

HD IP CAMERA USER MANUAL

Version 1.1

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PRONOUNCEMENT

Thank you so much to buy my company's products ,if you have any questions or needs, please feel free to contact us·

This manual may contain technical inaccuracies, or is not consistent with what product functions and operation, or printing errors· We will according to product function enhancement and update the contents of this manual, and will be on a regular basis to improve or update the products or programs described in this manual· Updated content will join in the new version of this manual, without prior notice·

AGREEMENT

In this manual, using the following document conventions:

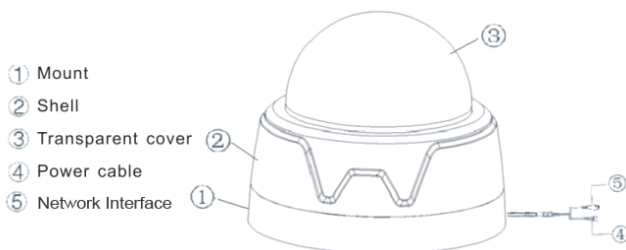
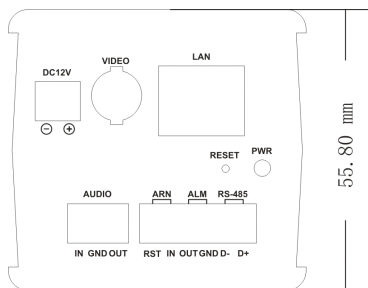
- 1) Click for the mouse the left key click.
- 2) Double click to the left mouse button double click.
- 3) Right click to the right mouse button click.
- 4) With square brackets " **【 】** " said window name, menu name and data table.
- 5) Stressed the need for readers attention with the same number, italic and bold text.
- 6) Some pictures for the schematic , please refer to our actual interface software.

PRECAUTIONS FOR SAFE USE

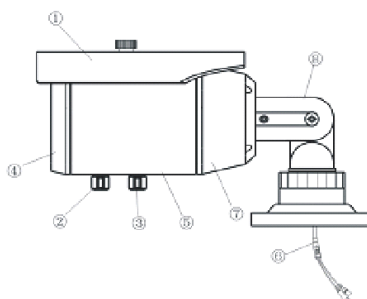
- Avoid direct glare(If directly at the sun ,will can damage the CMOS image sensor system).
 - Avoid using the machine in extreme environments.
 - Especially in a cold or hot environment. (Such as radiators, heat registers. The working environment is -10 °C ~ +50 °C, humidity 90% or less.)
 - Avoid close electromagnetic radiation great places.
 - Do not install in direct sunlight, strong earthquakes in the region as well as wet, dusty or heavy soot places.
 - Clear the CMOS surface of dust and dirt with a hair dryer.
 - Do not enter through the large voltage(Input supply: DC11V~15V).
 - CMOS image may appear following specific phenomenon but does not indicate a malfunction.
 - White spots: When running more easily seen in the case of a higher temperature environment, or when the enhanced automatic gain function or use of the cumulative function of the frame.
 - Vertical streaking: When a very bright object, such as a strong spotlight or flashlight, streaking may be generated on the screen or image effects may be distorted.
 - Image overlap: Image overlap or flashing may be occur when normal picture, streaks or lines impact.
 - Please do not beat or pressing hard to the product.
- If you carry on the above operations may lead to electric shock or cause a fire.

1. Product Appearance And Installation Instructions

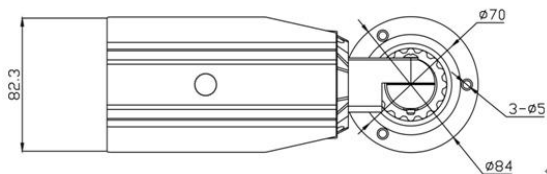
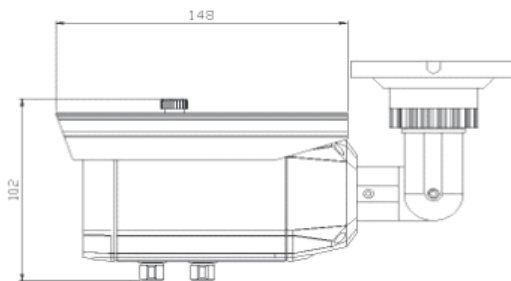
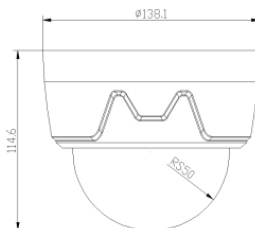
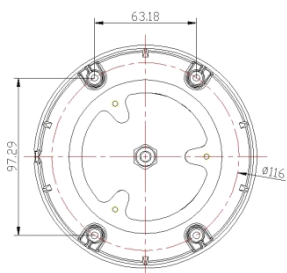
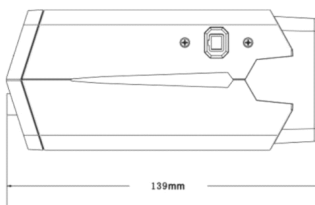
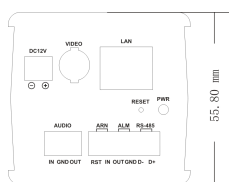
1.1 Product Part Description



- 1 Weatherproof Cover
- 2 Zoom Button
- 3 Focus Button
- 4 Front-end
- 5 Aluminium Shell
- 6 Network Interface
- 7 Back Cover
- 8 Bracket



1.2 Product Appearance Specifications



Search tools page mainly includes the following parts:

No.	Description	No.	Description	No.	Description
1	ID	4	Device Port	7	Device serial number
2	Device Name	5	Channel	8	Search
3	IP addresses	6	MAC addresses	9	Modify

If search out the IP address and the IP address of the computer is not in the same network segment, and can be modified by the device search software IP cameras IP address, subnet mask and port number and other parameters.

In the device search software, select the device you want to modify, is selected state ,click **【Modify】** ,then enter the new IP addresses, Subnet Mask, Device port and DNS server, click **【Modify】** , you can modify the IP addresses of the device. Device search tool currently supports only the IP address of the search with the same segment of the PC device.



The search tool to modify network parameters page includes the following parts:

No.	Description	No.	Description	No.	Description
1	Device Address	4	Gateway	7	DNS2
2	Device port	5	MAC addresses	8	Modify
3	Subnet Mask	6	DNS1	9	AutoObtain

3. Network Access

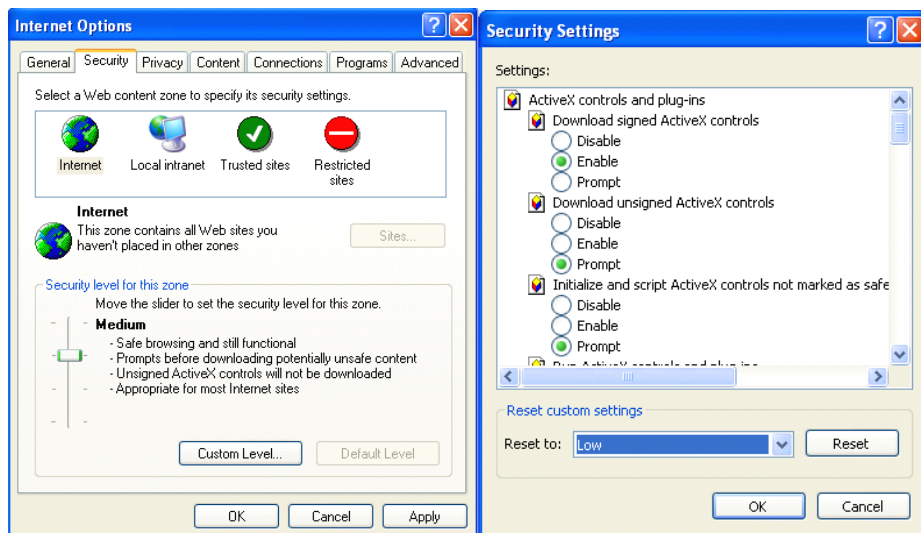
The hardware installation is completed, the need for IP camera preview and configuration parameters, here are two kinds of access:

1. Through the IE browser preview image, configure the parameters of the IP camera;
2. Through the client software preview image , configure the parameters of the IP camera.

3.1 IE Security Settings

NOTICE: When though IE browser preview IP camera image, you need to set the security level of the browser, in order to facilitate the installation of plug-in.

Open IE browser, to enter the menu→tool/Internet options/ security/ custom level, [ActiveX controls and plug-ins] are changed to enable in settings, the security level is set to 【security level - low】 .

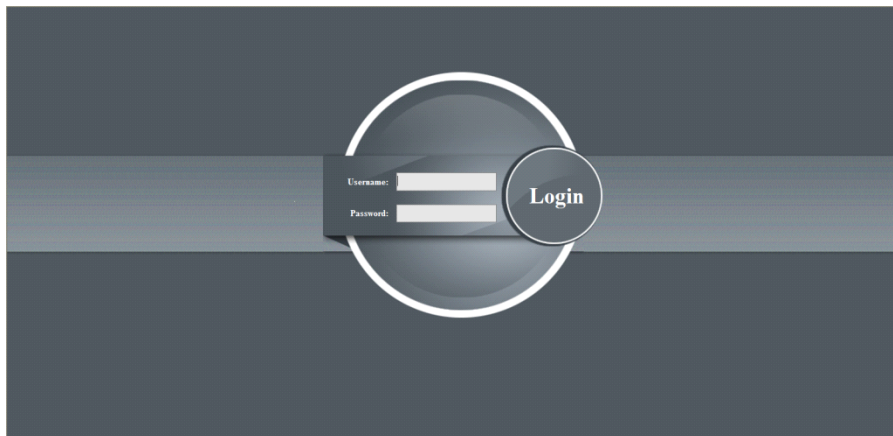


PROMPT: for safety in the preview to the IP camera image, please restore the IE browser's security settings for the "Default Level".

3.2 Preview Image

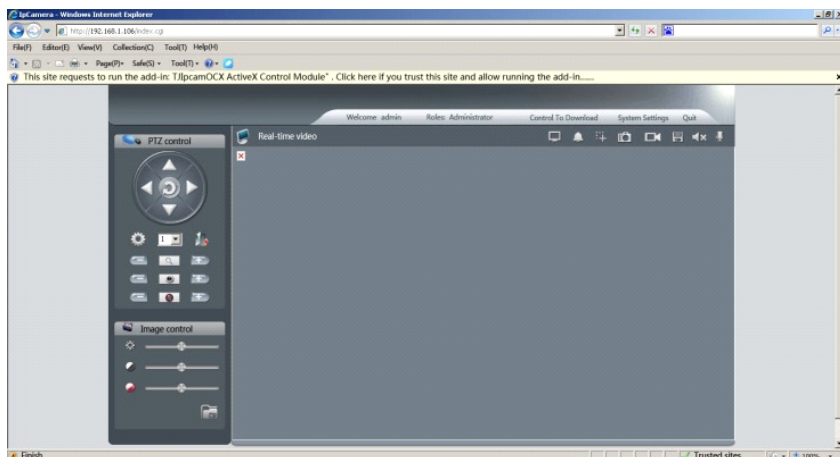
Step 1: Log in.

Enter the IP camera IP address in the IE browser address bar, then click enter, or double-click the network search tool IP addresses. In the login interface, input IP camera user name, password, then click **[Login]** , you can enter the main interface to preview.

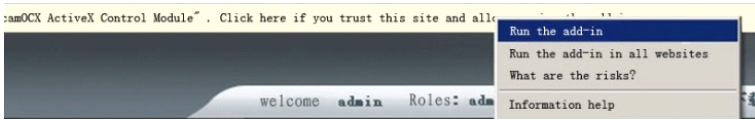


NOTICE: IP camera factory default IP access to DHCP, if the network without DHCP server, default fixed IP address is 192.168.1.123, default port is "80". Administrator user is "admin", user password is "admin".

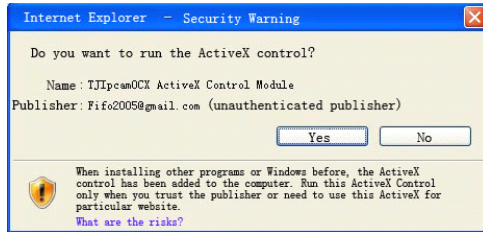
System pop-up prompts to install the ActiveX plugin. As shown, click on the prompt will pop up as shown in diagram to install ActiveX plug-in dialog.



Right-click the prompt bar, Click **【Run the add-in】** .



Click **【Yes】** Active control.

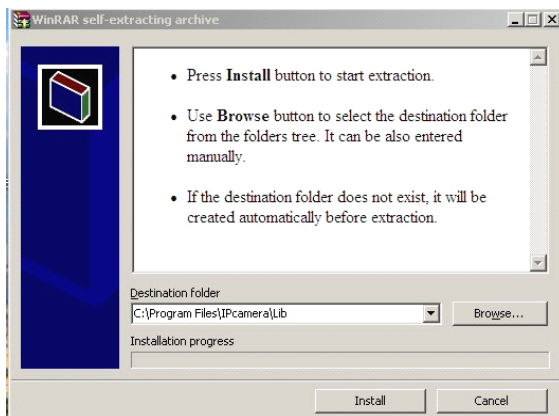


Step2: Installing OCX controls.

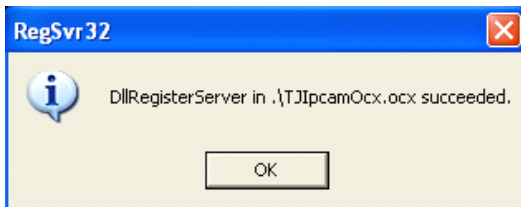
Right-click on the video preview main interface tab bar **【OCX Download】** ,click **【Save target as】** , saved to the specified directory folder.



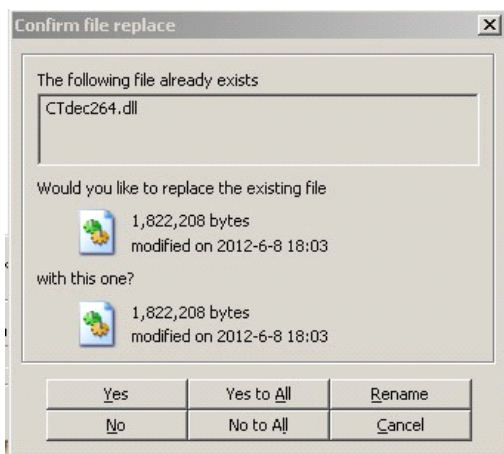
Double-click the installer, click **【Browse】** , select installation directory folder, then click **【Install】** .



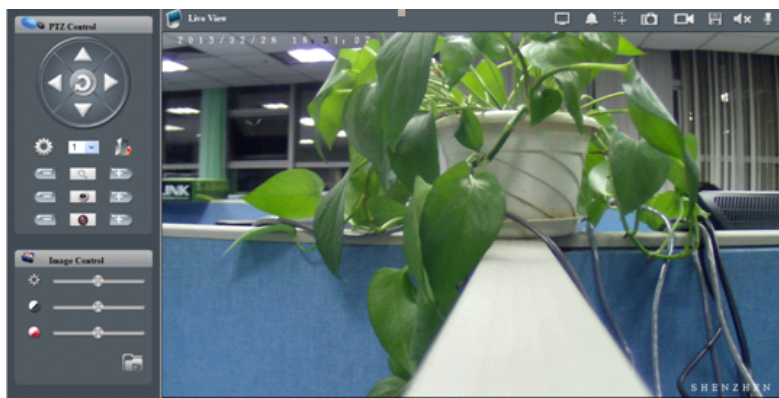
After successful installation, click **【OK】** .



NOTICE: If not the first time installation, following dialog box will appear in the installation process, click **【Yes to All】 .**



Click **【Refresh】** or log in again, you can preview images.



Preview interface information:









Icon	Description
	Main stream and sub-stream switching
	Alarm information
	The proportion of video display switching
	Snapshot
	Start or stop recording
	Capture format and stored locally path settings, the default for the system C:\,according to the actual situation changes
	Open or close the listener
	Talkback

Image Control:

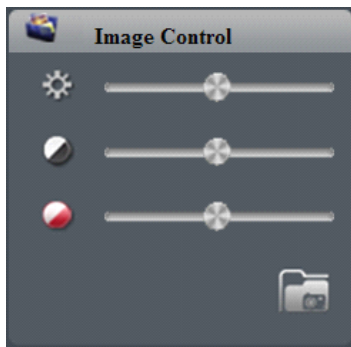








Image quality parameter setting:

Icon	Description
	Brightness, values 0-255 can be set
	Contrast, values 0-255 can be set
	Saturation, values 0-255 can be set
	Default

Move the slider can adjust the playback of real-time video parameters(Click  video parameters automatically return to the initial setting status).


PTZ control:

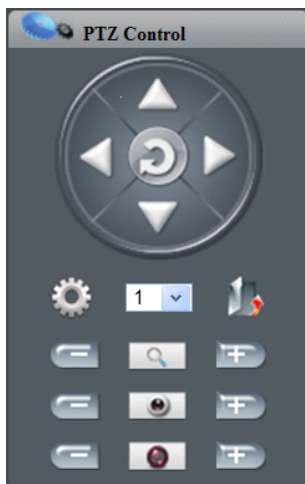
Through the four direction keys control the PTZ direction of rotation.

Click  PTZ start automatically scan, click again stop PTZ automatically scan.

Click below the function key focal length, aperture and zoom adjustment.

Move PTZ to the desired position, click  can completion of the preset settings.

Select a preset number, click  call the corresponding preset.



4. Parameter Configuration

Click **【system settings】** , into the system configuration parameter interface.

The screenshot displays the system configuration parameter interface. At the top, it shows 'Welcome: admin Role: Admin' and an 'Exit' button. The left sidebar contains a menu with 'System' selected, which includes options like 'User Management', 'Device Upgrade', 'Config Manage', 'Running Status', 'Time Synchronization', 'Device Reboots', and 'Log Query'. The main content area is divided into several sections:

- Device Information:**
 - Inner ID: BC89
 - Device type: RLD1
 - Device No.: RLD1-T368121126-00554B84D6AB8C89
 - Device register ID: T368120808
 - Version: V0.1.40-F MT9P031
- LAN Status:**
 - LAN configuration: DHCP
 - IP: 192.168.1.103
 - Mask: 255.255.255.0
 - Gateway: 192.168.1.1
 - Port: 80
 - MAC: 00:55:4b:84:d8:ab
 - On Click To Set LAN Configuration
- WAN Status:**
 - WAN Status: UPNP Disable
 - DDNS status: Close
 - On Click To Set WAN Configuration
- SD Card Status:**
 - Memory capacity (Surplus/Total): Not card or do not recognition
- Camera running time and users to connections:**
 - Number of client connections: 1
 - Working time: 0Day 23Hour 51Min

4.1 Network Parameter

4.1.1 Network Parameter-Network Configuration

In accordance with the actual needs of, setting the IP camera **【IP addresses】** , **【Device port】** , **【Subnet Mask】** , **【Gateway】** and **【DNS】** .

If the network contains a DHCP server, Select **【automatically obtain】** , reboot the device to automatically obtain the IP addresses in the segment.

Network Parameter	Description
IP get way	Manual settings, automatically obtain, dial-up settings is optional
IP address	Setting the IP addresses of the camera
Port	The default port is 80(Recommends that customers not modified)
Gateway address	Setting the gateway IP addresses of the camera, for example, the device through the router to access the public network, gateway IP is set to access public network router IP
Mask address	The default is 255.255.255.0(Recommends that customers not modified)
MAC address	The physical address of the camera
DNS get way	Manual settings, automatically obtain is optional
DNS1 DNS2	Network of preferred and alternate DNS server address

The screenshot shows a web interface titled "Network Configuration". It contains several input fields and dropdown menus for network settings:

- IP get way: Manual (dropdown)
- IP address: 172.16.1.21
- Hostname: (empty)
- Port: 80
- Gateway address: 172.16.1.1
- Mask address: 255.255.255.0
- MAC address: 00:c1:fb:92:1f:4b
- DNS get way: Manual (dropdown)
- DNS1: 210.21.196.6
- DNS2: 221.5.88.88
- Submit button

4.1.2 Network Parameter-Service Configuration

FTP service settings

FTP server will alarm trigger snap pictures sent by FTP to a specified FTP server, two FTP server can support, when the preferred server fails switch to the backup server.

According to the actual need to set the preferred, alternate FTP server configuration parameters. Enter

the address of the FTP server, port number, user name, password and other information, then click **【submit】** .

Connection of the FTP server is divided into **【PORT】** and **【PASV】** .

Parameters	Description
Server address	The IP address of the FTP server
Port	The port of the FTP server , the default port is 21
User name	The user name of the FTP server
Password	The password of the FTP server
PORT	Active connection
PASV	Passive connection

The screenshot displays the camera's configuration interface. At the top, it says "Welcome: admin Role: Admin". On the left is a navigation menu with categories like "Network Parameter", "Media Settings", "PTZ Settings", "Alarm Settings", "Store Management", and "System". The "Server Configuration" sub-menu is active. The main area shows two configuration sections: "FTP Server" and "FTP Standby Server". Each section has input fields for "Server address" (192.168.1.100), "Port" (21), "User name" (ftpusr), and "Password" (masked with dots). Below the password field are radio buttons for "PORT" (selected) and "PASV". A "Submit" button is at the bottom of each section.

SMTP server settings

By setting the SMTP server parameters, when an alarm occurs, E-mail can be sent to the specified mailbox, two SMTP servers can be support, when the preferred server fails switch to the backup server.

According to the actual need to set the preferred , alternate SMTP server configuration parameters. Enter the address of the SMTP server, sender address, recipient address, port number, user name, password and other information, then click **【submit】** .

Parameters	Description
Server address	Send EMAIL server address, different mail service provider's mail server address format inconsistent, such as 163 mailboxes SMTP server is smtp.163.com
Send EMAIL address	Send mail mailbox
Receive EMAIL address	Receive mail mailbox
Port	The port of the SMTP server, different mail server, port different. Such as 163 EMAIL server port is 25
User name	The user name of the send mail mailbox
Password	The password of the send mail mailbox

SMTP server

Server address:	<input type="text" value="smtp.mailserver.com"/>
Mail form:	<input type="text" value="mailusr@mailserver.com"/>
Mail to:	<input type="text" value="mailto@mailserver.com"/>
Port:	<input type="text" value="25"/>
User name:	<input type="text" value="mailusr"/>
Password:	<input type="password" value="•••••"/>
<input type="button" value="Submit"/>	

SMTP Standby Server

Server address:	<input type="text" value="smtp.mailserver.com"/>
Mail form:	<input type="text" value="mailusr@mailserver.com"/>
Mail to:	<input type="text" value="mailto@mailserver.com"/>
Port:	<input type="text" value="25"/>
User name:	<input type="text" value="mailusr"/>
Password:	<input type="password" value="•••••"/>
<input type="button" value="Submit"/>	

4.1.3 Network Parameter→PPPoE

Device to restart PPPoE: said open PPPoE function.

Enter PPPoE user name and password, click **【submit】**, restart, the camera will get a public IP address, this IP address will be sent to the mailbox settings.

NOTICE: Before using PPPoE, please set E-mail.

Network Parameter

PPPoE

Welcome: admin Role: Admin

Device to restart PPPoE:

User name: PppoeName

Password:

Note: Before using PPPoE, Please set Email first. The IP will be sent to the Email [Click to Set Email](#)

Submit

4.1.4 Network Parameter→More Settings

DDNS Settings

If the device using the PPPoE connection network, using DDNS(Dynamic DNS), access device by domain name, can be an effective solution to the dynamic IP access device brought trouble.

DDNS Enable: said open DDNS function.

【Server】: Protocol type can be selected as **【3322】**、**【dyndns】** and **【dnsdynamic】** .

If the protocol type is 3322: Please enter the domain name operation server address, for example wjatest.3322.org.

If the protocol type is dyndns: Please enter the domain name operators server address. for example members.dyndns.org.

【Update time】: Update the DDNS information according to the set time interval.

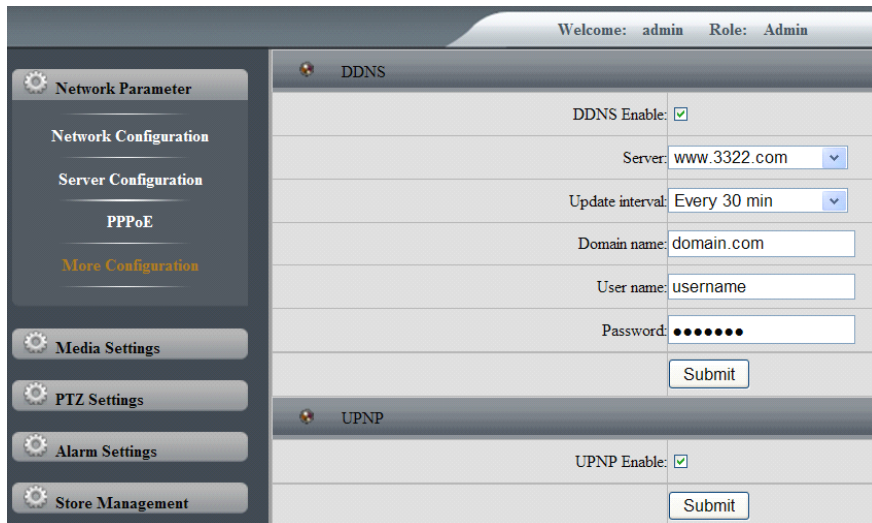
【Domain name】: Users apply for their own domain name (The application in DYNDNS or 3322 website domain name) .

【Account、 Password】: The user name and password of the user account registered in DYNDNS or 3322 website.

After the setup is complete, click [submit] to take effect.

UPNP settings

UPNP Enable: said open UPNP function.



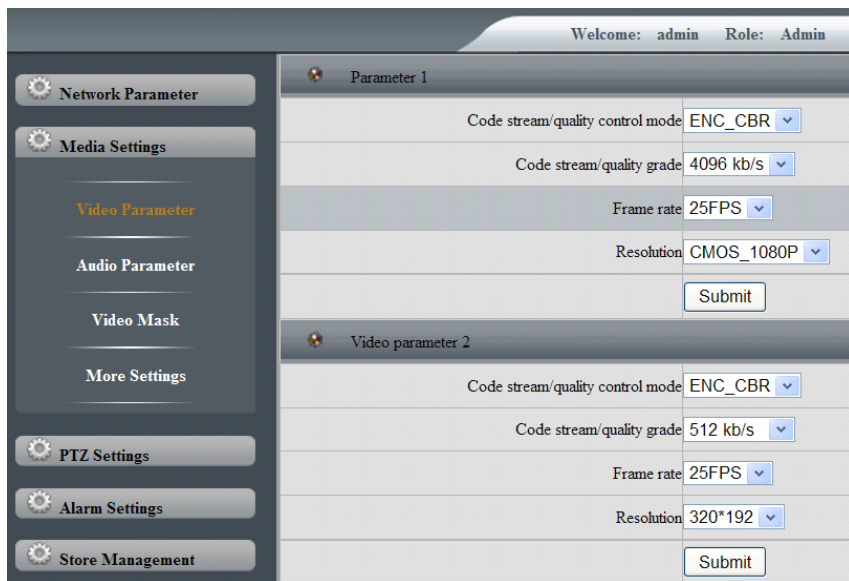
Into the router parameter setting interface(TP-LINK router TL-R406 configuration interface as an example), in router 【Forwarding rules】 → 【UPnP settings】 options, click 【Enable UPnP】 ,then click 【Refresh】 .

4.2 Media Settings

4.2.1 Media Settings→Video Parameter

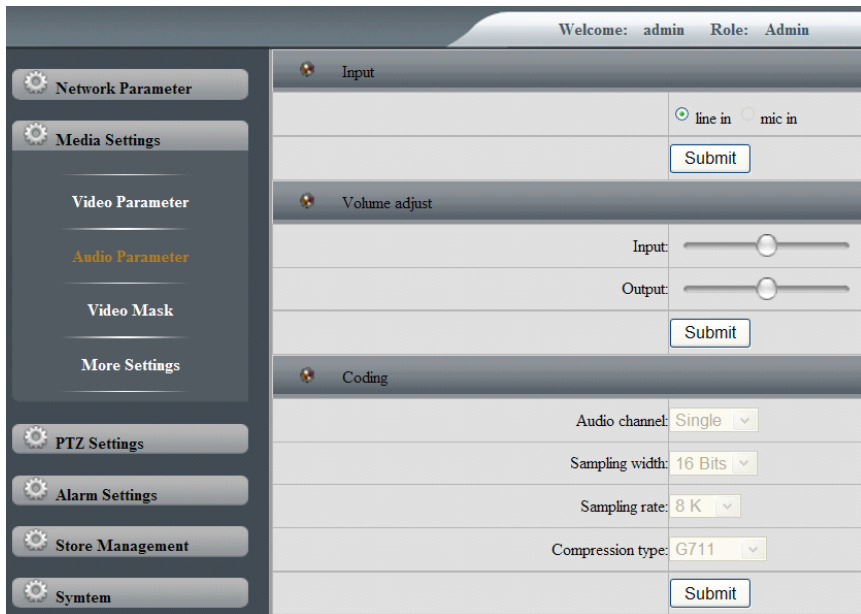
Video settings interface information:

Parameters	Description
Parameter 1	Main stream video parameter settings
Parameter 2	Sub-stream video parameter settings
Variable bit-rate streams / Image quality	Variable-bit-rate image quality setting 4 grades optional
Fixed bitrate stream / Image quality	Given bit rate stream set six parameters optional
Frame rate	10FPS、 15FPS、 20FPS、 25FPS optional
Main stream resolution	HD 1080P, HD 720P optional, according to the actual selection of the appropriate resolution
Sub-stream resolution	VGA、 CIF optional, to their actual needs to select the appropriate resolution



4.2.2 Media Settings→Audio Parameter

Parameters	Description
Input	Line Input
Volume adjust	Move the slider to adjust the volume slider
Audio channel	Mono
Sampling width	16bits
Sample rate	8K
Compression type	G711

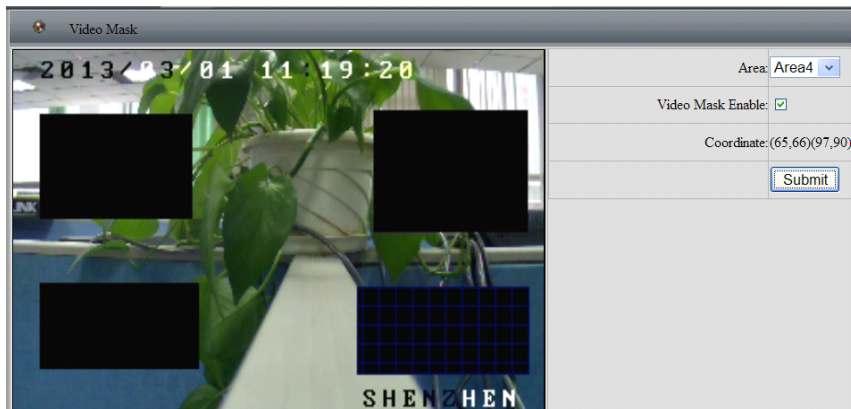


4.2.3 Media Settings→Video Mask

The software can be set to the camera video image privacy masking, the privacy area in the image on the cover in black-rimmed, you can set up to four video cover area at most. Select the desired video privacy masking area, Video Mask Enable: said open video cover function.



In the video cover regional settings interface, drag the mouse can choose the video cover area.



4.2.4 Media Settings→More Settings

OSD Parameters settings

Time display position: 9 position parameter is optional, can choose whether to display the time.

Text display position: Video name display position, 9 position parameter is optional, can choose whether to display the video name.

Video display name: Can be set, 11 characters maximum support.

Image flip

Frequency according to the actual needs of select 【50HZ】 or 【60HZ】.

The image flip way 【upside down】 and 【Flips around】 in accordance with the actual needs can

choose whether to enable, said open, said not open.

Composite video configuration

BNC mode signal video output.

Analog video formats into PAL and NTSC.

Click 【Close】 to close the composite video.

IR-CUT (IR cut filter)

Setting image color black and white mode, the default is auto.

Full color: The camera will only output color images.

Blackwhite: The camera will only output the monochrome image.

Auto: According to the characteristics of device (The overall brightness of the image or whether infrared lights attached) selection output color or monochrome image.

Timing: For the user to set to force the image color or monochrome time, sunrise elected: 06:00:00, the Sunset time to 18:00:00, in this time period image are color, the rest of the period of time for the monochrome image.

Iris control

The iris control mode is divided into manual and automatic optional.

Auto iris mode for devices connected to the auto iris lens. When the light changes, auto iris will change.

Manual iris mode, iris at maximum. The default for the auto iris.

Real-time streaming media

When you enable RTSP function, users can support standard RTSP protocol (for example: player VLC) to real-time preview of the camera, audio and video streaming.

Parameters	Description
RTSP Stream 1	The main data rate preview video
RTSP Stream 2	The Sub data rate preview video
RTSP Video Stream1	Without audio the main data rate preview video
RTSP Video Stream2	Without audio the sub data rate preview video
RTSP Audio Stream1	Alone audio function, without preview video
Password authentication	<input checked="" type="checkbox"/> said open, <input type="checkbox"/> said not open

The screenshot shows a web-based configuration interface for an HD IP camera. On the left is a sidebar menu with categories: Network Parameter, Media Settings, Video Parameter, Audio Parameter, Video Mask, More Settings, PTZ Settings, Alarm Settings, Store Management, and System. The main content area is titled 'OSD Settings' and includes the following sections:

- OSD Settings:** Time Display Position (Top Left), Text Display Position (Bottom Right), Video display name (ipc), and a Submit button.
- Image Flip:** Rate (50HZ), Flip way (Up and down, Right and left), and a Submit button.
- Composite video configuration:** Composite video (PAL) and a Submit button.
- IR-CUT:** Mode Change (Full color) and a Submit button.
- Aperture Control:** Control Mode (Manual) and a Submit button.
- RTSP:** A list of RTSP stream URLs:
 - RTSP Stream 1: rtsp://192.168.1.103:80/1_3.m
 - RTSP Stream 2: rtsp://192.168.1.103:80/2_3.m
 - RTSP Video Stream 1: rtsp://192.168.1.103:80/1_video
 - RTSP Video Stream 2: rtsp://192.168.1.103:80/2_video
 - RTSP Audio Stream 1: rtsp://192.168.1.103:80/1_audio

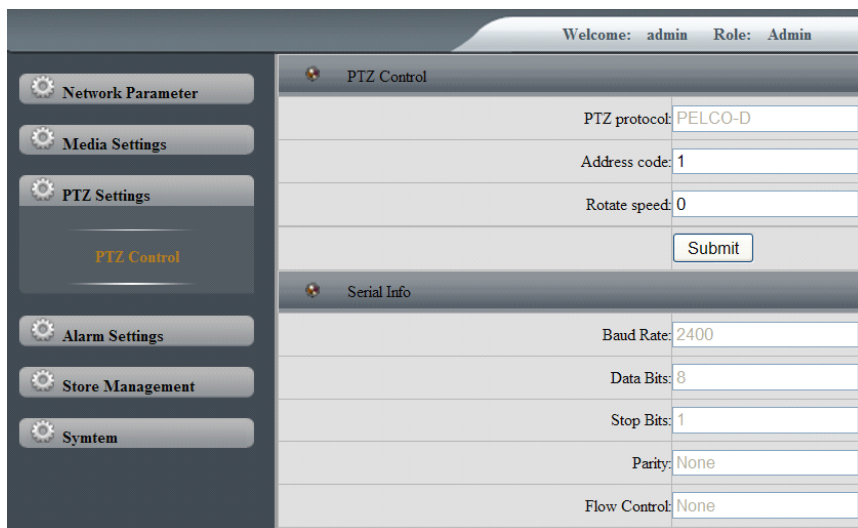
4.3 PTZ Settings

4.3.1 PTZ Settings-PTZ Control

Before PTZ control operating, first make sure the PTZ decoder parameters have been set correctly. Decoder parameters can be set by software device. PTZ control parameter interface set PTZ protocol, address code, protocol speed and other parameters.

NOTICE: RS-485 setting parameters must be consistent and PTZ decoder setting.

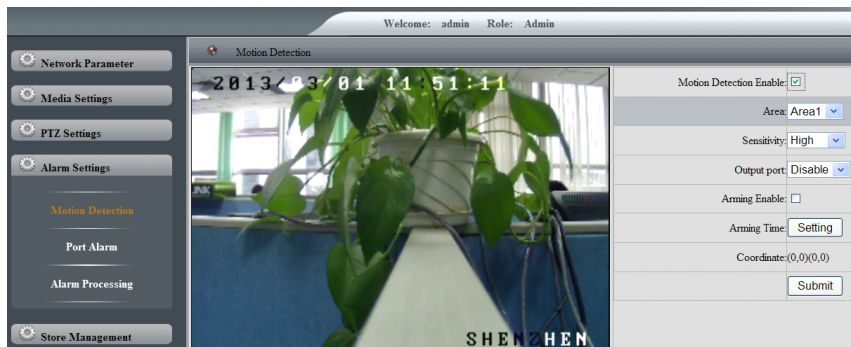
Parameters	Description
PTZ protocol	Matching with the dial type PTZ control protocol
Address code	Setting address of the ball machine, the default is 1 NOTICE: Address here is sure to be consistent with the address of the camera, otherwise not be able to control the camera
Baud rate	PTZ speed adjustable



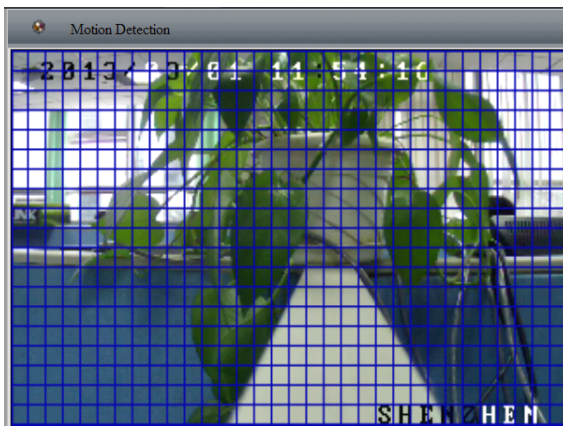
4.4 Alarm Settings

4.4.1 Alarm Settings-Motion Detection

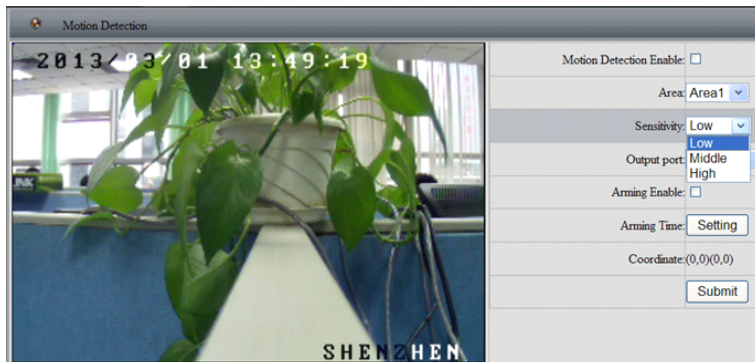
Motion Detection Enable: said open IP camera motion detection function.



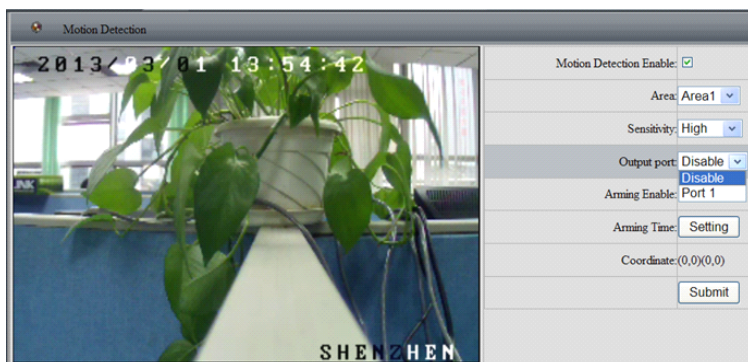
Set motion detection area, dragging the mouse to select the arming area mobile detection.



Motion detection sensitivity can be divided into the High, Middle, Low three choices.



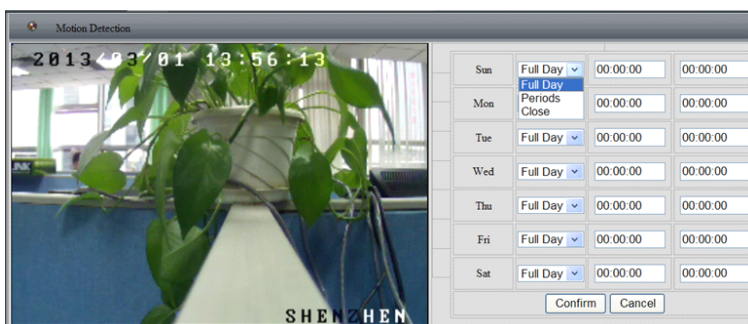
Setting the alarm output port: You can choose **【Disable】** or **【Port1】** .



Set mobile detection arming time.

The arming time can choose one day in seven days a week. Daily only can set a time period.

Optional all-day armed or sub-arming, click **【Cancel】** to cancel a day arming time.



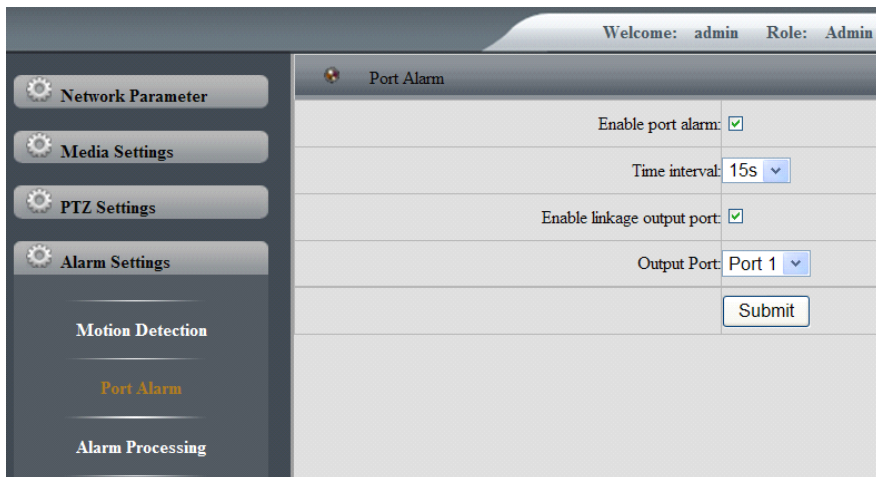
4.4.2 Alarm Settings→Port Alarm

Enable port alarm:

said open port alarm function, the alarm interval time can select, such as setting 【15s】 , said alarm intervals 15s,

Enable linkage output port:

said open linkage output port function, output port select 【Port1】 .

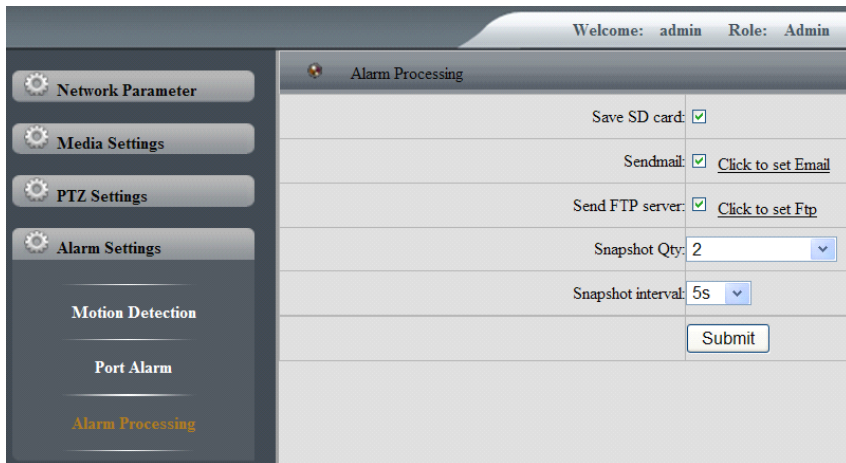


4.4.3 Alarm Settings-Alarm Processing

Alarm handling can choose to enable 【Save SD card】 and 【Send mail】 and 【Send FTP server】 .

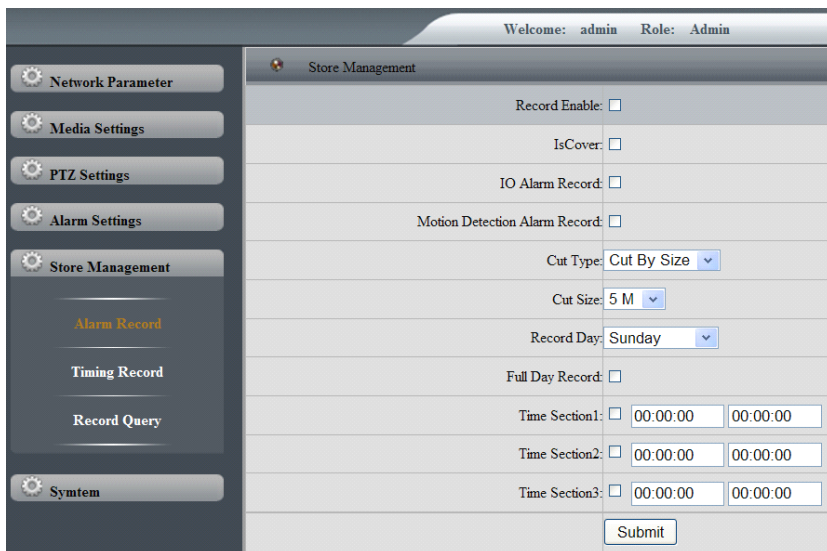
Alarm captured number can choose 1-5 pictures, or choose 【Don't snapshot】 , capture interval time can be selected, such as setting capture interval 【5s】 , setting capture snapshot 【3】 , said at intervals of 5S capture 3 snapshots.

NOTICE: Save SD card alarm recording.



4.5 Store Management

4.5.1 Store Management→Alarm Record



Record Enable: said open SD card recording function.

IsCover: said covering the first video.

Cut Type

Cut by time: Set each piece of video packaged long when record enable. Such as setting 【1min】 , said one minute of each video package a file.

Cut by size: Set each piece of video packaged size when record enable. Such as setting 【5M】 , said video size each reach 5M package a file.

Cut size: Actual parameters of the cutting time and size of the cut.

IO Alarm Record

IO Alarm Record:

said start IO alarm recording type, recording time can be set up one day a week, every day can be set up to three time periods at most.

Motion Detection Alarm Record

Motion Detection Alarm Record:

said to start the motion detection alarm recording type, recording time can be set up one day a week, every day can be set up to three time periods at most.

Full Day Record:

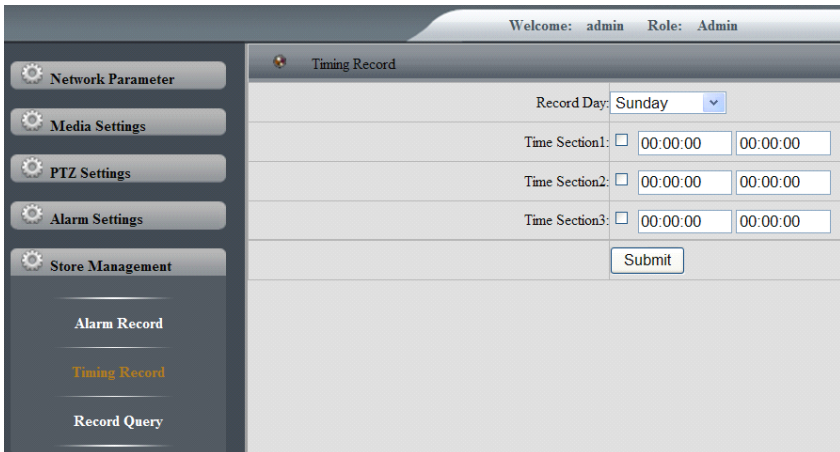
said full day recording.

After setting the parameters, click 【Submit】 settings to take effect.

- NOTICE:** 1. *If you choose to record time segment, each time period can not be crossed or contain.*
 2. *Alarm video stream types in the main stream.*

4.5.2 Store Management-Timing Record

Timing record time can be set up one day a week, every day can be set up to three time periods at most.



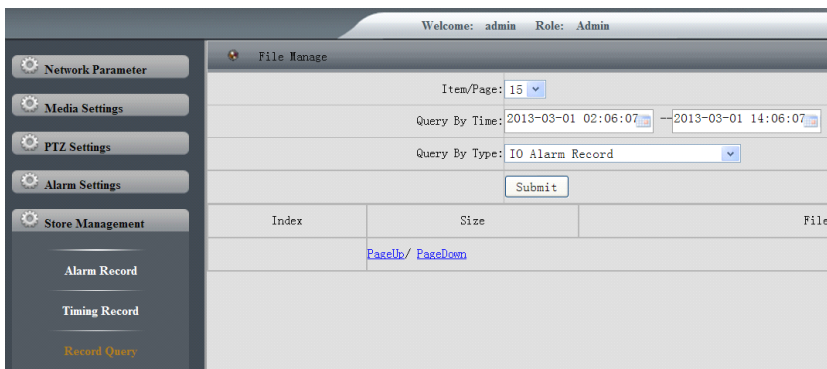
- NOTICE:** 1. *If you choose to record time segment, each time period can not be crossed or contain.*
 2. *Timing video stream types in the sub-stream.*
 3. *Timing video file will be saved on the SD card.*

4.5.3 Store Management-Record Query

Query record file

Select the video you need to query start and end time and type, click **【Submit】**, if video files that match the search criteria, is displayed in the list of search results.

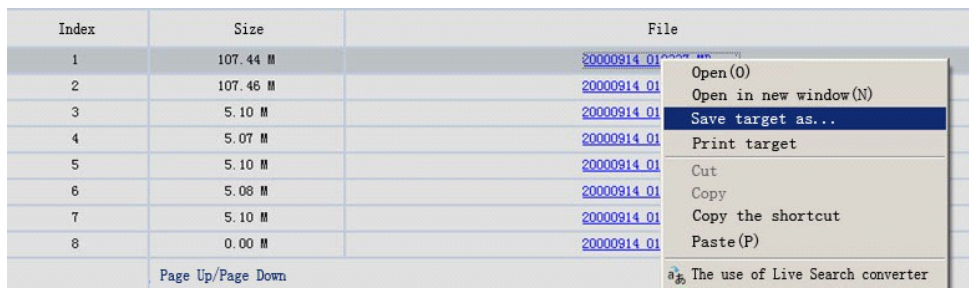
Parameters	Description
Item/Page	15、25 optional
Query By Time	According to the start and end time of SD video file query
Query By Type	SD video file by video query type



Download video files

Video search is completed, choose relevant video file downloaded to the local PC.

In search of video file list, right-click on the file name, click **【Save Target】**, saved to the specified directory folder.



4.6 System Settings

4.6.1 System Settings-User Management

When current user is an administrator user, users can create other users according to the actual needs, you can create up to nine users at most.

Add Users

Enter a user name, password and other information, select the user 【Permissions】 type, then click the 【Add】 to complete the user to add.

Change password

The administrator can modify the current user's login password in the user management interface.

Ordinary user clicks on a video preview of the main interface 【modify password】 tab, you can modify the current user's login password.

Change user permissions

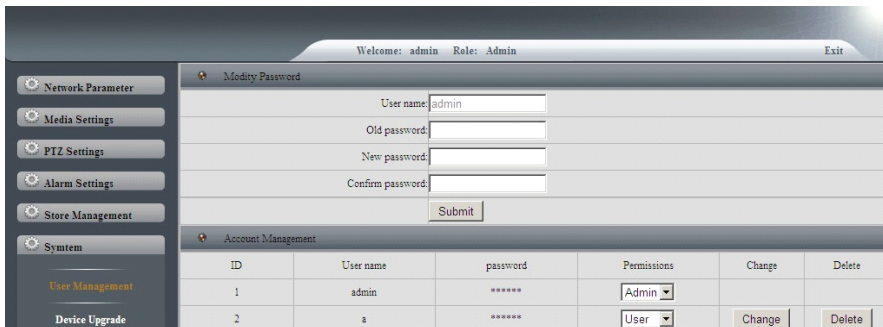
Select a permission types in a list user need to modify the drop-down, click 【Change】 .

Notice: **admin only modify the password, system administrator has all operating authority, ordinary users authority to operate the main interface has a video preview.**

Delete Users

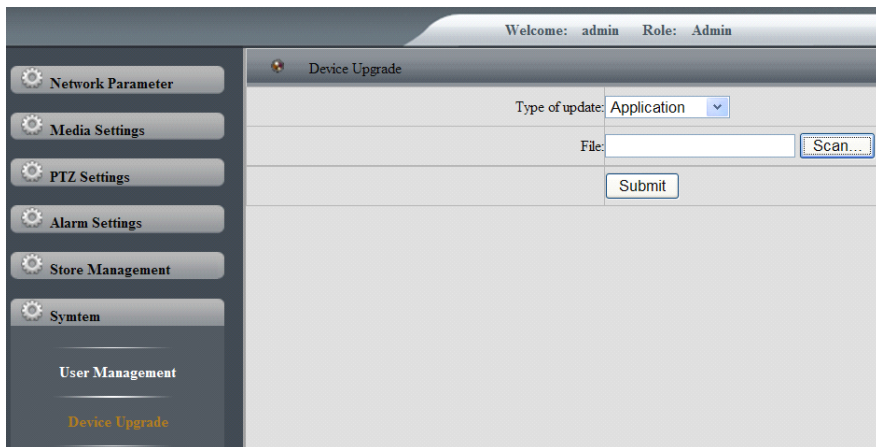
Behind the need to delete the user, click 【Delete】 ,then click 【Confirm】 .

NOTICE: Admin can not be deleted.



4.6.2 System Settings-Device Upgrade

According to the actual need to select the upgrade process type, select the application or PTZ software. Click **【Scan】** ,select local upgrade file, then click **【Submit】** .



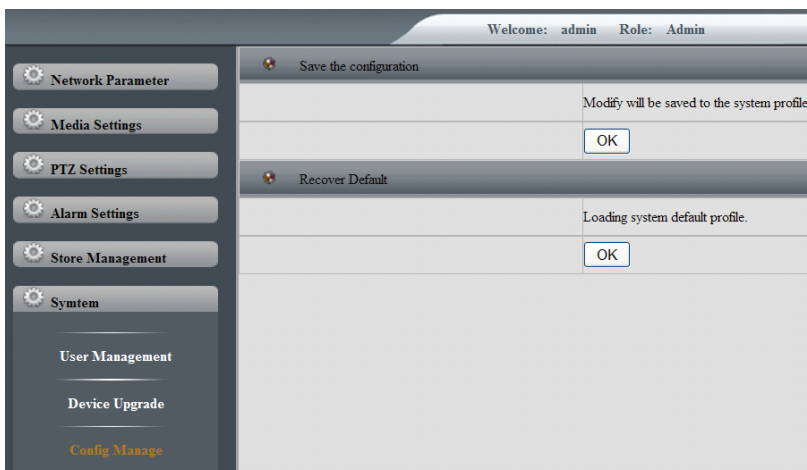
4.6.3 System Settings→Config Manage

Save the configuration

Click **【OK】** , change the parameters of the device settings are saved to the system configuration files.

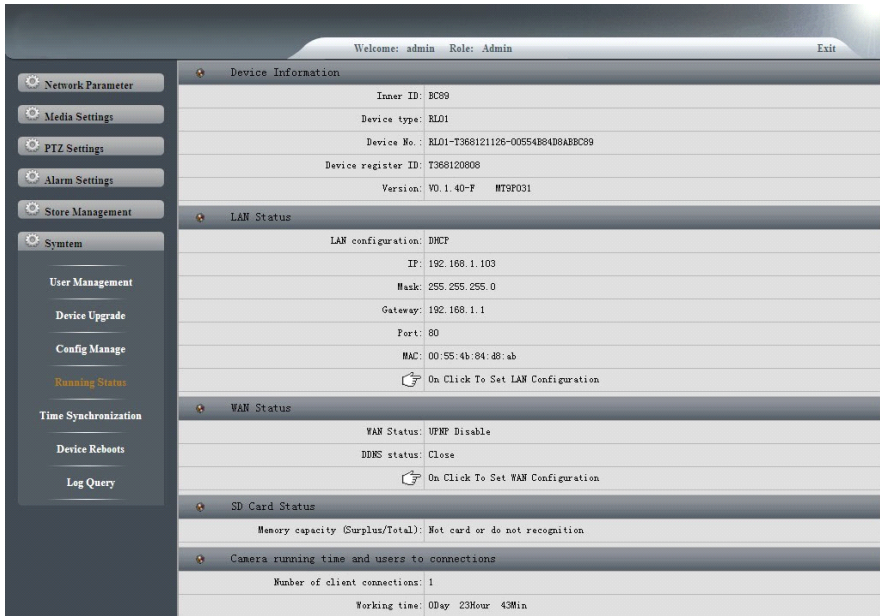
Recover Default

Click **【OK】** , IP camera setup parameters are restored to factory settings.



4.6.4 System Settings-Running Status

In device running state configuration interface, you can set the IP camera 【LAN Status】 and 【WAN Status】 ,and look at the camera 【Supplier Information】 、 【LAN Status】 、 【WAN Status】 、 【SD Card Status】 、 【Camera running time and users to connections】 informations.



4.6.5 System Settings→Time Synchronization

Enable NTP, through NTP server regular synchronize on the device, to ensure the accuracy of the time of the device system.


Enable network synchronization:

said enable NTP function, then select the corresponding server address and Synchronization time interval.

Time can be set according to the actual needs.

Welcome: admin Role: Admin


Computer Synchronization


Synchronization with computer time: 2013-04-12 16:21:27 


Submit

Network Synchronization

Enable network synchronization:

Interval: 3 Hours 

Server: time.windows.com 

Timezone: (GMT+08:00)Beijing, Chongqing, Hong Kong, U 

Submit

System

- User Management
- Device Upgrade
- Config Manage
- Running Status
- Time Synchronization**
- Device Reboots
- Log Query

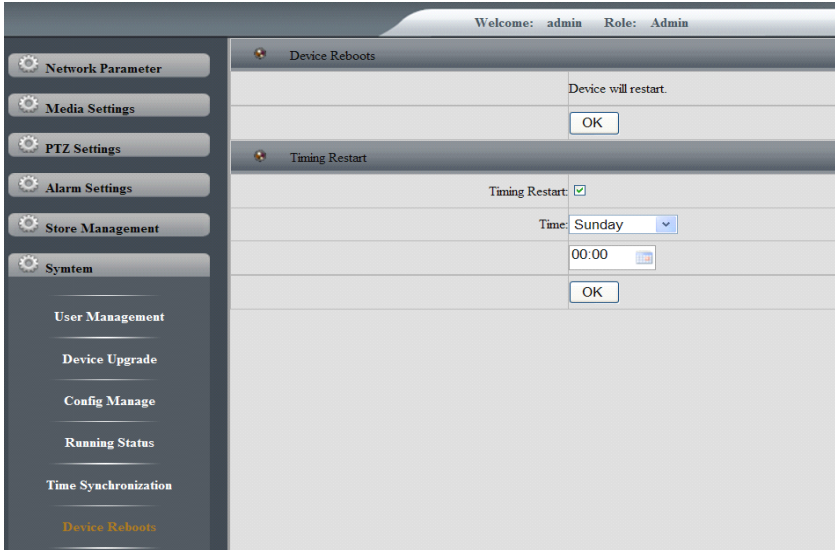
4.6.6 System Settings→Device Reboots

Device Reboots

Click **【OK】** , rebooting the Camera.

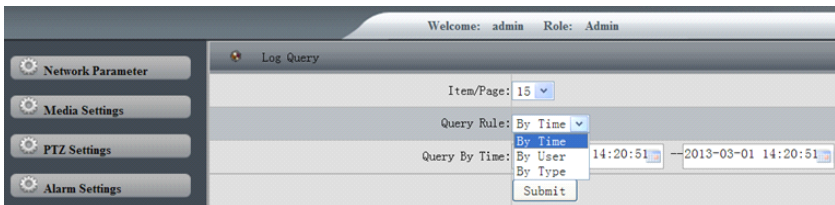
Timing Reboots

Restart timing needs to set cycle and time, the device according to the cycle and time set by the user to restart.



4.6.7 System Settings→Log Query

You need to select the log type and subtype of querying.



Parameters	Description
Item/Page	15、25 optional
Query Rule	Query time, according to user queries, queries by type optional
Query By Time	Start and end time of the query log
Query By User	Query log by user name
Query By Type	Sys, app, user type query log

Log Query				
Item/Page: 15				
Query Rule: By Time				
Query By Time: 2013-02-28 14:20:51 -- 2013-03-01 14:20:51				
Submit				
Index	Time	User	Type	Content
1	2013-03-01 11:08:32	admin	usr	usr pass connect for get video from ip is [172.16.1.240]
2	2013-03-01 11:10:30	rootn	app	app start runct for get video from ip is [172.16.1.240]
3	2013-03-01 11:10:43	admin	usr	usr pass connect for get video from ip is [172.16.1.240]
4	2013-03-01 11:11:23	admin	usr	usr pass connect session from ip = [172.16.1.240].1.240]
5	2013-03-01 11:11:34	admin	usr	usr pass connect session from ip = [172.16.1.240].1.240]
6	2013-03-01 11:11:34	admin	usr	usr pass connect for get video from ip is [172.16.1.240]
7	2013-03-01 11:12:11	admin	usr	usr pass connect session from ip = [172.16.1.240].1.240]
8	2013-03-01 11:12:11	admin	usr	usr pass connect for get video from ip is [172.16.1.240]
9	2013-03-01 11:12:42	admin	usr	lost video connect by ip = [172.16.1.240][172.16.1.240]
10	2013-03-01 11:16:17	admin	usr	usr pass connect session from ip = [172.16.1.240].1.240]
11	2013-03-01 11:16:17	admin	usr	usr pass connect for get video from ip is [172.16.1.240]
12	2013-03-01 11:20:29	admin	usr	lost video connect by ip = [172.16.1.240][172.16.1.240]
13	2013-03-01 11:24:21	admin	usr	usr pass connect session from ip = [172.16.1.78][6.1.240]
14	2013-03-01 11:27:39	admin	usr	usr pass connect session from ip = [172.16.1.240].1.240]

5. Client Access

Client software ICMS9000 (V1.2) installation.

Operating system: Microsoft Windows XP or above.

CPU: Operating frequency of 1.5 Ghz or more.

Memory: The capacity of 2G over DDR2.

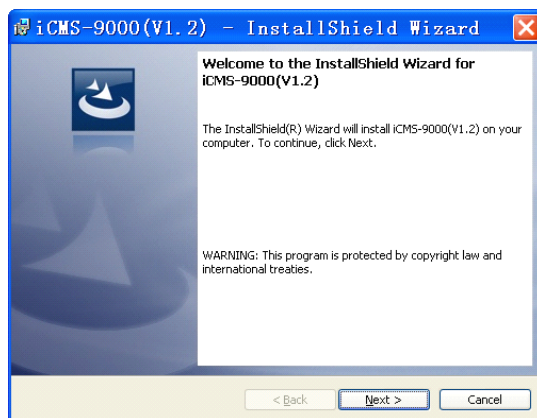
Hard disk: Hard disk capacity as the video data is required to save time.

LAN: 100Mbps or above.

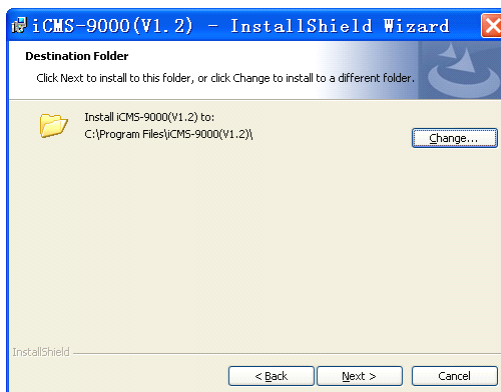
Monitor resolution: 1024 × 768 above.

5.1.1 Installation Steps

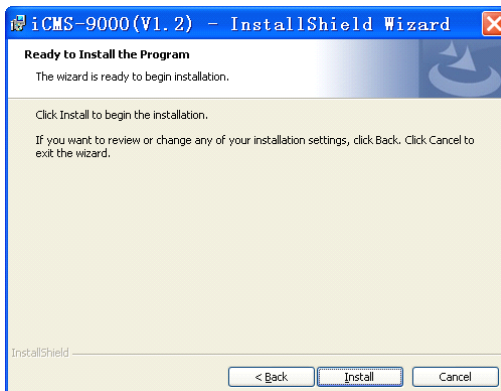
Step 1: Double-click the installer, select the installation language, and then software Setup dialog box is displayed, then click **【Next】** to continue the installation.



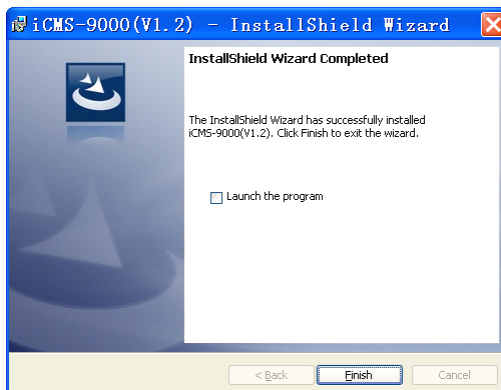
Step 2: Click **Next** to install to the default folder, or click **Change...** to install to a different folder.



Step 3: Click **install** , begin the installation process.



Step4: Click **Finish** , to complete the installation.



5.2 Preview Image

After install the network video monitoring system, click Windows 【Start】 button→click 【SSClient】 running the monitoring software. Or click on the desktop shortcut icon to run the monitoring software.

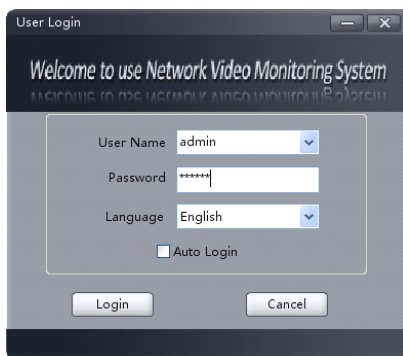
5.2.1 The First Time Running The Software

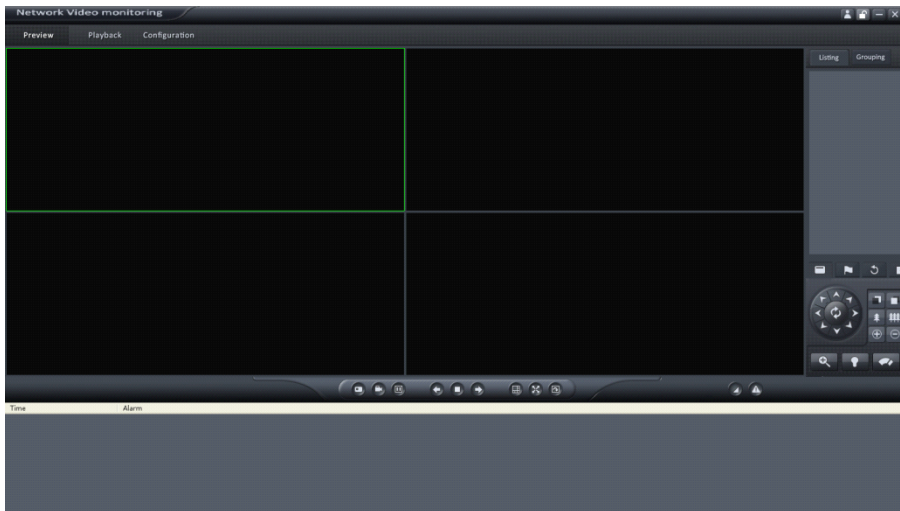
The first time to running the software, the system default exists an administrator user, ***user name: admin, password: 123456***. The password can be modified after landing.

5.2.2 User Login

Start the monitoring software will display the user login dialog window. Enter your user name and password and click 【Login】 , can log in the software.

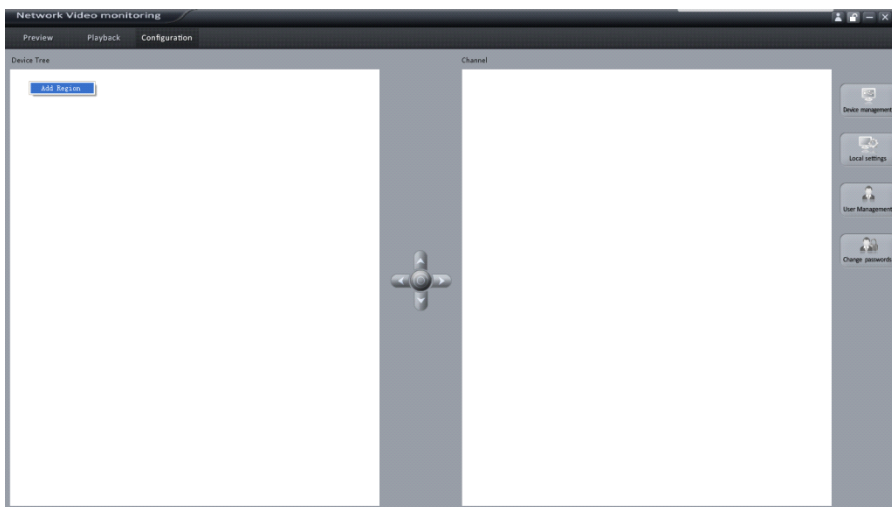
Ordinary users make the 【Auto Login】 status is checked, will save the input user name and password, the start of the next monitoring software, automatically save the user name and password to log in.



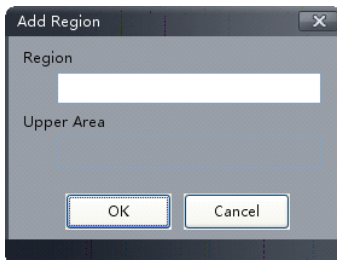


5.2.3 Add Device

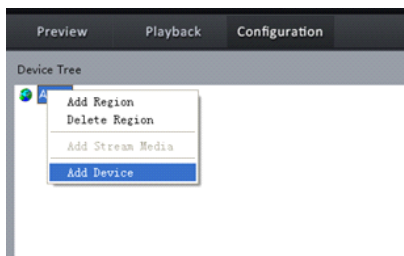
Click on the tab bar 【Configuration】 tab, enter the device management interface. Right-click on a list of tree any blanks, will pop up 【Add Region】 menu, as shown:



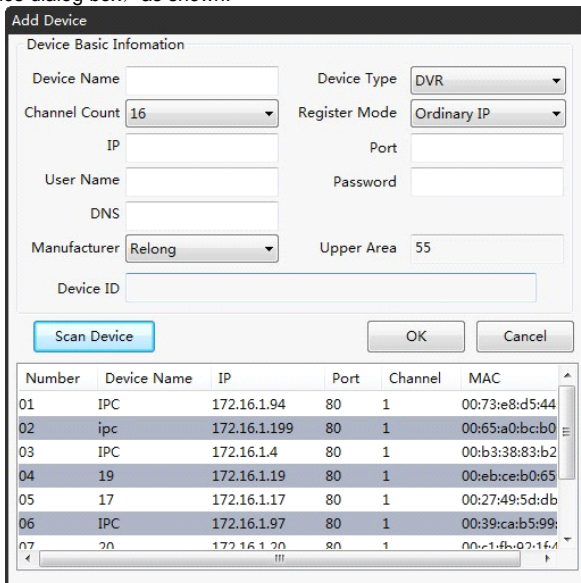
Select **【Add Region】** , pop up **【Add Region】** dialog box , as shown:



According to the actual demand, enter the name of the zone, click **【OK】** , then mouse right-click the name of the newly added area, select **【Add Device】** .

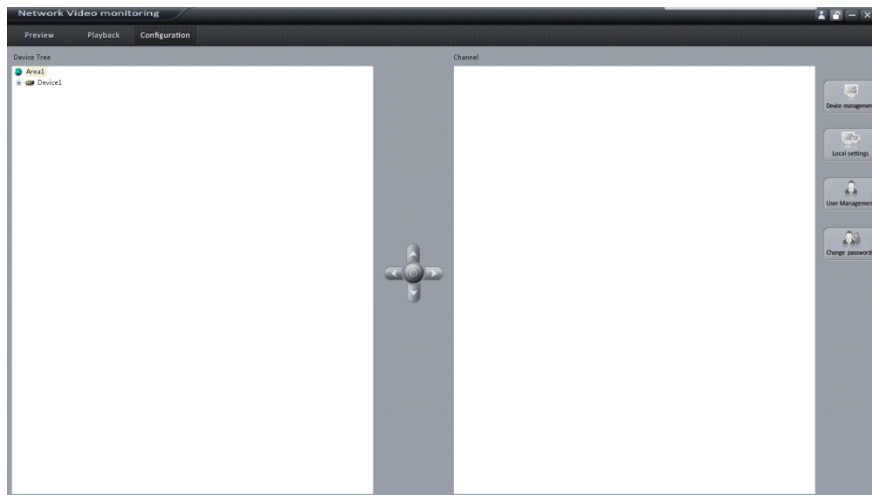


Pop up Add Device dialog box, as shown:

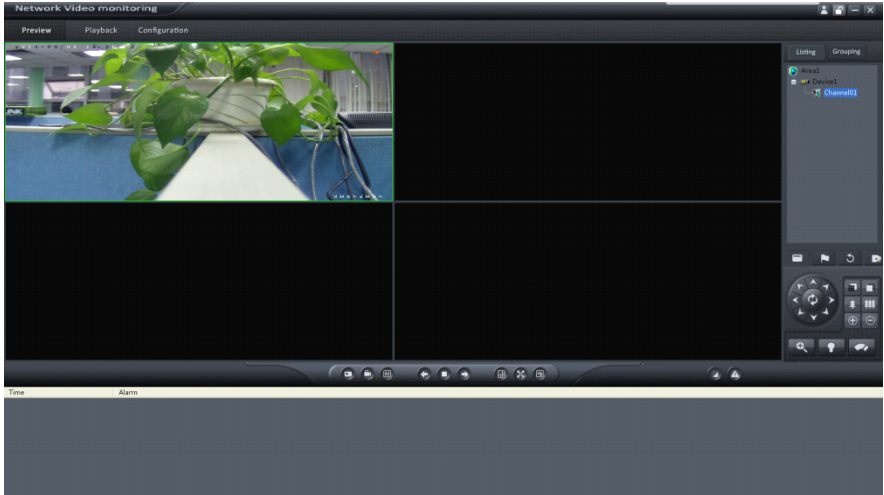


In the Add Device dialog box, click **【Scan Device】**, you can search the current running in the LAN IP address of the network camera, double-click the device list, input **【user name】**、**【password】** and other information, then click **【OK】** , Complete device add.

Add a device manually, **【Device Name】** needs to fill, device type select **【IP Camera】** , **【Register Mode】** select **【Ordinary IP】** , **【Port number】** the default is 80, input devices **【IP】** addresses、**【user name】**、**【password】**、**【DNS】** and other information, then click **【OK】** , Complete device add, as shown:



Click **【Preview】** tab, enter the preview screen, as shown. Double click on the list of the camera channel node, to preview the pictures.

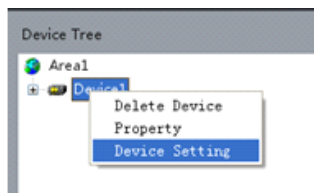


More detailed parameter configuration, please refer to the corresponding section of the **【network video monitoring client ICMS9000 (V1.0) User's Guide】**. The documentation of the use of the computer operating system **【Start】** → **【Program】** → **【Network Video Monitoring Program】**.

5.3 Device Configuration Parameters

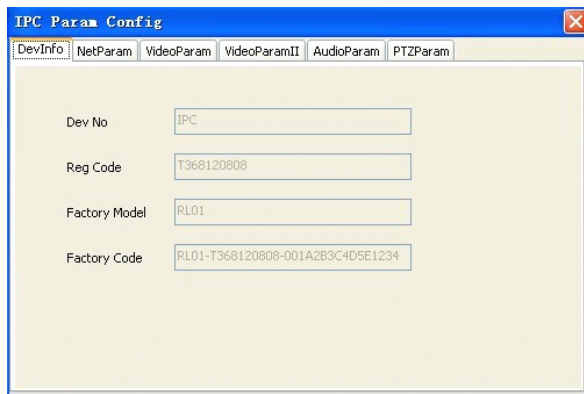
In order to meet the needs of different environments in reality, Through the network video monitoring system parameters of the camera can be configured, the specific operation is as follows:

Click **【The Tab Bar】** configuration tab, right-click the device node, Select **【Device Setting】**, enter **【IPC Parameter Configuration】** interface.



5.3.1 Device Information

In the interface of device basic information, you can view the camera **【Internal Coding】**、**【Device Registration Code】**、**【Factory Model】**、**【Factory coding】** and other information.



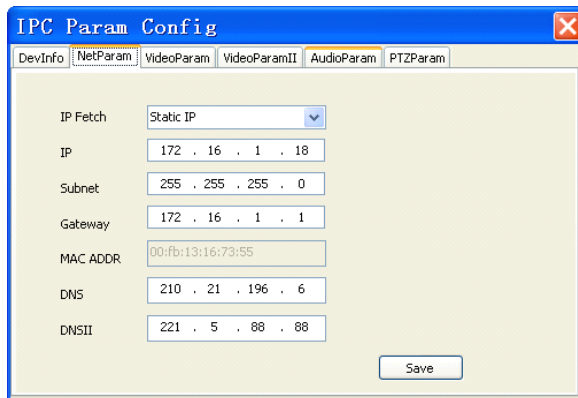
The screenshot shows the 'IPC Param Config' window with the 'DevInfo' tab selected. The window contains the following fields:

Field	Value
Dev No	IPC
Reg Code	T368120808
Factory Model	RL01
Factory Code	RL01-T368120808-001A2B3C4D5E1234

5.3.2 Network Parameters

In accordance with the actual needs, setting up a IP camera **【IP addresses】**、**【Mask address】**、**【Gateway address】** and **【DNS】** .

If your network contains a DHCP server, select **【The Dynamic DHCP Assigned IP】** , reboot the device to automatically obtain the IP address in the segment.



The screenshot shows the 'IPC Param Config' window with the 'NetParam' tab selected. The window contains the following fields:

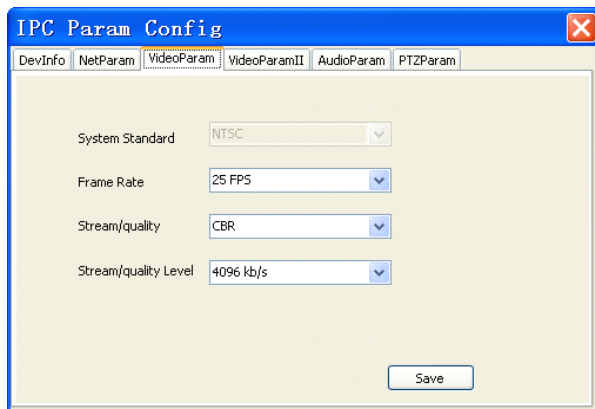
Field	Value
IP Fetch	Static IP
IP	172 . 16 . 1 . 18
Subnet	255 . 255 . 255 . 0
Gateway	172 . 16 . 1 . 1
MAC ADDR	00:fb:13:16:73:55
DNS	210 . 21 . 196 . 6
DNSII	221 . 5 . 88 . 88

Save

5.3.3 Video Parameters

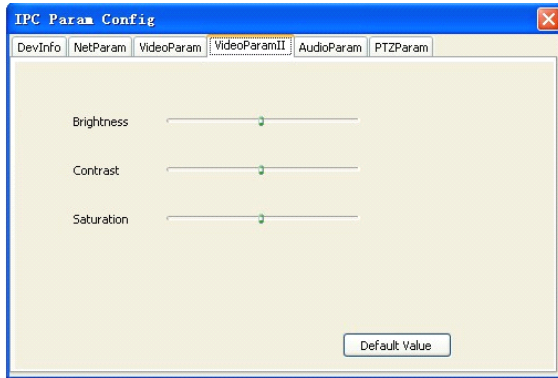
Video parameters set interface information:

Parameters	Description
Frame Rate	10FPS、15FPS、20FPS、25FPS optional
Stream / Quality Control Mode	Constant bit rate, variable bit-rate optional
Fixed Bit Rate Stream / Quality Level	Fixed rate stream setting 5 parameters optional
Variable Bit Rate Stream / Quality Grade	Four levels of the variable bit-rate image quality optional



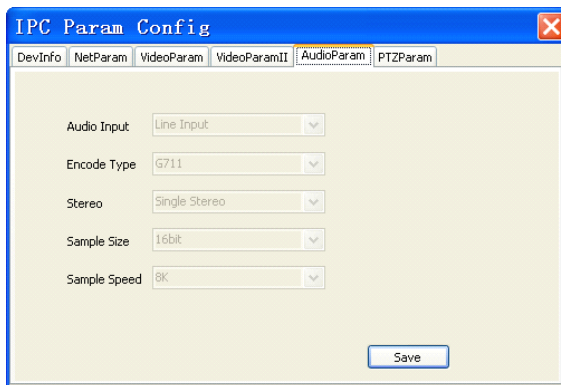
5.3.4 Video Parameters II

Mobile slider can adjust the channel playing video parameters (Click **【Restore Defaults】** video parameters automatically return to the initial setting status) .



5.3.5 Audio Parameters

Parameters	Description
Input Mode	Line input
Audio channels	Mono
Audio Sample Width	16bits
The Audio Sampling Frequency	8K
The Type Of Audio Compression	G711



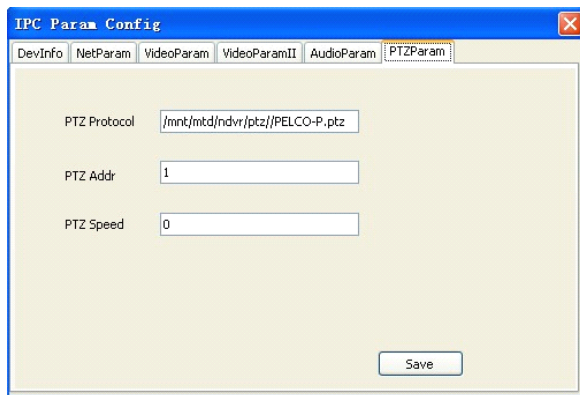
5.3.6 PTZ Parameters

Before PTZ control Operating, first make sure the PTZ decoder parameters have been set correctly. device decoder parameters can be set by software remote .

In the PTZ control parameter interface set PTZ address, PTZ script file, PTZ control speed and other parameters.

Notice: RS-485 PTZ decoder setting parameters must be consistent with PTZ decoder setting.

Parameters	Description
PTZ Script Agreement	Matching with the dial type of PTZ control protocol
PTZ Address	Set to the corresponding dome address, default is 1 NOTICE: The address must be consistent with the camera., otherwise not be able to control the camera
PTZ Control Speed	PTZ speed adjustable



6. Simple Troubleshooting Method

No.	Fault	Resolvent
1	Screen no image or image instability	Check the video cable or power cord is connected properly.
2	The image is blurred	<ol style="list-style-type: none"> 1. Check whether there is dirt on the lens, with professional lens wiping paper or clean cotton swab with alcohol to clean. 2. Check the focal length is fine, the menu settings are correct.
3	Dim Picture	Adjust monitor and aperture CNT.
4	No motion detection and privacy shaded boxes	Check the option button is on or off, or check the menu parameters.
5	Screen color cast in the special environment	Adjust the white balance mode menu or change direction.
6	The screen flashes more than	Camera is facing the sun, TV or computer.
7	Image functions impaired and can not be adjusted	Restore the default settings
8	Camera is not working properly, surface overheating, and even smell or smoke	Please cut off the power immediately, check the appropriate power connected the camera to the right, after the camera to take professional repair technician detection and repair.
9	IE browser no video image display	Check whether the installed plug-in. When first using IE to visit IP Camera, must install the plug. (Detailed installation steps 【3.2 Preview Image】 Chapter.)
10	The video image is not smooth	<ol style="list-style-type: none"> 1. The video frame rate parameter tuning IP camera high. 2. Users to connect too many, can turn off the part of client or set IP camera reduced frame rate. 3. Network broadband is too low, you can reduce the video frame rate or lower bit rate.
11	IE browser can not access the IP camera	<ol style="list-style-type: none"> 1. Network blocked. PC access network to test network access can work normal, the first rule of cable fault, the PC network fault caused by poisoning, until PC each other Ping. 2. IP address is occupied by other devices. Disconnect the IP Camera network connection, separate IP camera and a PC connection, to set the IP address in accordance with the recommendation of the appropriate operation. 3. The IP address is on a different network. Check the server's IP address and subnet mask address and gateway settings.

		<p>4. There are conflicts within the network physical address and IP Camera. Modify the physical address IP Camera.</p> <p>5. The Web port is modified. Contact your network administrator to obtain the corresponding port information.</p> <p>6. Unknown. Restore the IP camera to the factory defaults, then reconnect the system again, default fixed IP 192.168.1.123.</p>
12	Intercom no sound	<p>1. Check the audio connections for audio input.</p> <p>2. Check the IP Camera audio parameter settings, to see whether to open the audio.</p>
13	Audio ineffective	When there is a lot of audio sounds murmur, very serious distortion phenomenon, please check the input signal level line input. Most of the time when input signal is not a line input(Such as with zoom active microphone), do not match with the input level of IP Camera, image saturation distortion.

7. List Of Annexes

No.	Name	Quantity	Remark
1	Camera	1	
2	Manual	1	
3	Drier	1	
4	Screws	1	
5	Certificate	1	
6	CD	1	