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Attention

■ After the network camera is installed, you need to configure the functions and set the parameters. You can configure the related functions through the browser. Please refer to the actual product, and the manual is for reference only.

■ The instructions and procedures will be updated in real time according to the product, and there will be no further notice if there is an upgrade.

■ The manual may contain technical inaccuracies or inconsistencies with product functions and operations. The company's final interpretation shall prevail.

■ When installing, be sure to turn off the power of all related equipment.

■ After receiving the product, please open the packing box, take out the equipment, and confirm the packed products and accessories according to the packing list in the box.

■ Please modify the user's default password in time after the device is controlled to avoid being stolen.

■ Please keep the equipment installed horizontally, or install it in a stable place, and take care to prevent the product from falling.

■ When cleaning the device, please unplug the power cord and cut off the power completely.

■ When installing outdoors, please pay attention to the Waterproofness of the equipment Housing.

This manual may contain technical inaccuracies, and its content will be updated regularly without notice; the updated content will be added to the new version of the user manual.

IP Research and Login

1. IP Research and Modify

Open “🔍” tool to show as Figure 1.0, select “IPC” then click “Refresh” to search the device IP address--Select the IP address that needs to be modified--then input the default password: admin to complete the modification;

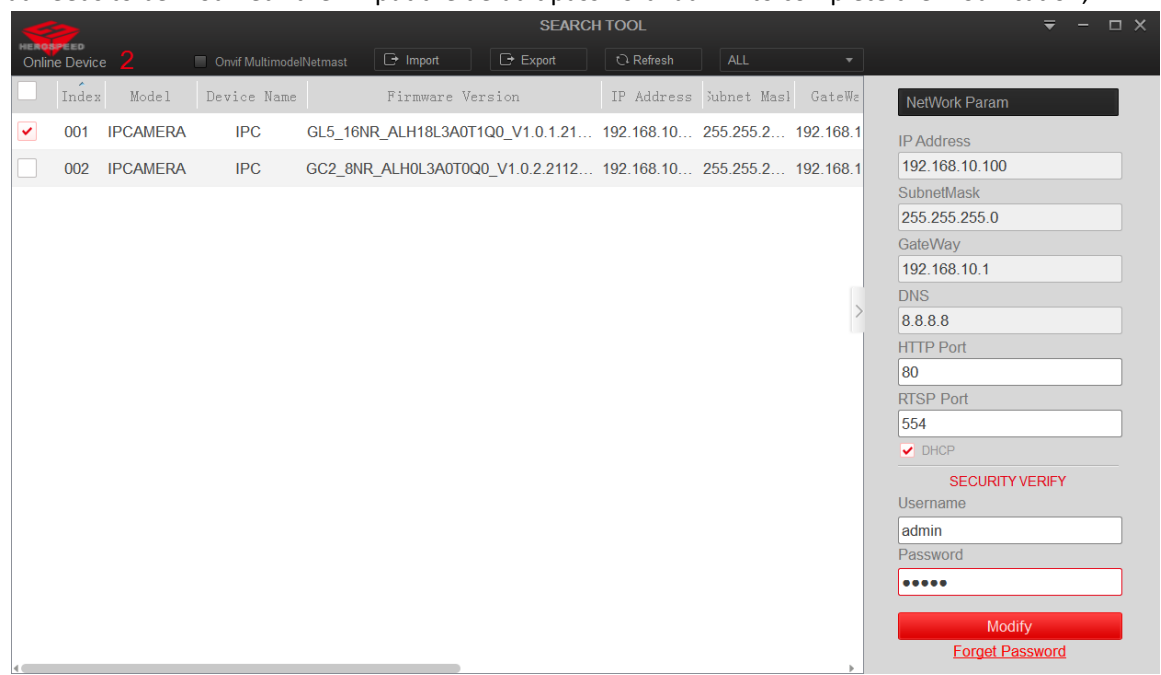


Fig 2.0

Selected Device: 1 Failed: 0				
Index	Device Type	IP Address	MAC	State
001	IPCAMERA	192.168.1...	2C:6F:51:19:12:DB	Modify Success

Fig 2.1

Note: The factory default user of the network camera is [admin], and the user password is [admin].

2.Install plugin

After all devices connection and network setting done, user can access to the Web login interface by enter device IP address in browser address bar, while Plug-in is required to install for first visiting. If the PC has installed same version Plug-in, directly enter the login interface, shown as below Fig 2.1.

For first login, please click to download and install the plug-in. The user will get the plug-in installation of LsModulePlugin, then download and click the [Run] button to install, after the installation is completed, close the IE and reopen it, enter the IP address to login.

[Please click here to download and install the plugin](#)

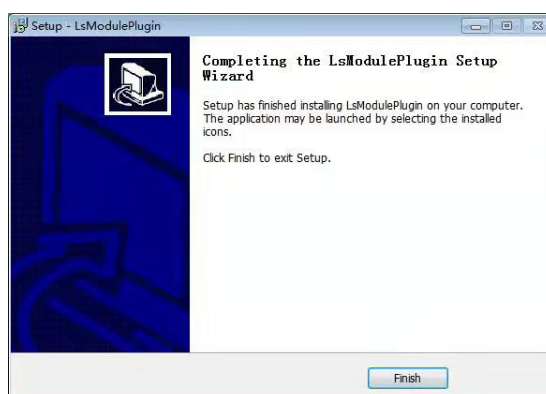
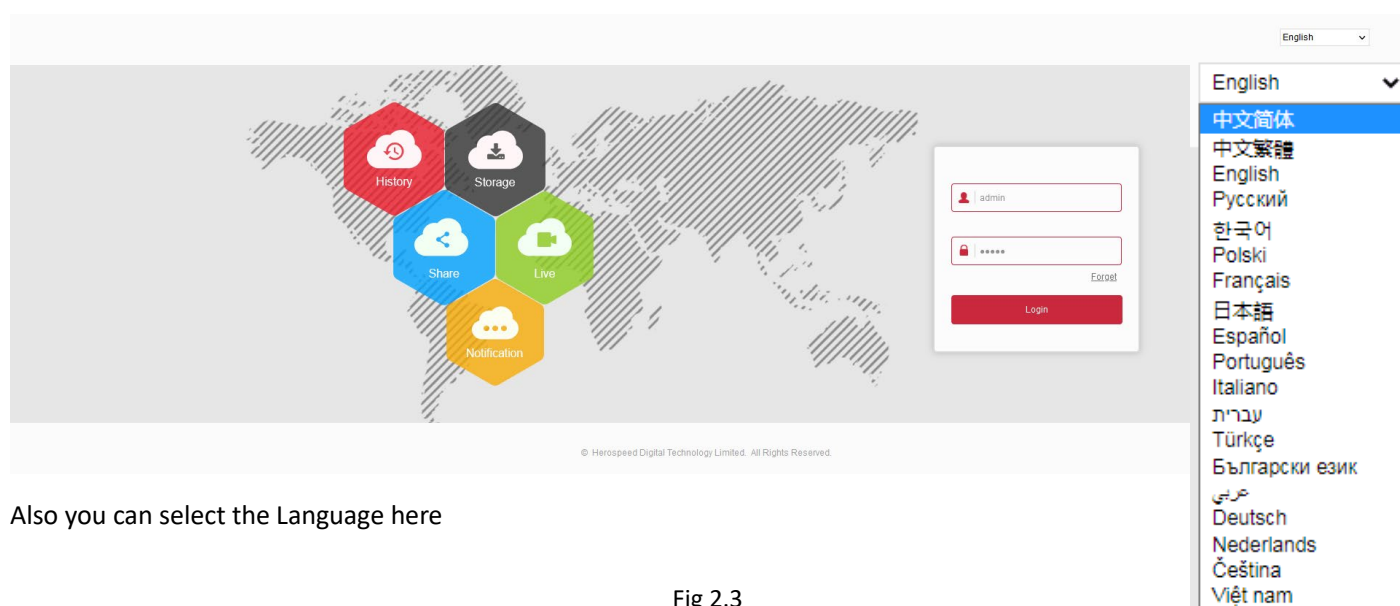


Fig 2.2

After the installation is completed, reopen IE and enter the device IP address, then the login page will appear.

Note: The factory default user of the network camera is [admin], and the user password is [admin].

After clicking login, the prompt as shown in Fig 2.3, and then clicking “Modify after 60 minutes” will display the video interface as shown in Fig2.4. please try to setup the password details as the Fig2.5 and Fig 2.6 show.



Also you can select the Language here

Fig 2.3

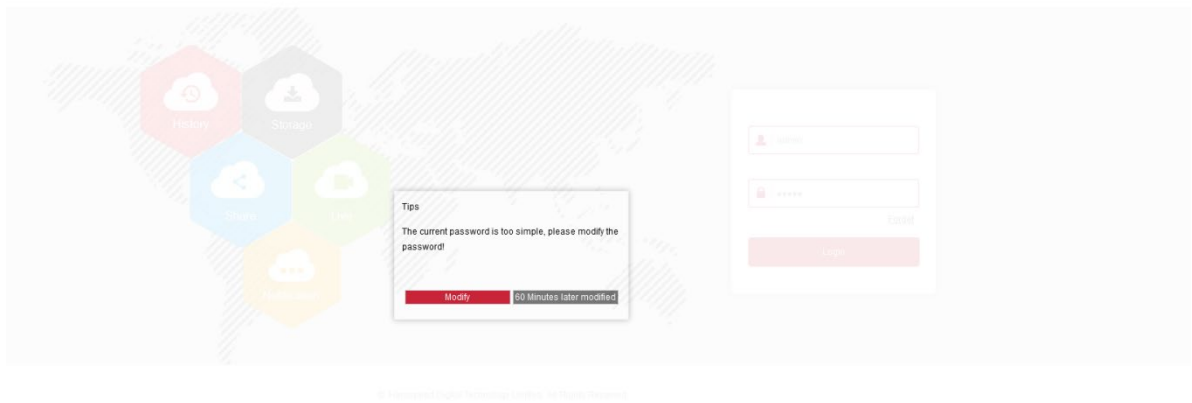


Fig 2.4

IP Camera

Configuration

System

User Management

Security

Users to edit

User Name

admin

User Type

Admin

Old Password

☐ Modify Password

Password

Confirm Password

☐ Do you want to set a new security question

Security issue1

Answer1

Security issue2

Answer2

Security issue3

Answer3

key export

If you forget the security problem and don't have the key file, you need to return the equipment to the factory

Save

Fig 2.5

IP Camera

Configuration

System

User Management

Security

Users to edit

User Name

admin

User Type

Admin

Old Password

☒ Modify Password

Password

Weak

The length of the password is 8 to 31 digits, and only two or more combinations of numbers, lowercase letters, uppercase letters, and special characters (~!@#%&'*~_~=[\;/?) can be used

Confirm Password

☒ Do you want to set a new security question

Security issue1

What is the family name of your favourite b

Answer1

111

Security issue2

What is the model of your first car?

Answer2

222

Security issue3

Where did your parents know each other?

Answer3

333

key export

If you forget the security problem and don't have the key file, you need to return the equipment to the factory.

Save

Fig 2.6

Live View

Enter the IP address in the IE address bar, and preview the device after logging in

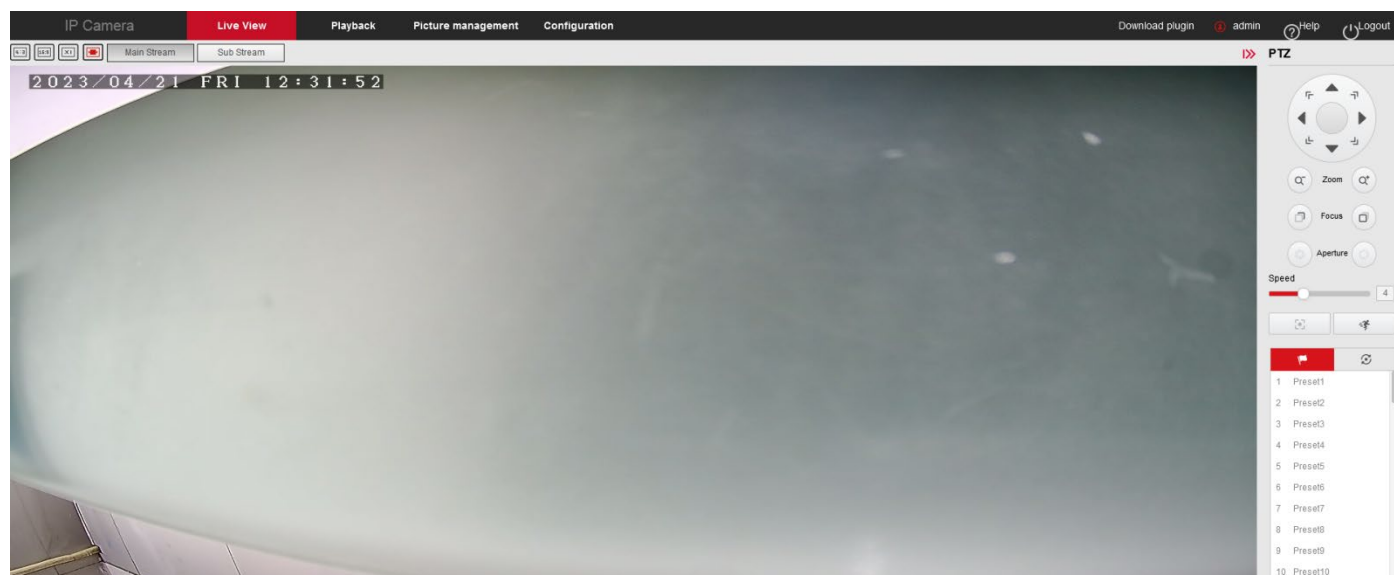


Fig 3.0

1. Browser icon function key

	Admin		Download Plugin		Help
--	-------	--	-----------------	--	------



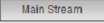
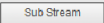





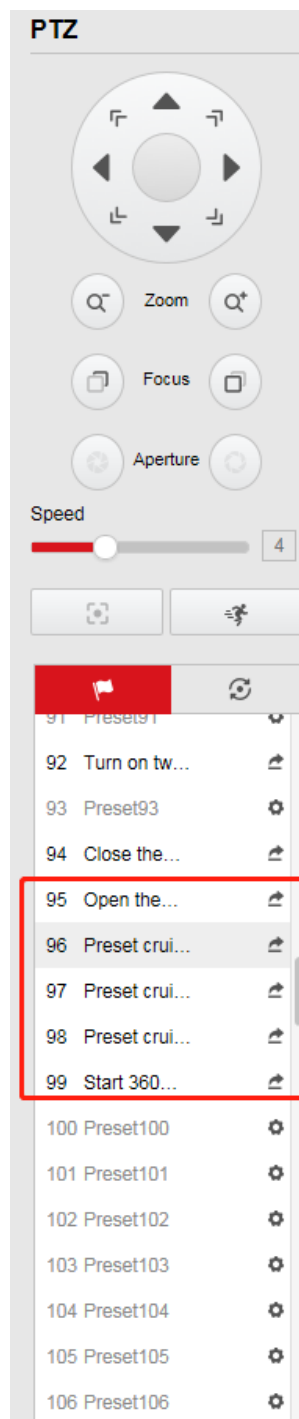
	Logout		Aspect ratio	 	Select the Main /Sub Stream
	Play/Stop		Mic-phone		Snapshot
	Record	<input type="checkbox"/> Turn on/Sound off	Audio		3D Digital Zoom

Fig3.1

2. PTZ Control

1. Adjust the Rotation in all Directions
2. Zoom in/out
3. Focus+/Focus-
4. Iris+/Iris-
5. Setup the Preset
6. Running the Preset
7. Setup the Camera running Step
8. Open/Close the Human Auto tracking
9. The short-cut command preset with the camera



Local playback



Fig4.0

This page can only play back the video on the computer (you need to use the [real-time preview] page --- [recording button] recorded video).

Select the time, click the query button to find the video file, and double-click the list file to play it.

Picture Management

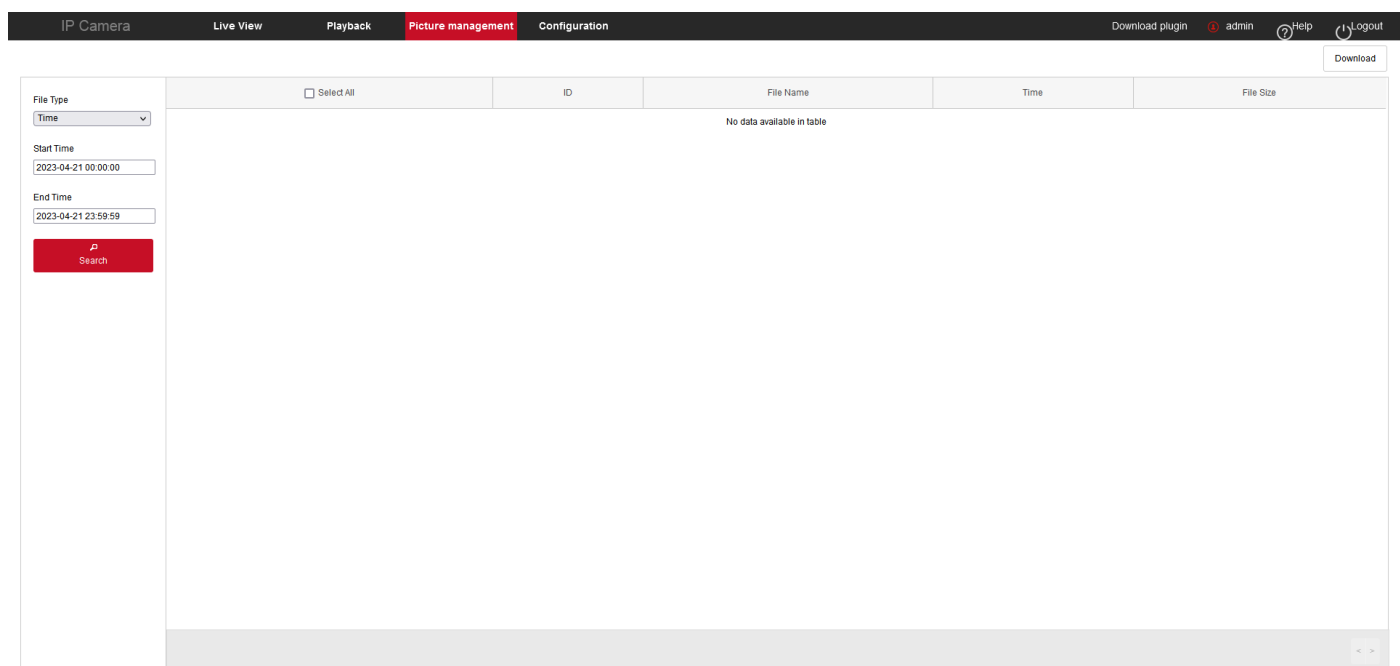


Fig5.0

Config

1. Local Setting

The screenshot shows the 'Configuration' page of an IP camera web interface. The top navigation bar includes 'IP Camera', 'Live View', 'Playback', 'Picture management', and 'Configuration' (which is highlighted). On the right of the top bar are links for 'Download plugin', 'admin', 'Help', and 'Logout'. A left sidebar contains a tree view with 'Local Configuration' selected, and sub-items: 'System', 'Storage', 'Network', 'Video', 'Image', and 'Events'. The main content area is titled 'Local Configuration' and contains several sections: 'Record File Settings' with fields for 'Save record files to' (C:\Users\Administrator\IPC\Record) and 'Save downloaded files to' (C:\Users\Administrator\IPC\Download), each with a 'Browse' button; 'Picture and Clip Settings' with fields for 'Save capture files in live view to' (C:\Users\Administrator\IPC\Capture), 'Save capture files when playback to' (C:\Users\Administrator\IPC\Playback\Pics), and 'Save clips to' (C:\Users\Administrator\IPC\Playback\Files), each with a 'Browse' button; 'Export param' with an 'Export parameter path' field and an 'Export file' button; 'Import param' with an 'Import parameter path' field and an 'Import file' button; and a red 'Save' button at the bottom.

Fig6.1

Local Disk: Select the storage disk location.

Recording save path: the location where the recording file generated when the recording button is clicked on the real-time preview page is saved.

Snapshot save path: the location where the video file generated when the snapshot button is clicked on the real-time preview page is saved.

Video format: Set the saved video format.

Video duration: Set the maximum duration of each video file.

2. System

2.1 System Config

2.1.1 Device information

This page displays some detailed parameters of the device, and the display will be different depending on the device model, please refer to the specific device.

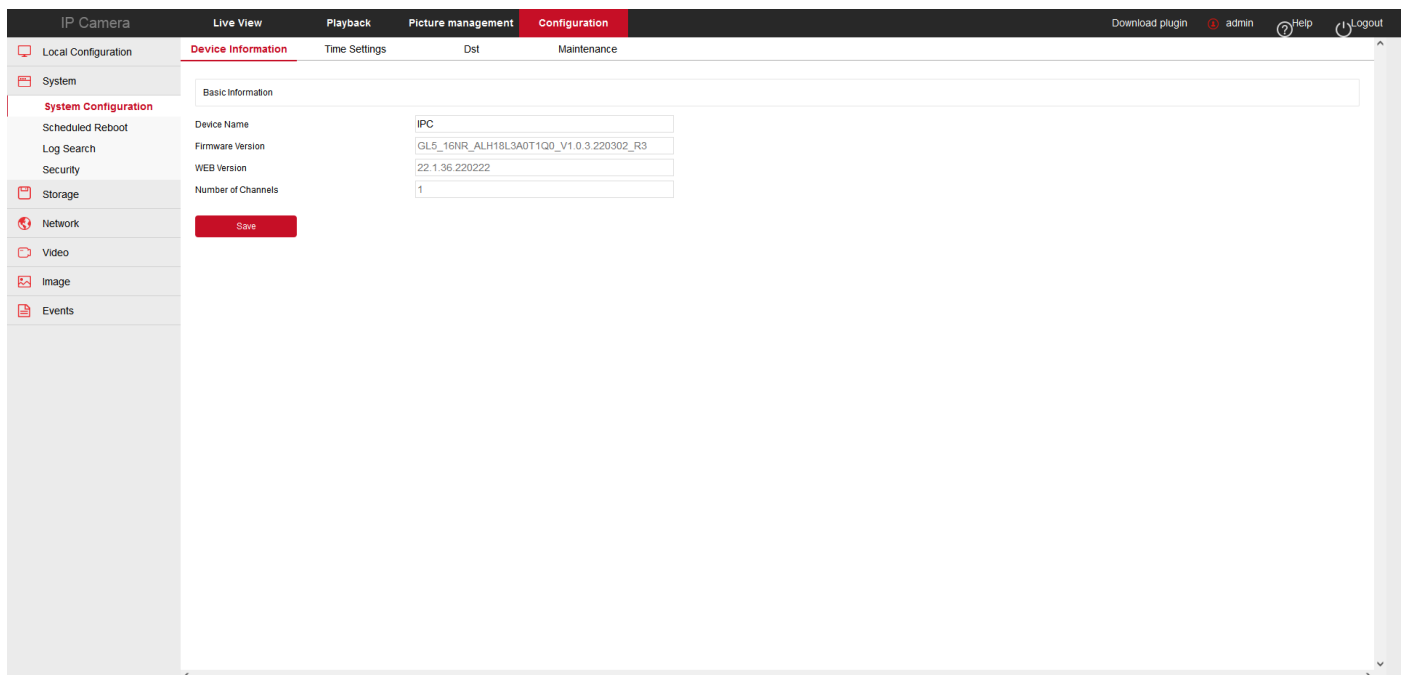


Fig6.2

2.1.2 Time Setting

Set the format of the date and time, and set the NTP time synchronization parameters. The date and time format will be directly reflected on the OSD.

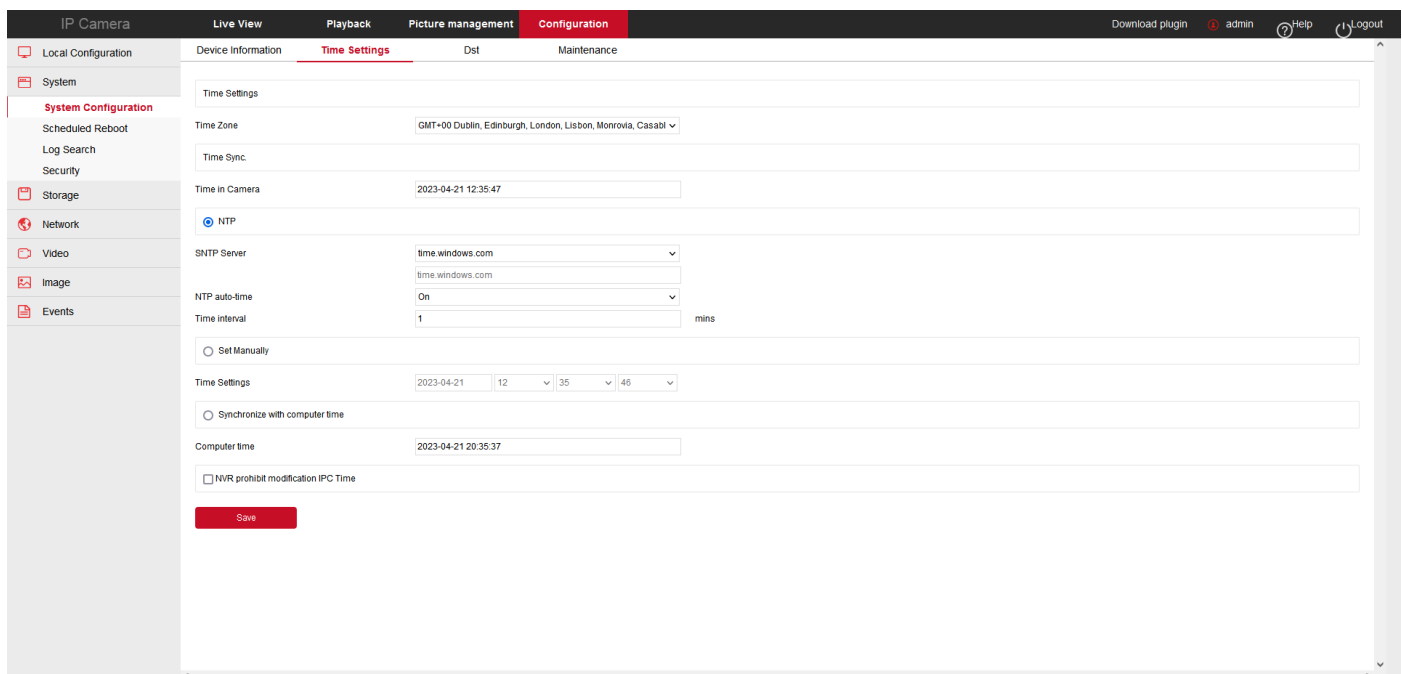


Fig6.3

2.1.3 DST

Users can enable or disable the daylight saving time function according to the time in their area.

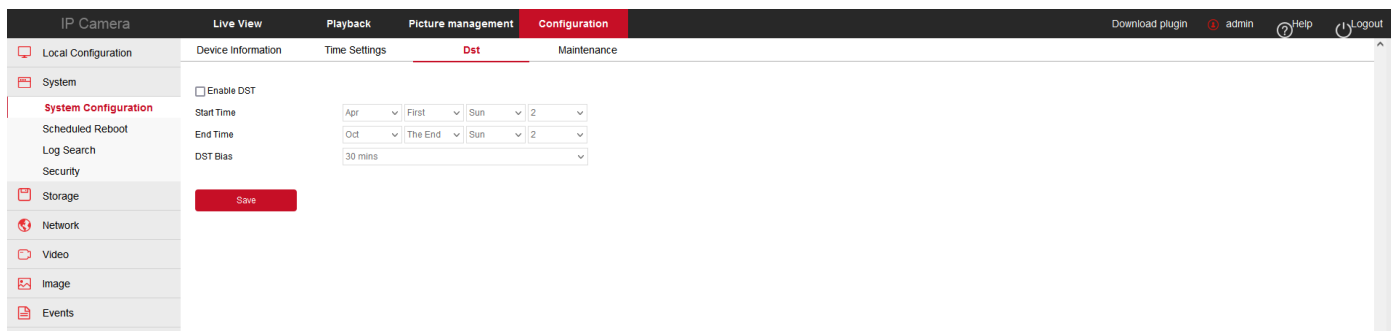
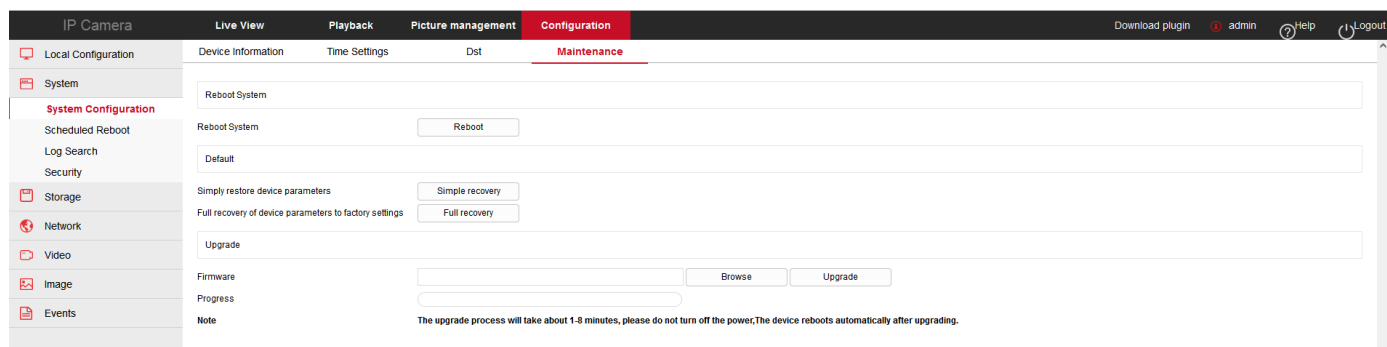


Fig6.4

2.1.4 Maintain



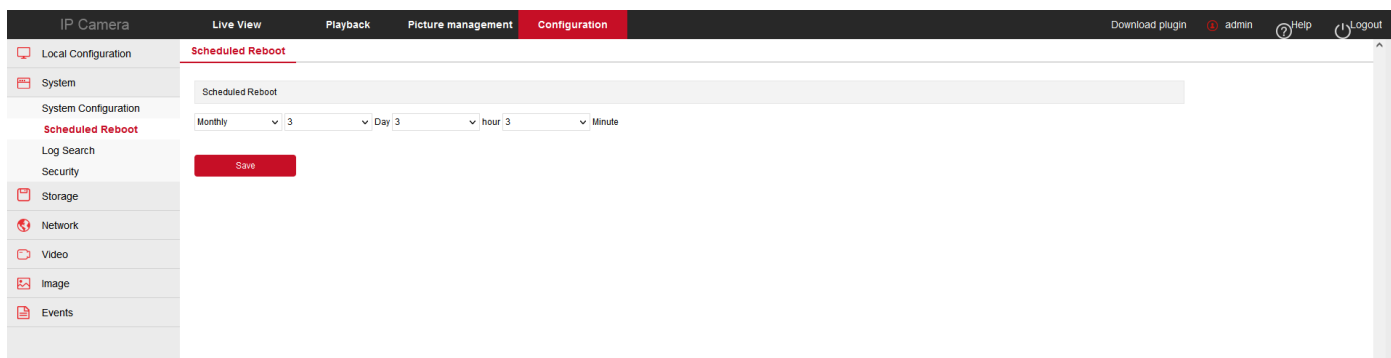
Reboot System: The device restarts once.

Simple Recovery: Keep the network parameters and user settings without restoring the defaults.

Full Recovery: All the device settings are restored to the factory state.

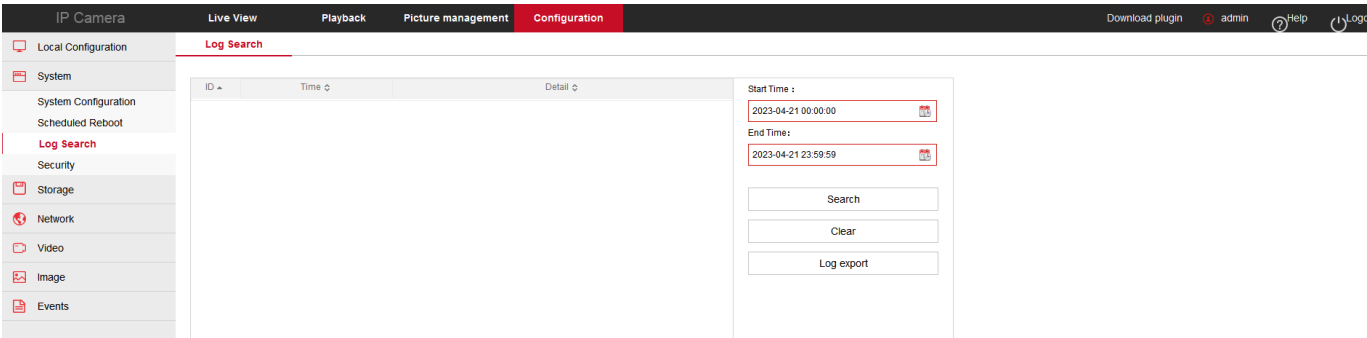
Click the [Browse] button, find the upgrade package and double-click it. Then click the [Upgrade] button to upgrade.

2.2 Schedule Reboot



You can set the cycle time for automatic maintenance of the device, and after the setting, the device will automatically perform maintenance when it expires.

2.3 Log Search



2.4 Security

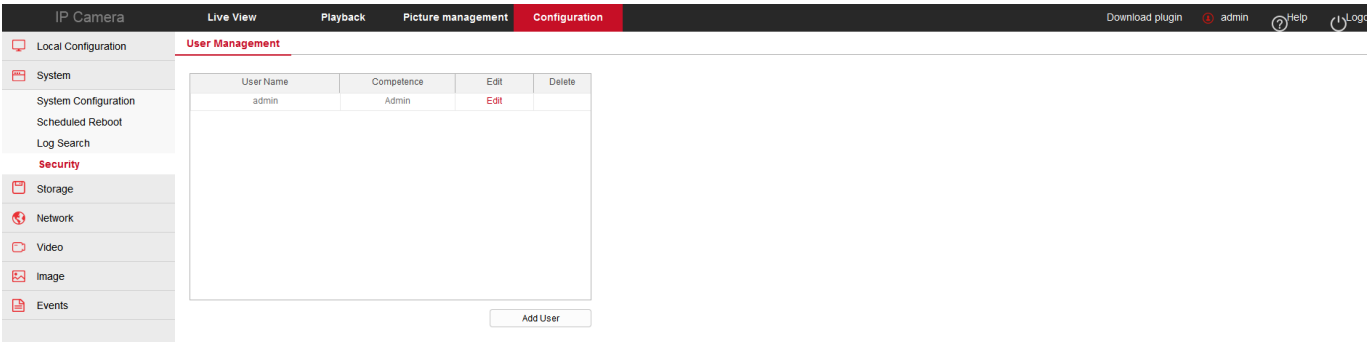


Fig6.2.1

Enable and disable users. Modify the login user name and password,

3. Network Config

3.1 Basic Config

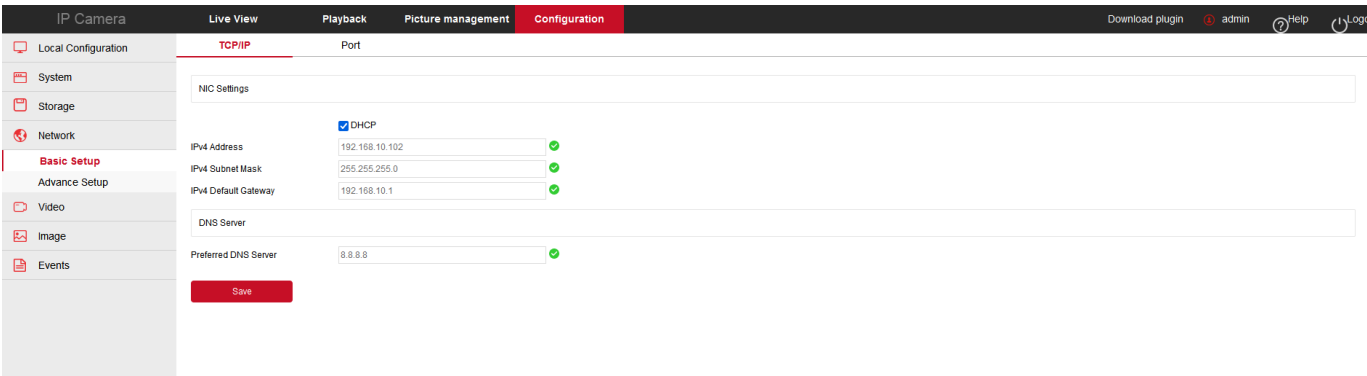


Fig6.3.1

IP Camera | Live View | Playback | Picture management | **Configuration** | Download plugin | admin | Help | Logout

Local Configuration | System | Storage | Network | **Basic Setup** | Advance Setup | Video | Image | Events

TCP/IP | **Port**

Port

HTTP Port: 80
RTSP Port: 554
HTTPS Port: 443
BITVISION Port: 8000

Protocol Port

ONVIF Port: 8999 ☒ ONVIF Protocol Enable
HIK Port: 8000 ☒ HIK Protocol Enable
XM Port: 34567 ☐ XM Protocol Enable

Save

Set to【DHCP】The camera obtains IP from DHCP server. When set to【Manually set IP】, the lower IP address, sub-net mask and gateway can be set manually.

HTTP Port: HTTP visit Port

Signaling Port: Camera signaling port.

Data Port: Camera data port.

Note: If you log in to the camera WEB page after the HTTP port is changed, you need to enter http://IP: http port to log in
It is not recommended to modify the signaling port and data port.

3.2 Advance Config

3.2.1 DDNS

IP Camera | Live View | Playback | Picture management | **Configuration** | Download plugin | admin | Help | Logout

Local Configuration | System | Storage | Network | Basic Setup | **Advance Setup** | Video | Image | Events

DDNS | FTP | SMTP | P2P | Other | RS485 | PPPOE

DDNS

☐ DDNS
DDNS Type: Oray
Site Name:
DDNS User:
DDNS Password:
Confirm Password:

Status: Login failed
Service Type: Ordinary User
Links to service providers: [Oray DDNS to apply](#) [Oray DDNS to help](#)

Save

Fig6.3.2

The default is disabled.

This item can only be used after registering the user name and password at the corresponding DDNS server address and applying for a domain name.

After the application is completed, enter the applied domain name, user name and password, and the device will automatically connect to the DDNS server.

3.2.2 FTP Setting

IP Camera | Live View | Playback | Picture management | **Configuration** | Download plugin | admin | Help | Logout

Local Configuration | DDNS | **FTP** | SMTP | P2P | Other | RS485 | PPPOE

System | Storage | Network | Basic Setup | **Advance Setup** | Video | Image | Events

FTP

FTP Server: 192.168.1.1 [Test]

Port: 21

User Name: admin ☐ Anonymous

Password: *****

Confirm Password: *****

Storage first level directory: 192.168.10.102

Storage secondary directory: English * Select the language to create the secondary directory

☐ AutoCover

Image Format: JPEG

[Save]

Fig6.3.4

The default is disabled.

This page is used to connect to the FTP server. After FTP upload is associated in [Alarm Settings] ---- [Motion Detection] or [Alarm Input], once triggered, the device will upload pictures and videos to FTP according to the settings on this page server.

After the configuration is complete, you can click the [Test] button to test whether the test is successful.

3.2.3 SMTP Setting

IP Camera | Live View | Playback | Picture management | **Configuration** | Download plugin | admin | Help | Logout

Local Configuration | DDNS | FTP | **SMTP** | P2P | Other | RS485 | PPPOE

System | Storage | Network | Basic Setup | **Advance Setup** | Video | Image | Events

PPPOE

☐ PPPOE

Device Dynamic IP: 0.0.0.0

User Name:

Password: *****

Confirm Password: *****

[Save]

3.2.4 P2P Setting

IP Camera | Live View | Playback | Picture management | **Configuration** | Download plugin | admin | Help | Logout

Local Configuration | DDNS | FTP | SMTP | **P2P** | Other | RS485 | PPPOE

System | Storage | Network | Basic Setup | **Advance Setup** | Video | Image | Events

☒ IVS365

680174
Android & IOS APP

Connection Status: P2P connection successful

[Save]

Fig5.3.7

This page displays the P2P ID of the camera.

3.2.5 Other

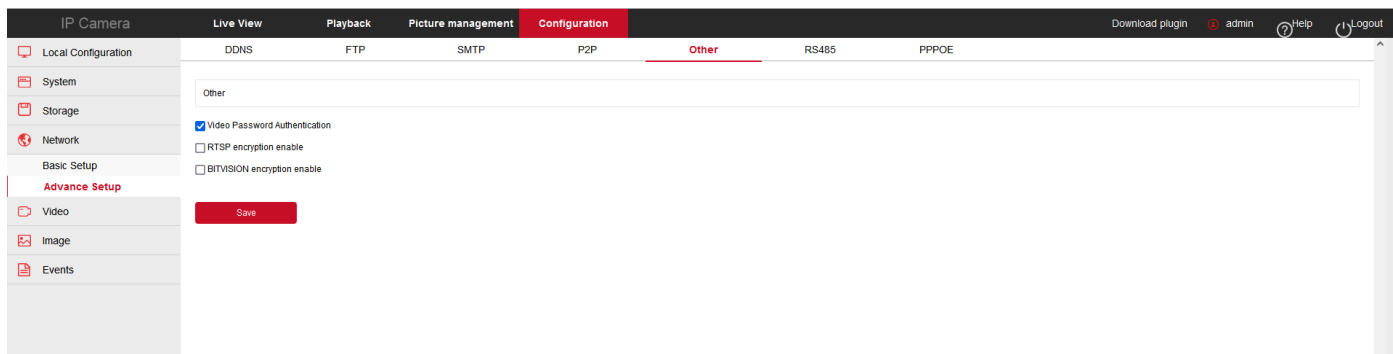


Fig6.3.6

Would Enable the RTSP and Video Password Authentication here.

3.2.6 RS485 Setting

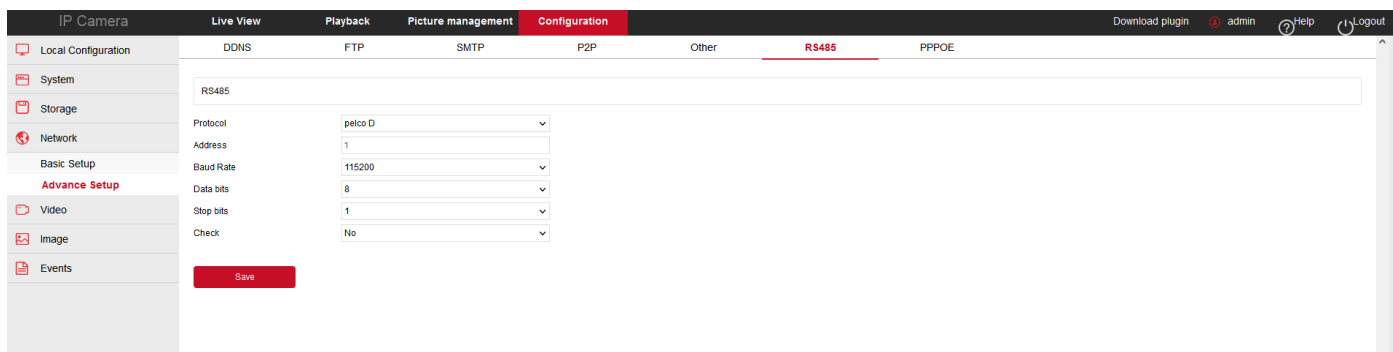


Fig5.3.5

Seupt the PTZ parameters, baud rate, and PTZ protocol parameters of the device for connecting to the PTZ device.

3.2.7 PPPoE

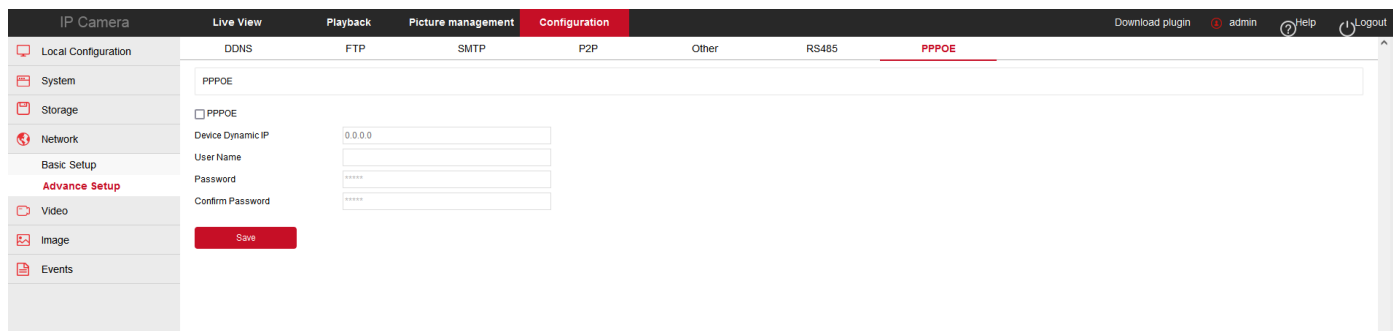


Fig6.3.3

The default is disabled.

This function is used for the device to directly dial up to access the Internet.

To enable this function, enter the account and password provided by the broadband operator, and click Save.

4. Video

4.1 Video Setting

The screenshot shows the 'Configuration' page of an IP camera web interface, specifically the 'Video' tab. The left sidebar contains a menu with options: Local Configuration, System, Storage, Network, Basic Setup, Advance Setup, Video (selected), Audio, Image, and Events. The main content area is titled 'Video' and contains the following settings:

Parameter	Value
StreamType	Main Stream
Video Encoding	H.265
Resolution	2592x1944
Framerate	20 fps
Bit Rate	4096
Rate Control	VBR
I-Frame Interval	75
H265+	Off
Watermark	Off
Watermark name	

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

Fig6.4.1

Stream type: Setup the camera's main stream and sub stream parameters.

Video encoding: The code stream can be set to H.264, MPEG4, MJPEG and H.265 encoding, which can be set according to the actual situation. The video encoding type is subject to the specific device.

Resolution: Setup the resolution parameters displayed by the camera.

Frame rate: Represents the number of frames per second of the video, and sets the frame rate parameters displayed by the camera.

Bit rate/quality: When it is set to [Constant Bit Rate], this item is the bit rate, and the bit rate parameters can be set; when it is set to [Variable Bit Rate], this item is the image quality, with high, medium, and low image quality options.

Rate control: Supports constant bit rate and variable bit rate. Constant means to transmit at the set fixed bit rate, and variable bit rate means to change by itself without exceeding the upper limit of the bit rate.

Note: The number of auxiliary streams and video encoding formats of different devices are different, please refer to the specific device.

4.2 Audio Setting

The screenshot shows the 'Configuration' page of an IP camera web interface, specifically the 'Audio Configuration' tab. The left sidebar contains a menu with options: Local Configuration, System, Storage, Network, Basic Setup, Advance Setup, Video, Audio (selected), Image, and Events. The main content area is titled 'Audio Configuration' and contains the following settings:

Parameter	Value
Audio enable	<input checked="" type="checkbox"/>
Audio input	Mic input
Audio Output	Built-in
Audio Encode	G711U
Volume	
Input volume	50
output volume	50

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

Fig6.4.2

This page is used to set audio parameters, select device audio input type and audio format.

Audio input type: [Microphone] stands for passive audio input, [Linear input] stands for active audio input.

Audio format: G.711U

Input volume: Setup the audio input volume level.

Output volume: Setup the audio output volume level.

Note: Different equipment options are different, please refer to the specific equipment.

5. Image

5.1 Image setting

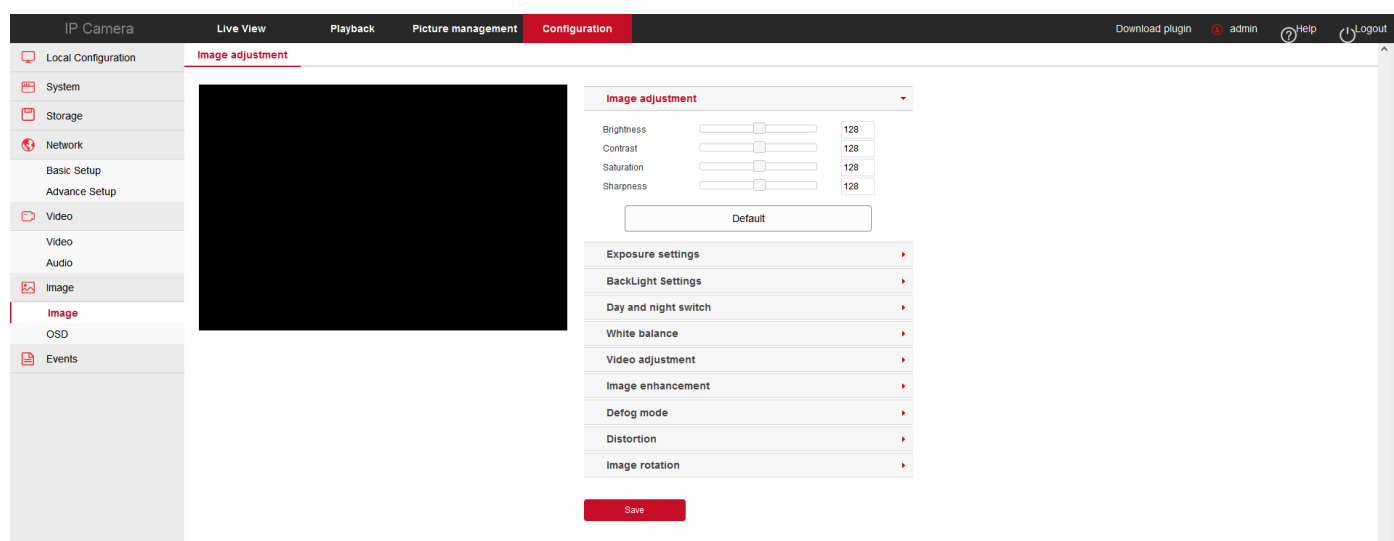


Fig6.5.1

This page can be set according to the IPC image parameters, click save after adjustment

Note: It will take effect immediately after setting. The options on this page may be different for different devices, please refer to the specific device.

5.2 OSD Setting

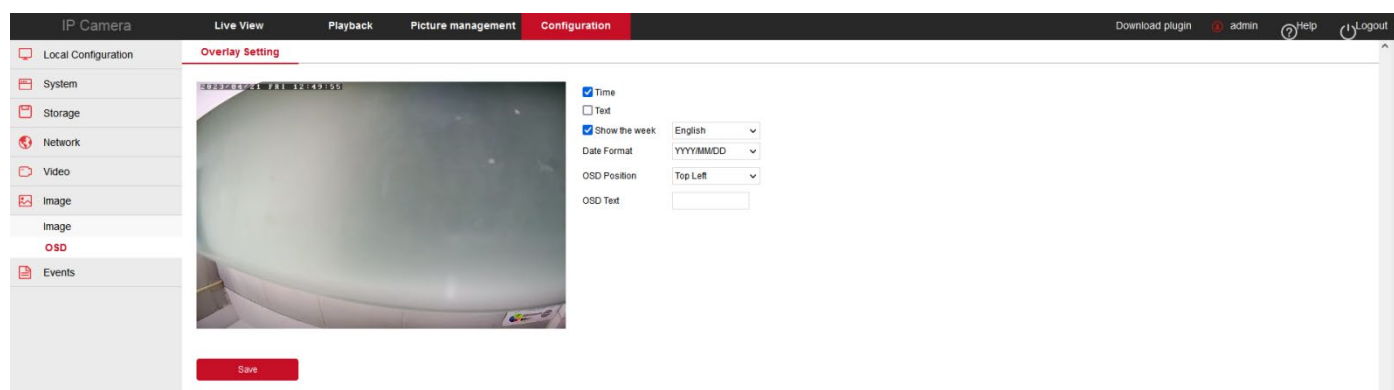


Fig6.5.2

OSD: The default is IPC, and users can customize settings.

Show channel name: After enabling, the channel name (OSD setting value) will be displayed in the upper left corner of the preview page

Display time: When enabled, the time is displayed in the upper right corner of the preview page

Note: The IPC and time on the page can be directly dragged, and after setting, click save to save.

6. Events

6.1 Ordinary Event

6.1.1 Motion Detection

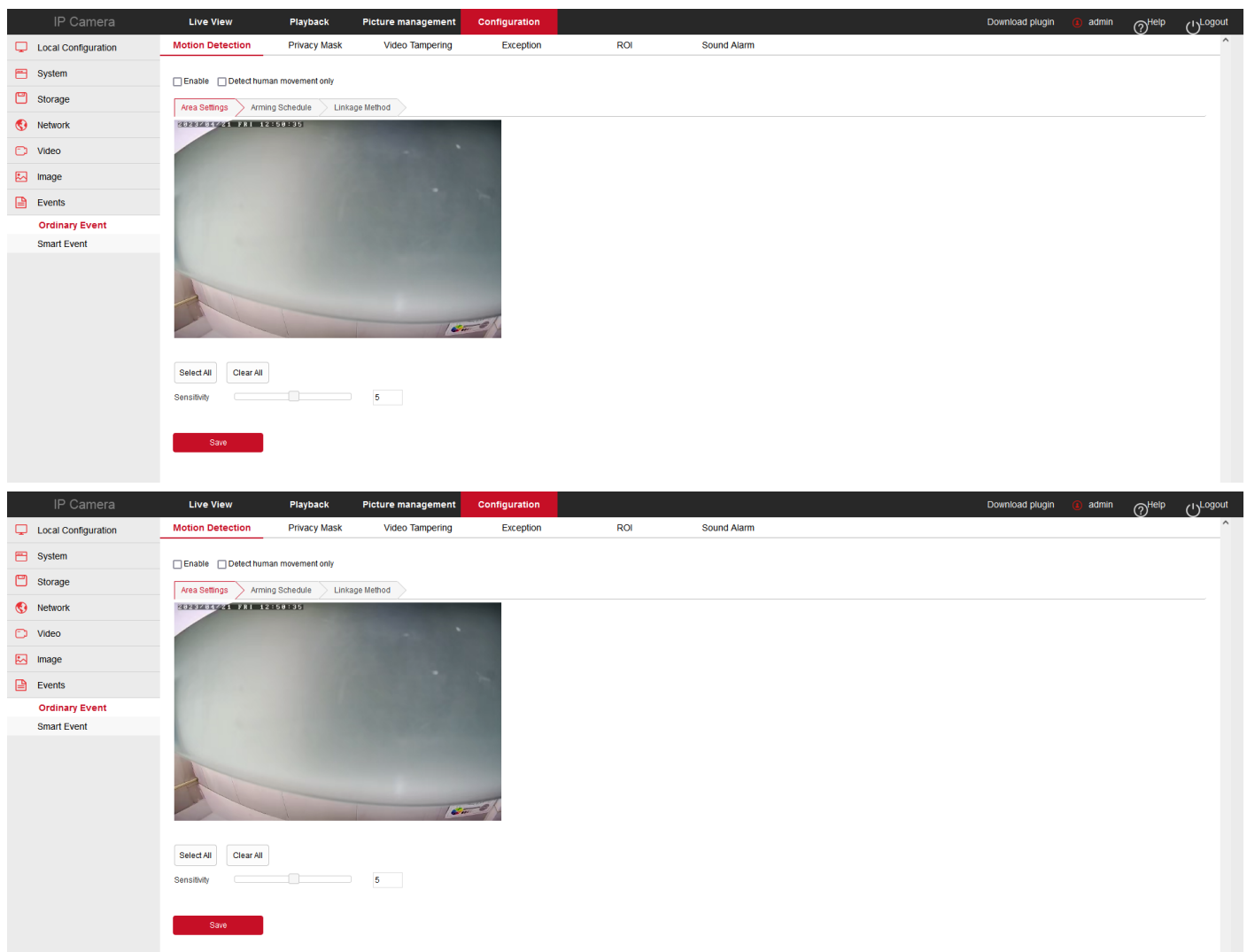


Fig6.6.1

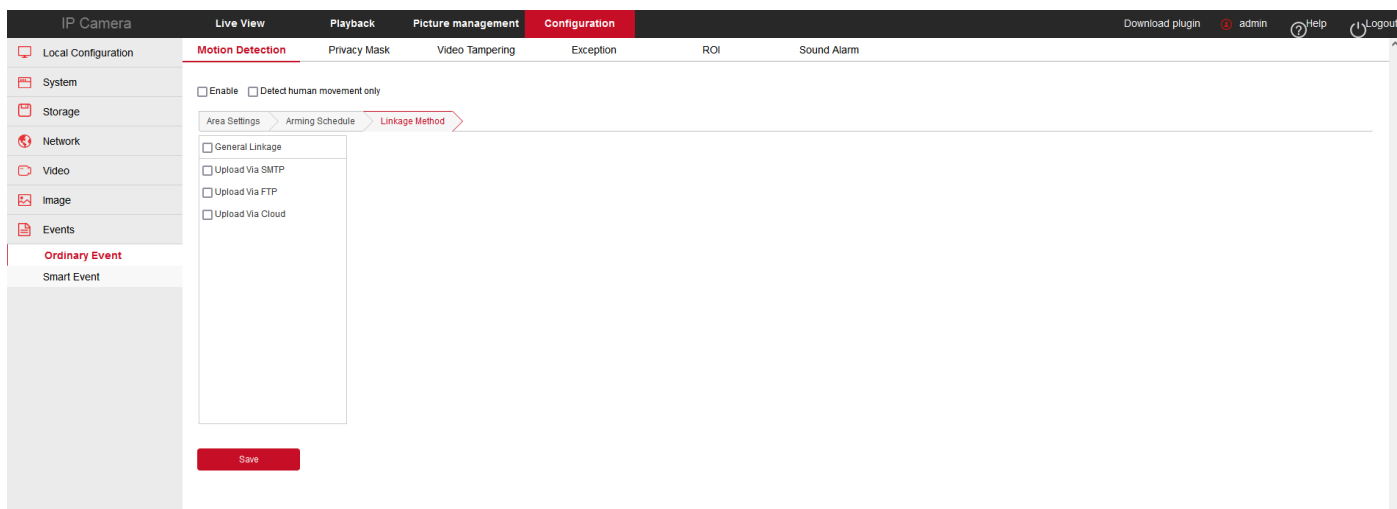


Fig6.6.2

When the motion detection is set to **【Enable】** , it means that the motion detection function is effective.

You can directly draw a frame on the screen to set the motion detection area by pressing and holding the mouse, or you can click the Select All button to select the entire screen.

Sensitivity: Set the sensitivity of motion detection triggering.

Trigger email, trigger snapshot, trigger FTP, trigger SD card snapshot, trigger SD card recording. After checking the corresponding option, motion detection is triggered, and the device will perform the corresponding action.

Clear area: Clear the motion detection area that has been set.

Arming time: optional all day or custom. Used to set the effective time of the motion detection function.

6.1.2 Privacy Mask

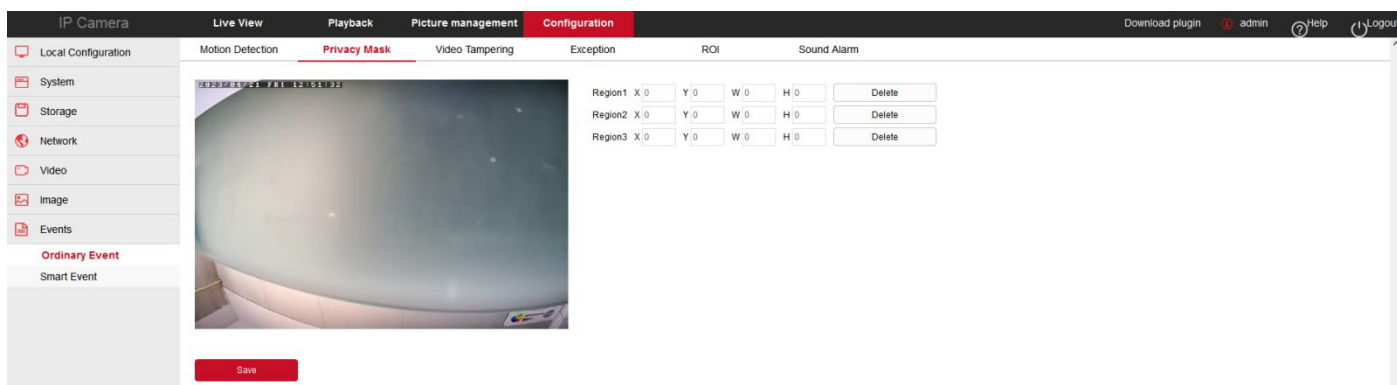


Fig6.6.2

Click the check box in front of the privacy mask to enable it.

After enabling, just press the left mouse button to draw a frame on the screen, and the selected area will produce black mosaic.

6.1.3 Video Tempering

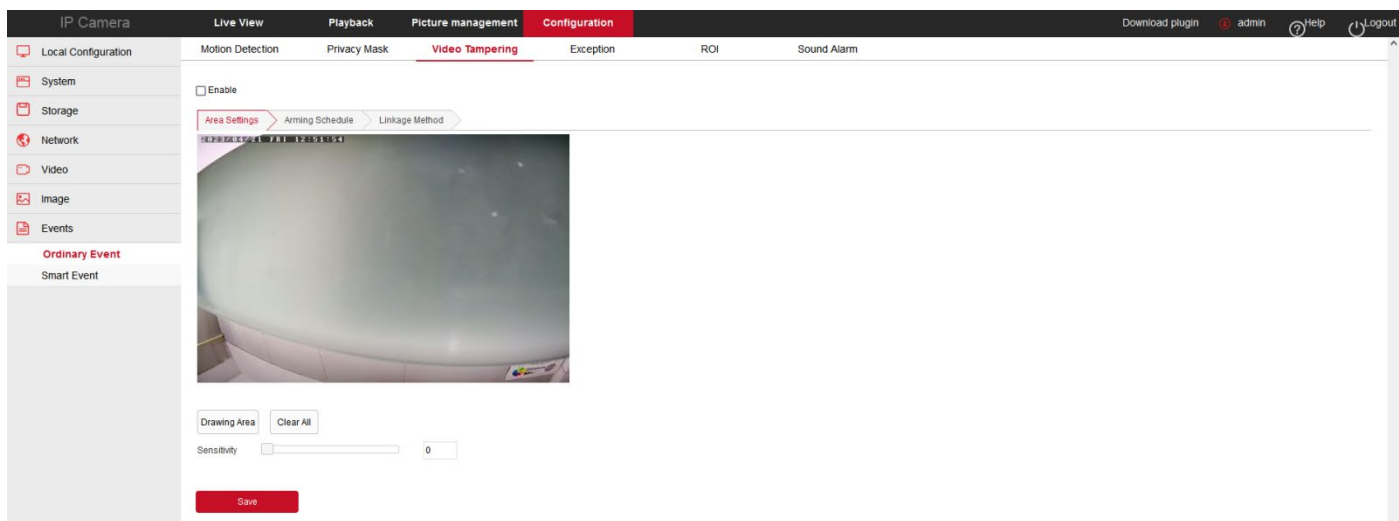
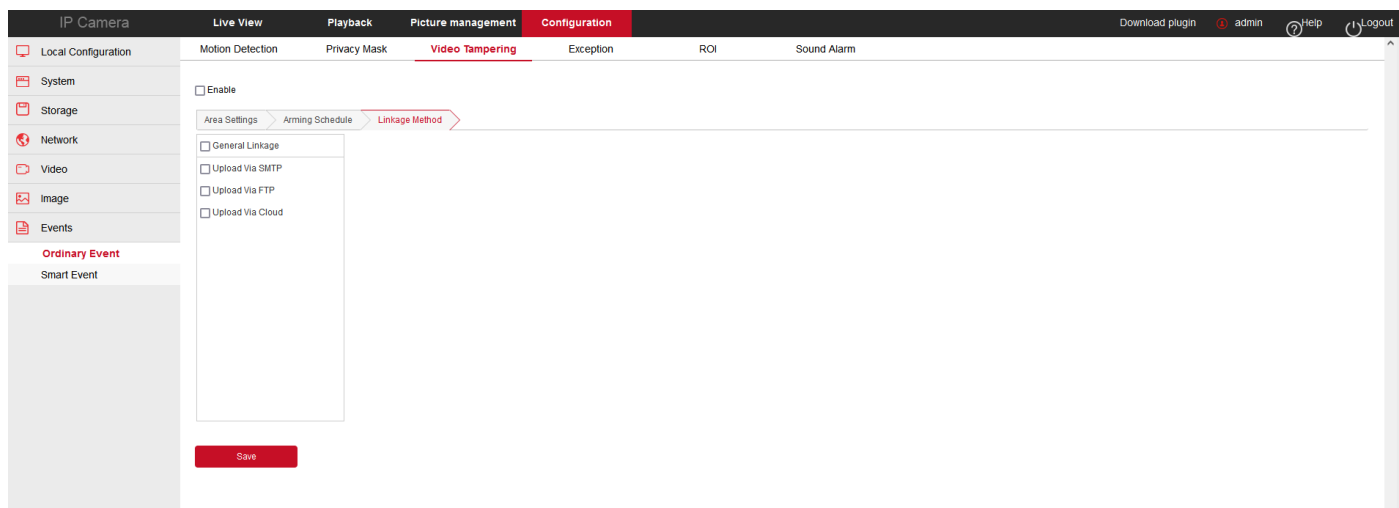
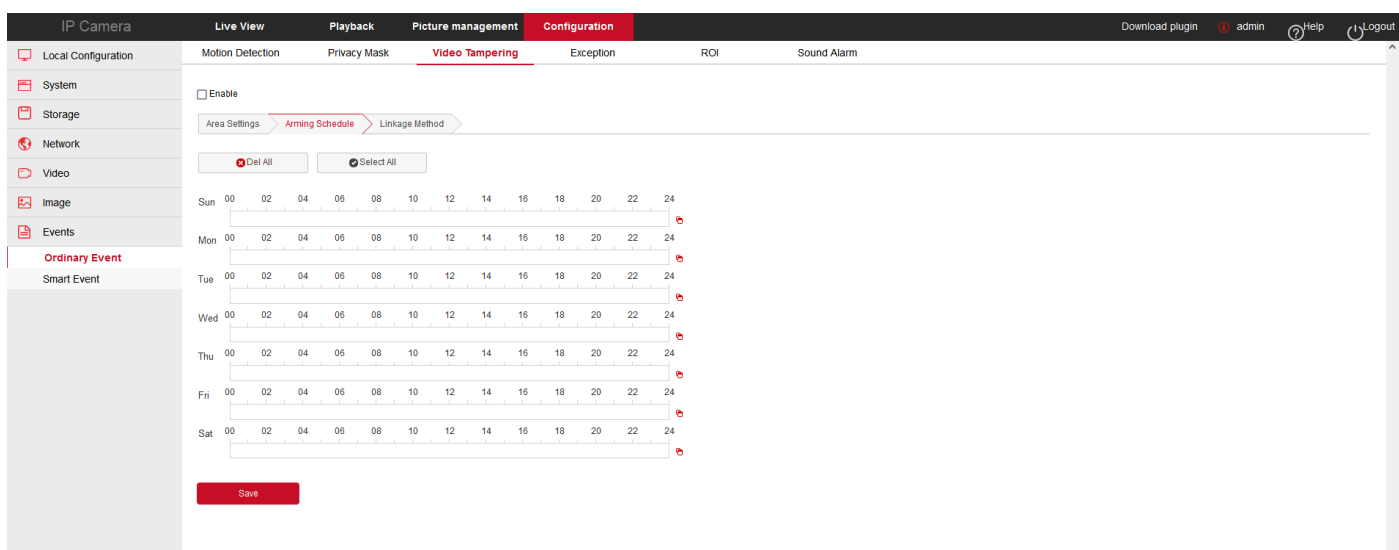


Fig6.6.3



6.1.4 Exception

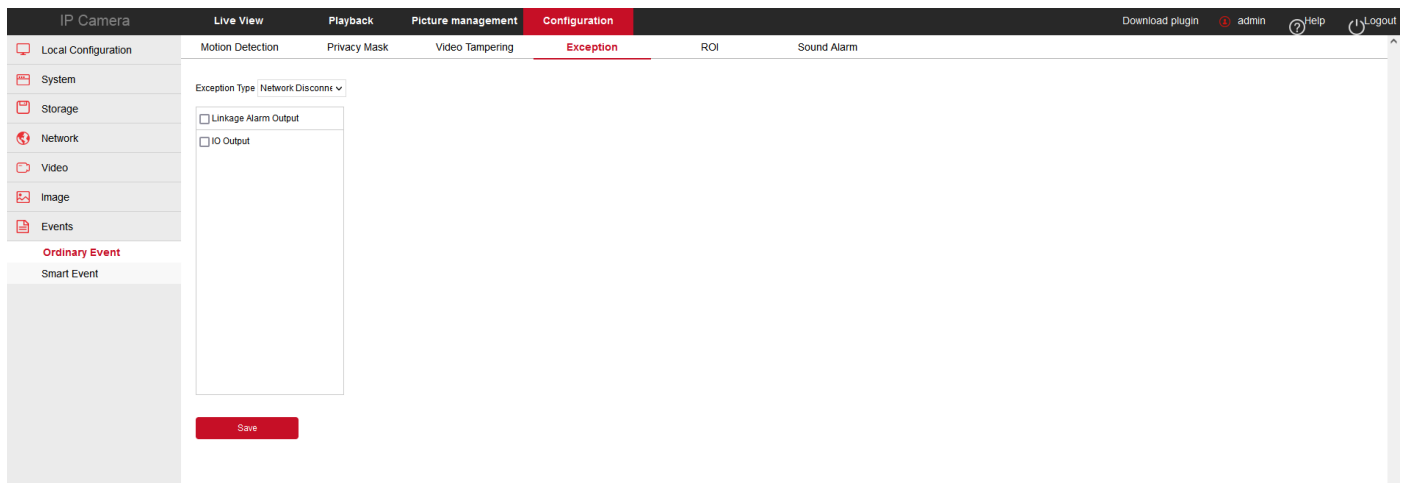


Fig6.6.3

6.1.5 ROI

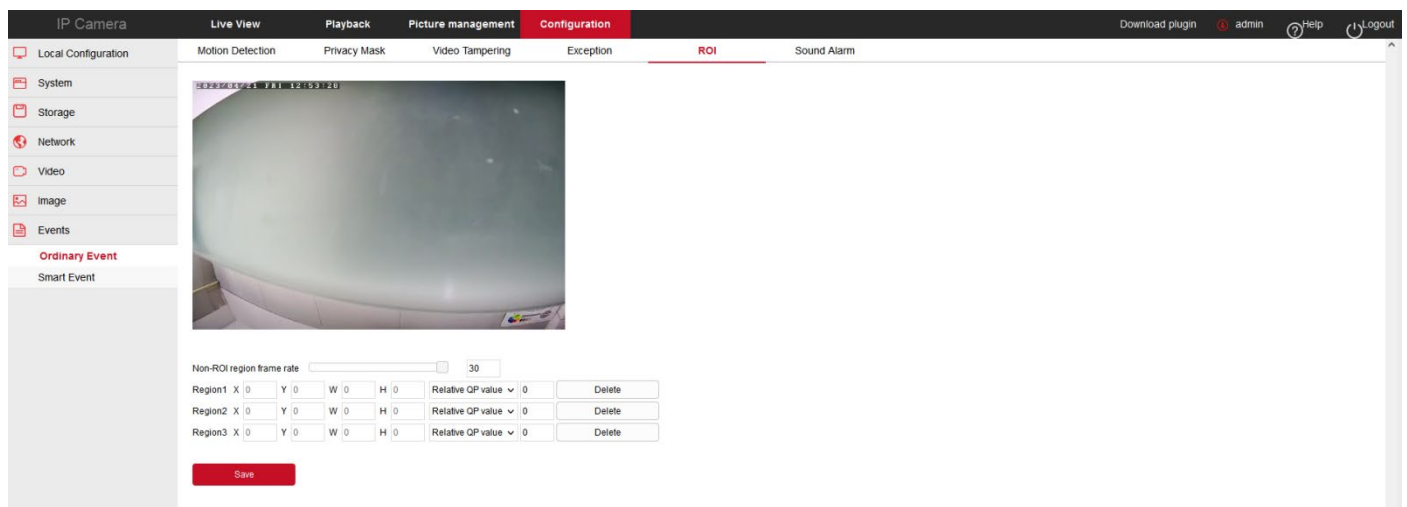


Fig6.6.4

6.1.6 Sound Alarm

Setup the Voice Alarm here.

Note: No Working for IP Normal PTZ camera, use for Auto Tracking Cameras only.

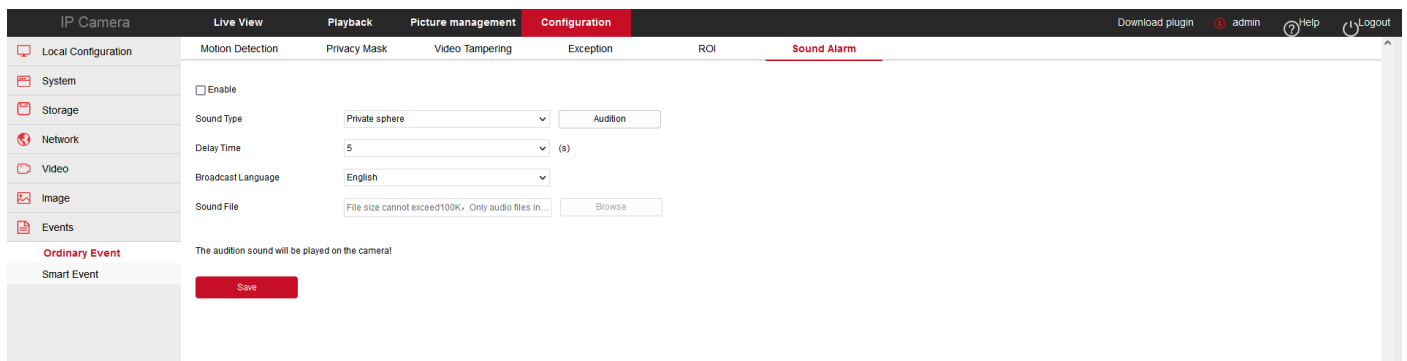


Fig6.6.5

6.2 Smart Event

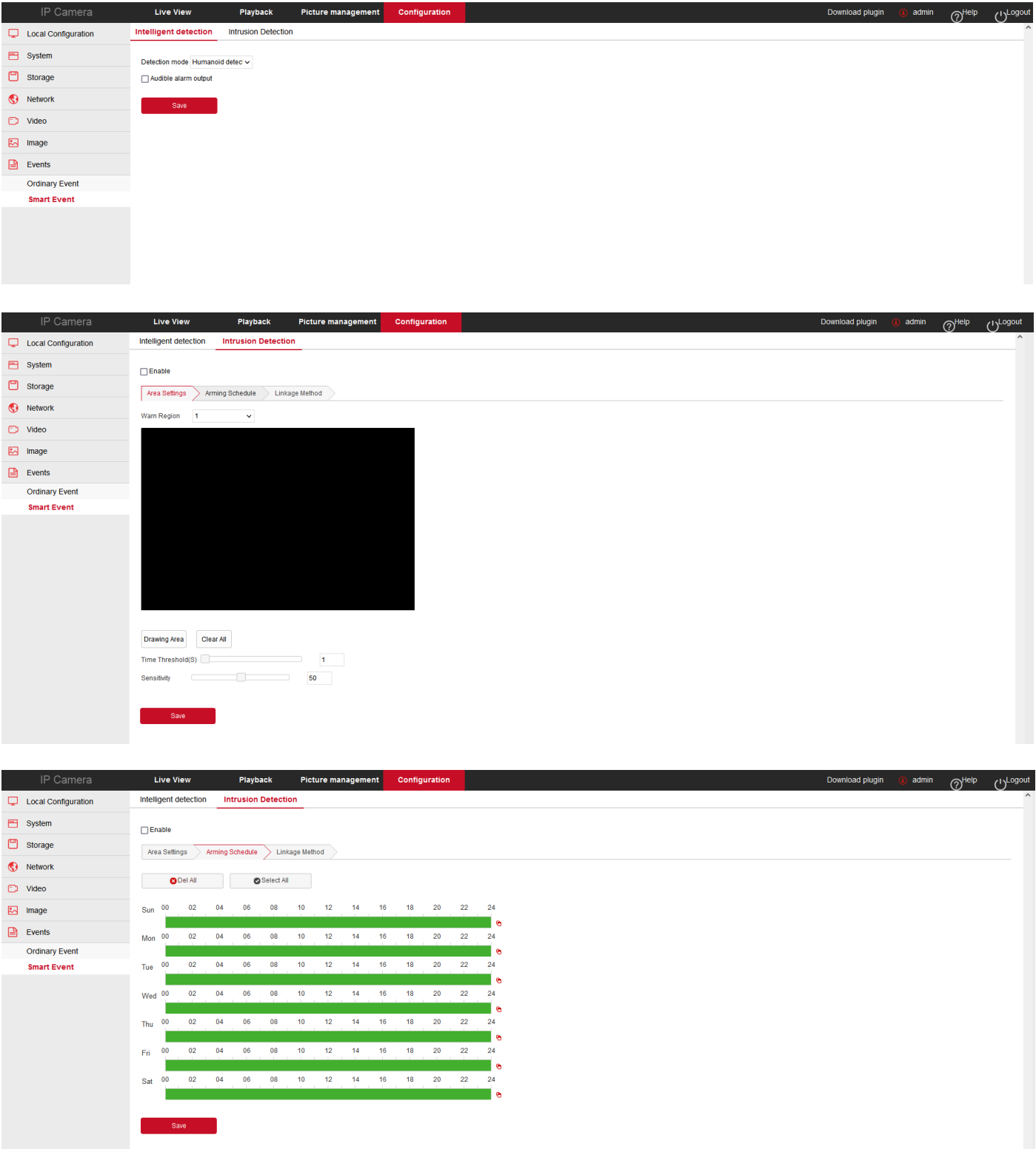
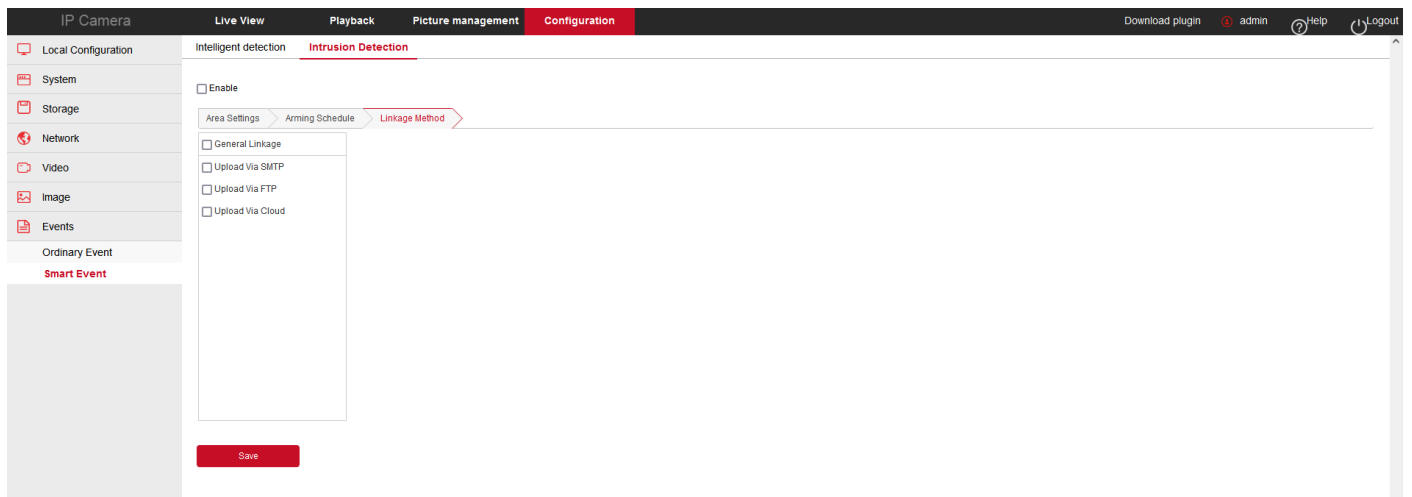


Fig6.6.6



7. Storage

7.1 Schedule Config

7.1.1 Record Schedule

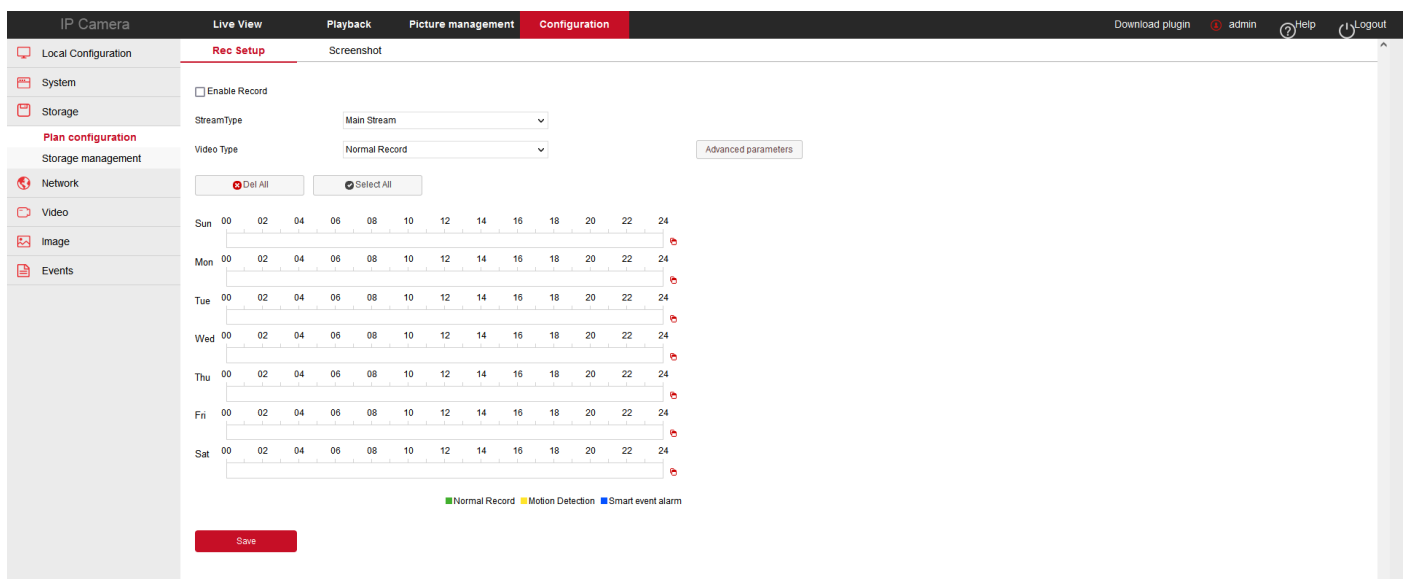


Fig6.7.1

This page is used to set the TF card recording parameters

Video type: Optional [Main Stream] or [Auxiliary Stream], the main stream is HD video, and the auxiliary stream is SD video.

【0-23】 Represents 24 hours of the day

【Sunday-Saturday】 represents one week.

Square color】 represents the corresponding time

【No video】: White, when the color of the square is clicked to be white, it means that no video will be recorded within the corresponding time. Such as the picture: the camera will not record at 6 o'clock on Sunday.

【Mobile Video】: Yellow, when the color of the square is clicked, it means that only motion detection video will be recorded within the corresponding time. Such as the picture: Only motion detection video is recorded at 8 o'clock on Tuesday.

【Alarm Recording】 : Red, when the color of the square is clicked, the red color means that only the alarm input video is recorded within the corresponding time. Such as the picture: only the alarm input video is recorded at 9 o'clock on Wednesday. (Alarm input: switch alarm input)

【Timed recording】 : Blue, when the color of the square is clicked to be blue, it means that it will keep recording within the corresponding time. (The factory default of the device is to record 24 hours a day)

Note: The options on this page may be different for different devices, please refer to the specific device.

7.2 Storage Management

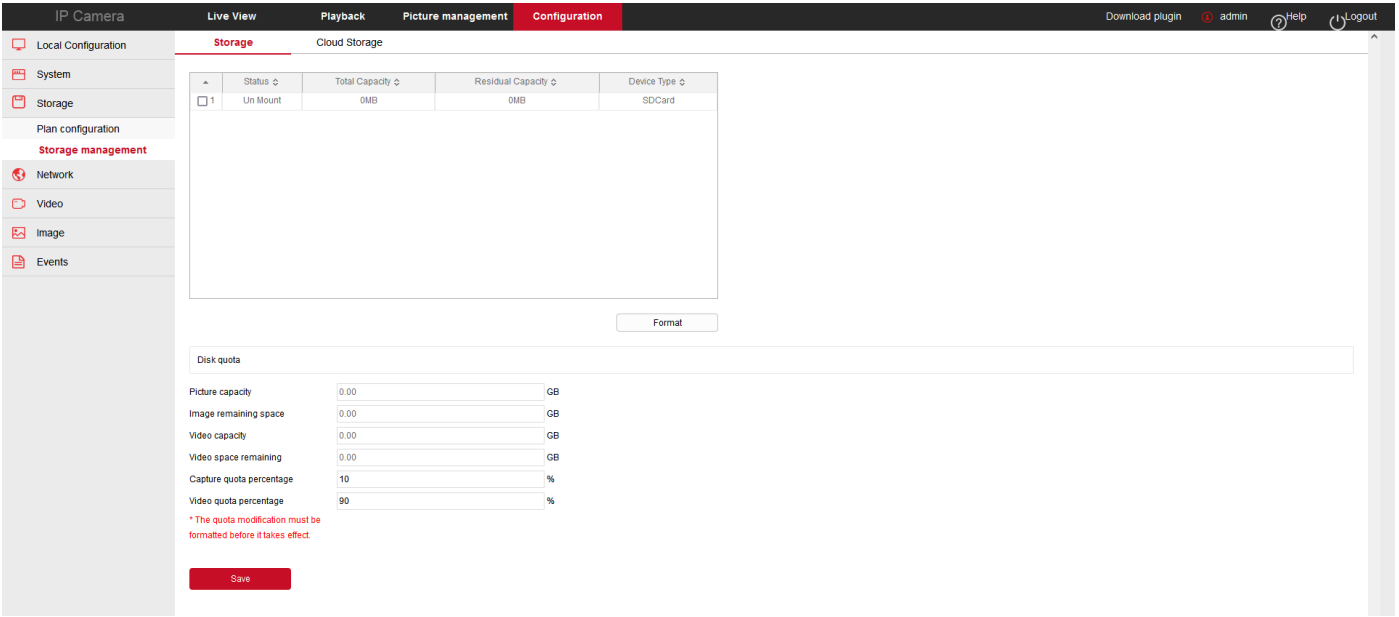


Fig6.7.2

Display the capacity and status of the inserted SD card and Cloud Storage.
Format: Format the TF card device.