



IE Operating Instruction Manual



MODEL SE-NI104T

contents

| | |
|--|----|
| 1. Brief introduction of IE browsing operation | 3 |
| 1.1. Installation of plug-ins and login | 3 |
| 2. IE menu introduction | 4 |
| 2.1 Home | 4 |
| 2.2 Replay | 8 |
| 2.3 Parameter Setting | 9 |
| 2.3.1 Video setting..... | 10 |
| 2.3.2 OSD setting | 11 |
| 2.3.3 basic settings | 11 |
| 2.3.4 DDNS setting | 13 |
| 2.3.5 E-Mail setting..... | 13 |
| 2.3.6 Wifi setting | 14 |
| 2.3.7 P2P setting..... | 14 |
| 2.3.8 FTP setting..... | 14 |
| 2.3.9 Motion Detect setting..... | 15 |
| 2.3.10 Alarm in out setting | 16 |
| 2.3.11 Auto capture setting..... | 16 |
| 2.3.12 Record setting | 17 |
| 2.3.13 Cruise Path setting..... | 17 |
| 2.3.14 Speed setting..... | 17 |
| 2.4 System..... | 19 |
| 2.4.1 User setting | 19 |
| 2.4.2 Time setting | 20 |
| 2.4.3 Initialize setting..... | 20 |
| 2.4.4 Device Info setting | 21 |
| 2.4.5 Storage Device setting..... | 21 |
| 2.4.6 System log setting | 21 |

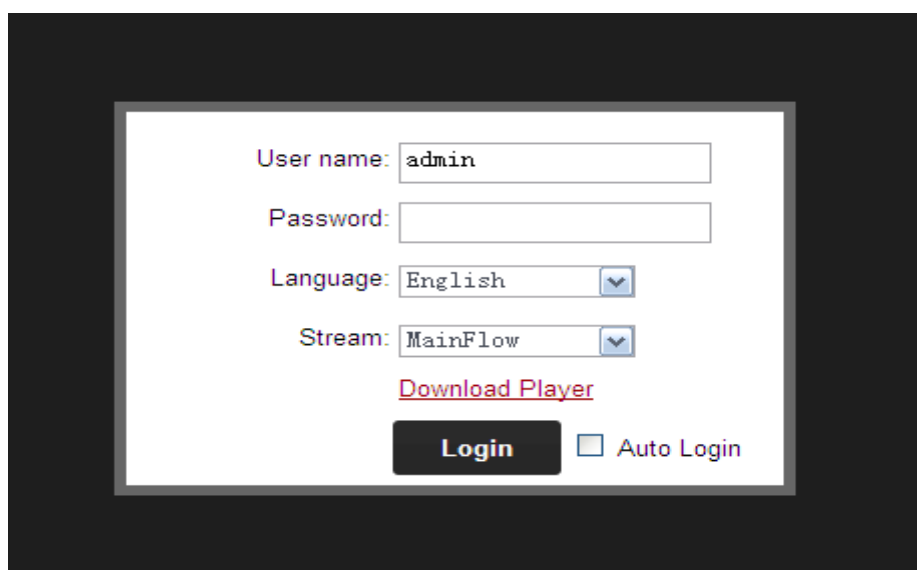
1. Brief introduction of IE browsing operation

As Internet Explorer is a webpage explorer of the Microsoft Windows Operating System, and our video camera is internally provided with the WEB service, you can use IE (Internet Explorer) to visit the video camera, preview images in the video camera and set parameters of the video camera.

1.1. Installation of plug-ins and login

When the IE is used for the access to the video camera for the first time, images of the video camera can be previewed as long as plug-ins are installed; and after the login of the IE, the video camera will prompt you to download player automatically. The installation steps are as follows:

- (1) Run IE and input the video camera's IP address and HTTP port as shown in the following figure.
- (2) After the successful access to the video camera, a login page will appear, and please input a username and a password (Both the default username and password are admin).
- (3) Choose the language you want.
- (4) Stream: through this option, you can select to preview the main flow or the minor flow of the video camera.
- (5) Click the link 'Download Player' to download player for the first time using camera.
- (6) After the control is loaded, please log in the video camera again (if you do not want to log in repeatedly, you can select "Auto login"); and images of the video camera are displayed in the page.



2. IE menu introduction

The IE interface of the video camera is mainly composed of several big functional classifications, respectively including a Home, Replay, Parameters, System. Please click functional classifications to enter into corresponding functional page

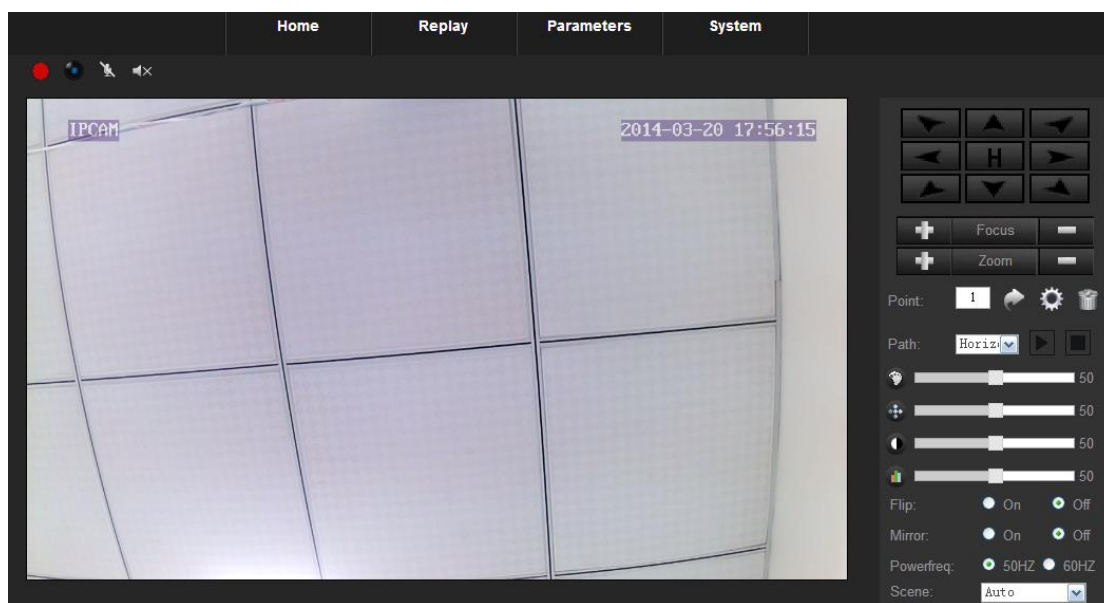


There are two operational options at the right upside of the IP operating interface; and click “Download Player” to download the necessary control, click “logout” to log out and turn back to the login page and change the language option to change the display language of the IE interface.



2.1 Home

The Home is opened in a default mode after the login of the video camera; images of the video camera are displayed in the middle of the Home; functional buttons are located above the images; an operating panel is located at the right side of the image; and the detailed functions are as follows:




Recording button:When you click



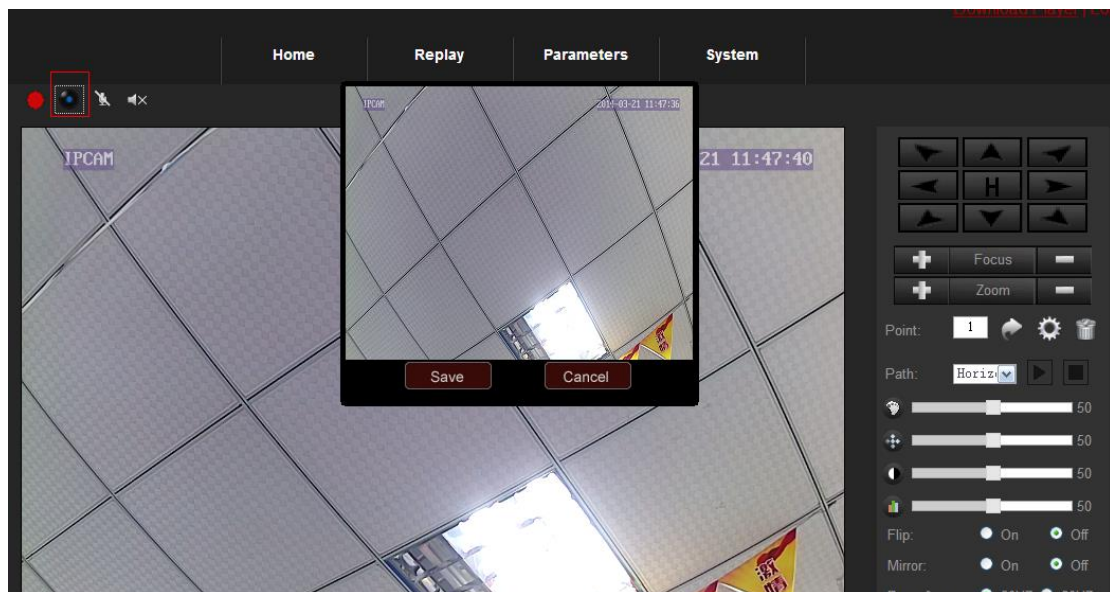
,it will be pop-up a window so you need to


choose the path where you want to save.

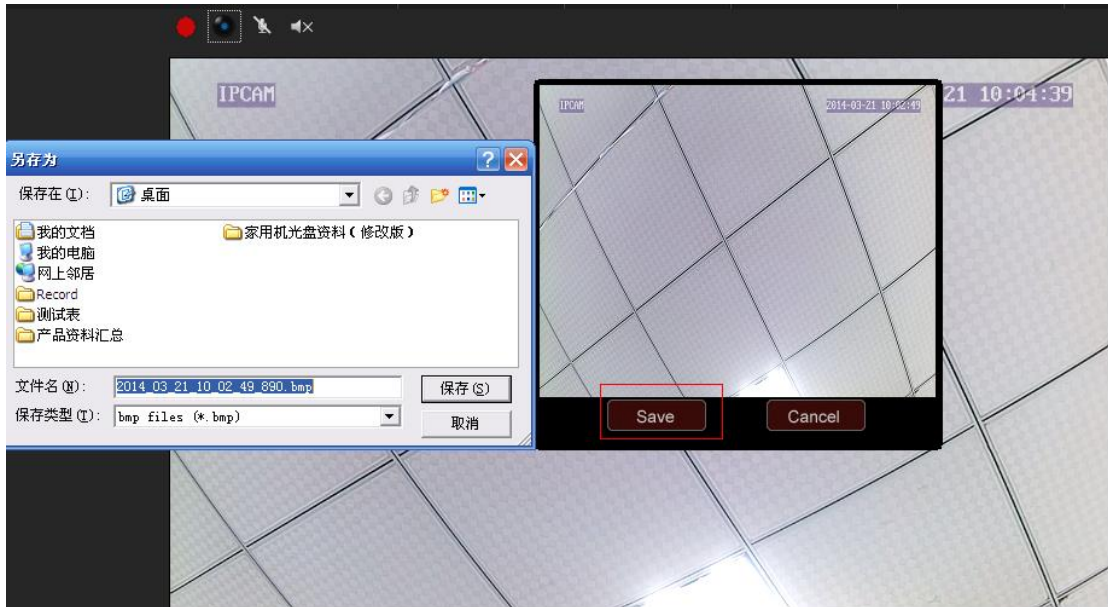





When the button change like , it start recorde. Click the red button again the recorde finished.




 **Snap-shooting button:** Click , it will be pop-up a window.

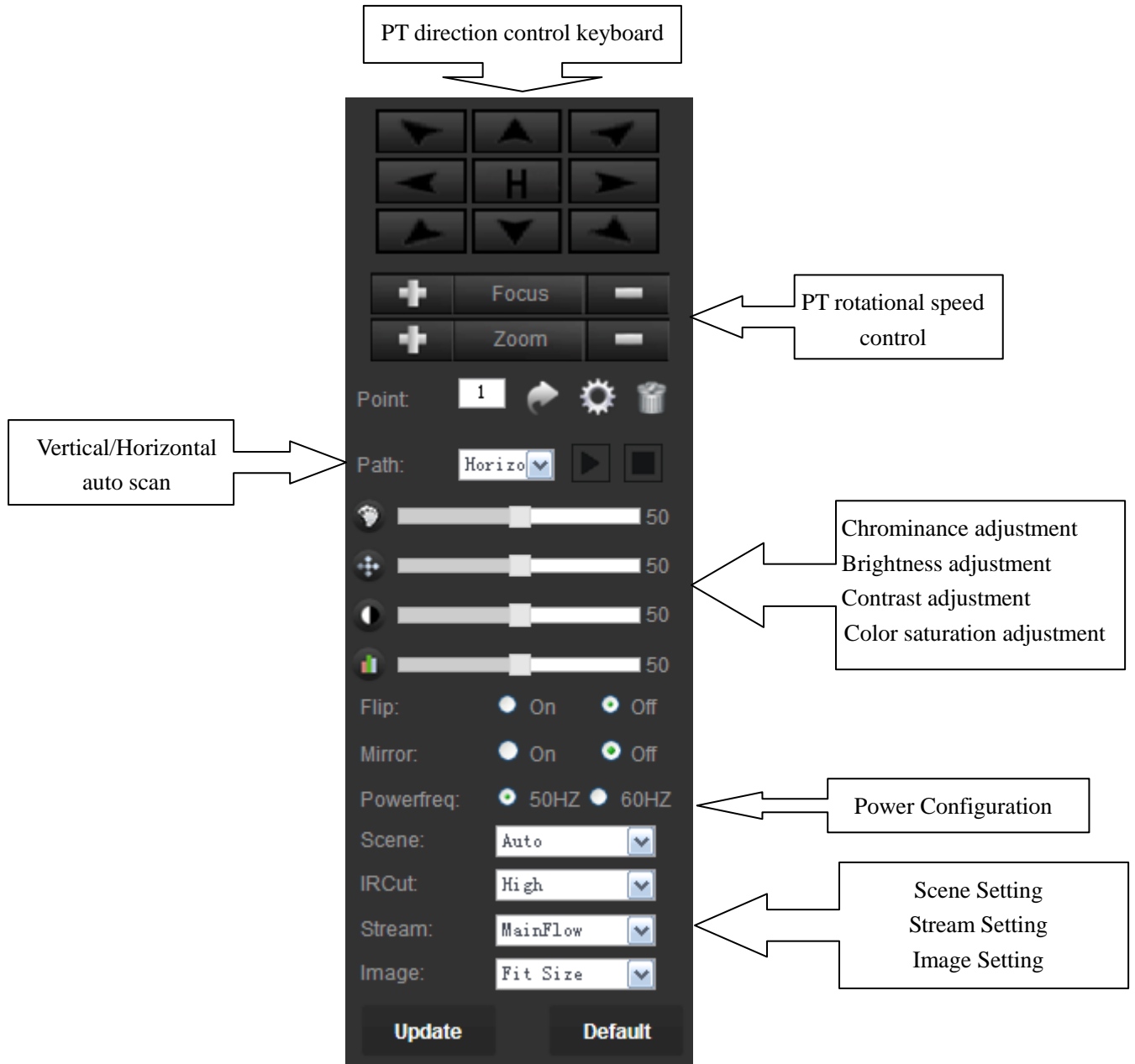


After you click , it will be pop-up a window as the follow. You can choose where you want save the picture.



 **Talkback button:** Click , the icon change like , sound from a computer end can be sent to the video camera. And if you want to understand the detailed use method, please read document “How to Use Bidirectional Voice”.

 **Voice button:** When you Click , the icon change like . It shows the voice function opening and click the button again that the voice function will be closed.

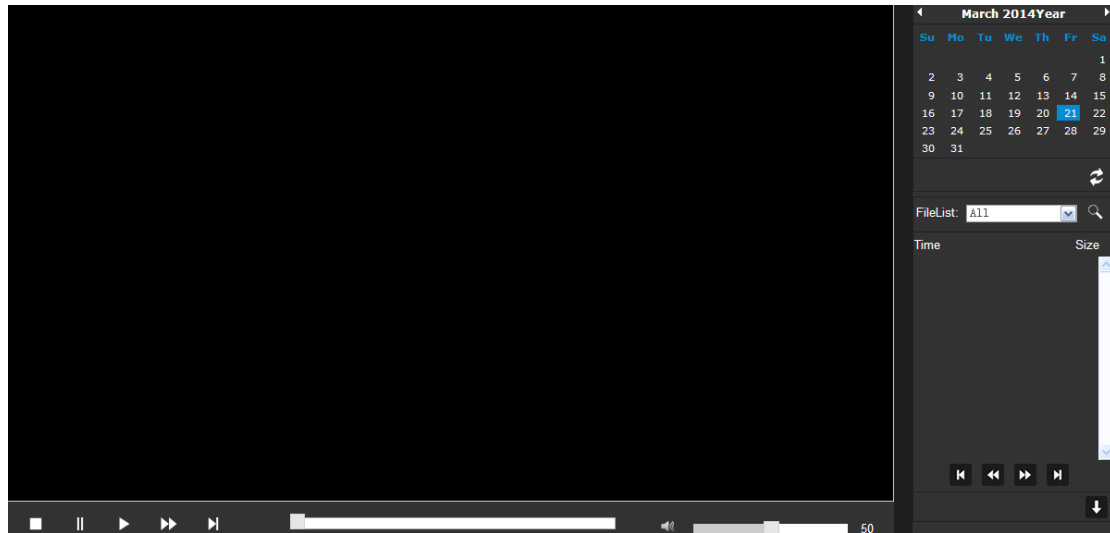


Note: Some functions in the control panel for high-speed ball proprietary function, if not high-speed ball camera will not display these features.

2.2 Replay

The replay interface is only used for SD card of the video camera; when the SD card inside the video camera you can play the videos in the replay interface to view the records; and the operating method is as follows:

The interface of replay

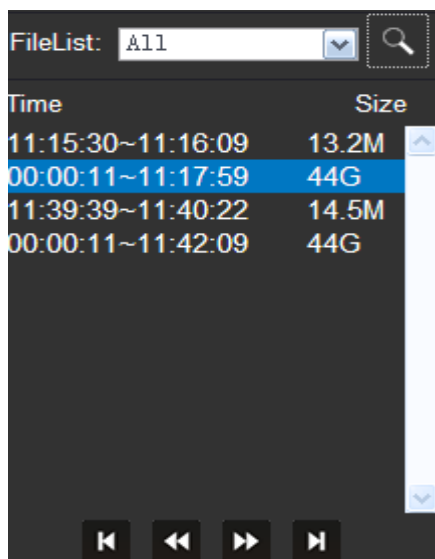


:When you click this icon, it will shows the date that you had recorded.

Playback Control



Search the video , and you can choose the type of video that you had recorded before.





Save the video.

2.3 Parameter Setting

In this video parameter setting page you can set the media, the network , the event and the cradle.

The screenshot shows the 'Parameters' page of the IE interface. At the top, there are navigation tabs: 'Home', 'Replay', 'Parameters' (highlighted with a red box), and 'System'. On the left side, there is a sidebar menu with three main categories: 'Media', 'Network', and 'Event'. Under 'Media', there are 'Video' and 'OSD'. Under 'Network', there are 'Basic Settings', 'DDNS', 'E-Mail', 'Wifi', 'P2P', and 'FTP'. Under 'Event', there are 'Motion Detect', 'Alarm in out', 'Auto capture', and 'Record'. The main content area is divided into three sections: 'Main Stream', 'Sub Stream', and 'Mobile Stream'. Each section contains various settings such as Resolution, Bit Rate, Maximum Frame, Bit Rate Type, I Frame Gop, and Audio. The 'Main Stream' section has Resolution: 1280x720, Bit Rate: 3072, Maximum Frame: 25, Bit Rate Type: VBR, I Frame Gop: 25, and Audio: On. The 'Sub Stream' section has Resolution: 640x360, Bit Rate: 768, Maximum frame: 25, Bit Rate Type: VBR, I Frame Gop: 25, and Audio: On. The 'Mobile Stream' section has Resolution: 320x180.

2.3.1 Video setting

In the video parameter page, you can set the image video flow of the video camera, so that the video camera can be applied better in different network environment. For example, you can reduce the frame number at a low transmission speed to obtain a high-quality image or reduce the image quality to obtain a smooth picture; the following figure is the video parameter setting recommended under a normal condition.

Click the button video you will see the interface as follow:

The screenshot displays a video configuration interface with three sections: Main Stream, Sub Stream, and Mobile Stream. Each section contains various settings for resolution, bit rate, frame rate, and audio.

| Section | Resolution | Bit Rate | Maximum Frame | Bit Rate Type | I Frame Gop | Audio |
|---------------|------------|----------|---------------|---------------|--------------------------------|-------|
| Main Stream | 1280x720 | 3072 | 25 | VBR | 25 (Great than or equal to 25) | On |
| Sub Stream | 640x360 | 768 | 25 | VBR | 25 (Great than or equal to 25) | On |
| Mobile Stream | 320x180 | | | | | PAL |

Bit rate: the bit rate more big the picture more clear .

Frame number: set the frame number in each second of the image; the maximue of PAL is 25 and the NTSC is 30.

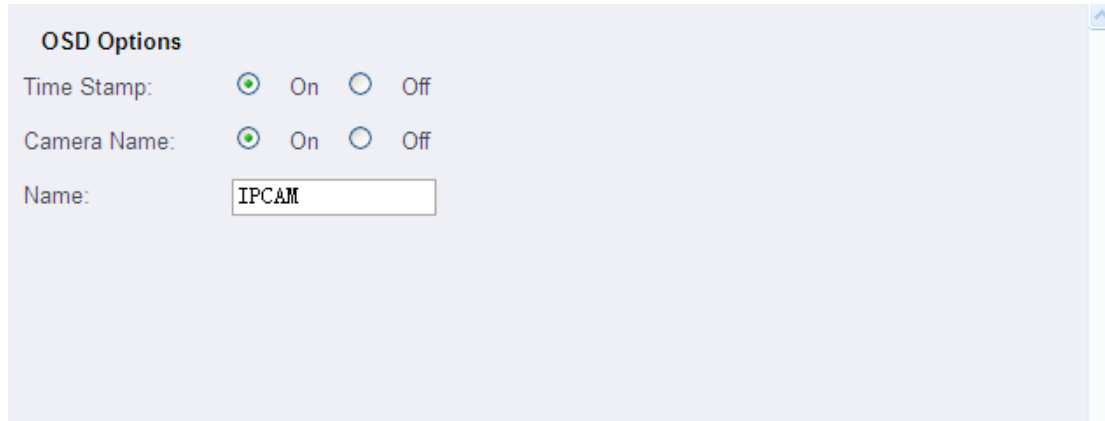
Bit Rate Type: CBR means that the bit rate is fixed; VBR means that the variable code rate is changed according to the size of the image data of the video camera; that is to say, the bit rate will be reduced in a static environment, but the code rate will be increased in a dynamic environment.

Picture quality: the setting of the image quality will affect the size of the code rate.

Norm:the most area is PAL;North American and East Asia is NTSC;the Middle East and France is SECAM.

2.3.2 OSD setting

In the OSD page, a user can set the time, the name and the user-defined character displayed on the picture;



OSD Options

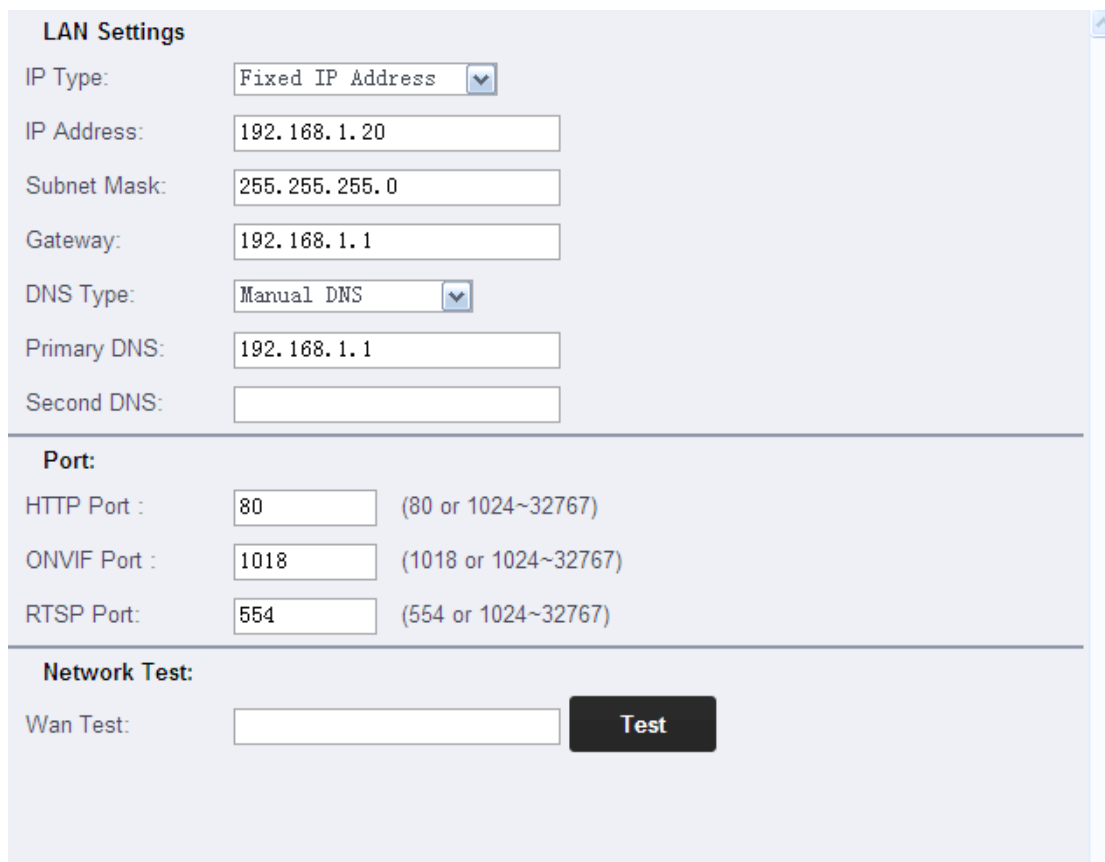
Time Stamp: On Off

Camera Name: On Off

Name:

2.3.3 basic settings

Fixed IP Address Setting Page:



LAN Settings

IP Type:

IP Address:

Subnet Mask:

Gateway:

DNS Type:

Primary DNS:

Second DNS:

Port:

HTTP Port : (80 or 1024~32767)

ONVIF Port : (1018 or 1024~32767)

RTSP Port: (554 or 1024~32767)

Network Test:

Wan Test:

Dynamic IP Address Setting Page:

LAN Settings

IP Type:

DNS Type:

Port:

HTTP Port : (80 or 1024~32767)

ONVIF Port : (1018 or 1024~32767)

RTSP Port: (554 or 1024~32767)

Network Test:

Wan Test:

Network mode: You can switch the setting pages of Fixed IP Address and Dynamic IP Address; a fixed IP address can be set for the video camera by selecting “Fixed IP”; if you have a DHCP server, you can select “DHCP” to let the DHCP server allocate an IP address to the video camera.

IP Address: LAN IP address of the camera is displayed.

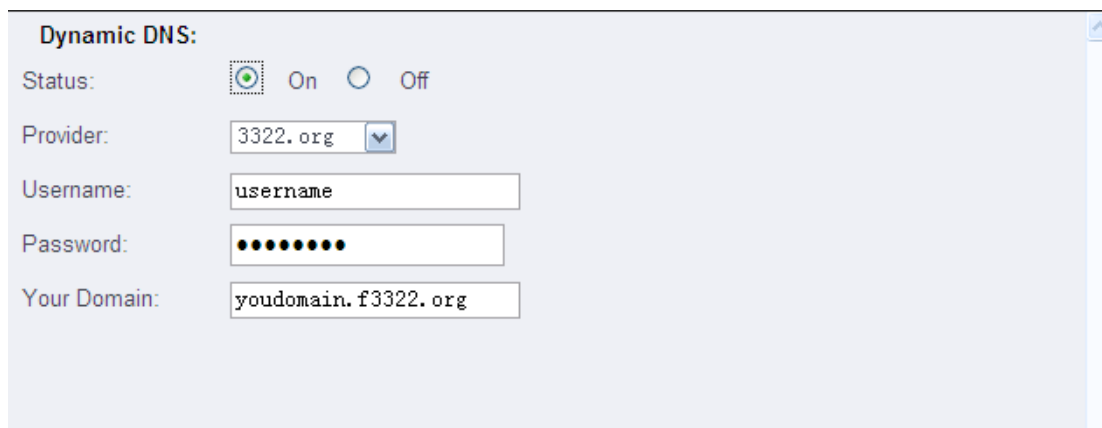
Subnet Mask: Displays the subnet mask of the camera.

Gateway: the gateway is usually the IP address of the Internet equipment which you access to Internet, such as a router; and setting of correct gateway is necessary when the video camera uses the DDNS, P2P and the like functions.

Domain name resolution address: Local domain name resolution address, you can know the local this information from your network provider, setting of correct domain name resolution address is necessary when the video camera uses the DDNS, P2P and the like functions.

PORT: HTTP: the HTTP port of the video camera is usually used for transmitting data of the HTTP protocol, such as WEB application, CGI configuration and so on.

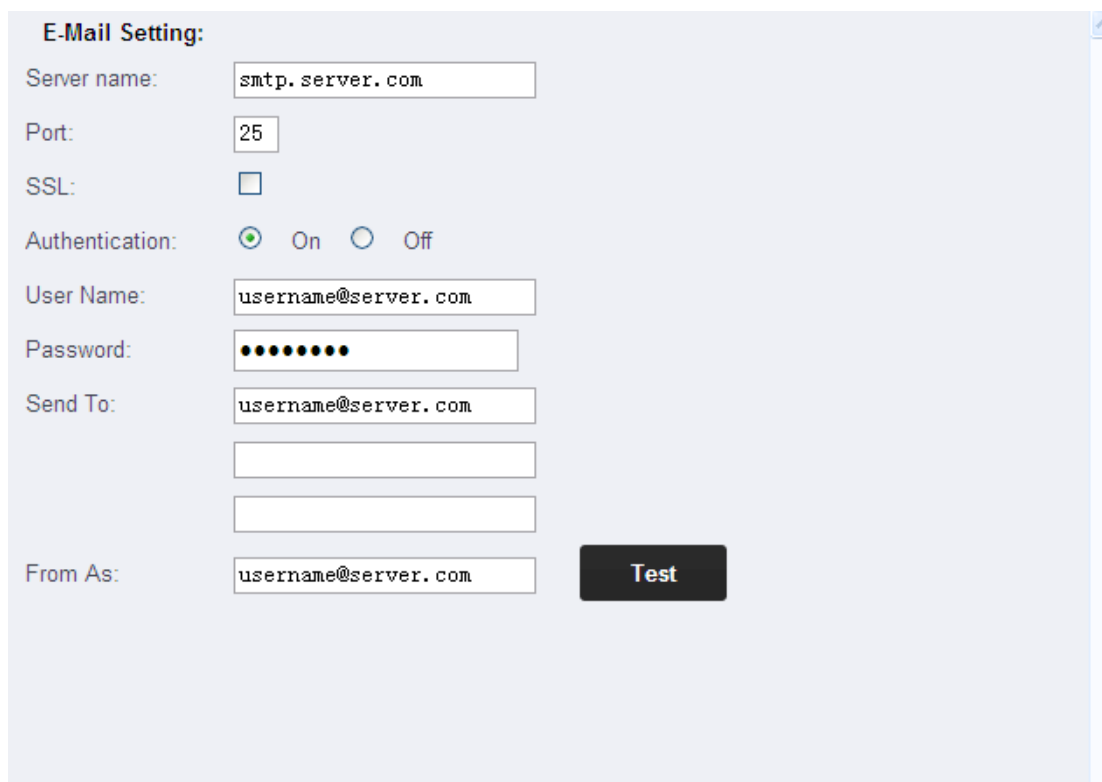
2.3.4 DDNS setting



The screenshot shows the 'Dynamic DNS' configuration panel. It includes a 'Status' section with radio buttons for 'On' (selected) and 'Off'. Below this is a 'Provider' dropdown menu set to '3322.org'. There are input fields for 'Username' (containing 'username'), 'Password' (masked with dots), and 'Your Domain' (containing 'youdomain.f3322.org').

Dynamic domain name: click and select “On” to make your bound domain name to take effect; select a corresponding domain name server provider (at present, only dyndns and 3322 domain name are supported, and there is no support for free domain names as they are unsteady) and input the username, the password and the attributive domain parameter; and it is unnecessary to input the “Your Domain”.

2.3.5 E-Mail setting



The screenshot shows the 'E-Mail Setting' configuration panel. It includes input fields for 'Server name' (smtp.server.com), 'Port' (25), 'SSL' (unchecked), 'Authentication' (radio buttons for 'On' selected and 'Off'), 'User Name' (username@server.com), 'Password' (masked with dots), 'Send To' (username@server.com), and 'From As' (username@server.com). There are also two empty input fields below 'Send To'. A 'Test' button is located at the bottom right.

Server name and Port was set by default.

Send To: set the e-mail you want to send to during alarming.

2.3.6 Wifi setting

Wifi Status:
Enable

CurHotPoint
SSID: hanwei1
Connect Status: Connected

| SSID | Signal | Auth Mode |
|------|--------|-----------|
|------|--------|-----------|

SSID: **Search**

Auth Mode:

Password: Show Password

Test

Wifi Status: Tick the blank to enable the Wifi.

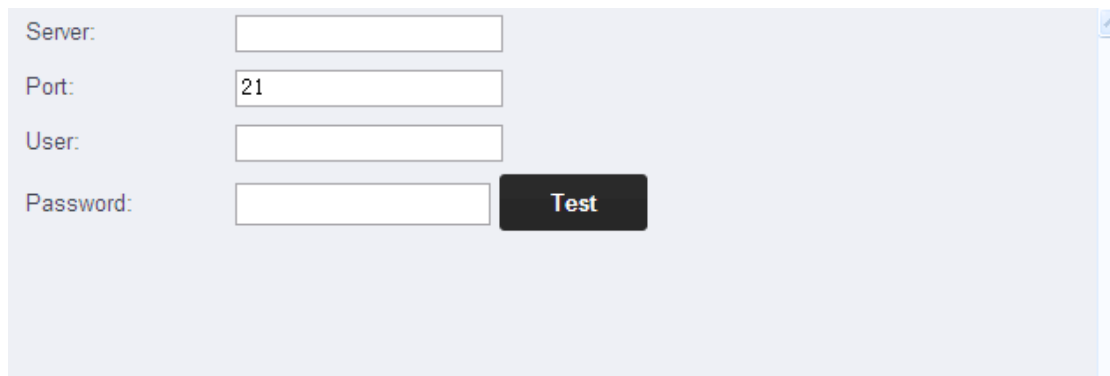
Search: Click it, the wifi around the camera will occur on the list..

2.3.7 P2P setting

P2P:
Status: Enable
ID: null
Password:

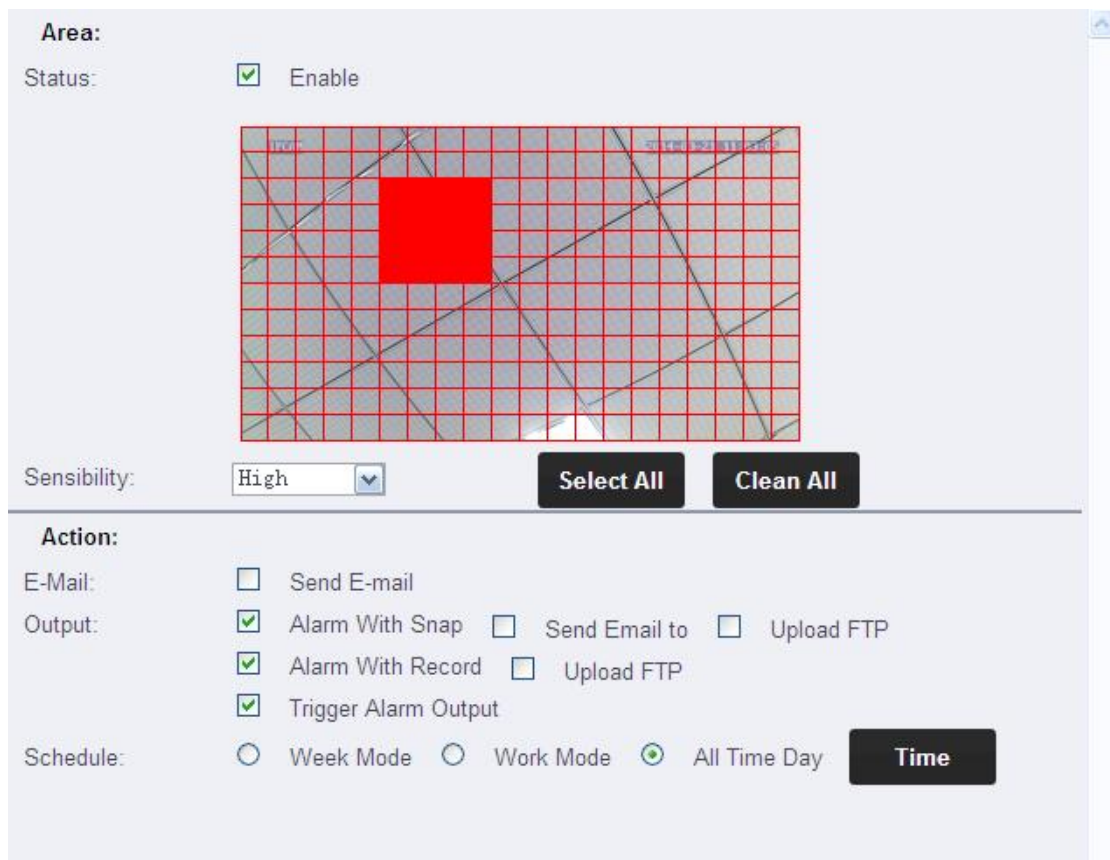
Status: Tick the blank to enable P2P function.

2.3.8 FTP setting



Server: Enter the FTP Server with you use.

2.3.9 Motion Detect setting



Sensibility: select the degree of sensibility.

Schedule: you can select the mode including week mode, work mode and all time day.

Time: click the button 'Time' then select the time period that motion detect works.

2.3.10 Alarm in out setting

The screenshot shows a web-based configuration interface for alarm settings. It is divided into three main sections: Alarm In, Action, and Alarm Out. The Alarm In section has a Status checkbox checked and labeled 'Enable', and an Active Mode dropdown menu set to 'High'. The Action section includes an E-Mail checkbox (unchecked) labeled 'Send E-Mail', an Output section with three checkboxes: 'Alarm With Snap' (checked), 'Send Email to' (unchecked), and 'Upload FTP' (unchecked), and a 'Trigger Alarm Output' checkbox (checked). The Schedule section has three radio buttons: 'Week Mode' (unchecked), 'Work Mode' (unchecked), and 'All Times Day' (checked). A black button labeled 'Time' is positioned to the right of the 'All Times Day' option. The Alarm Out section has a Status checkbox checked and labeled 'Enable', an Active Mode dropdown menu set to 'Open', and a Time input field containing the number '9' followed by the text 'Second'.

Alarm In: you can choose “Active Mode” is high or low.

Alarm out: you can choose “Active Mode” is open or grounded. And the “Time” is alarm time of duration .

2.3.11 Auto capture setting

The screenshot shows a web-based configuration interface for auto capture settings. It is divided into two main sections: Snap and Action. The Snap section has a Status checkbox checked and labeled 'Enable', and an Interval input field containing the number '60' followed by the text 'Minutes'. The Action section includes an E-Mail checkbox checked and labeled 'Send Email Setting'.

Interval: you can set the interval time of capture.

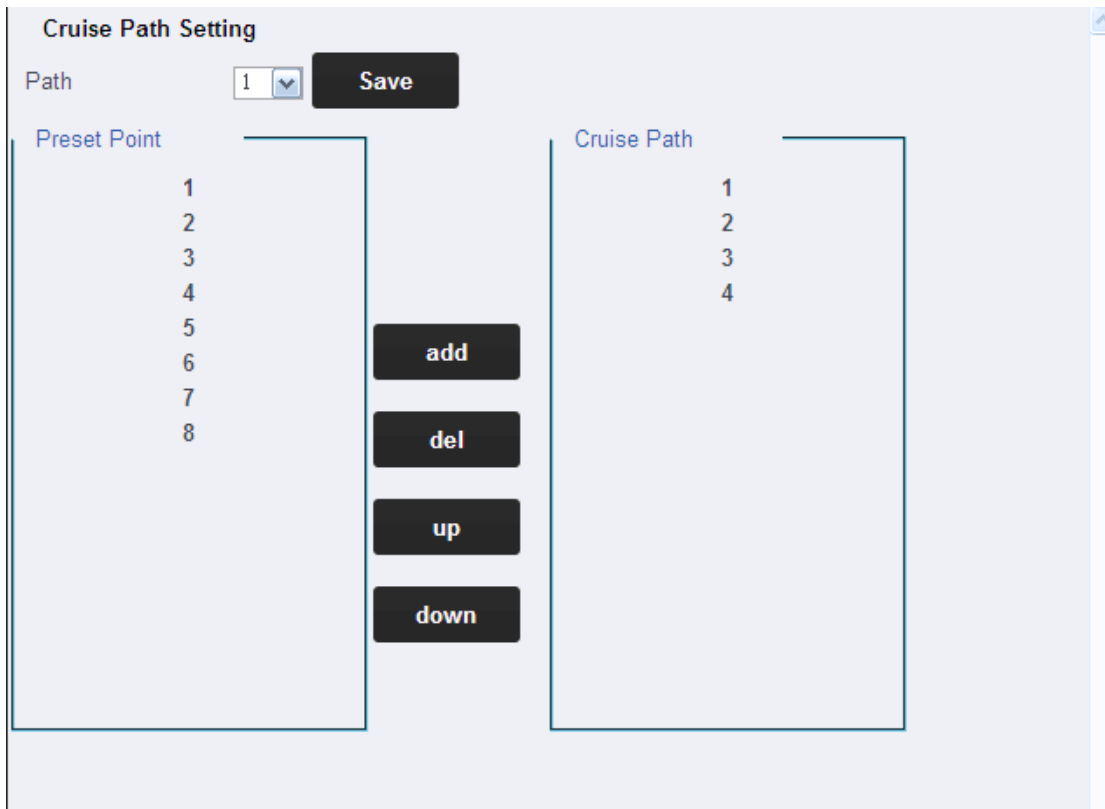
E-Mail: send pictures to the mail you set.

2.3.12 Record setting



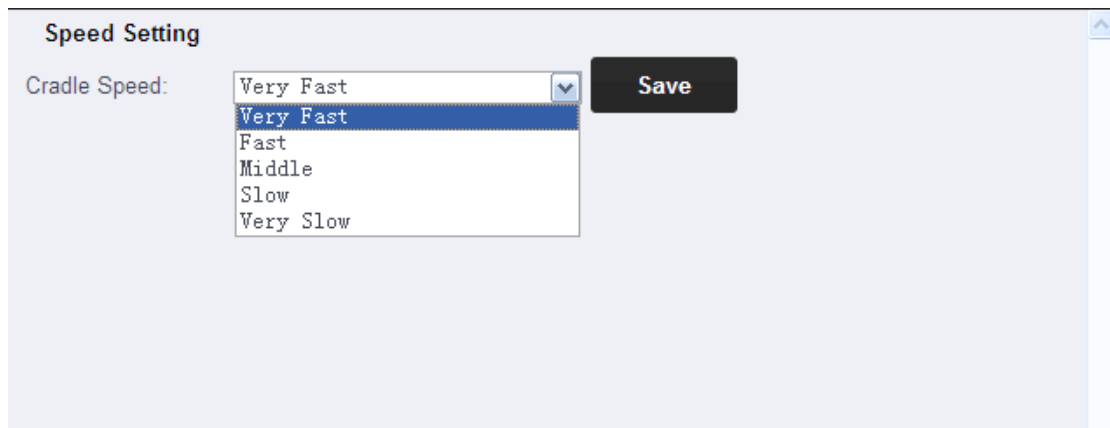
File Time: you can set the time of the video pack and the video saved in the SD card. You can watch the video at “Record”.

2.3.13 Cruise Path



Cruise Path Setting: you need set “Preset Point” at Home interface and add the preset point in “Cruise Path”.

2.3.14 Speed Setting



Cradle Speed: set the rotate speed of cradle.

2.4 System

You can set the user, time setting, initialize, device info, storage device, system log in the system setting page.

The screenshot shows the 'System' tab selected in a navigation bar. On the left, a sidebar menu lists 'System', 'User', 'Time setting', 'Initialize', 'Device info', 'Storage Device', and 'System log'. The main content area displays a table for user settings:

| UserID | Username | Password | Verify Password | Setpower |
|---------------|----------|----------|-----------------|----------|
| Administrator | admin | •••••••• | •••••••• | admin |
| User1 | guest | •••••••• | ••••~•••• | guest |
| User2 | | | | guest |
| User3 | | | | guest |
| User4 | | | | guest |
| User5 | | | | guest |
| User6 | | | | guest |
| User7 | | | | guest |

2.4.1 User setting

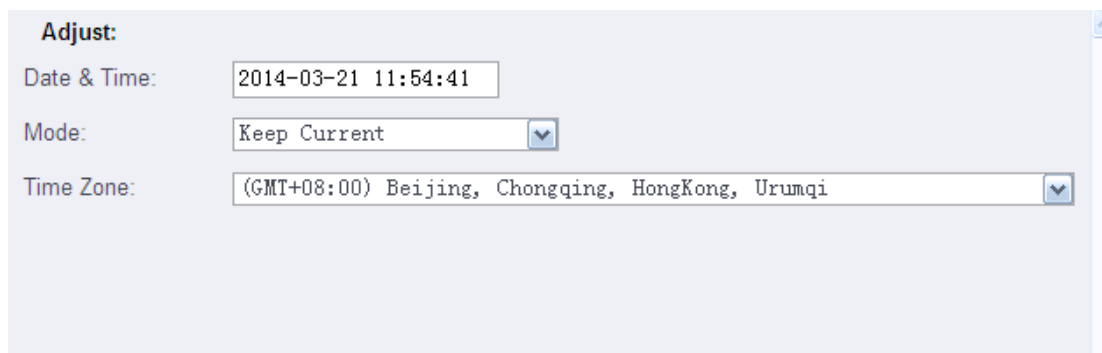
In the user setting page, you can amend the user password and create a new user, but cannot change the manager account admin; and the new user is a normal user.

This is a close-up view of the user setting table from the previous screenshot. It shows the following data:

| UserID | Username | Password | Verify Password | Setpower |
|---------------|----------|------------|-----------------|----------|
| Administrator | admin | ••••~•••• | ••••~•••• | admin |
| User1 | guest | ••••~••~•• | ••••~••~•• | guest |
| User2 | | | | guest |
| User3 | | | | guest |
| User4 | | | | guest |
| User5 | | | | guest |
| User6 | | | | guest |
| User7 | | | | guest |

2.4.2 Time setting

In the time setting page, you can adjust the time manually, synchronize with the computer time and the NTP, select the time zone and so on; a user can select according to the need thereof; and please set a correct time zone, otherwise, the P2P client may display a wrong time.



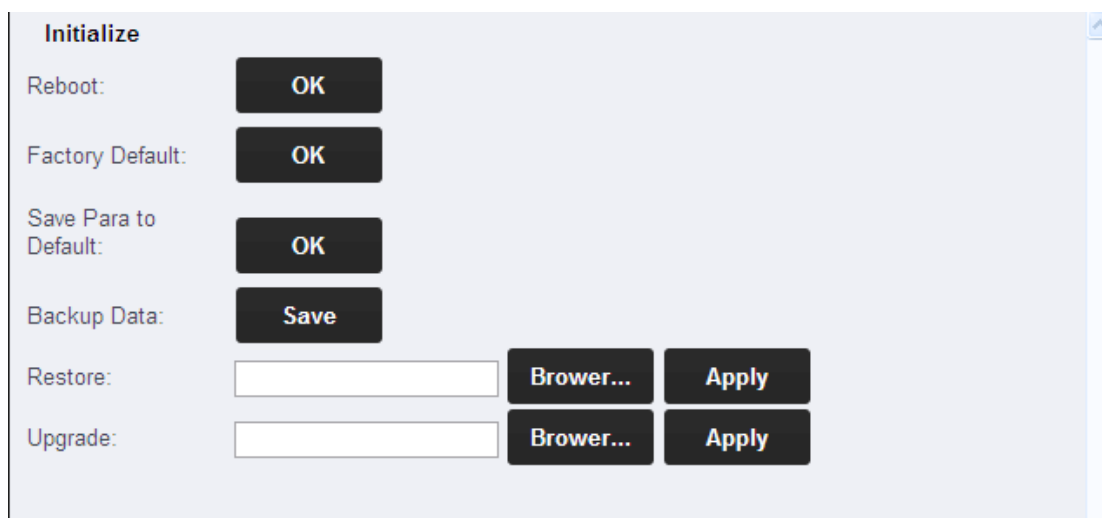
Adjust:

Date & Time: 2014-03-21 11:54:41

Mode: Keep Current

Time Zone: (GMT+08:00) Beijing, Chongqing, HongKong, Urumqi

2.4.3 Initialize setting



Initialize

Reboot: OK

Factory Default: OK

Save Para to Default: OK

Backup Data: Save

Restore: Browser... Apply

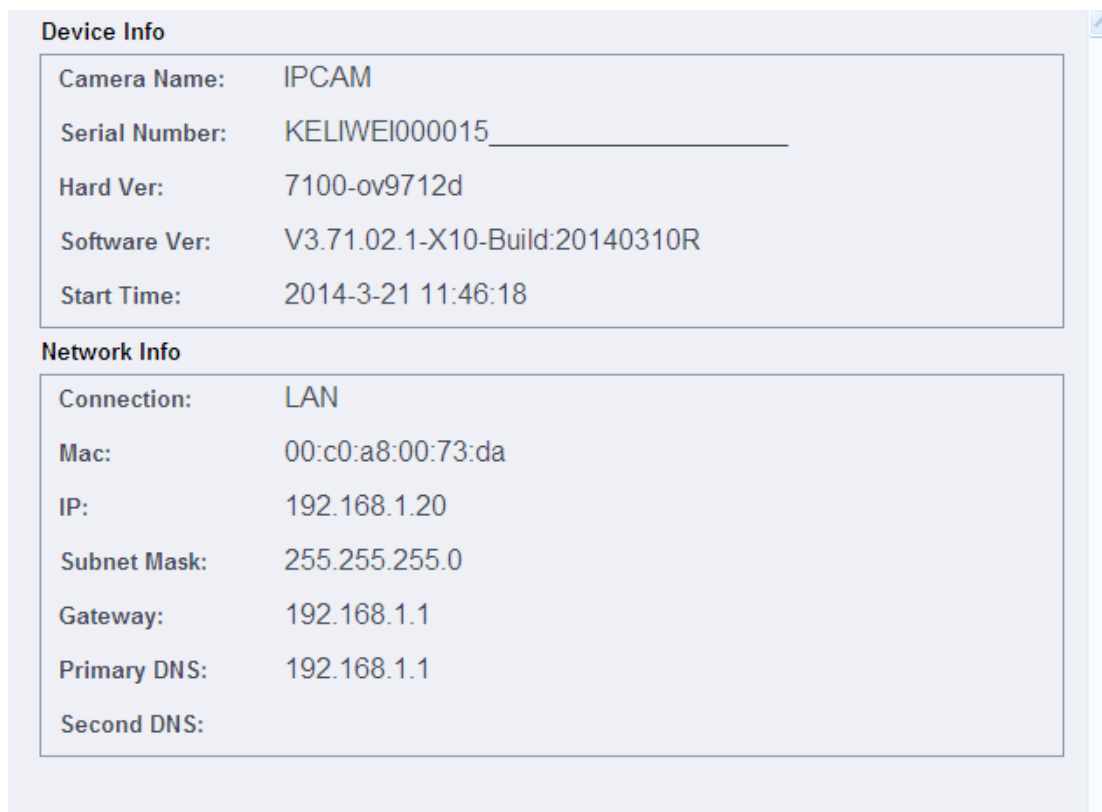
Upgrade: Browser... Apply

Reboot: reboot the video camera; and the reboot time of the video camera is about 1 min.

Factory default: recover the default setting of the video camera; the IP address is recovered as 192.168.1.128; and after the factory default, you may need to re-configure some parameters of the video camera.

System update: in the system update page, you can select to update the file and update the version of the fixed piece of the video camera; and for the detailed use method, please read the document “updating steps of the video camera” in the “Frequently Asked Questions” file.

2.4.4 Device Info setting



The screenshot shows two sections: 'Device Info' and 'Network Info'. The 'Device Info' section contains the following details:

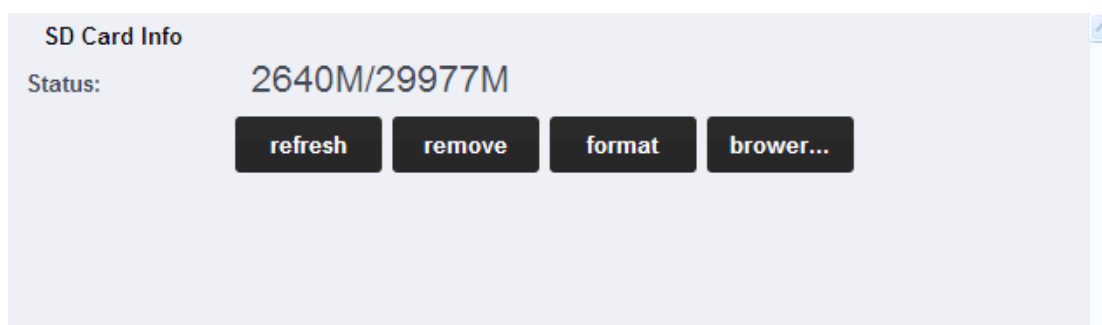
| | |
|----------------|--------------------------------|
| Camera Name: | IPCAM |
| Serial Number: | KELIWEI000015_____ |
| Hard Ver: | 7100-ov9712d |
| Software Ver: | V3.71.02.1-X10-Build:20140310R |
| Start Time: | 2014-3-21 11:46:18 |

The 'Network Info' section contains the following details:

| | |
|--------------|-------------------|
| Connection: | LAN |
| Mac: | 00:c0:a8:00:73:da |
| IP: | 192.168.1.20 |
| Subnet Mask: | 255.255.255.0 |
| Gateway: | 192.168.1.1 |
| Primary DNS: | 192.168.1.1 |
| Second DNS: | |

In the device information page, you can see the camera name, the serial number, the version information and network information.

2.4.5 Storage Device setting



The screenshot shows the 'SD Card Info' section with the following status:

Status: 2640M/29977M

Below the status, there are four buttons: 'refresh', 'remove', 'format', and 'browser...'.

In this page, you can see the status of SD card.

2.4.6 System log setting

The Log which records operating history and motion detection alarm events of the video camera is stored in the SD card of the video camera; and through the log page, you can view these records; and the use method is as follows:

Time: ~ Type:

| Number | Time | Type | Detailed |
|--------|---------------------|-----------|------------------------------|
| 1 | 2014-03-21 11:46:18 | Operation | Modify Time |
| 2 | 2014-03-21 11:46:18 | Operation | Modify Time |
| 3 | 2014-03-21 11:46:23 | Alarm | Motion Detection Alarm Start |
| 4 | 2014-03-21 11:46:33 | Alarm | Motion Detection Alarm Start |
| 5 | 2014-03-21 11:46:33 | Operation | Alarm Record Start |
| 6 | 2014-03-21 11:46:43 | Alarm | Motion Detection Alarm Start |
| 7 | 2014-03-21 11:46:43 | Operation | Alarm Record Start |
| 8 | 2014-03-21 11:46:53 | Alarm | Motion Detection Alarm Start |
| 9 | 2014-03-21 11:46:53 | Operation | Alarm Record Start |
| 10 | 2014-03-21 11:47:29 | Operation | Modify Time |
| 11 | 2014-03-21 11:49:36 | Operation | Modify Time |
| | | | |
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1 / 1 Goto:

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