

Network Camera User Manual

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Statement

The instruction is for guidance only. Detailed information is in accordance with the product.

The instruction may include some technical inaccuracies or typographical error thought it is prepared with our every effort.

The product or procedures described in the instruction may be changed or updated at any time without advance notice.

Screenshots used in the instruction are from the other machine and are only for indications and explanations.

For any doubts or to request documents about latest procedures and complementary notes, please consult with the after-sales service department.

Precautions

The followings describe information about correct usage and risk prevention as well property loss prevention to be strictly followed.

Please use web cameras in an environment within allowable temperature (-10°C to +50°C) and humidity.

Check if the power supply works normally before operation.

Do not furiously strike on the product and be careful not to fall it over.

Do not install the product in a dusty or moist place, or a place with strong electromagnetic radiation.

Do not place a container or others with liquid on the product or allow liquid flowing into inside the product.

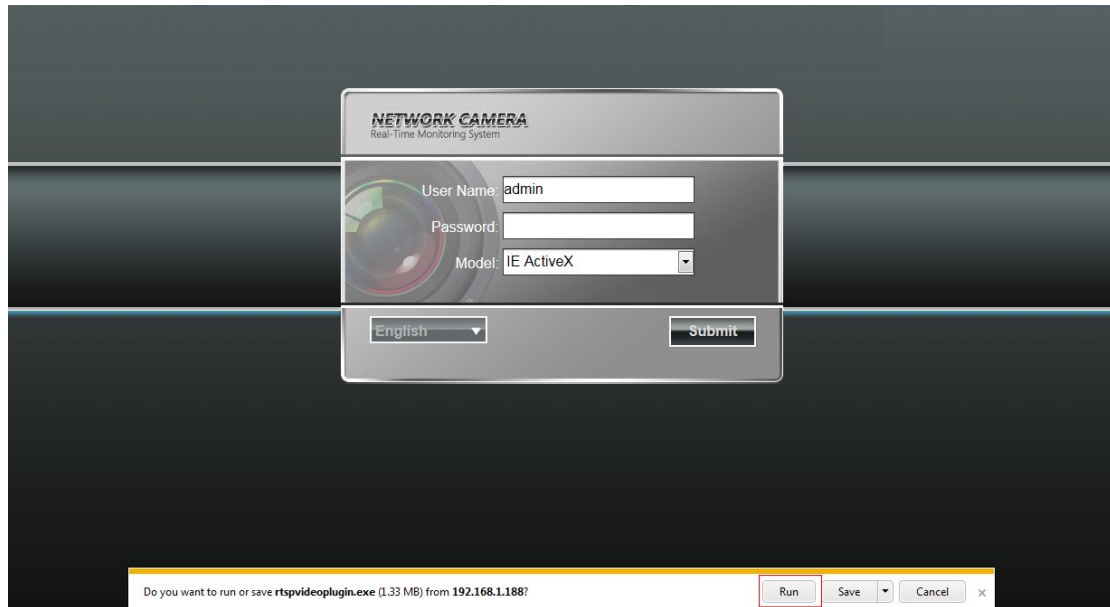
When the product is left unused, place install the preventive dust cover for the image sensor.

Do not disassemble the product without authorization.

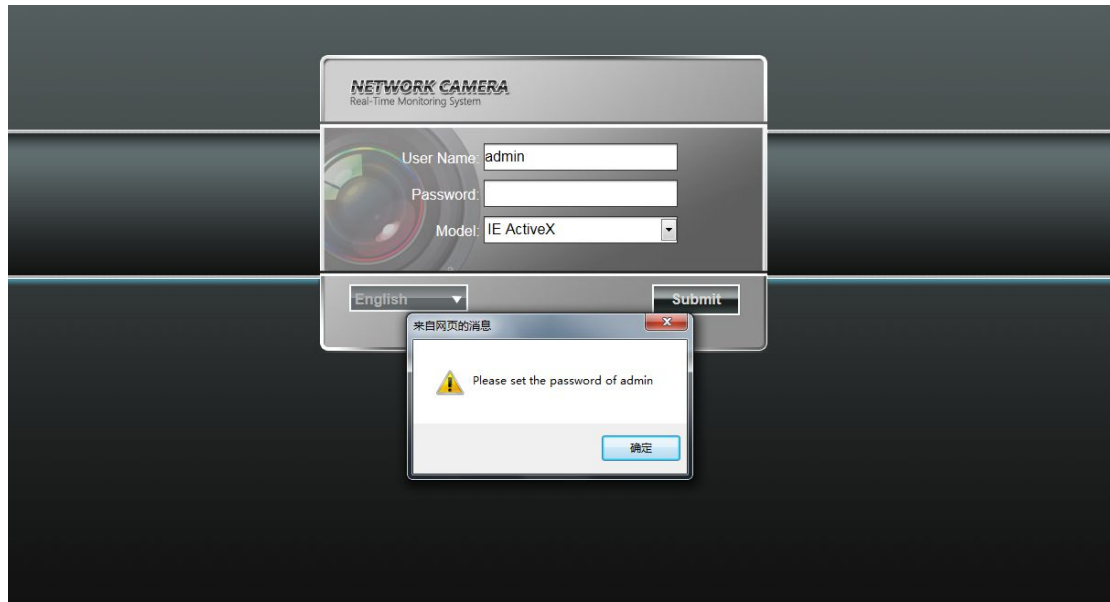
1. Login Interface

Input the IP address of the front-end device into the IE browser(default IP address is 192.168.1.188) to access the Login interface.

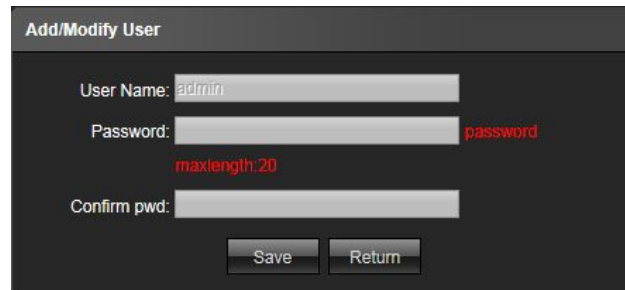
While visiting the IP Camera for the first time, you must install the Active X. Click "run", install the ActiveX according to the prompt.as shown in the following figure:



After installing the Active X, you will be prompted to set the password after click “submit” as shown in the following figure:

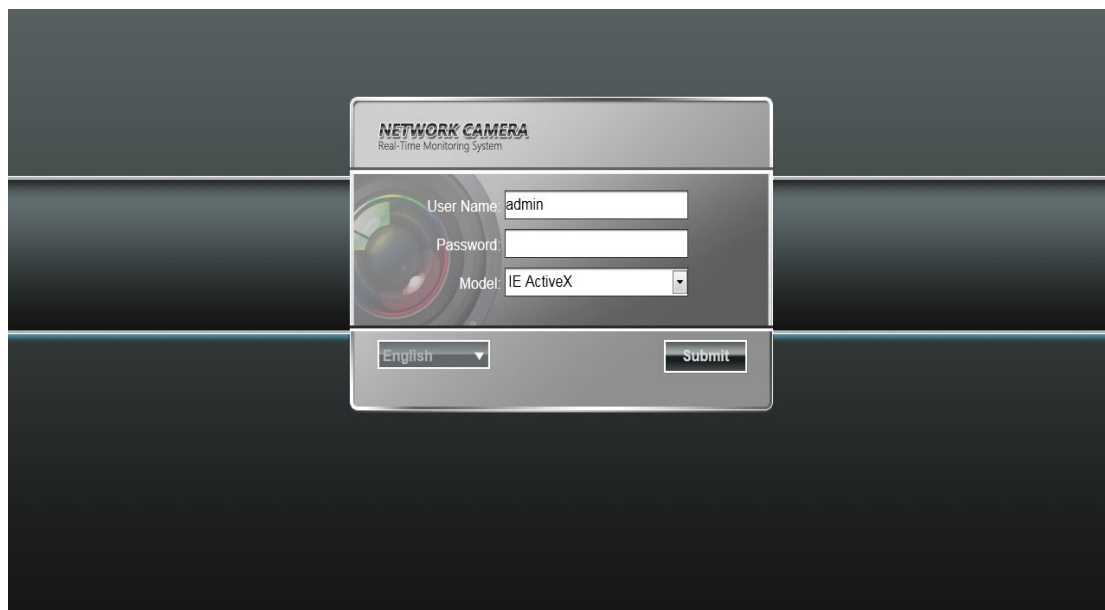


Password Settings interface will appear after click "OK" , user-defined, max 20 bits of password as shown in the following figure:



The image shows a web interface titled "Add/Modify User". It contains three input fields: "User Name:" with the value "admin", "Password:" with the value "password", and "Confirm pwd:". The "Password:" field has a red error message "maxlength:20" below it. At the bottom, there are two buttons: "Save" and "Return".

After succeed in setting the password, it will automatically login into the interface as shown in the following figure:



The image shows a login interface for a "NETWORK CAMERA Real-Time Monitoring System". It features a central login box with a camera lens icon on the left. The login box contains the following fields: "User Name:" with the value "admin", "Password:", and "Model:" with a dropdown menu showing "IE ActiveX". Below the login box, there is a language dropdown menu showing "English" and a "Submit" button.

User Name: admin (default setting)

Password: user-defined, max 20 bits of password

Model: IE ActiveX or Non ActiveX. If you use IE browser, then please select IE ActiveX to login. While you use other browsers, then select Non ActiveX to login. (Note: Select Non ActiveX without installing Activex control)

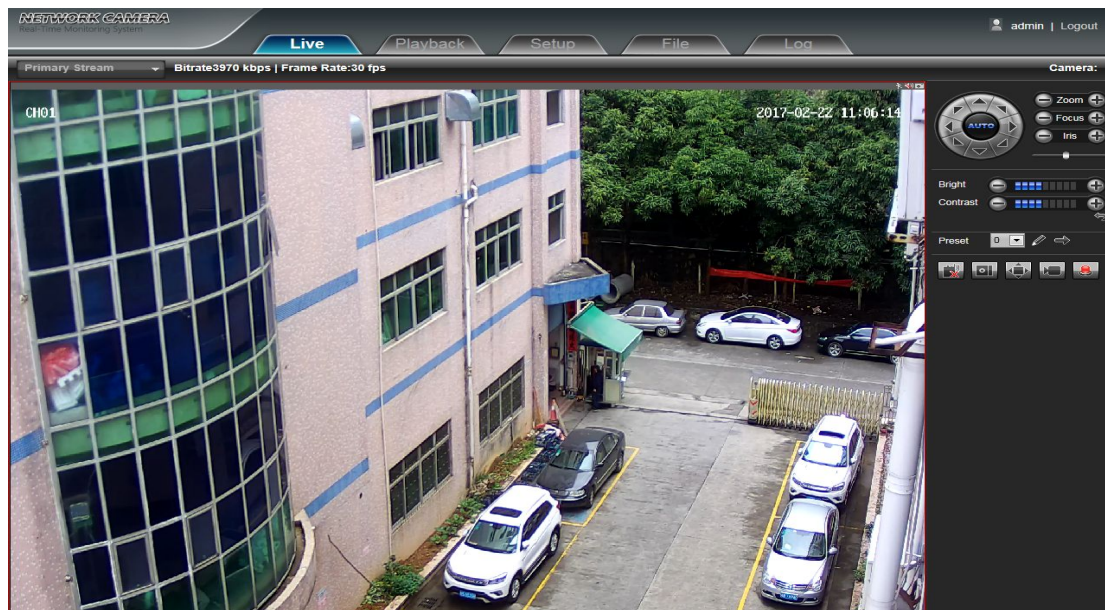
Select Language: English, implied Chinese, traditional Chinese

Click Submit to login.


2. Live view

After login, it will enter into the live preview, as shown in the following figure.

Note:The device need to insert TF card for full function display interface, otherwise, it's for simple type interface.

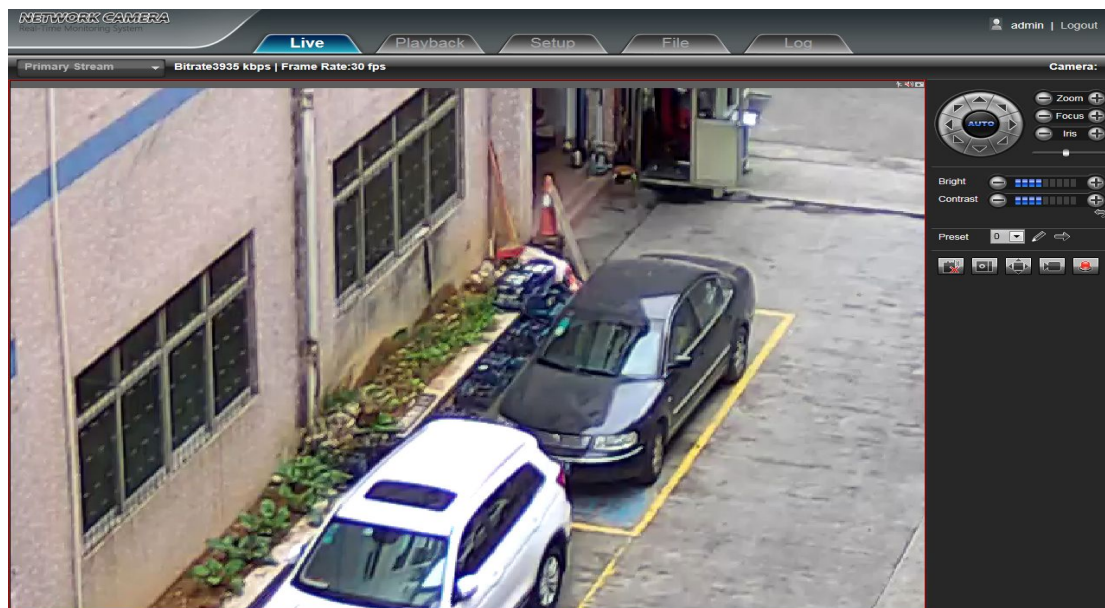


2.1 Full-screen Preview

Click the full-screen icon  in the lower right corner to preview full screen. Or you can click right mouse button to enter and exit the full screen display in the preview interface

2.2 Electronic Zoom-in

It can zoom in the preview image by scrolling the mouse wheel, as shown in the following figure:



2.3 PTZ control



PTZ Control: You can use eight directional keys to rotate front-end devices, and AUTO indicates auto-rotation.

Zoom In/ Out: To adjust degree of zoom in/ out

Focus: To adjust size of focus


Iris: To adjust size of aperture

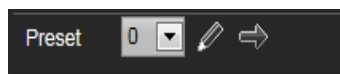
Speed: Use the slider to regulate the PTZ speed





Bright: To adjust the brightness of the screen

Contrast: To adjust the contrast of the screen

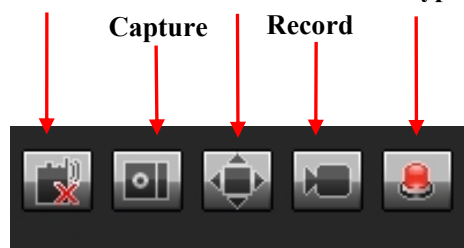
The  arrow is used to restore default settings



Set A Preset Point: Set a preset point by using directional keys on the PTZ control to rotate the camera to the desired location, next select a preset number from the Preset Point drop-down list, and then press  button.

Call A Preset Point: Call a preset point by selecting a preset number to be called from the Preset Point drop-down list and press  button.

VOICE INTERCOM Full Screen Event Type



Voice Intercom: Click it to enable or disable voice intercom

Capture: Capture for preview. Click the capture icon, it will pop up its storage path automatically



Full Screen: Display the current preview in full screen

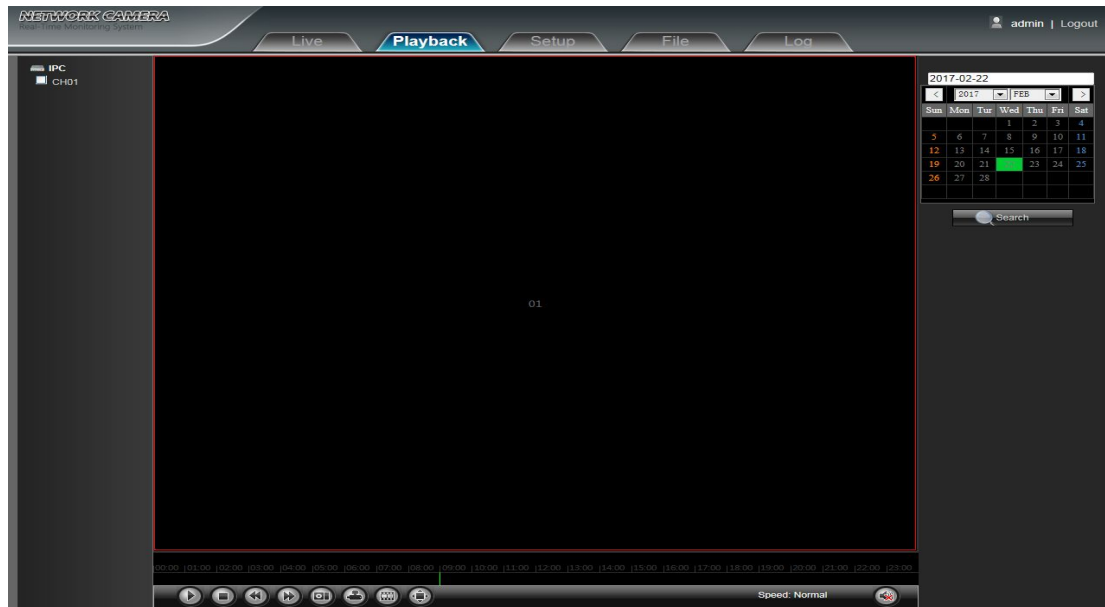
Record: Enable or disable preview interface record










Event Type: Enable or disable disarming/ clear alarm

Note: X indicates the function is off or disabled

3. Playback

Click Playback enter into playback interface, click the icon , next select the date time of the calling video in need, then click the icon , the record video will search automatically, as shown in the following figure:



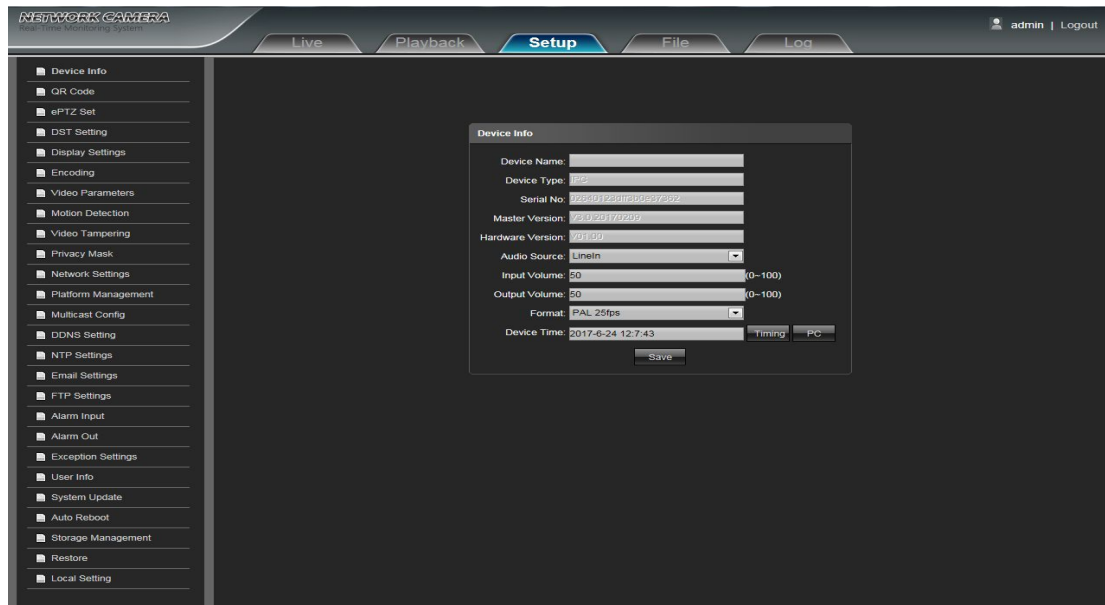
-  **Start:** Start the current playback
-  **Stop:** Stop the current playback
-  **Slow:** Slow down the playback speed(1/2, 1/4, 1/8, 1/16 times optional)
-  **Fast:** Speed up the playback speed(2, 4, 8, 16 times optional)
-  **Snapshot:** Can be snapshot in playback channel
-  **Backup:** Can be backup video in playback channel
-  **Frame Play:** Single frame to play
-  **Full Screen:** Playback video will display with full screen
-  **Voice:** Adjust the volume of playback audio

Double-click the slider location, it will start to play the video, or you can click the Start button to playback video

(Note: The device need to support and insert TF card to enable this function.)

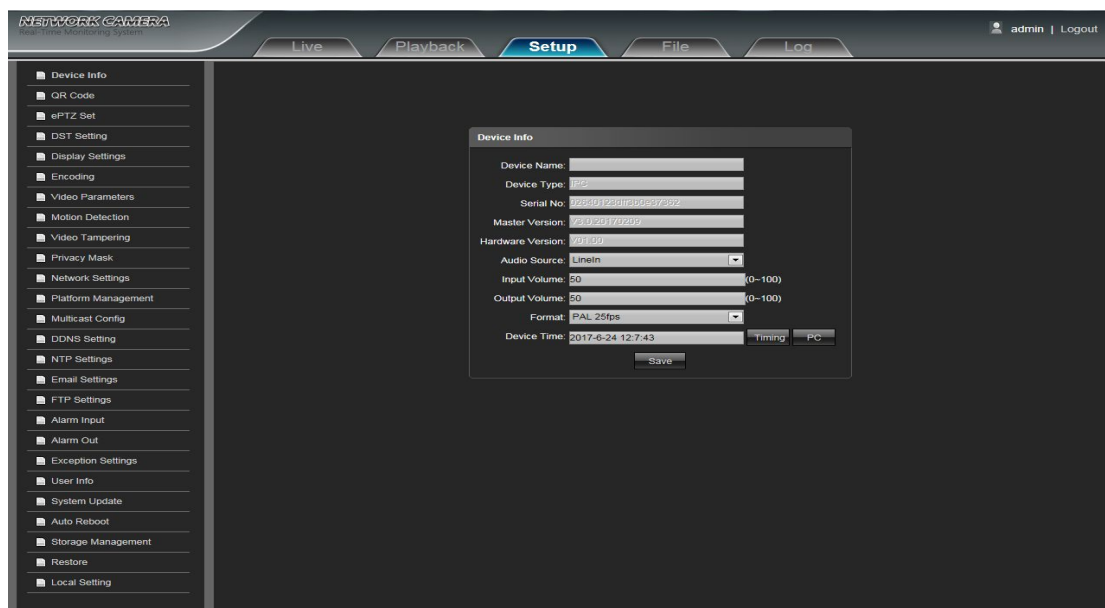
4. Setup

Note: The device needs to insert a TF card for full function display interface, otherwise, it's for simple type interface.



4.1 Device Info

IP Camera Device Info interface as shown in the following figure:



- **Device Name:** Edit the camera name
- **Device Type:** Display the device type
- **Serial No :** Display the product serial No.
- **Master Version:** Display the software version date (Note: Based on the version information which displayed in factory product)
- **Hardware Version:** Display the hardware version number
- **Audio Source:** Select the audio input mode, LineIn or MicIn selectable

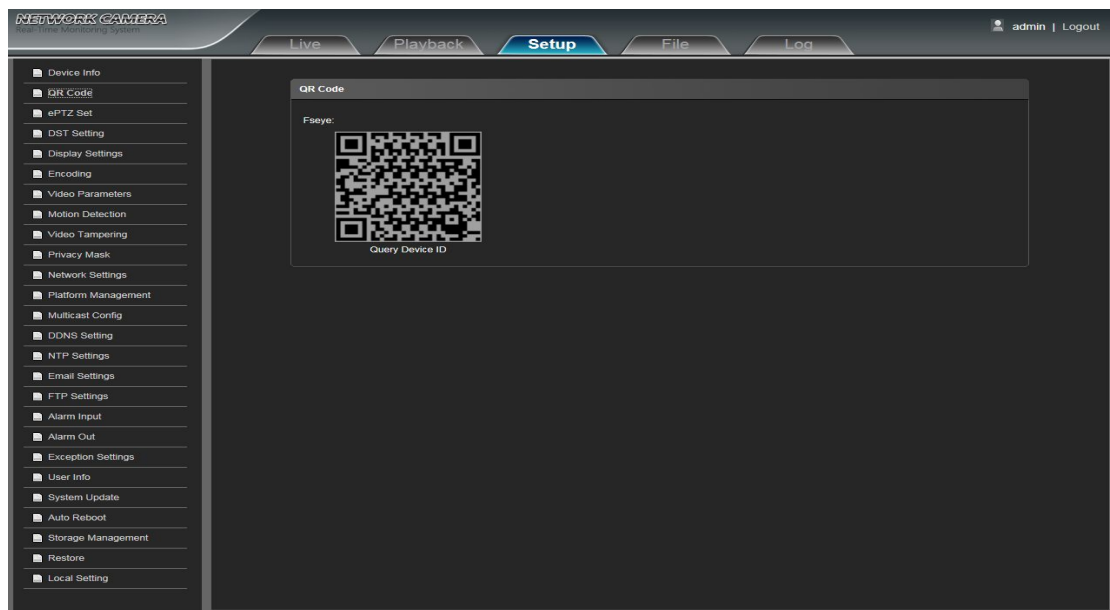
- **Input Volume:** Set the size of the input volume, the range of volume:0-100, default is 50
- **Output Volume:** Set the size of the output volume, the range of volume:0-100, default is 50
- **Format:** Switch to select the PAL and NTSC image scanning system
- **Device Time:** Set and display the device current time

After complete all parameters setting, click Save and then it will take effect immediately

4.2 QR Code

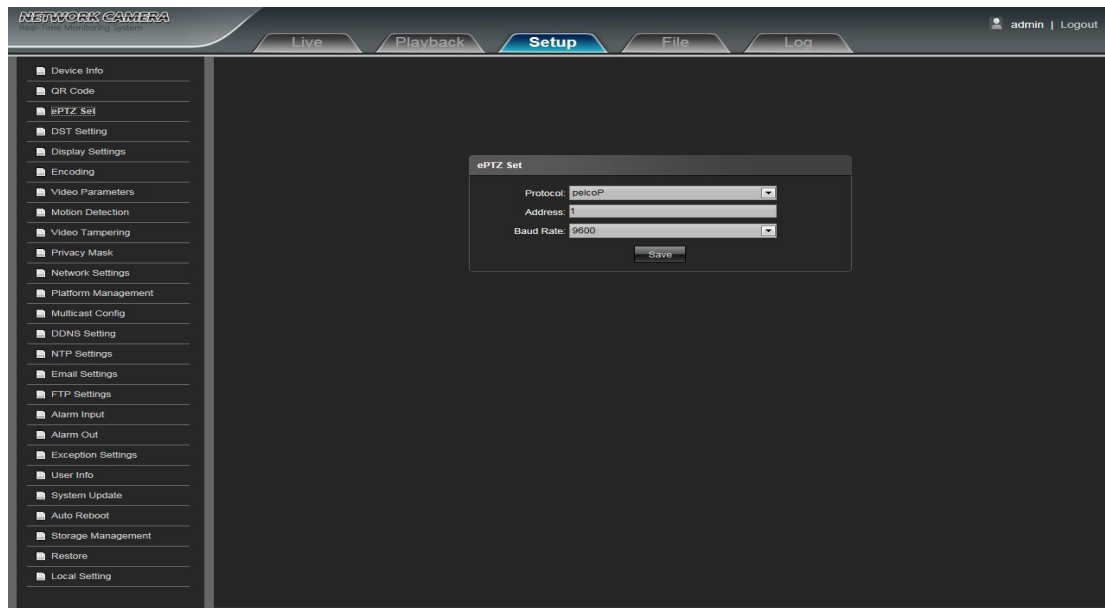
The display interface of QR code of IP Camera is shown as below, Use Fseye mobile client can directly scan the Query Device ID QR code to login.

(Note: The QR icon will display only after the opening the corresponding agreement in platform management interface, and it supports QR code at present: Fseye, Fseye is corresponding to Fseye client in platform management interface)



4.3 ePTZ Set

IP Camera ePTZ Set interface as shown in the following figure:



Protocol: Support pelcoD and pelcoP protocol

Address: Support 0-255 address code adjustable

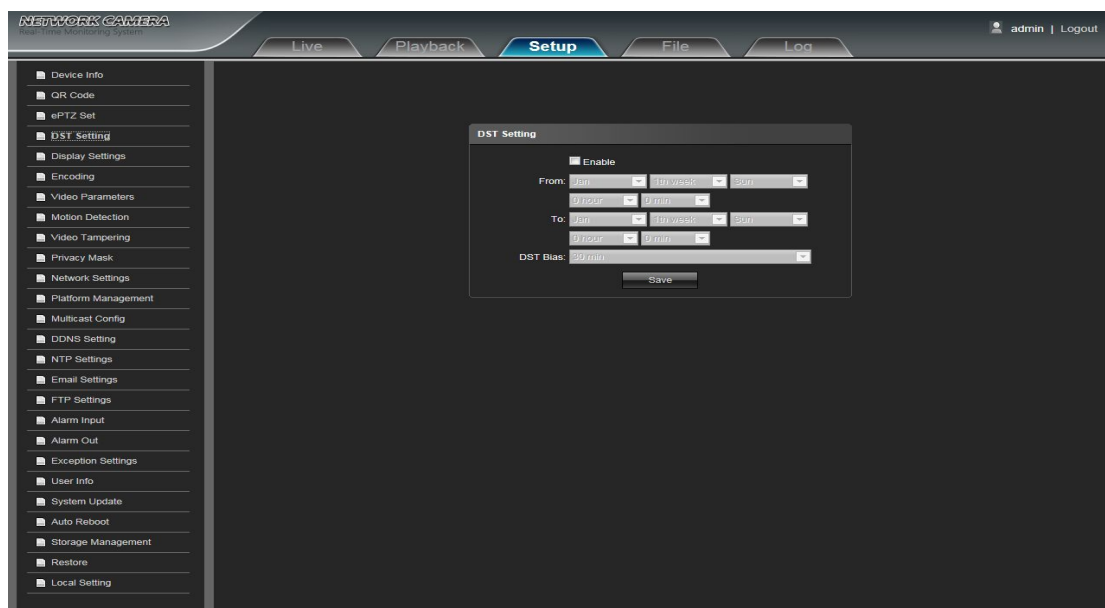
Baud Rate: Support diverse baud rate selectable


Operation Method: Connect analog high speed dome at the IP camera AB port, set the protocol and baud rate, and control the high speed dome through IPC preview interface

After complete all parameters setting, click Save and then it will take effect immediately.

4.4 DST Setting

IP Camera DST Settings interface as shown in the following figure:

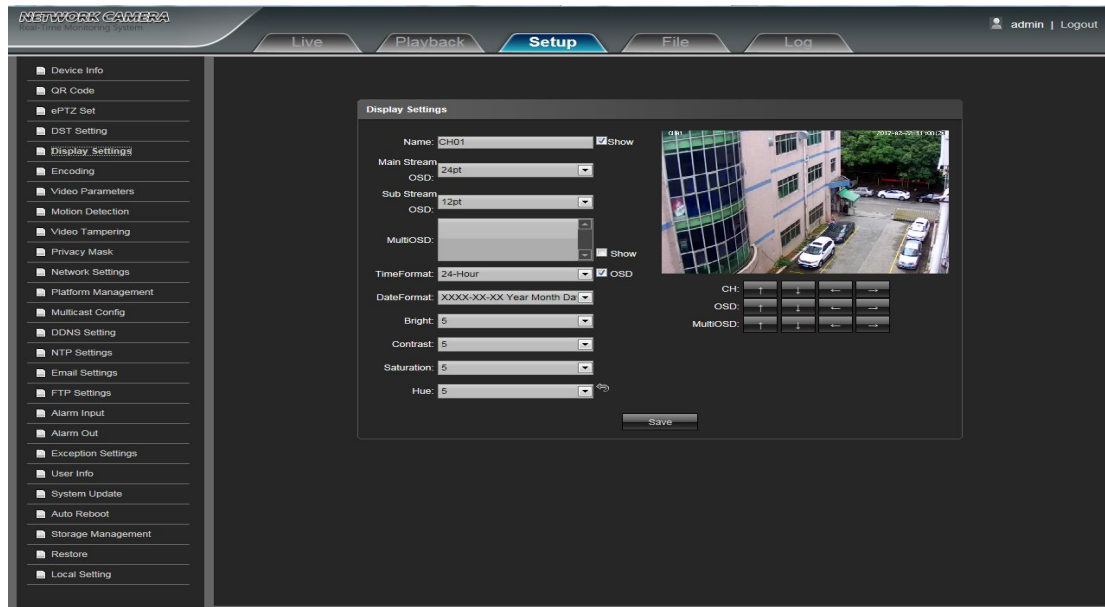


● **Enable:** Can choose to enable or close the DST function, If in the implementation of daylight saving time region, just click  the enable daylight saving time

- **From(Begin time):** Set begin DST time
 - **To(End time):** Set end DST time
 - **DST Bias(Offset time):** Set DST offset time, there 30/60/90/120 minutes selectable
- After complete all parameters setting, click Save and then it will take effect immediately

4.5 Display Settings

IP Camera Display Settings interface as shown in the following figure.

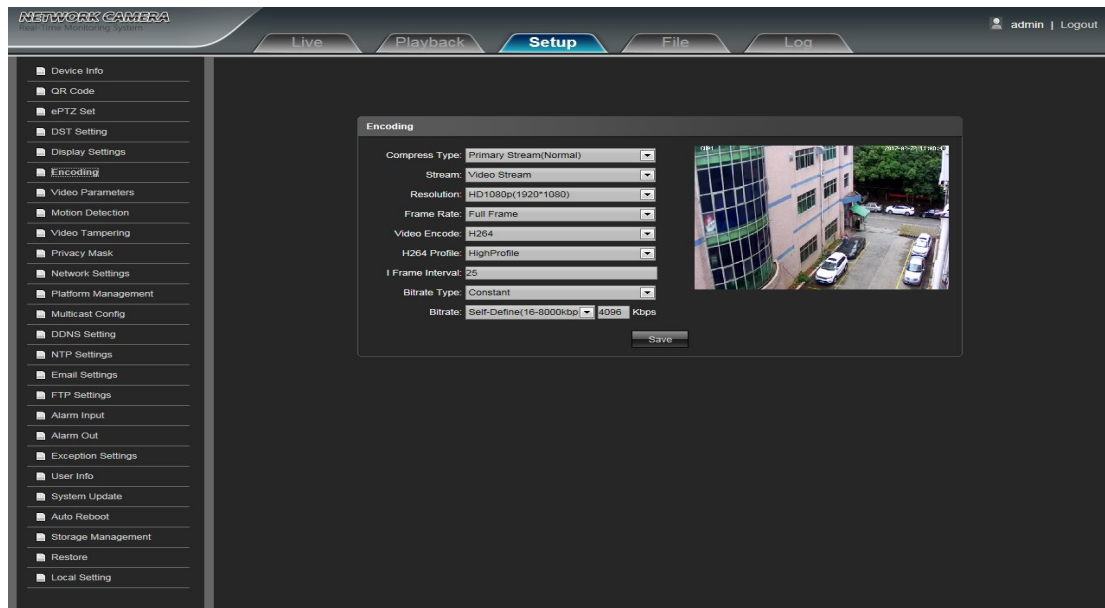


- **Name:** Modify the appointed channel name
- **Main Stream OSD:** Modify the appointed channel font of main stream OSD
- **Sub Stream OSD:** Modify the appointed channel font of sub stream OSD
- **Multi OSD:** Add multi user-defined OSD, it can be selected Show or not
- **Time Format:** Select different time display mode for the appointed channel
- **Date Format:** Select different date display mode for the appointed channel
- **Bright:** Adjust the brightness for the appointed channel
- **Contrast:** Adjust the contrast for the appointed channel
- **Saturation:** Adjust the saturation for the appointed channel
- **Hue:** Adjust the hue for the appointed channel
- **Cyclotron Arrow:** Restore the default parameters(Only for Bright, Contrast, Saturation and Hue)
- **CH(Title Location):** Set the channel title location for the appointed channel
- **OSD(Date Adjustment):** Set the channel date location for the appointed channel
- **Multi OSD(position adjustment):** Set the position of multi OSD

After complete all parameters setting, click Save and then it will take effect immediately

4.6 Encoding

IP Camera Encoding setting interface as shown in the following figure:

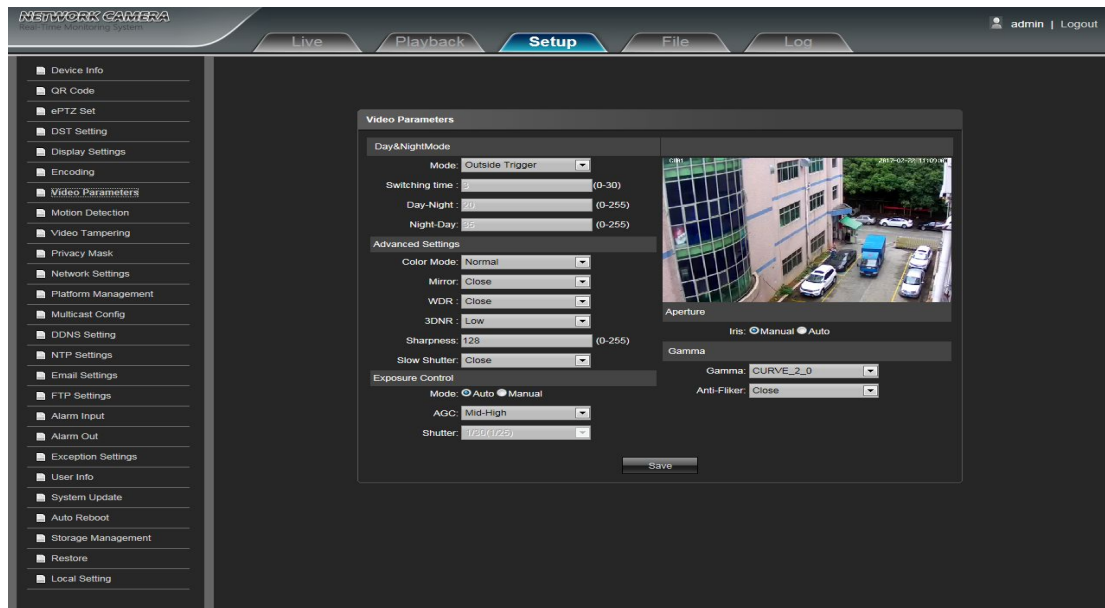


- **Compress Type:** Primary Stream(Normal)/ Sub Stream selectable
- **Stream:** Include complex stream/ video stream two types
- **Resolution:** The camera supports several resolution, will display here
- **Frame Rate:** Select different frame rate in the drop-down list, default is Full Frame
- **Video Encode:** H.264/ MJPEG two kinds of video encode format
- **H264 Profile:** There are MainProfile/ Baseline/ HighProfile three types optional
- **I frame Interval:** Set the I frame interval size
- **Bitrate Type:** Constant/ Variable selectable
- **Bitrate:** Set different bitrate for different channels

After complete all parameters setting, click Save and then it will take effect immediately

4.7 Video Parameters

IP Camera Video Parameters setting interface as shown in the following figure:

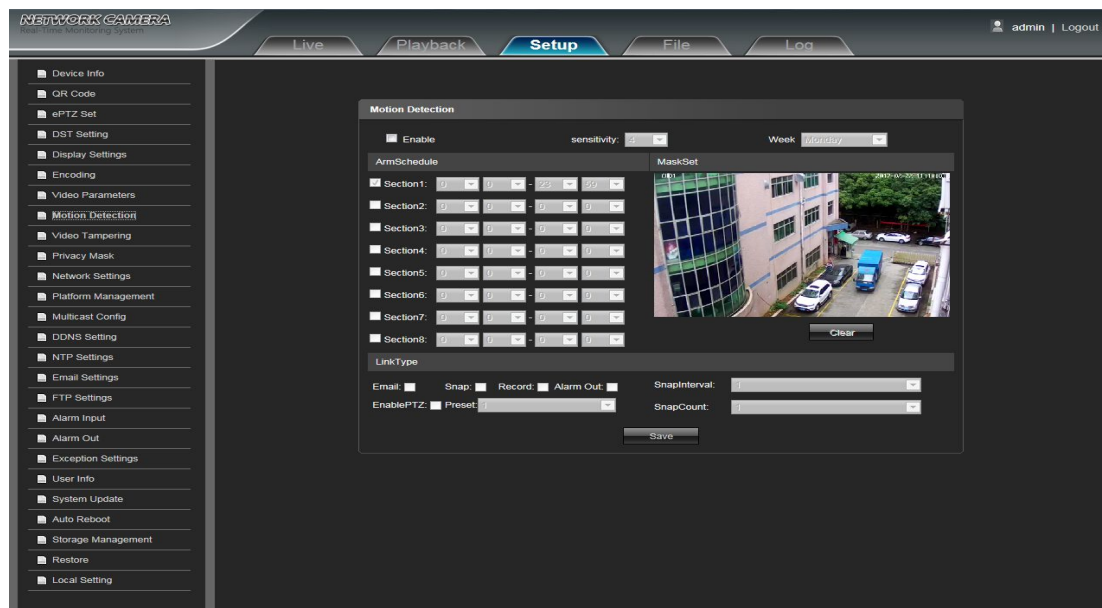


- **Day&Night Mode:** Outside Trigger/ Auto/ Color/ Black White four kinds of mode selectable. Non infrared IP cameras default mode is Auto, and infrared IP cameras default mode is Outside Trigger. According to the IP camera type and actual scene, user can select the Day&Night mode optional
- **Switching Time:** Day&Night switch delay time, 0-30s selectable, and default is 3s
- **Day-Night:** 0-255 selectable, users can adjust it according to the need, default is 20
- **Night-Day:** 0-255 selectable, users can adjust it according to the need, default is 35
- **Color Mode:** Normal/ Bright/ Nature three options, default is Normal
- **Mirror:** Close/ Horizontal Mirror/ Vertical Mirror/ 180° Rotation/90° Rotation/270° Rotation seven options, default is Close
- **WDR:** Close/ Low/ Mid/ High four options, default is Close
- **3DNR:** Close/ Low/ Mid/ Mid-High/ High five levels, default is Low
- **Sharpness:** 0-255 selectable, default is 128
- **Slow Shutter:** Close/Open selectable, default is Close.
- **Exposure Control Mode:** Auto/ Manual selectable, default is Auto
- **AGC:** It can be set when it's automatic exposure, Low/ Mid-Low/ Mid/ Mid-High/ High selectable, default is Mid-High. The higher Auto Gain value, the better sensitivity within low illumination, while the noise will be more obvious
- **Shutter:** It can be set when it's manual exposure, the shutter value range: 1/30 (25) - 1/10000
- **Aperture:** According to the IPC lens type, it can select Manual or Auto for the aperture adjustment (note: based on the defaulted aperture of factory products)
- **Gamma:** CURVE_1_6, CURVE_1_8, CURVE_2_0, CURVE_2_2 totally four modes, default is CURVE_2_0
- **Anti-Flicker:** Close, 50hz, 60hz three types, the default is Close

After complete all parameters setting, click Save, the settings will take effect immediately

4.8 Motion Detection

IP Camera Motion Detection setting interface as shown in the following figure:

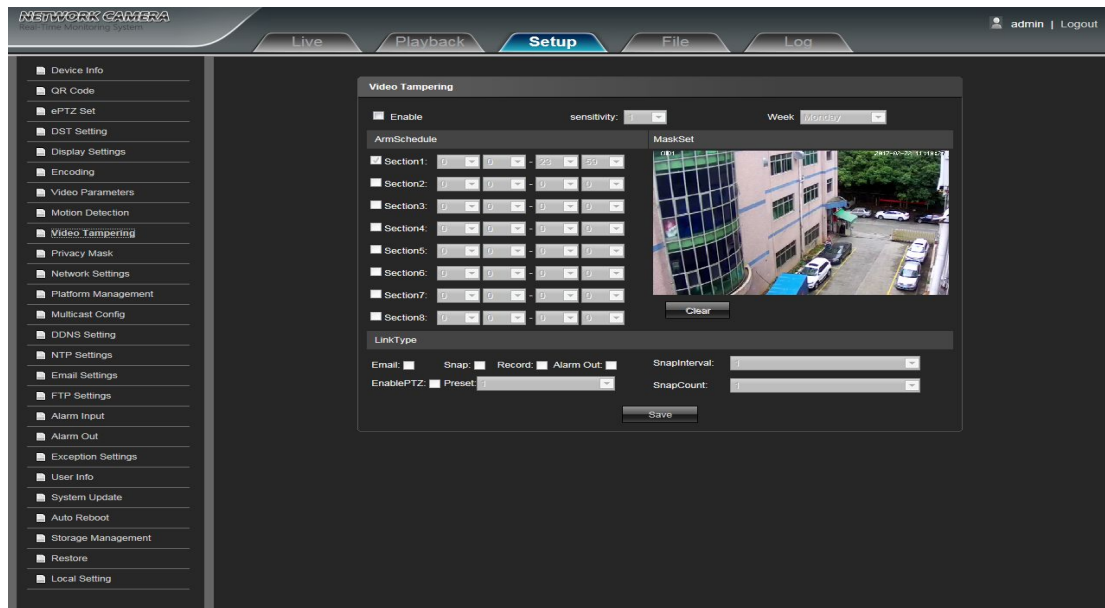


- **Enable:** Select whether to enable the Motion Detection function
- **Sensitivity:** The higher sensitivity, the more obvious motion detective effect
- **Week:** The protection time can be set up from Monday to Sunday
- **Arm Schedule:** Can set up protection period of time, one day can set up 8 time quantum
- **Mask Set:** In the "Mask Set" preview interface, press and drag the left mouse button, then set the area needed to be detected
- **Clear:** Click Clear to clear the current detective areas
- **Email:** Click Email. Once alarm triggers that it will send Email to appointed mailbox
- **Snap:** Click Snap. Once alarm triggers that it will linkage camera to snapshot picture and store it in the TF card
- **Record:** Click Record. Once alarm triggers that it will linkage camera to record video and restore it in the TF card
- **Alarm Output:** There is a active warner connected to the alarm output port. Once alarm triggers that it will linkage embedded relay switch to make alarm output
- **Enable PTZ:** Enable or disable PTZ function
- **Preset:** When motion detection triggers alarm, it will linkage the presets
- **Snap Interval:** Set the alarm interval time
- **Snap Count:** Set the snapshot image count for every time

After complete all parameters setting, click Save, the settings will take effect immediately

4.9 Video Tampering

IP Camera Video Tampering setting interface as shown in the following figure:

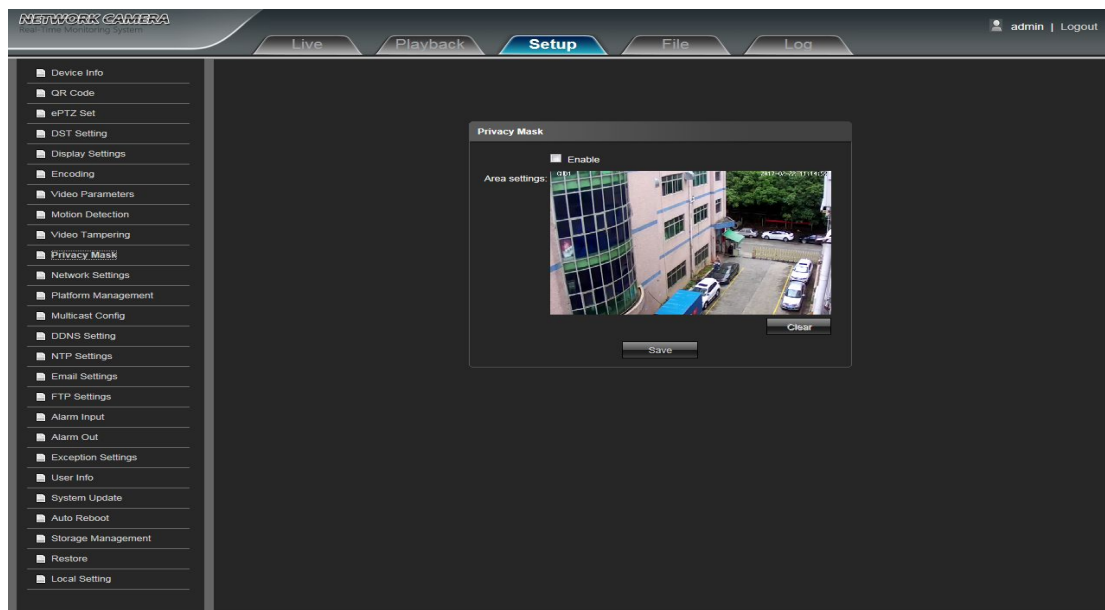


- **Enable:** Select whether to enable the video tampering function
- **Sensitivity:** The higher the sensitivity, the more easier to trigger the video tampering alarm
- **Week:** The protection time can be set up from Monday to Sunday
- **Arm Schedule:** Can set up protection period of time, one day can set up 8 time quantum
- **Mask Set:** In the "Mask Set" preview interface, press and drag the left mouse button, then set the area needed keeping out alarm
- **Clear:** Click Clear to clear the current detective areas
- **Email:** Click Email. Once alarm triggers that it will send Email to appointed mailbox
- **Snap:** Click Snap. Once alarm triggers that it will linkage camera to snapshot picture and store it in the TF card
- **Record:** Click Record. Once alarm triggers that it will linkage camera to record video and restore it in the TF card
- **Alarm Output:** There is a active warner connected to the alarm output port. Once alarm triggers that it will linkage embedded relay switch to make alarm output
- **Enable PTZ:** Enable or disable PTZ function
- **Preset:** When Video Tampering triggers alarm, it will linkage the presets
- **Snap Interval:** Set the alarm interval time
- **Snap Count:** Set the snapshot image count for every time

After complete all parameters setting, click Save, the settings will take effect immediately

4.10 Privacy Mask

IP Camera Privacy Mask setting interface as shown in the following figure:

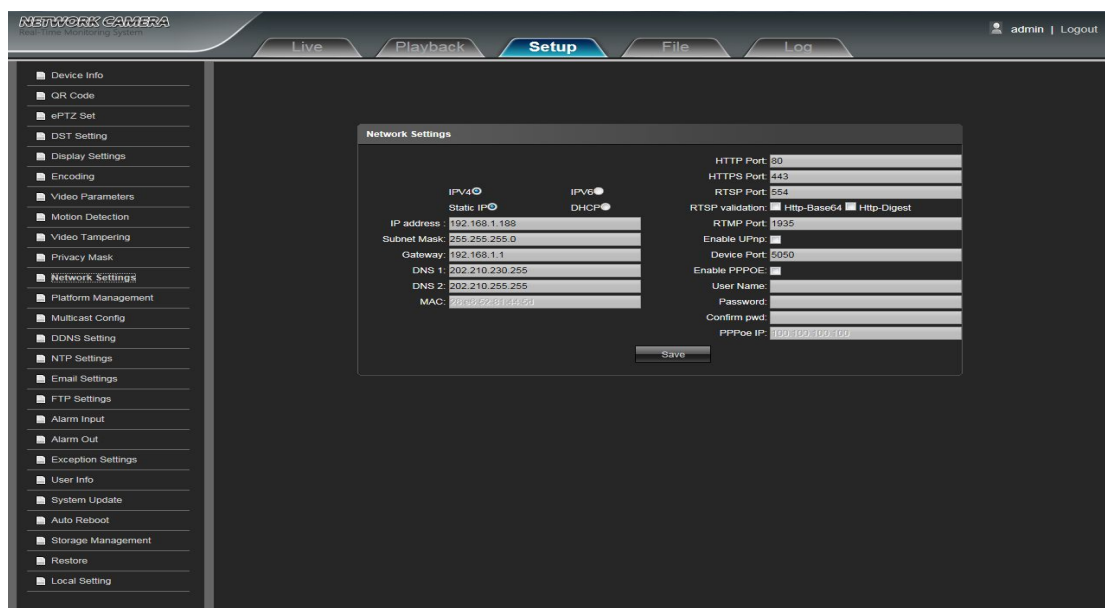


- **Enable:** Enable or disable the Privacy Mask function
- **Area Settings:** Press and drag the left mouse button in the Area Settings preview interface, then draw the check optional to set the mask area
- **Clear:** Click Clear to delete the current mask area

After complete all parameters setting, click Save and then the settings will take effect immediately

4.11 Network Settings

IP Camera Network Settings interface as shown in the following figure:



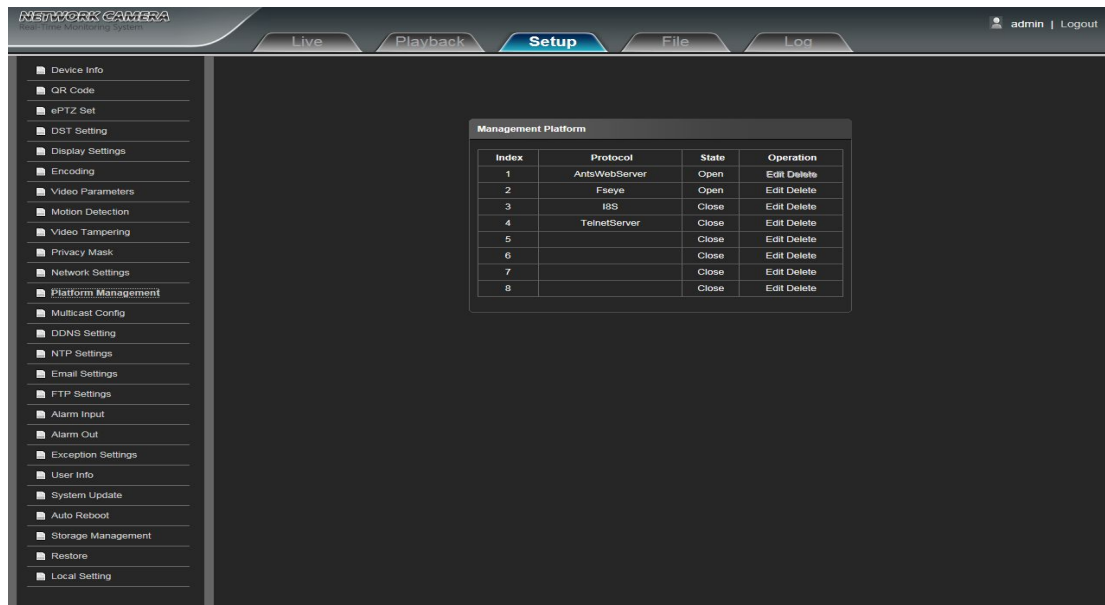
- **IPV4:** IP protocol version No. is 4
- **IPV6:** IP protocol version No. is 6, the feature is not optional at present

- **Static IP:** The device IP address is permanent
- **DHCP:** Enable DHCP, then IP camera will get the IP address from router automatically
- **IP Address:** Input the corresponding numbers to change the IP address
- **Subnet Mask:** Input the corresponding IP subnet mask
- **Gateway:** Input the corresponding gateway address
- **DNS 1:** DNS server IP address
- **DNS 2:** DNS server second IP address
- **HTTP Port:** Input the corresponding port (Default is 80)
- **HTTPS Port:** Input the corresponding port (Default is 443)
- **RTSP Port:** Use domain name to access and login device need mapping RTSP, default port is 554
- **RTSP Validation:** Choose RTSP verification mode, Http-Base64, Http-Digest selectable. After clicking to check and enable the corresponding RTSP verification mode, When playing RTSP real-time stream, it needs to verify the user name and password
- **RTMP Port:** Use domain name to access and login device need mapping RTMP, default port is 1935
- **Enable UPnp:** Enable UPNP, then device port and HTTP port will be mapped to the router automatically
- **Device Port:** Input the corresponding device port(Default is 5050)
- **Enable PPPoe:** Click to enable PPPoe
 - User Name:** Input the user name
 - Password:** Input the password
 - Confirm pwd:** Input the password again to confirm it
 - PPPoe IP:** Input device dynamic address

After complete all parameters setting, click Save, then the settings will take effect immediately

4.12 Platform Management

IP Camera Platform Management interface as shown in the following figure:



User can open, close, edit and delete the protocol in the Management Platform interface

4.13 Multicast Config

IP Camera Multicast Config interface as shown in the following figure:

The screenshot displays the 'Multicast Config' interface of a Network Camera. The sidebar on the left lists various settings categories, including Device Info, QR Code, ePTZ Set, DST Setting, Display Settings, Encoding, Video Parameters, Motion Detection, Video Tampering, Privacy Mask, Network Settings, Platform Management, Multicast Config, DDNS Setting, NTP Settings, Email Settings, FTP Settings, Alarm Input, Alarm Out, Exception Settings, User Info, System Update, Auto Reboot, Storage Management, Restore, and Local Setting. The main panel shows the 'Multicast Config' settings. The 'Enable Multicast' checkbox is unchecked. Below it, there are four sections: 'Primary Stream Video', 'Sub Stream Video', 'Primary Stream Audio', and 'Sub Stream Audio'. Each section contains fields for 'IP address', 'Port', and 'TTL'. The 'IP address' field is set to '228.255.0.2', 'Port' is '8000', and 'TTL' is '255'. A 'Save' button is located at the bottom of the panel.

Default disabling for multicast config. After click "Enable Multicast", users can set IP address, Port and TTL of primary stream video, primary stream audio, sub stream video, sub stream audio

4.14 DDNS Setting

DDNS is implemented through a dynamic domain resolution server. It requires a PC running in the Server with fixed IP address on the Internet. IP Camera DDNS setting interface as below figure:

The screenshot displays the 'DDNS Setting' interface of a Network Camera. The sidebar on the left lists various settings categories, including Device Info, QR Code, ePTZ Set, DST Setting, Display Settings, Encoding, Video Parameters, Motion Detection, Video Tampering, Privacy Mask, Network Settings, Platform Management, Multicast Config, DDNS Setting, NTP Settings, Email Settings, FTP Settings, Alarm Input, Alarm Out, Exception Settings, User Info, System Update, Auto Reboot, Storage Management, Restore, and Local Setting. The main panel shows the 'DDNS Setting' settings. The 'Enable DDNS' checkbox is unchecked. Below it, there are fields for 'Server Type' (set to '3322'), 'Server Name' (set to '192.168.1.100'), 'Port' (set to '80'), 'User Name', 'Password', 'Confirm pwd', and 'Domain'. A 'Save' button is located at the bottom of the panel.

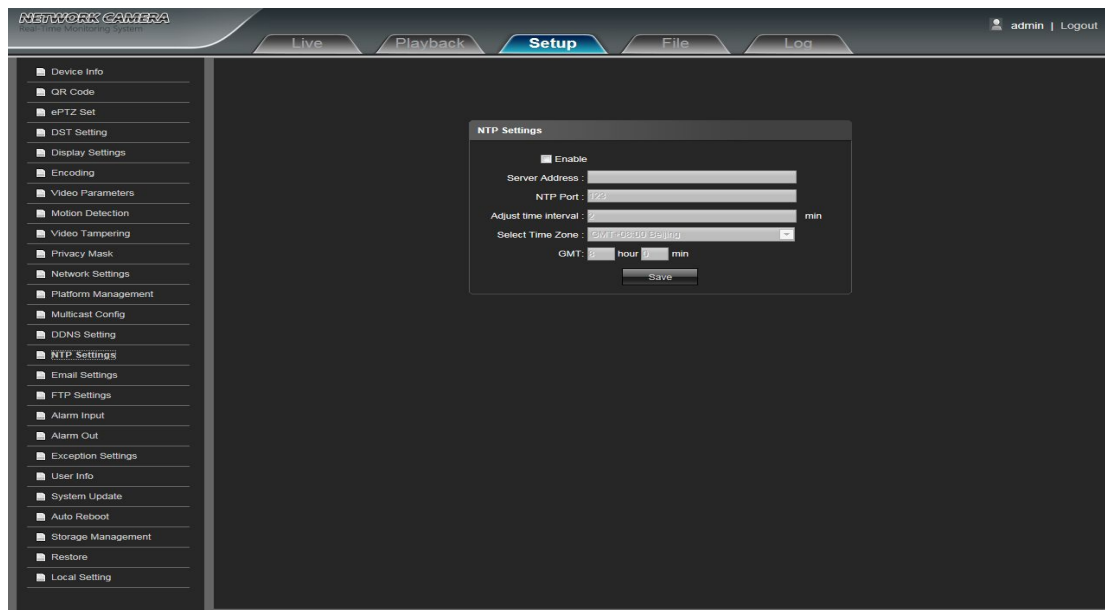
- **Enable DDNS:** Enable or Disable DDNS function
- **Server Type:** Select DDNS server type (There are DynDNS/ PeanutHull/ NO-IP/ 3322/ DnsDynamic five types selectable)

- **Server Name:** Input server name, for example, members.3322.org
- **Port:** Input port.default port is 80
- **User Name:** Input user name
- **Password:** Input password
- **Confirm pwd:** Input the password again to confirm it
- **Domain:** Input the second domain

After complete parameters setting, click Save and then the settings will take effect immediately

4.15 NTP Settings

IP Camera NTP Settings interface as shown in the following figure:



- **Enable NTP:** Enable or disable NTP function
- **Server Address:** Input NTP server IP address
- **NTP Port:** Default port is 123
- **Adjust Time Interval:** Input the interval time
- **Select Time Zone:** Different area time format selectable
- **GMT:** Adjust the time to make it more exact

After complete all parameters setting, click Save, then the settings will take effect immediately

4.16 Email Settings

IP Camera Email Settings interface as shown in the following figure:

The screenshot shows the 'Email Settings' configuration page. The top navigation bar includes 'Live', 'Playback', 'Setup' (active), 'File', and 'Log'. The user 'admin' is logged in. The left sidebar lists various settings categories. The main content area contains the 'Email Settings' form with the following fields:

- (send)Email Address: [Text Input]
- Password: [Text Input]
- Confirm pwd: [Text Input]
- (send)SMTP Server: [Text Input]
- SMTP Port: [Text Input]
- SSL: ☒ (checked)
- Identity verification: ☒ (checked)
- Sending Interval: [Text Input] (25-250s)
- EmailAddr1: [Text Input]
- EmailAddr2: [Text Input]
- EmailAddr3: [Text Input]
- Save: [Button]

- **(send)Email Address:** Input the address of the outbox
- **Password:** Input the the password of the outbox
- **Confirm pwd:** Input the password again to confirm it
- **(send)SMTP Server:** Input the smtp server address of the outbox
- **SMTP Port:** Input the smtp server port of the outbox
- **SSL/Identity verification:** Tick ☒ **SSL** and ☒ **Identity verification** to send the email correctly and safely
- **Sending Interval:** Input the sending interval time
- **Email Address:** Input the address of the inbox, fill in the address of receiving email, and can fill in 3 address of receiving email

After complete all parameters setting, click Save and then the settings will take effect immediately

4.17 FTP Settings

IP Camera FTP Settings interface as shown in the following figure:

The screenshot shows the 'FTP Settings' window in the 'Setup' tab. The sidebar on the left includes options like Device Info, QR Code, ePTZ Set, OST Setting, Display Settings, Encoding, Video Parameters, Motion Detection, Video Tampering, Privacy Mask, Network Settings, Platform Management, Multicast Config, DDNS Setting, NTP Settings, Email Settings, FTP Settings (selected), Alarm Input, Alarm Out, Exception Settings, User Info, System Update, Auto Reboot, Storage Management, Restore, and Local Setting. The main content area contains the FTP Settings form with the following fields: 'Enable' (checkbox), 'Server Address' (text input), 'Port' (text input, default 21), 'User Name' (text input), 'Password' (text input), and 'Path' (text input). A 'Save' button is located at the bottom of the form.

- **Enable:** Click **Enable** to enable or disable FTP function
- **Server Address:** Input the server address required to upload
- **Port:** Input the server port, default is 21
- **User Name:** Input the user name required to upload
- **Password:** Input the password required to upload
- **Path:** Input the file name of FTP uploading path

After complete all parameters setting, click Save and then the settings will take effect immediately

4.18 Alarm Input

IP Camera Alarm Input setting interface as shown in the following figure:

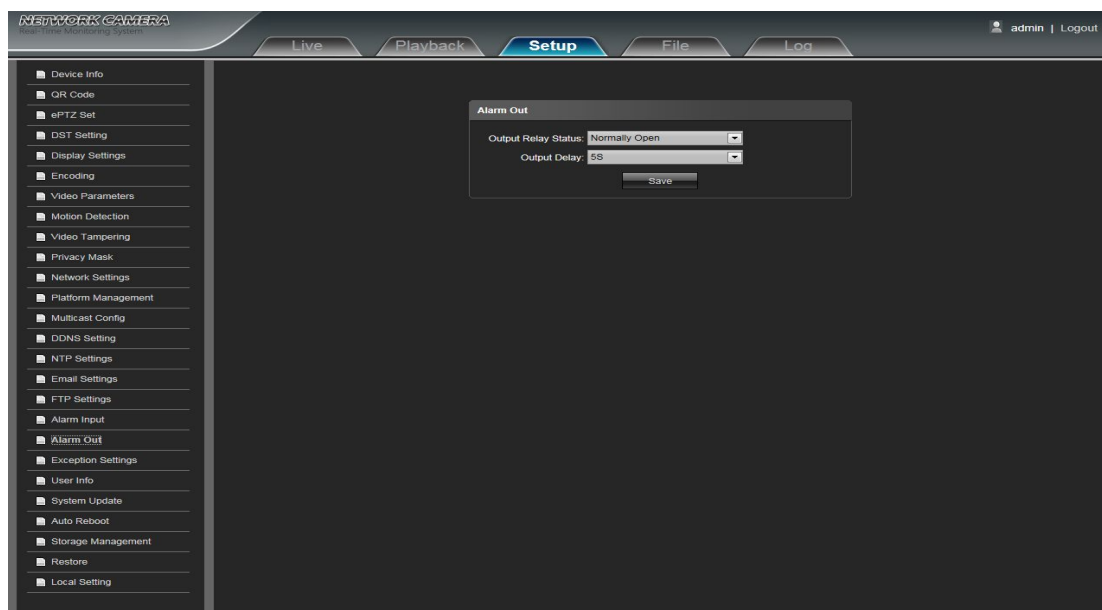
The screenshot shows the 'Alarm Input' window in the 'Setup' tab. The sidebar on the left includes options like Device Info, QR Code, ePTZ Set, OST Setting, Display Settings, Encoding, Video Parameters, Motion Detection, Video Tampering, Privacy Mask, Network Settings, Platform Management, Multicast Config, DDNS Setting, NTP Settings, Email Settings, FTP Settings, Alarm Input (selected), Alarm Out, Exception Settings, User Info, System Update, Auto Reboot, Storage Management, Restore, and Local Setting. The main content area contains the Alarm Input form with the following fields: 'Alarm Input' (dropdown menu), 'Alarm In Name' (text input), 'Trigger' (dropdown menu), 'Arm Schedule' (Week: dropdown, Section 1-8: grid of checkboxes), 'LinkType' (Email, Snap, Record, Alarm Out: checkboxes), 'SnapCount' (text input), 'SnapInterval' (text input), 'EnablePTZ' (checkbox), and 'Preset' (text input). A 'Save' button is located at the bottom of the form.

- **Alarm Input:** Select the alarm input port, then click **Handle : ☒** can implement following parameters settings
- **Alarm In Name:** Input alarm input name
- **Trigger:** Select the alarm status: Normally Open/ Normally Close
- **Arm Schedule:** Alarm schedule can be set from Monday to Sunday, one day can set up 8 time quantum
- **Email:** Click Email. Once alarm triggers that it will send Email to appointed mailbox
- **Snap:** Click Snap. Once alarm triggers that it will linkage camera to snapshot picture and store it in the TF card
- **Record:** Click Record. Once alarm triggers that it will linkage camera to record video and restore it in the TF card
- **Alarm Output:** Click Alarm Output. There is a active warner connected to the alarm output port. Once alarm triggers that it will linkage embedded relay switch to make alarm output
- **Snap Count:** Set the snapshot image count for every time
- **Snap Interval:** Set the snapshot interval time
- **Enable PTZ:** Enable or disable PTZ function
- **Preset:** When alarm input triggers alarm, it will linkage the presets

After complete all parameters setting, click Save, the settings will take effect immediately

4.19 Alarm Out

IP Camera Alarm Out setting interface as shown in the following figure:

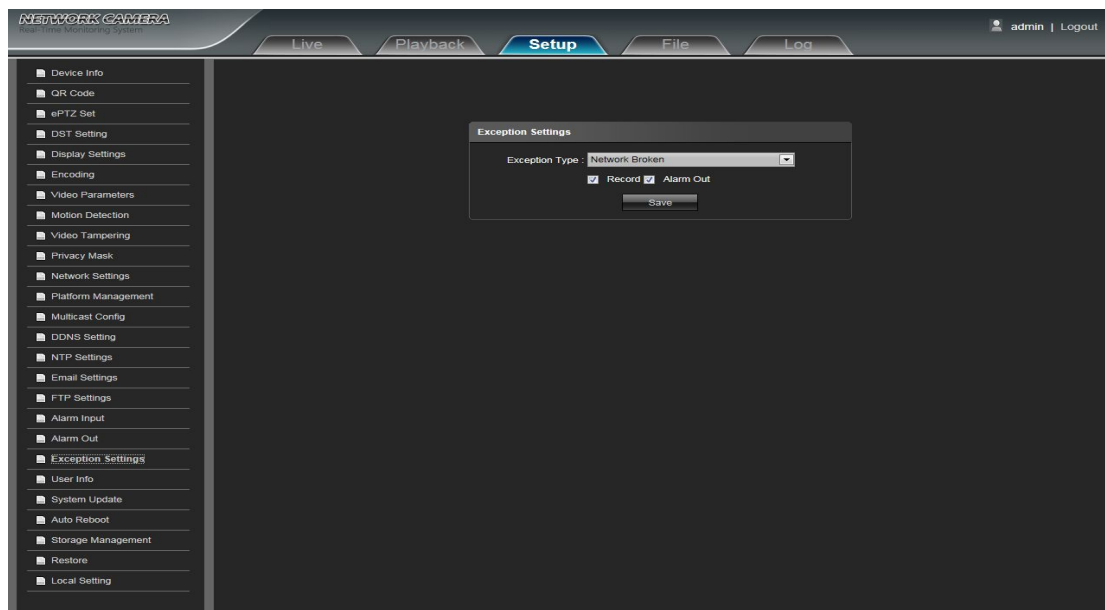


- **Output Relay Status:** Normally Open/ Normally Close selectable
- **Output Delay:** Select the alarm output delay time(when alarm trigger is over, it will output corresponding alarm delay time)

After complete all parameters setting, click Save and the settings will take effect immediately

4.20 Exception Settings

IP Camera Exception Settings interface as shown in the following figure:

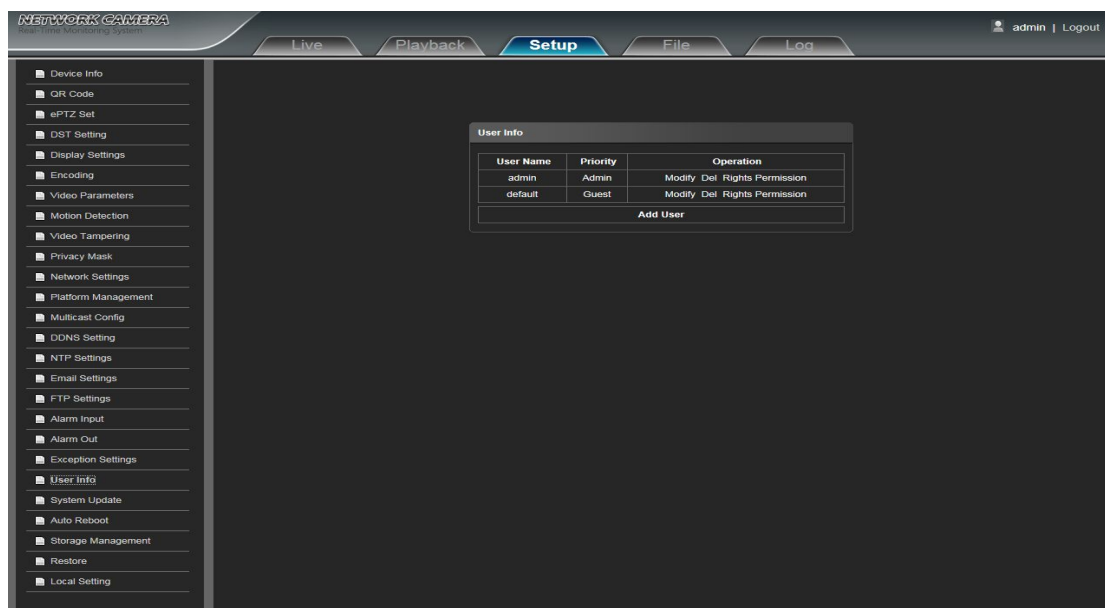


- **Exception Type:** There are Network Broken/ IP Address Conflict/ Illegal Access/ three exception types selectable
- **Record:** Click Record, it will linkage to record video as any exception type triggers
- **Alarm Output:** Click Alarm Output, it will Linkage other alarm devices as any exception type triggers

After complete all parameters setting, click Save and then the settings will take effect immediately

4.21 User Info

IP Camera User Info setting interface as below figure, admin is the administrator (default), default indicates general users.

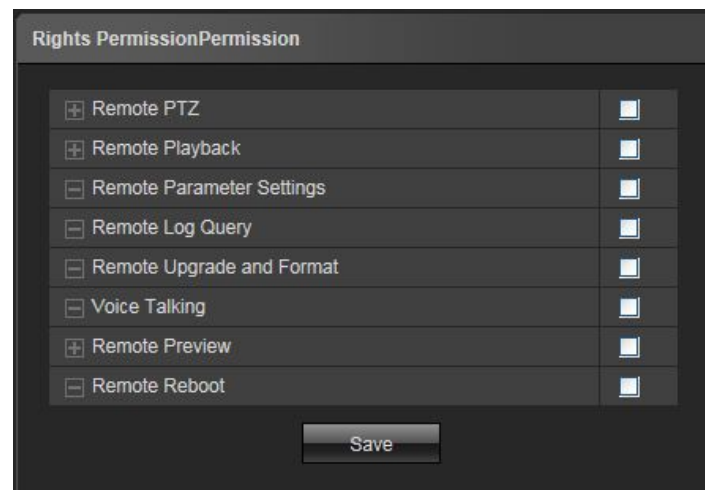


- **Modify:** The admin user can modify the login password, the default guest user can modify user type. While the new

added user can modify user name, login password and user type. Otherwise, the new added user can select Guest/Operator two types, and set the different permission assignment in the Right Permission setting

- **Del:** Delete the new user
- **Rights Permission:** Permission assignment for the default guest user and new user
- **Add User:** Add a new user in need

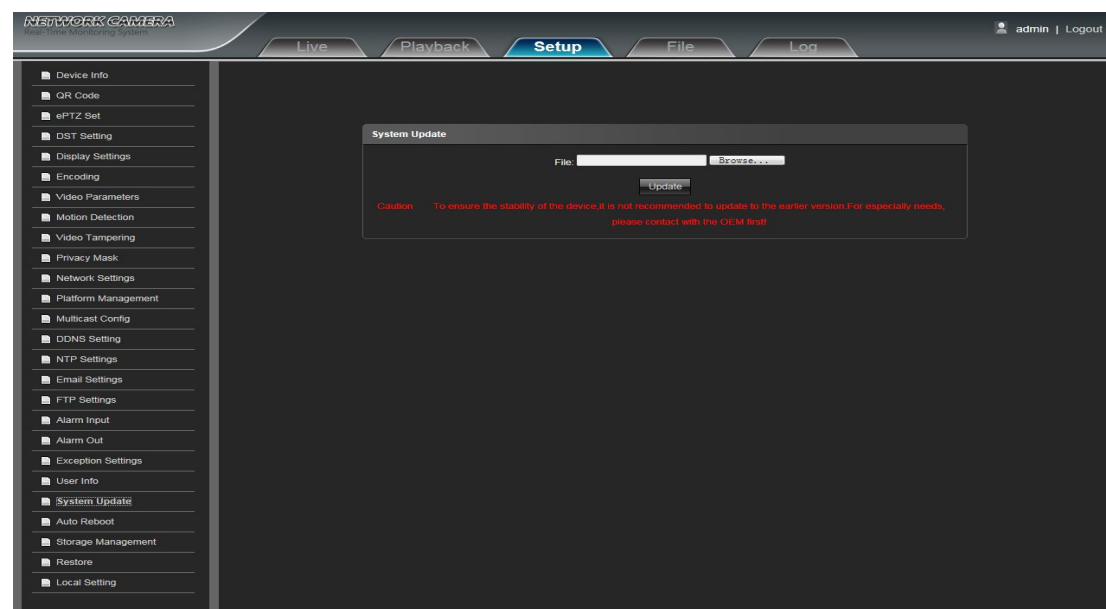
Start up and login permission is accord with default user permission(default), as shown in the following figure:



After complete all parameters setting, click Save and then the settings will take effect immediately

4.22 System Update

IP Camera System Update setting interface as shown in the following figure:



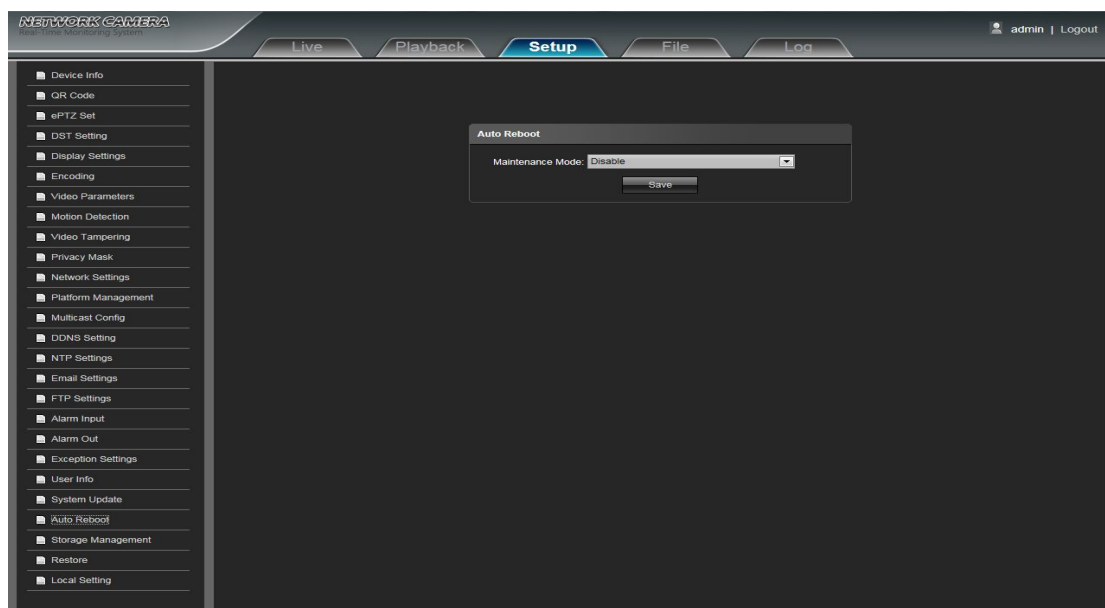
- **File:** Click Browse to find and select the upgrade kit, then click Update.



Non-technician should not try to operate system upgrade, do not cut off the power during upgrade process.

4.23 Auto Reboot

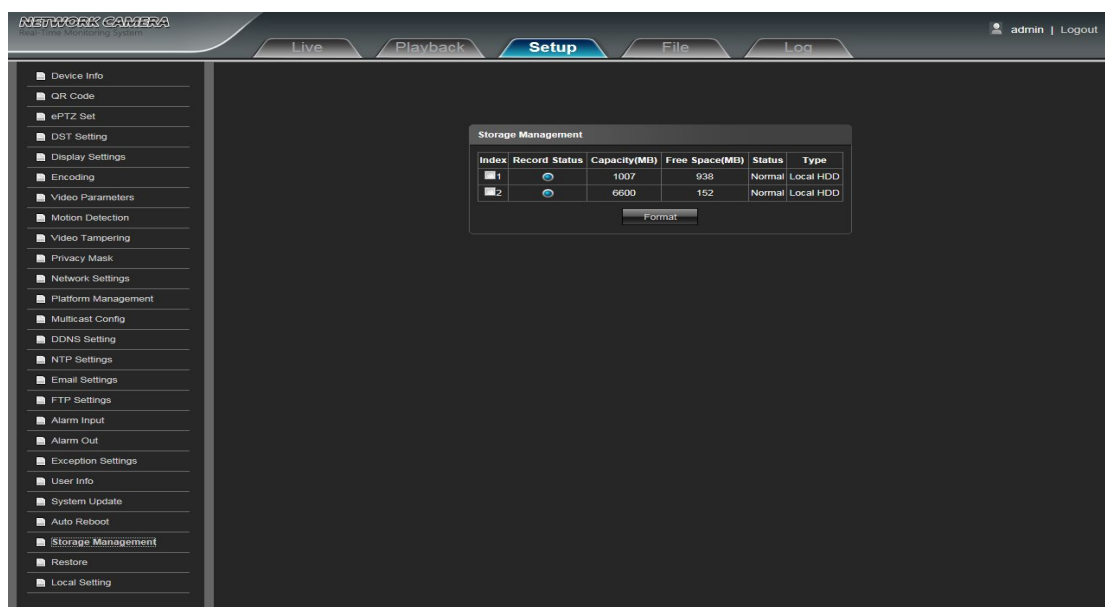
IP Camera Auto Reboot setting interface as below figure. Select Maintenance Mode, there are Disable/ Every Day/ Every Week/ Once four modes optional, then IPC will reboot as appointed mode.



4.24 Storage Management

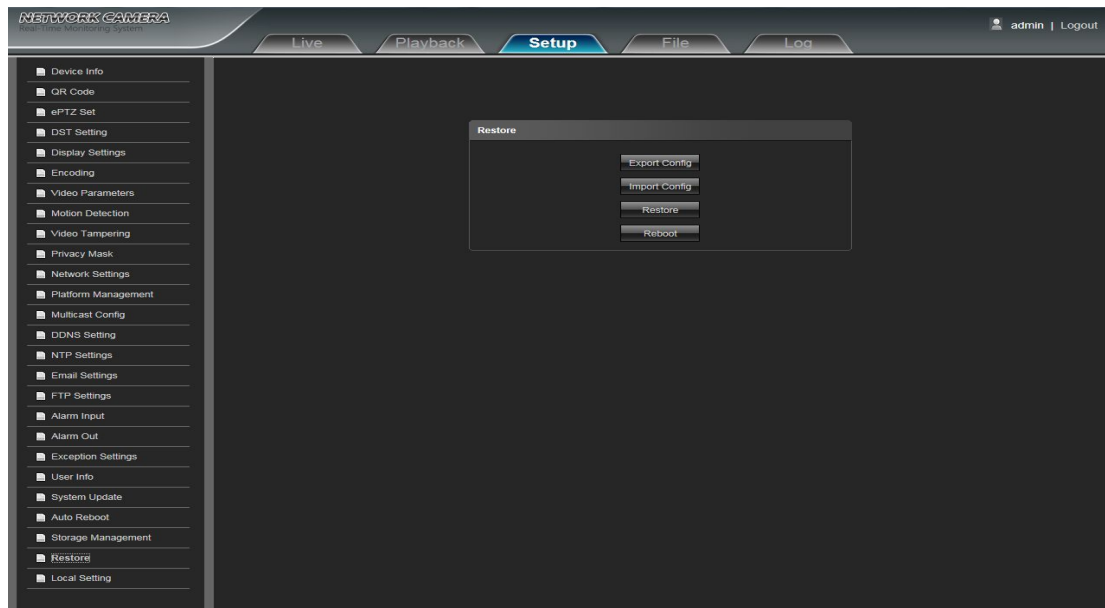
IP Camera Storage Management setting interface as below figure, you can check current TF card Capacity(MB)/ Free Spare (MB)/ Status, and format TF card. As shown in the following figure:

Note: Please turn off the power supply, before you insert or take out the TF card.



4.25 Restore

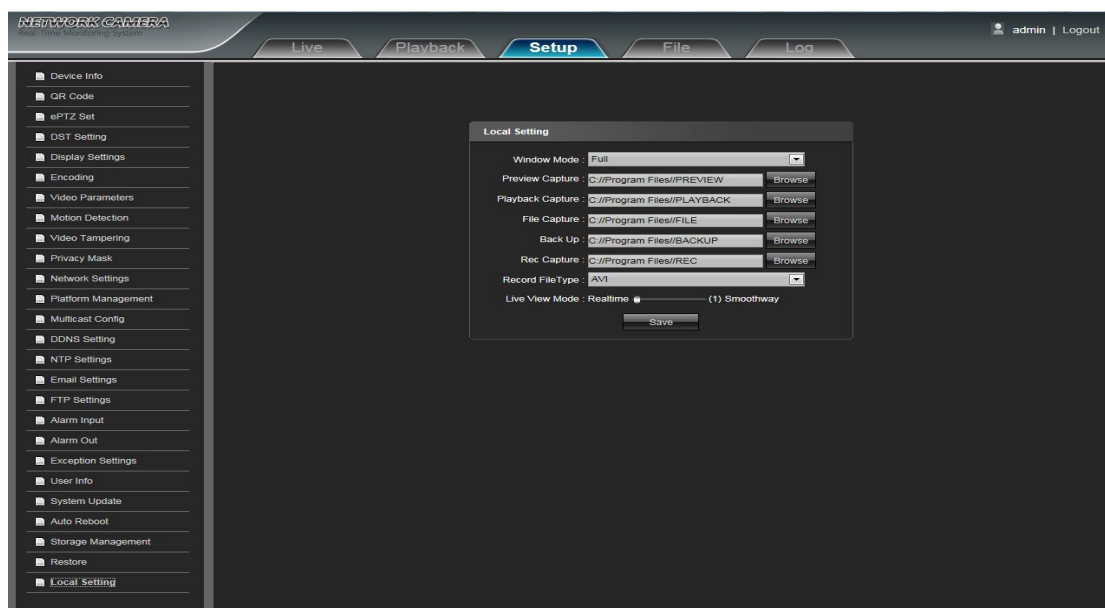
IP Camera Restore setting interface as shown in the following figure:



- **Export:** Export all configurations to PC or USB
- **Import Config:** Import selected configuration to the system
- **Restore:** Restore the factory settings
- **Reboot:** Reboot the device

4.26 Local Setting

IP Camera Local Setting interface as shown in the following figure:



- **Window Mode:** Set the preview window mode(Full/ 4:3/ 16:9/ Original Image optional)
- **Preview Capture:** Select and modify the preview capture file storage path

- **Playback Capture:** Select and modify the video record capture file storage path
 - **File Capture:** Select and modify the file management capture file storage path
 - **Back Up:** Select and modify video record backup file storage path
 - **Rec Capture:** Select and modify the preview interface video record file storage path
 - **Record File Type:** Only AVI format one option for default
 - **Live View Mode:** Realtime/ Smoothway two types selectable, the value of them can be adjustable
- After complete all parameters settings, click Save and then the settings will take effect immediately

5. File Management

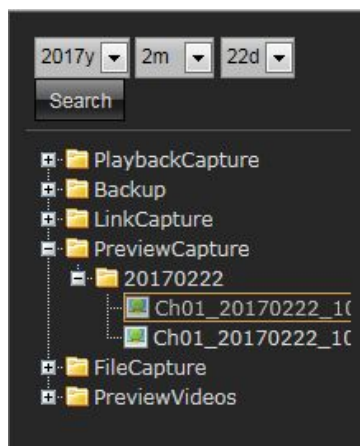
Note: The device need to insert TF card for full function display interface, otherwise, it's for simple type interface.



5.1 Search

Input the concrete time, and click the **Search** button, the lower part displays searched images and videos (double click to display files)

Note: It can modify video or image storage path, and later chapter will make a brief instruction (more details please refer to: Setup → Local Setting)



5.2 Playback Capture

To review video record playback capture files, search and double click the image files directly.

5.3 Backup

To review playback video files, search and double click the video files directly.

5.4 Linkage Capture

To review motion detection, tampering alarm, alarm output, ect. alarm linkage capture files, search and double click the image files directly.

5.5 Preview Capture

To review preview capture files, search and double click the image files directly.








5.6 File Capture

To review capture files in file management, search and double click the image files directly.

5.7 Preview Videos

To review preview interface video record files, search and double click the video files directly.

5.8 Backup Video Play

- **Start:** Click  button to play the backup video image file
- **Stop:** Click  button to stop the play
- **Slow:** Click  button to slow play the backup video image file
- **Fast:** Click  button to fast play the backup video image file
- **Frame:** Click  button to play the backup video image file by frame
- **Capture:** Click  button to snap the backup video image during display
- **Voice:** Click  button to select turn on/ off the voice during backup video image display

6. Log

Click Search on the Log interface, check device log according to the video type and date time, as shown in the below figure:



- **Main Type:** Select the log type to check. There are All/ Alarm/ Exception Settings/ Operation / Setup optional, or click **All** to check all types of them
 - **Start Time/ End Time:** Select the time quantum of log to check
 - **Page Num:** Select the log number of each page to display on the interface
- After finishing all settings above, click Search and then the log information will display on the left blank area

7. Exit

Click Logout to log out, as shown in the following figure:

