want to receive audio signal through line-in connection, select "Line-In".
10. Q: Why can't I control PTZ camera?
A: The PTZ parameters of the client and PTZ camera must conform with each other.
11. Q: How to upgrade?
A: For web interface, select Setting>> Device Config>>System Setting>>Upgrade. For client interface, after login the device, select Property>>System Setting. Upgrade will take effect after reboot.