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# User 's Manual

(For internal use only)



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## Document revision history

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# Chapter 1 Introduction to DVR Platform

## 1、 System composition

DVR platform consists of Web management platform, Web plug-in, video server group, interface server and auxiliary tools; database support mainstream relational database Oracle, MySQL, Sql Server; support and third-party platform through plug-in, interface integration. At present, the web management platform mainly includes seven function modules: device management, user management, real-time monitoring, video playback, log management, statistical report and alarm display.

**Device management module:** Device management module is divided into equipment, picture playback and upgrade management 3 parts. **Equipment:** organization node to add, delete, query, edit; equipment to add, delete, query, transfer; equipment remote configuration and other related operations. **Image Playback:** View the captured picture. **Upgrade management:** Query the current upgrade of the device, start the device or stop the upgrade and other functions.

**User management module:** User management module is divided into role management and user management of two parts. You can add, delete, edit, search, list import and export, and assign roles to users by adding, deleting, editing, and searching for basic functions.

**Real-time monitoring module:** Real-time monitoring module through the interaction with the web control, the device tree to provide the relevant parameters to the control, to achieve the response device channel audio and video playback and data storage into video files can achieve multi-channel audio and video playback control.

**Video playback module:** can be a single device video query, preview and multiple devices to download video files.

Log management module: log management module is divided into operation log, online log and device log three parts. Can be on the platform operation, the equipment on and off the situation and the records of the device log query, the device log can be exported.

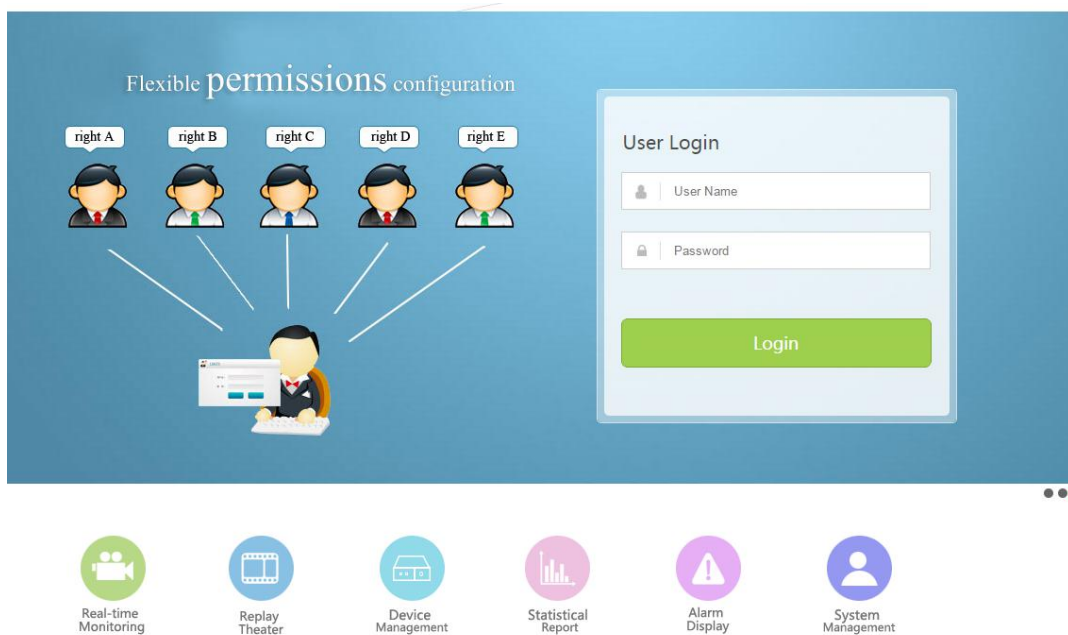
Statistical report module: the equipment traffic statistics, to report the form of display.

Alarm display module: Query the device alarm information and list the display.

Platform deployment See "DVR Platform Deployment Manual".

## 2、 System Login

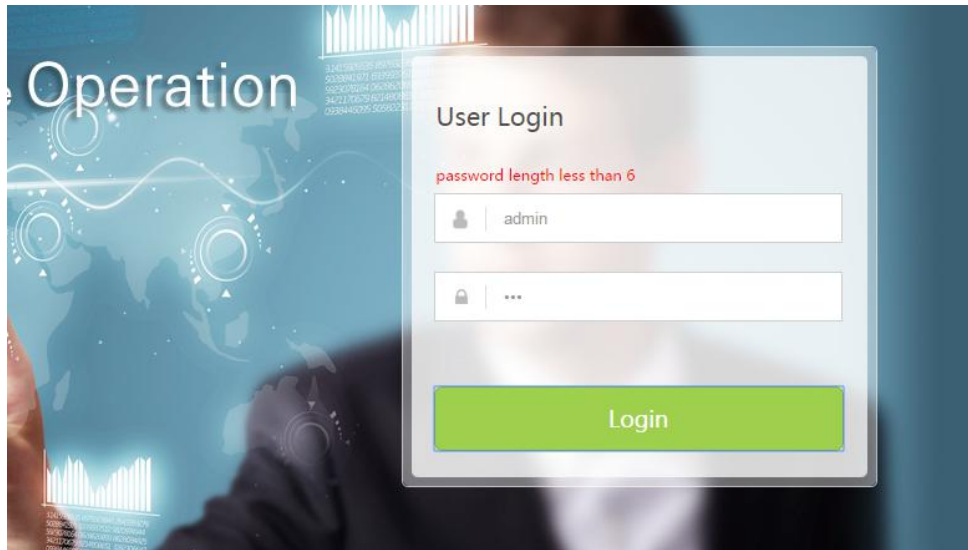
DVR platform login address for the (Ali cloud server): <http://120.25.60.232:8100/>, the user input the appropriate login information, click on the login after the user has the authority to display the corresponding permissions function interface, as follows Figure:



(Figure 1-2-1 User login)

When the user input information is wrong, such as: account password error, the user is disabled, the role is not assigned, the user expired, etc., will display the corresponding error message prompt to account password error example,:

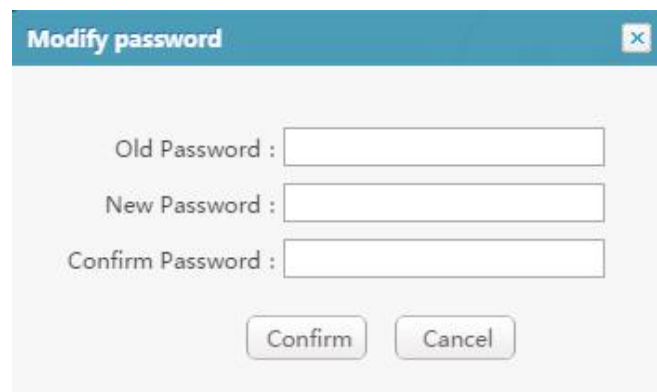




(Figure 1-2-2 Login prompt)


### 3、Change Password

After the user logs in to the system, in addition to the operation on the platform, you can also maintain and modify your password, modify the password, can be used in the next login platform, as shown below:



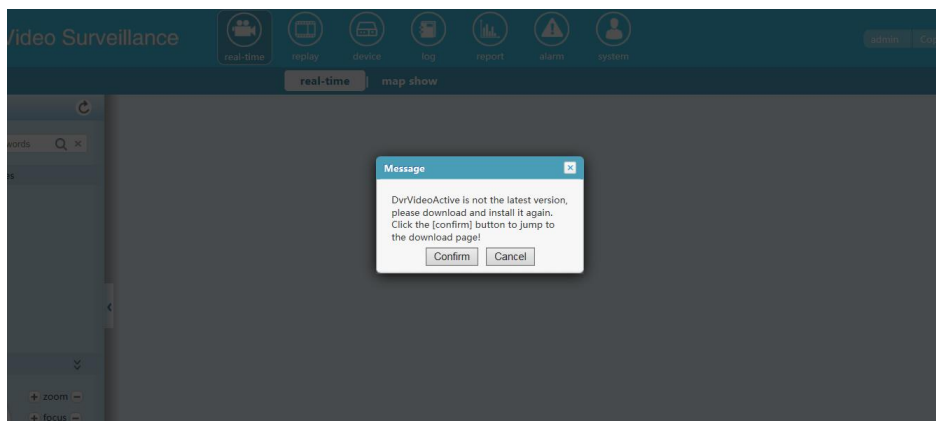
(Figure 1-3-1 Password modification)

## 4、Retreat Safely

Click  the button, said the user to exit the platform, not on the platform for any operation, the next operation on the platform features, you need to re-login.

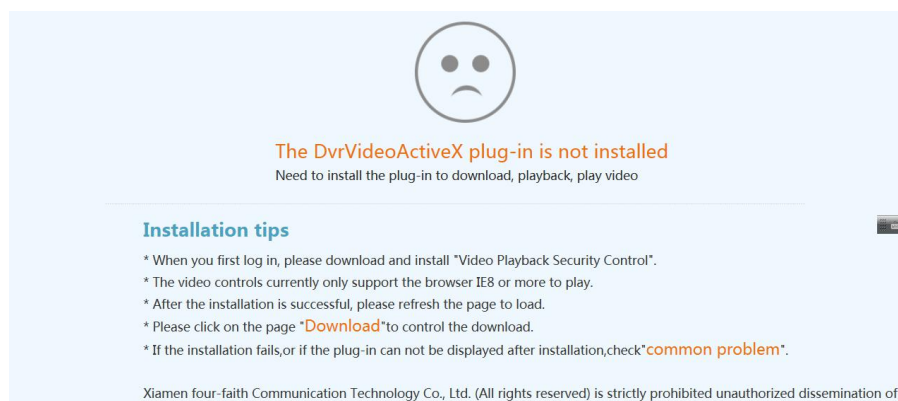
## 5、Plug-in installation

The first time that the user host logs on to the platform, the video plugin needs to be installed, otherwise some functions can not be used normally. In the user host for the first time through the IE browser login platform, the system will jump to the download page, prompt to download and install the video plugin. Users download the installation package, according to the package instructions for plug-in download and install.



(Figure 1-5-1 plug-in download tips)

The prompt page is shown below:



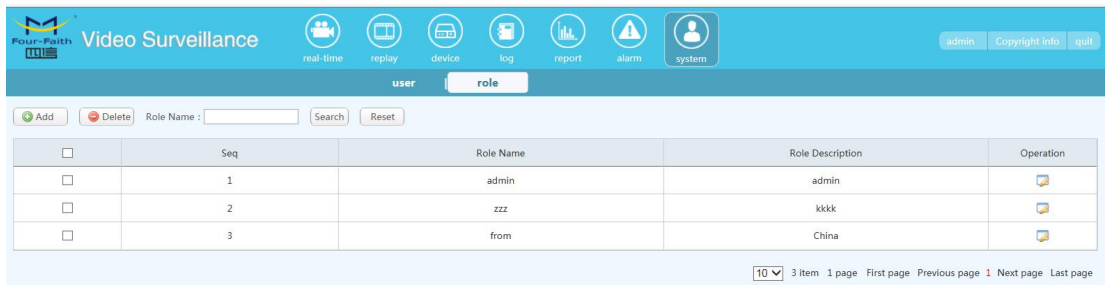
(Figure 1-5-2 Plugin Download Page)

# Chapter 2 User management module

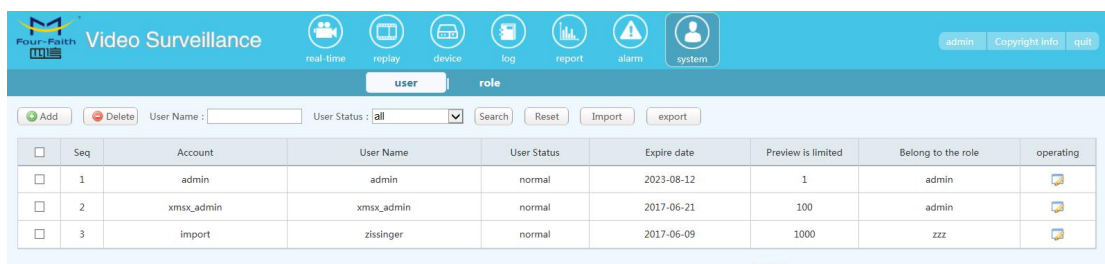
## 1、The main function

Contains 2 chunks: role operations, user actions.

- Role operation: the current landing user can see the role of the list, you can add points to delete, delete, search, edit and other operations.
- User operation: display the user list, you can add, edit, delete, query, import, export operation, which users add and edit must be associated with the role.



(Figure 2-1-1 Roles)



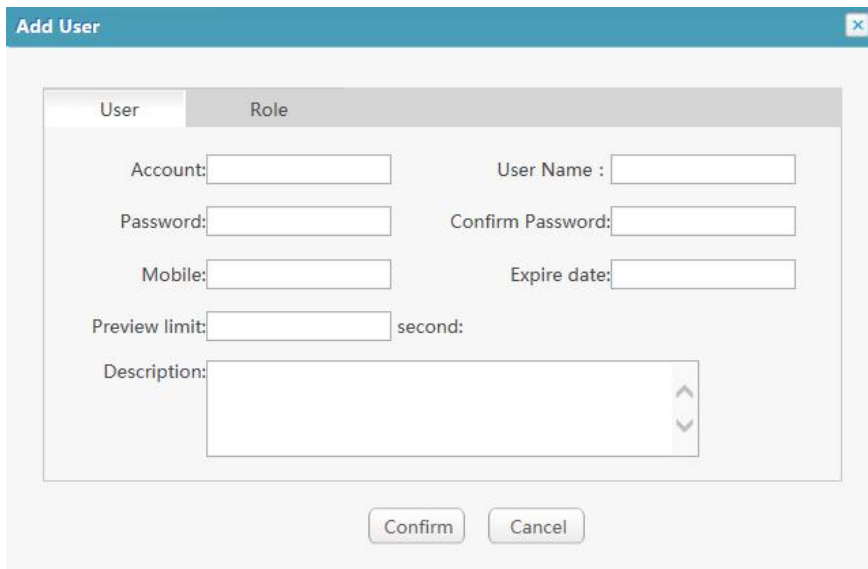
(Figure 2-1-2 User)

## 2、 User

### 2.1 Add



Add user information, association role information.

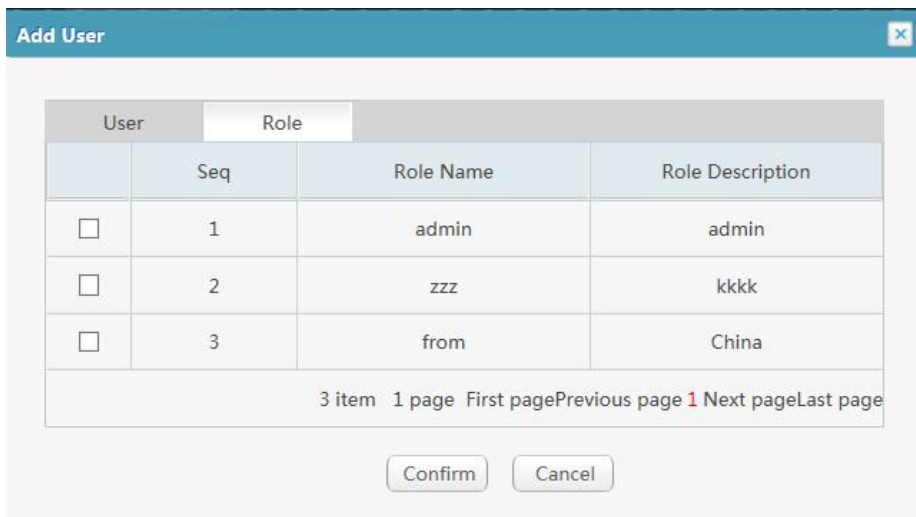


The 'Add User' dialog box contains the following fields:

- Account:
- User Name :
- Password:
- Confirm Password:
- Mobile:
- Expire date:
- Preview limit:  second:
- Description:

Buttons: Confirm, Cancel

( Figure 2-2-1-1 Add user )



The 'Add User' dialog box displays a table for selecting roles:


User	Role		
	Seq	Role Name	Role Description
<input type="checkbox"/>	1	admin	admin
<input type="checkbox"/>	2	zzz	kkkk
<input type="checkbox"/>	3	from	China

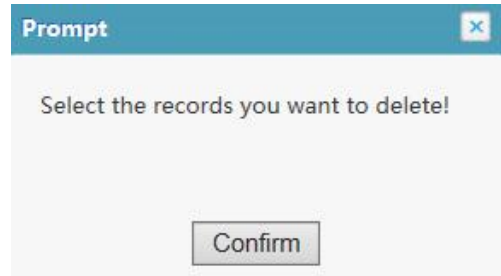
3 item 1 page First page Previous page 1 Next page Last page

Buttons: Confirm, Cancel

( Figure 2-2-1-2 User role )


## 2.2 Delete

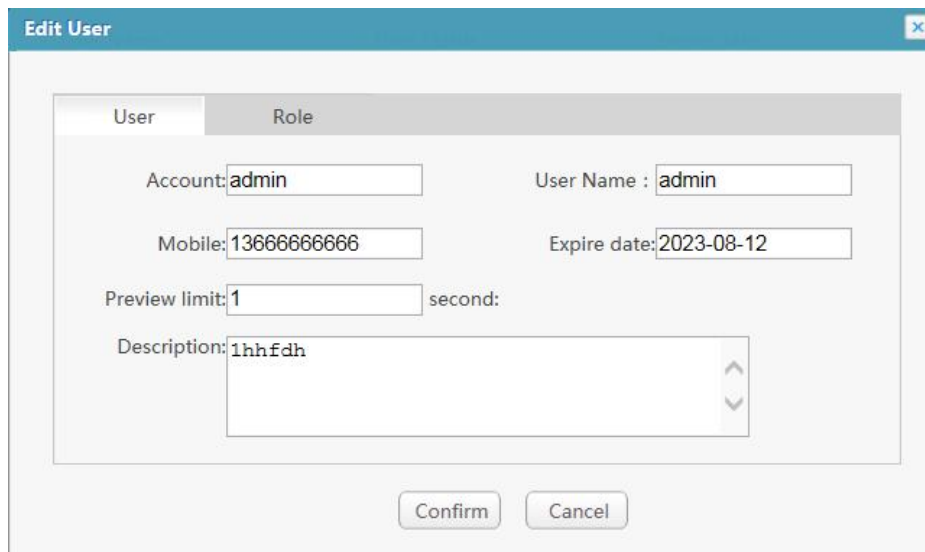
 Delete user information



(Figure 2-2-2-1 Delete User)

## 2.3 Edit

 Edit user information



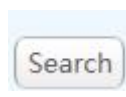
A dialog box titled "Edit User" with a close button (X) in the top right corner. The dialog box contains a form with two tabs: "User" and "Role". The "User" tab is selected. The form fields are as follows:

User	Role
Account: admin	User Name : admin
Mobile: 13666666666	Expire date: 2023-08-12
Preview limit: 1 second:	
Description: 1hhfdh	

At the bottom of the dialog box are two buttons: "Confirm" and "Cancel".

(Figure 2-2-3-1 Edit User)

## 2.4 Search

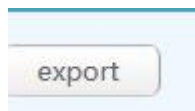
 Search for user information based on user name and user status

Name :  User Status :

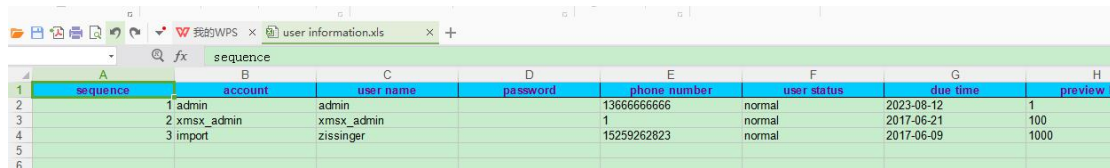
Account	User Name	User Status	Expire date
admin	admin	normal	2023-08-12
xmsx_admin	xmsx_admin	normal	2017-06-21
import	zissinger	normal	2017-06-09

( Figure 2-2-4-1 Search for users )

## 2.5 Export excel



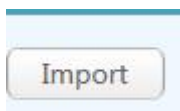
Export user information excel



sequence	account	user name	password	phone number	user status	due time	preview f
1	admin	admin		13666666666	normal	2023-08-12	1
2	xmsx_admin	xmsx_admin		1	normal	2017-06-21	100
3	import	zissinger		15259262823	normal	2017-06-09	1000

( Figure 2-2-5-1 User Export )

## 2.6 Import excel



Import the excel user information into the system

**Import user excel**

Template

Download:

File:

( Figure 2-2-6-1 User Import )

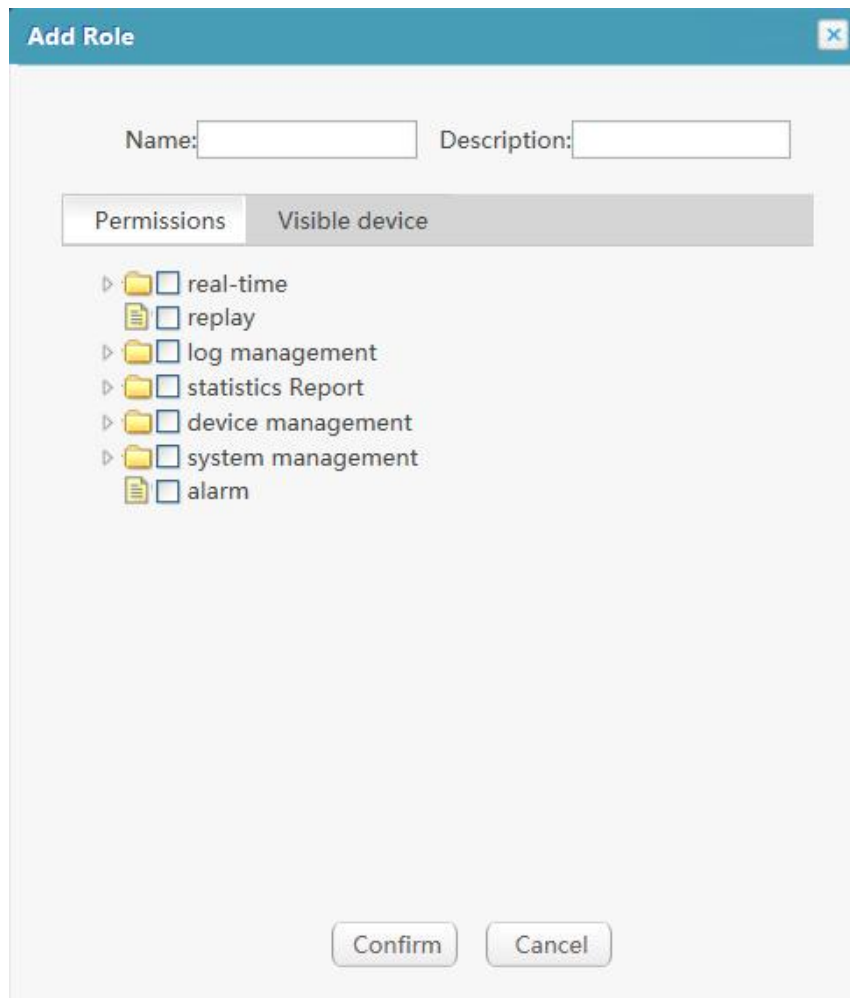
### 3、 Role

#### 3.1 Add



Add role information, associated user function module

permissions, and visible devices



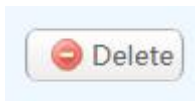
The screenshot shows a dialog box titled "Add Role" with a close button in the top right corner. It contains two input fields: "Name:" and "Description:". Below these fields are two tabs: "Permissions" (selected) and "Visible device". Under the "Permissions" tab, there is a list of items with expandable folders and checkboxes:

- ▶  real-time
  - replay
- ▶  log management
- ▶  statistics Report
- ▶  device management
- ▶  system management
- alarm

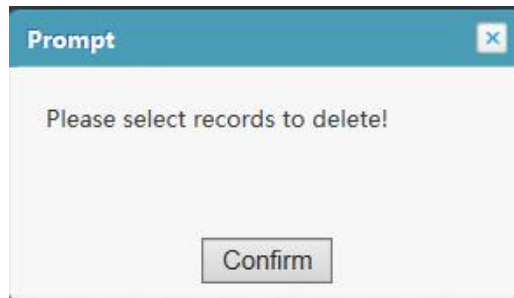
At the bottom of the dialog box, there are two buttons: "Confirm" and "Cancel".

(Figure 2-3-1-1 Add role)

## 3.2 Delete



Delete role information



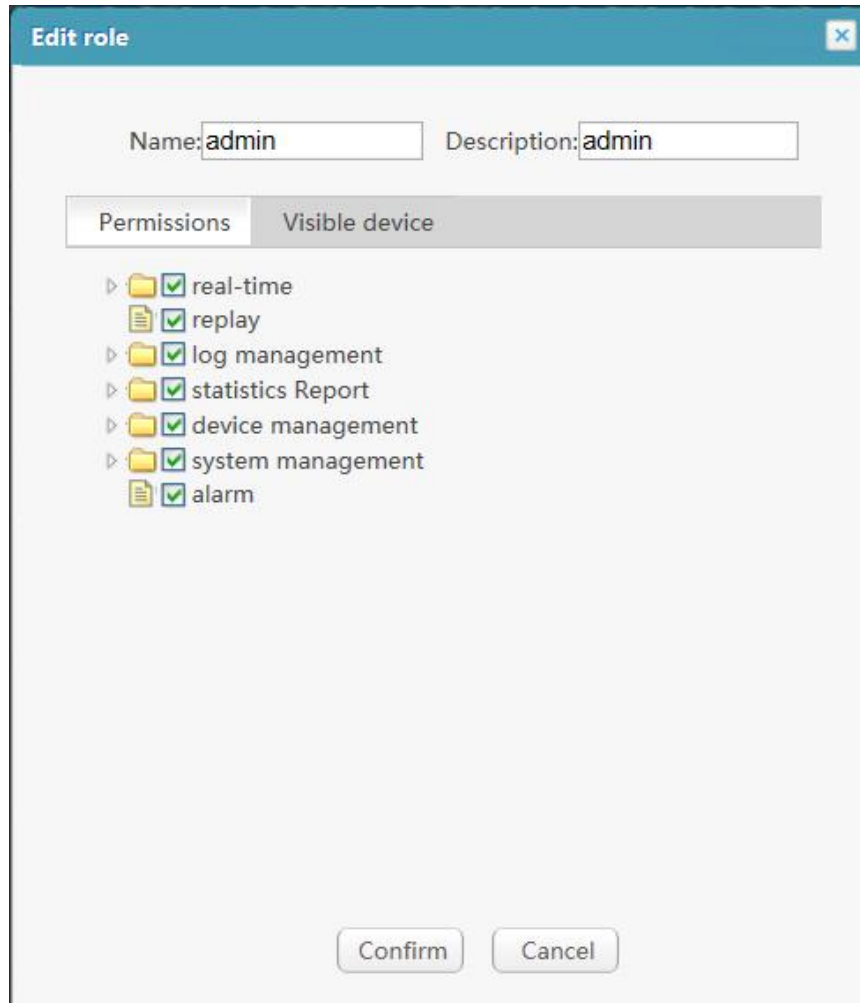
(Figure 2-3-2-1 Delete role)

## 3.3 Edit



Edit the role information





(Figure 2-3-3-1 Edit role)

### 3.4 Search

Search for role information based on role name



(Figure 2-3-4-1 Search for role)

# Chapter 3 Device management module

## 1、The main function

The device management module consists of three blocks: device, picture playback and upgrade management.

(1) The main functions of the device module include: organization operation, device operation and device configuration.

1.Organize operations: the current login user can see the group permissions list, you can add, delete, edit and refresh operations.

2.Device operation: display the list of devices under the group, the device can be added, edit, delete, query, move.

3.Device configuration: Perform the device configuration.

(2) picture playback main features include: capture picture query, picture display.

1. Capture picture query: query the device to report the picture.

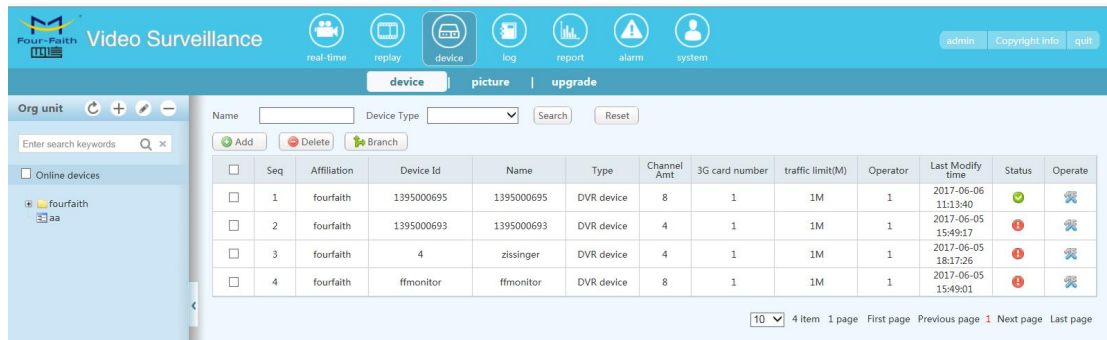
2. Image display: show the query to the picture.

(3) upgrade management main functions include: upgrade query, upgrade management and upgrade records.

1. Upgrade query: Query the current upgrade status of the device.

2. Upgrade management: start a new upgrade or stop the current upgrade.

3. Upgrade record: View the device upgrade record.

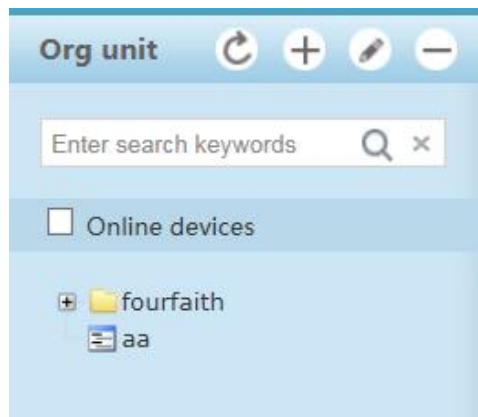


(Figure 3-1-1 Device management)

## 2、Device

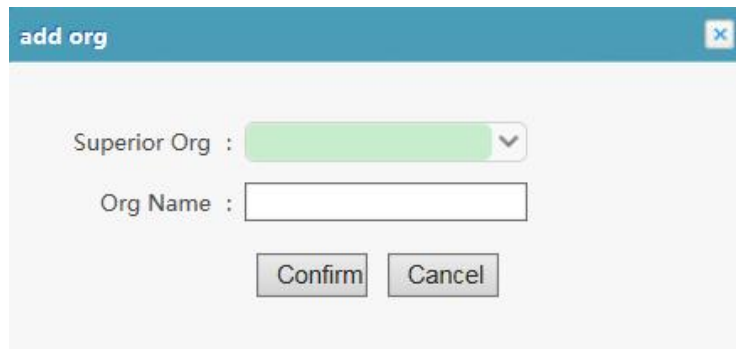
### 2.1 Organize operations

User defaults can be seen in the group list, the default expansion to the tree structure, the group can be other operations, such as modify, add, delete, and so on. The list is as follows:



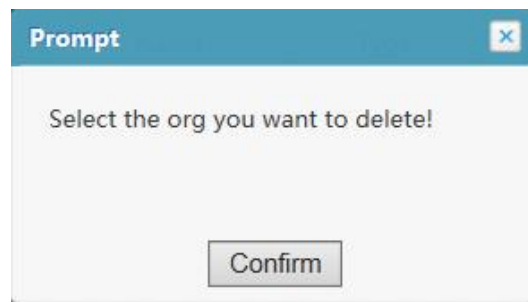
(Figure 3-2-1 List of device organizations)

#### 2.1.1 Add organization information



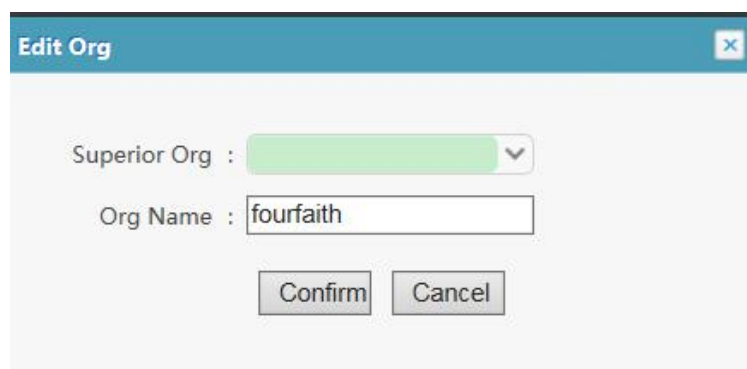
(Figure 3-2-1-1-1 Add organization)

## 2.1.2 Delete organization information



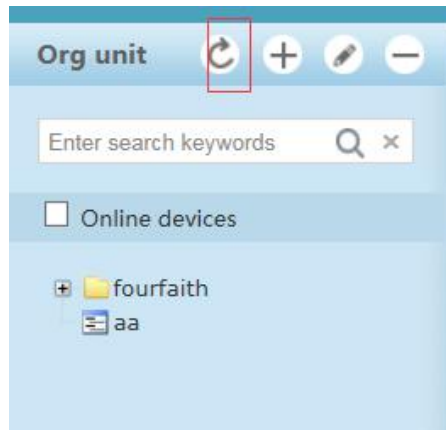
(Figure 3-2-1-2-1 Deleting an organization)

## 2.1.3 Edit the organization information



(Figure 3-2-1-3-1)

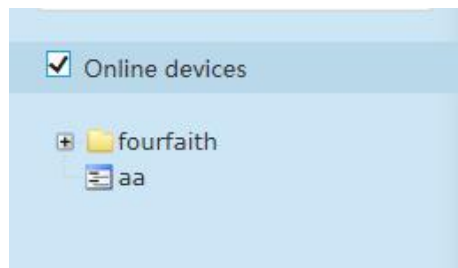
## 2.1.4 Refresh the organization information



(Figure 3-2-1-4-1)

## 2.1.5 Online device query

Only show online devices

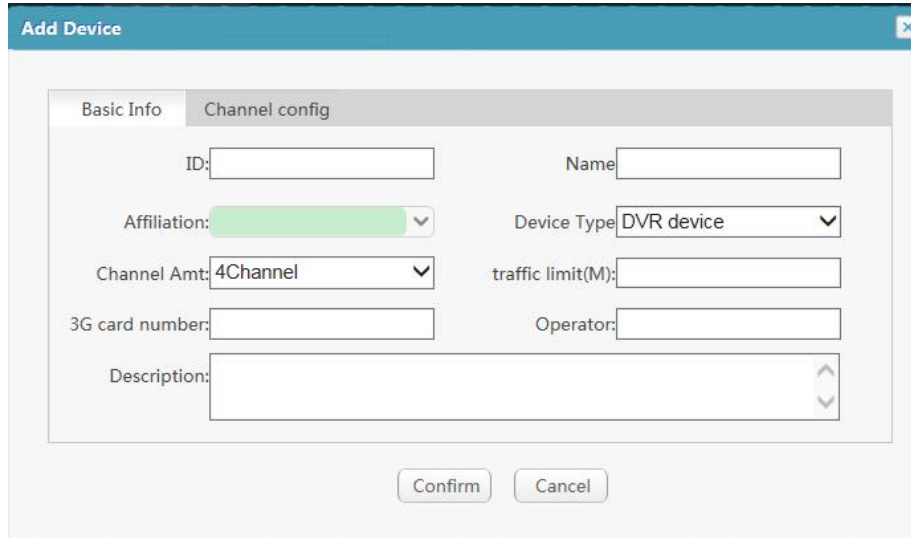


(Figure 3-2-1-5-1 Online device)

## 2.2 Device operation

### 2.2.1 Add device

Add device information, to associate device type, affiliated organization, signaling server, and so on



**Add Device**

Basic Info | Channel config

ID:  Name:

Affiliation:  Device Type: DVR device

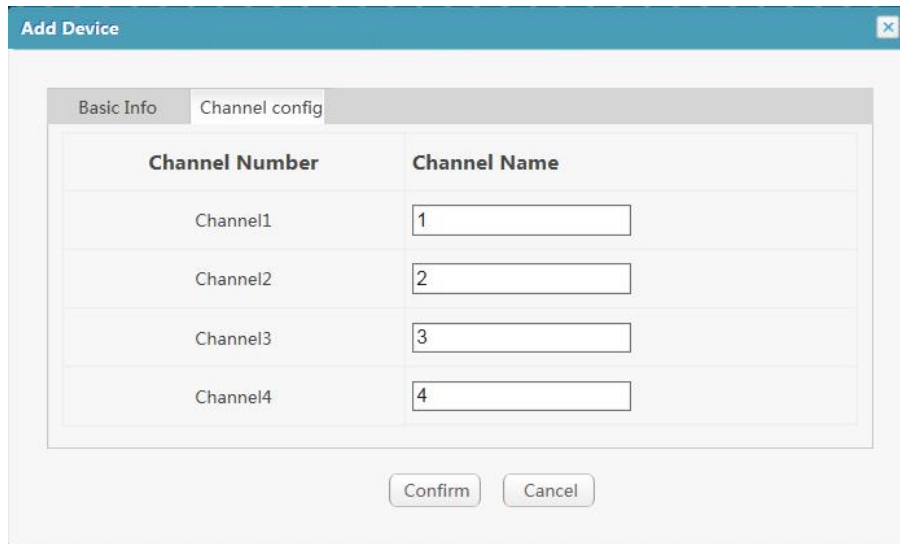
Channel Amt: 4Channel traffic limit(M):

3G card number:  Operator:

Description:

Confirm Cancel

(Figure 3-2-2-1-1 Add device)



**Add Device**

Basic Info | Channel config

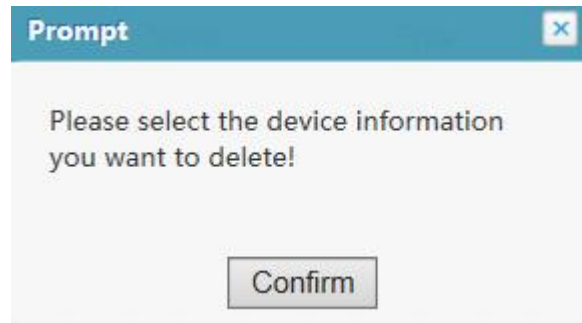
Channel Number	Channel Name
Channel1	<input type="text" value="1"/>
Channel2	<input type="text" value="2"/>
Channel3	<input type="text" value="3"/>
Channel4	<input type="text" value="4"/>

Confirm Cancel

(Figure 3-2-2-1-2 device channel)

## 2.2.2 Delete Device

### Delete device information



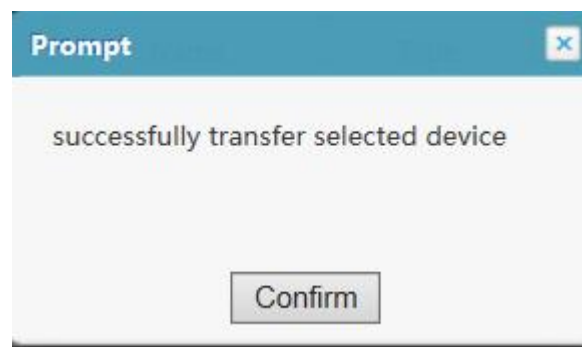
(Figure 3-2-2-2-1 delete device)

### 2.2.3 Search for devices

Search for device information based on device name, device type, device address, and device port number.

### 2.2.4 Transfer device

Transfer device information to other organizations



(Figure 3-2-2-4-1 Transfer device)

## 2.3 Device Configuration

### 2.3.1 Device version

(1) Query

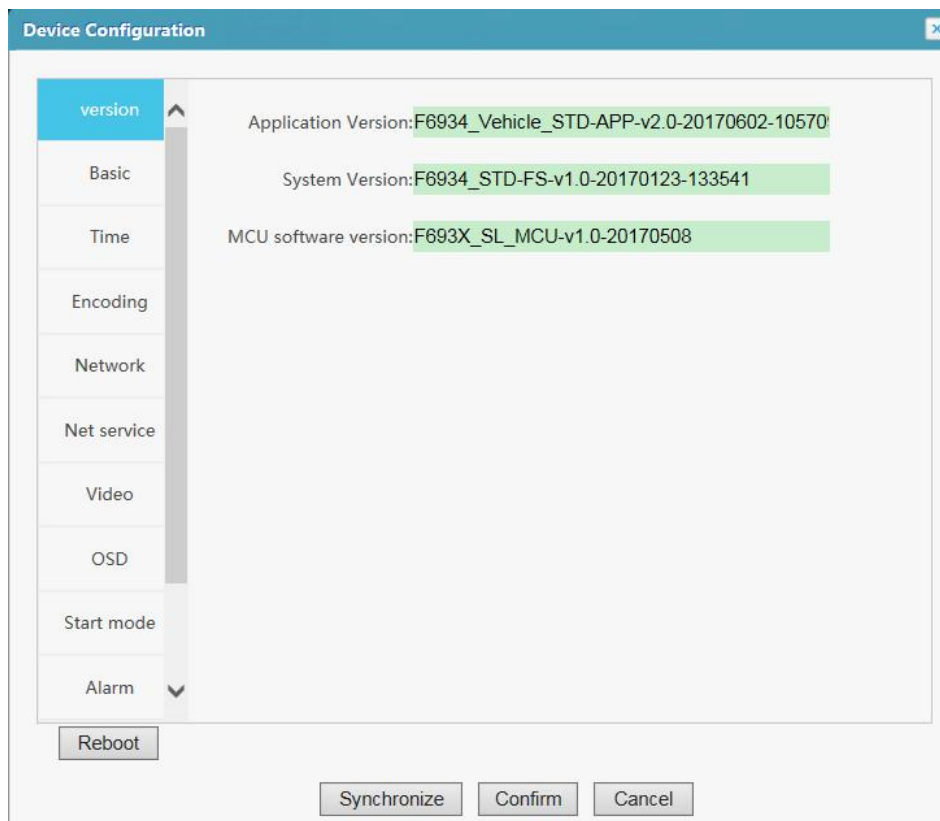
Click the device version to query the device's device version information

(2) Confirm

Click OK to modify the device version information of the device

(3) Synchronize

Click Synchronize to synchronize the device version information for the device



(Figure 3-2-3-1-1 Device version)



## 2.3.2 Basic configuration

### (1) Query

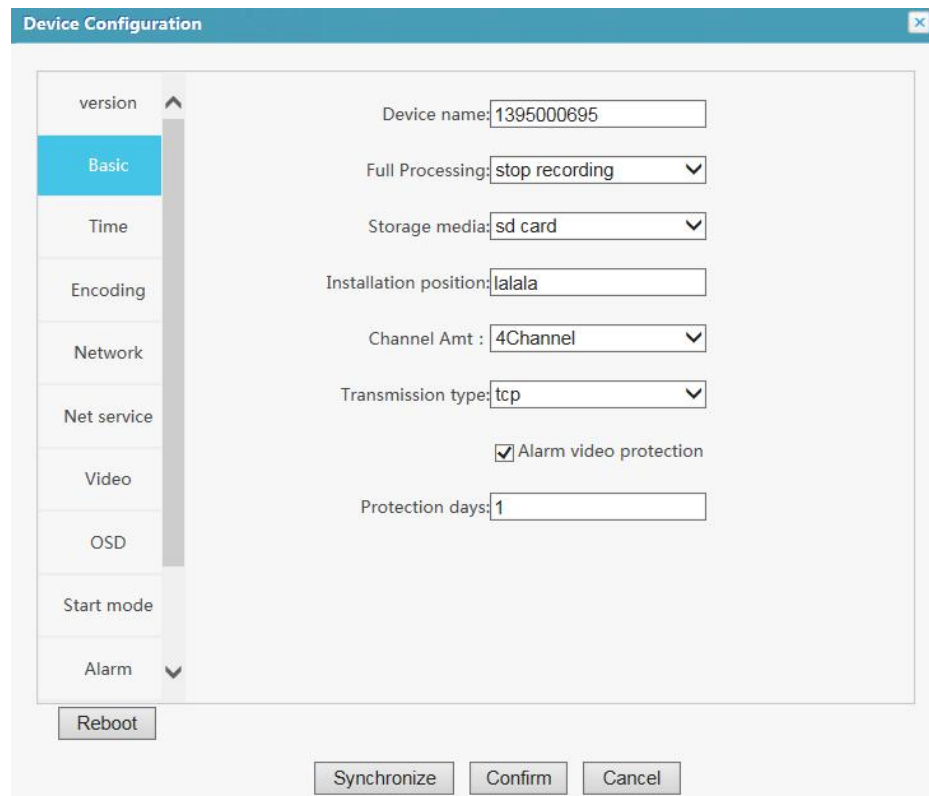
Click the basic configuration to query the basic configuration information of the device.

### (2) Confirm

Click OK to modify the basic configuration information of the device.

### (3) Synchronize

Click Synchronize to synchronize the basic configuration information for the device.



The screenshot shows a web-based configuration interface titled "Device Configuration". On the left, there is a vertical menu with tabs for "version", "Basic", "Time", "Encoding", "Network", "Net service", "Video", "OSD", "Start mode", and "Alarm". The "Basic" tab is currently selected and highlighted in blue. The main area of the window contains the following configuration fields:

- Device name: 1395000695
- Full Processing: stop recording (dropdown menu)
- Storage media: sd card (dropdown menu)
- Installation position: lalala
- Channel Amt: 4Channel (dropdown menu)
- Transmission type: tcp (dropdown menu)
- Alarm video protection
- Protection days: 1

At the bottom of the configuration area, there is a "Reboot" button. Below the main configuration area, there are three buttons: "Synchronize", "Confirm", and "Cancel".

(Figure 3-2-3-2-1 basic configuration)

### 2.3.3 Time configuration

#### (1) Query

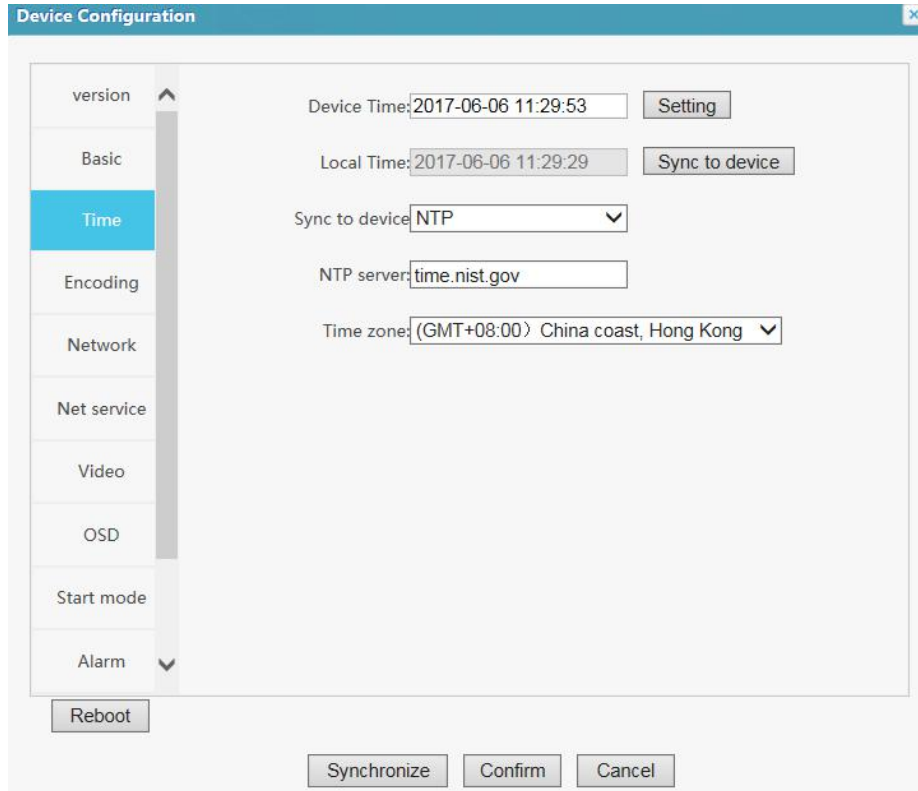
Click the time configuration to query the device's time configuration information

#### (2) Confirm

Click OK to modify the device's time configuration information

#### (3) Synchronize

Click Synchronize to synchronize the time configuration information for the device.



(Figure 3-2-3-3-1 Time configuration)

## 2.3.4 Encoding configuration

### (1) Query

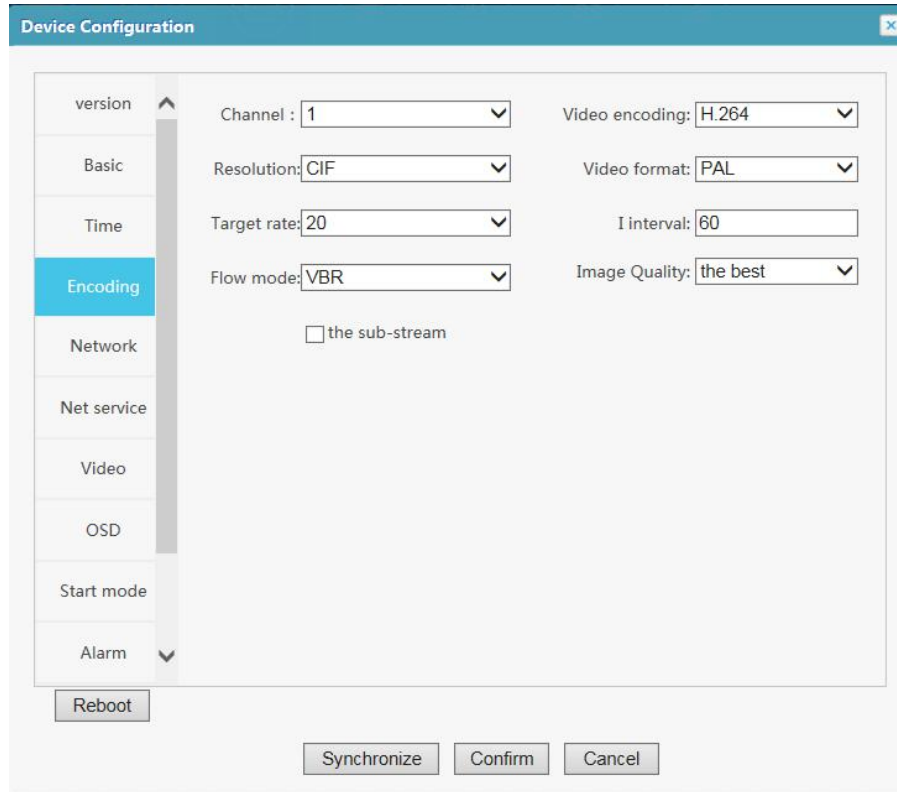
Click the encoding configuration to query the device's encoding configuration information

### (2) Confirm

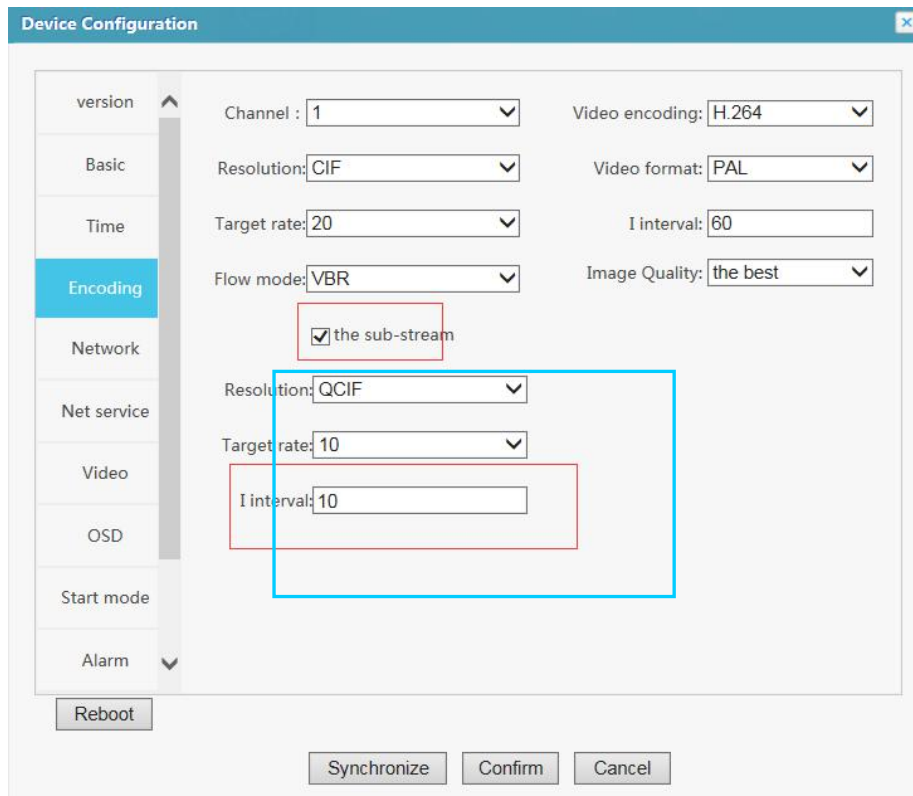
Click OK, modify the device's encoding configuration (check the configuration word stream, modify) information

### (3) Synchronize

Click Synchronize to synchronize the encoding configuration information for the device



(Figure 3-2-3-4-1)



(Figure 3-2-3-4-2)

### 2.3.5 Network Configuration

#### (1) Query

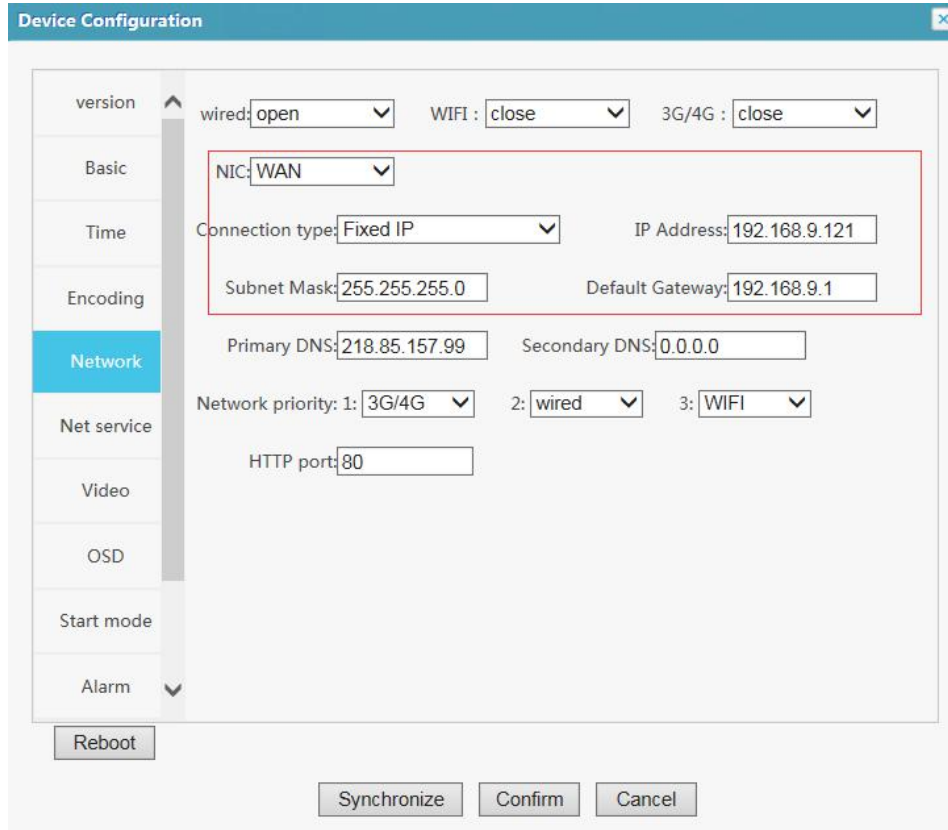
Click on the network configuration, query the device's network configuration (the corresponding network card) information

#### (2) Confirm

Click OK to modify the network configuration of the device (set the corresponding network card) information

#### (4) Synchronize

Click Synchronize to synchronize it to the network configuration of the device (the corresponding network card in the background)

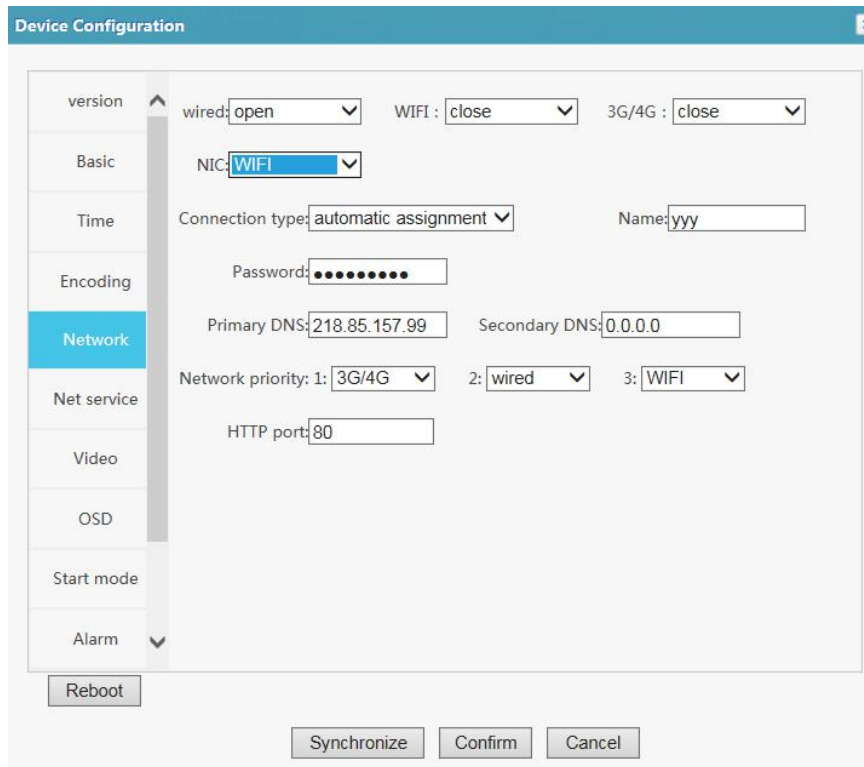


The screenshot shows the 'Device Configuration' window with the 'Network' tab selected. The configuration includes:

- wired: open
- WIFI: close
- 3G/4G: close
- NIC: WAN
- Connection type: Fixed IP
- IP Address: 192.168.9.121
- Subnet Mask: 255.255.255.0
- Default Gateway: 192.168.9.1
- Primary DNS: 218.85.157.99
- Secondary DNS: 0.0.0.0
- Network priority: 1: 3G/4G, 2: wired, 3: WIFI
- HTTP port: 80

Buttons at the bottom: Reboot, Synchronize, Confirm, Cancel.

(Figure 3-2-3-5-1 Wired network)



Device Configuration

version ↑ wired: open ▼ WIFI : close ▼ 3G/4G : close ▼

Basic NIC: WIFI ▼

Time Connection type: automatic assignment ▼ Name: yyy

Encoding Password: [masked]

Network Primary DNS: 218.85.157.99 Secondary DNS: 0.0.0.0

Net service Network priority: 1: 3G/4G ▼ 2: wired ▼ 3: WIFI ▼

Video HTTP port: 80

OSD

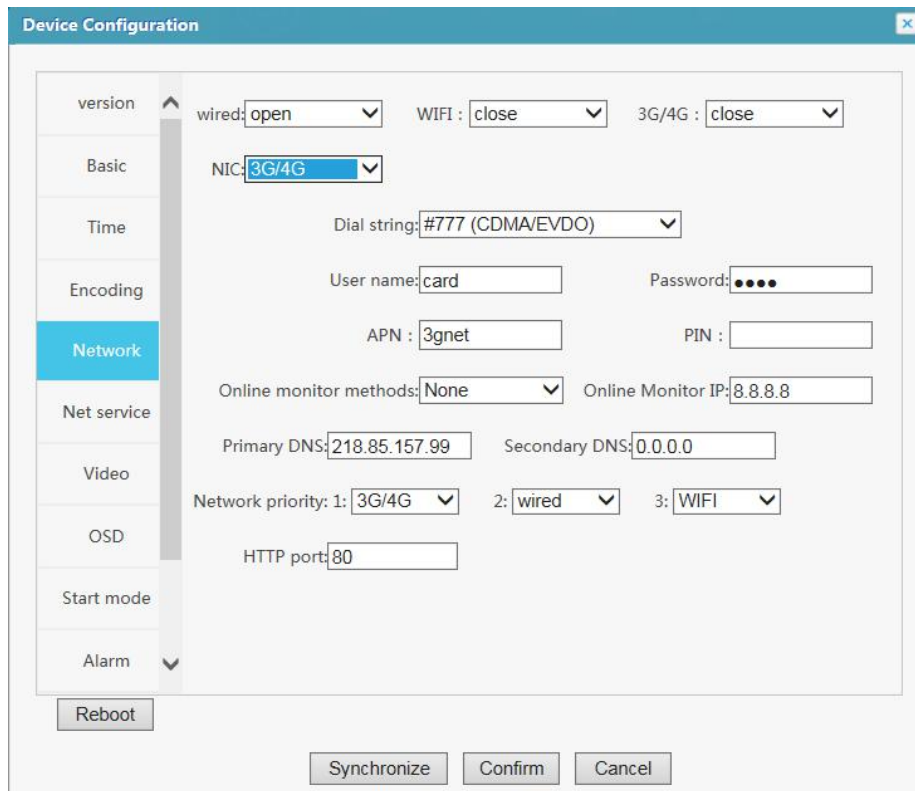
Start mode

Alarm ▼

Reboot

Synchronize Confirm Cancel

(Figure 3-2-3-5-2 wifi)



Device Configuration

version ↑ wired: open ▼ WIFI : close ▼ 3G/4G : close ▼

Basic NIC: 3G/4G ▼

Time Dial string: #777 (CDMA/EVDO) ▼

Encoding User name: card Password: [masked]

Network APN : 3gnet PIN : [empty]

Net service Online monitor methods: None ▼ Online Monitor IP: 8.8.8.8

Video Primary DNS: 218.85.157.99 Secondary DNS: 0.0.0.0

OSD Network priority: 1: 3G/4G ▼ 2: wired ▼ 3: WIFI ▼

Start mode HTTP port: 80

Alarm ▼

Reboot

Synchronize Confirm Cancel

(Figure 3-2-3-5-3 3G network)

### 2.3.6 Network service

#### (1) Query

Click on the network service, query the device's network services (including signaling server and gps server address information) information

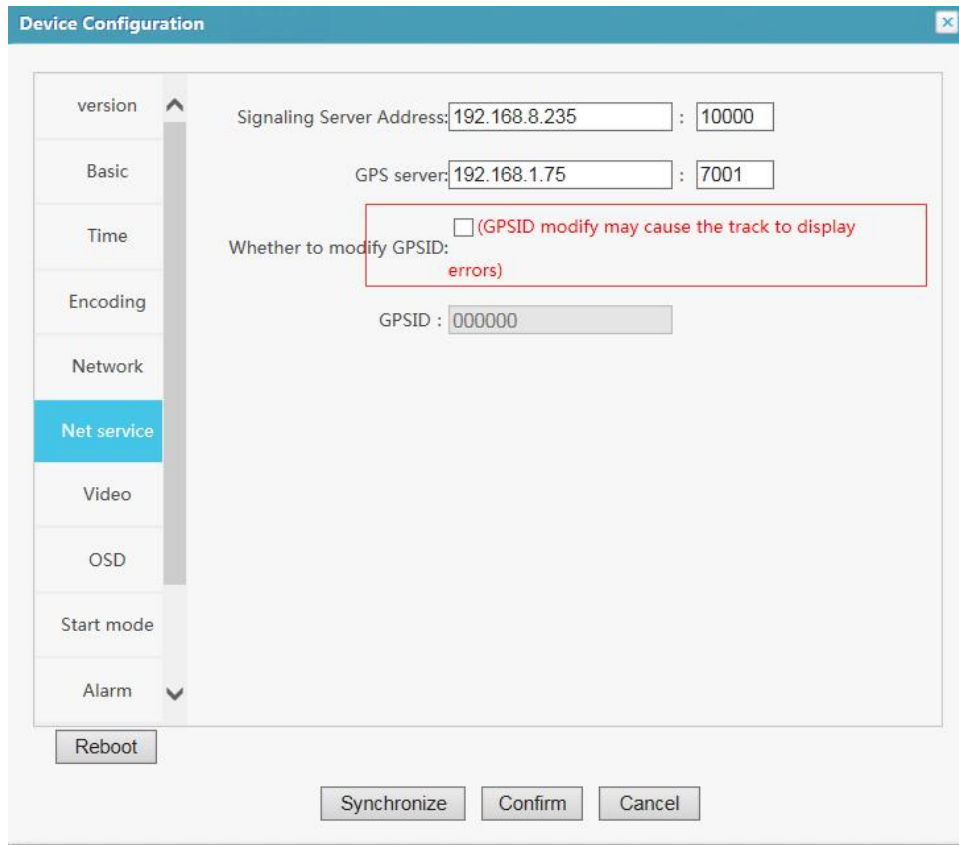
#### (2) Confirm

Click OK to modify the information about the device's network service (including the signaling server and gps server address information).

#### (3) Synchronize

Click Synchronize to synchronize information about the device's network service (including signaling server and gps server address information)





(Figure 3-2-3-6-1 Network service)

## 2.3.7 Video configuration

### (1) Query

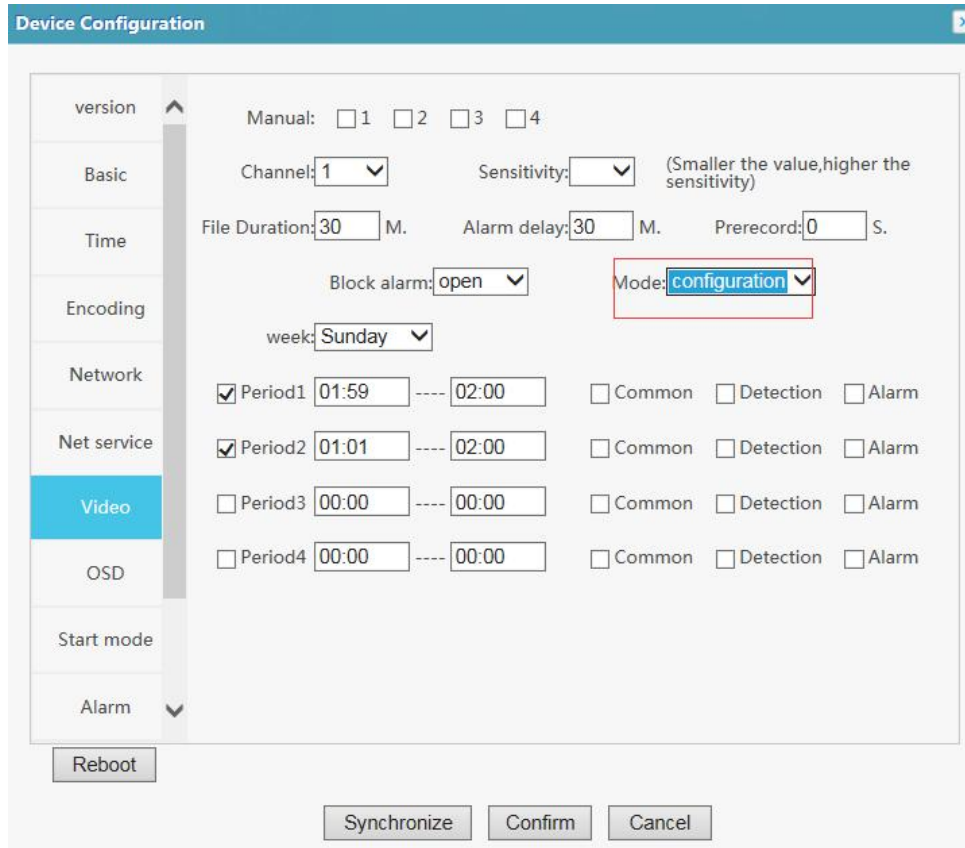
Click the video configuration to view the video configuration of the device (corresponding to the recording mode)

### (2) Confirm

Click OK to modify the recording configuration of the device (set the corresponding recording mode)

### (3) Synchronize

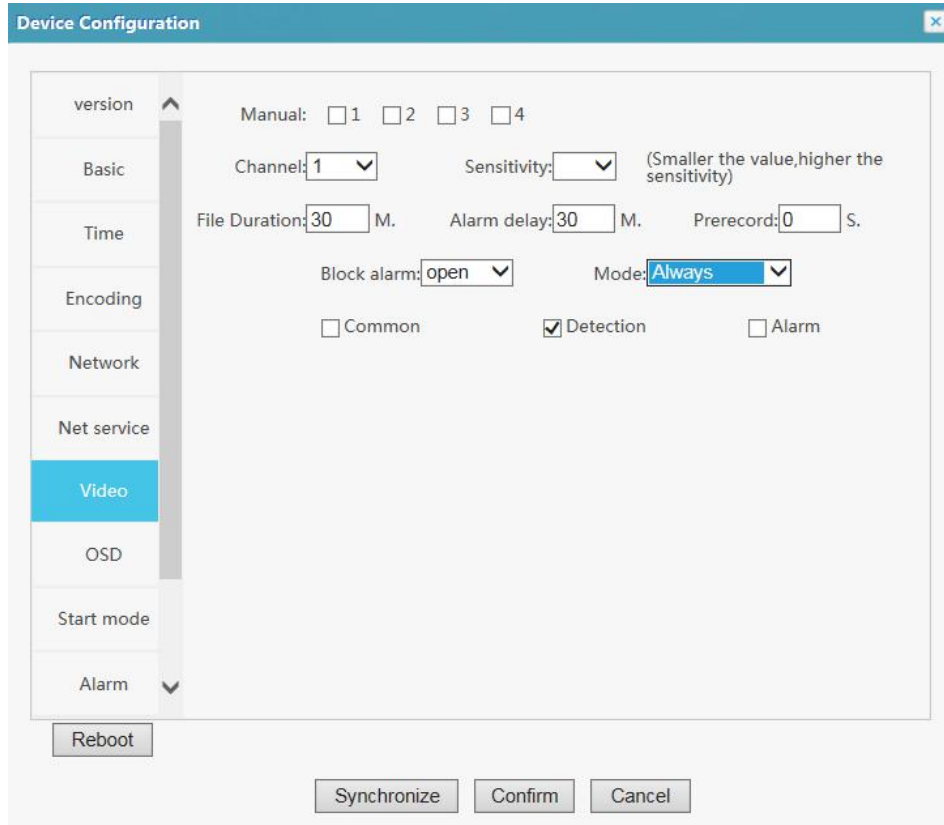
Click Sync to synchronize it to the video configuration of the device  
(background video mode)



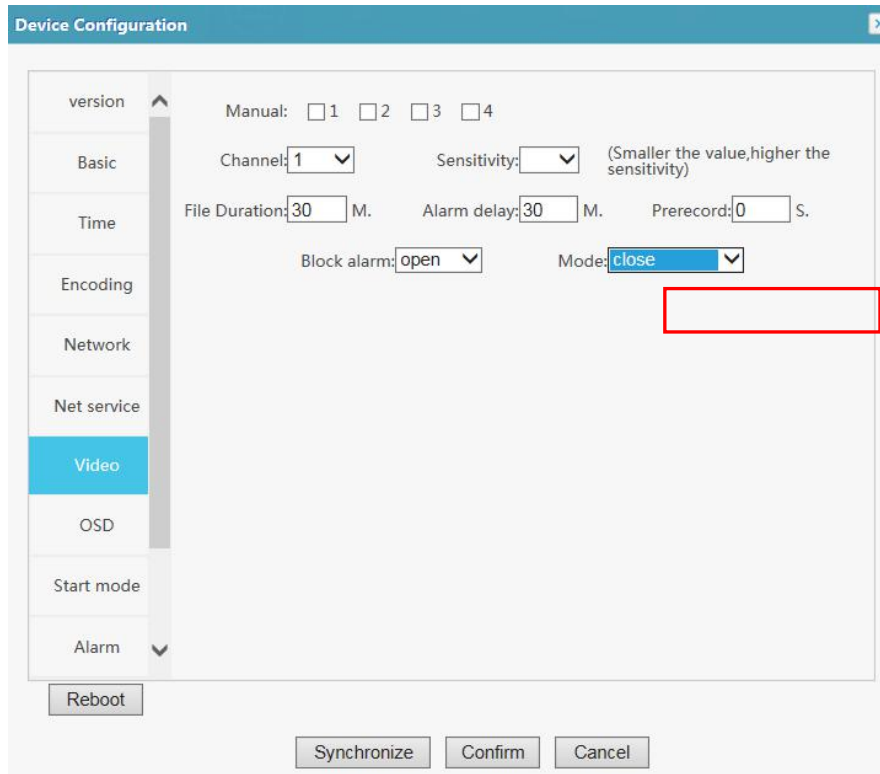
The screenshot shows the 'Device Configuration' window with the 'Video' tab selected. The 'Mode' dropdown menu is highlighted with a red box and set to 'configuration'. The 'Synchronize' button is visible at the bottom.

Version	Manual	Channel	Sensitivity	File Duration	Alarm delay	Prerecord	Block alarm	Mode	week	Period	Start	End	Common	Detection	Alarm
	<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4	1		30 M.	30 M.	0 S.	open	configuration	Sunday	<input checked="" type="checkbox"/> Period1	01:59	02:00	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
										<input checked="" type="checkbox"/> Period2	01:01	02:00	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
										<input type="checkbox"/> Period3	00:00	00:00	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
										<input type="checkbox"/> Period4	00:00	00:00	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

(Figure 3-2-3-7-1 Video configuration1)



(Figure 3-2-3-7-2 Video configuration2)



(Figure 3-2-3-7-3 Video configuration3)

### 2.3.8 OSD configuration

#### (1) Query

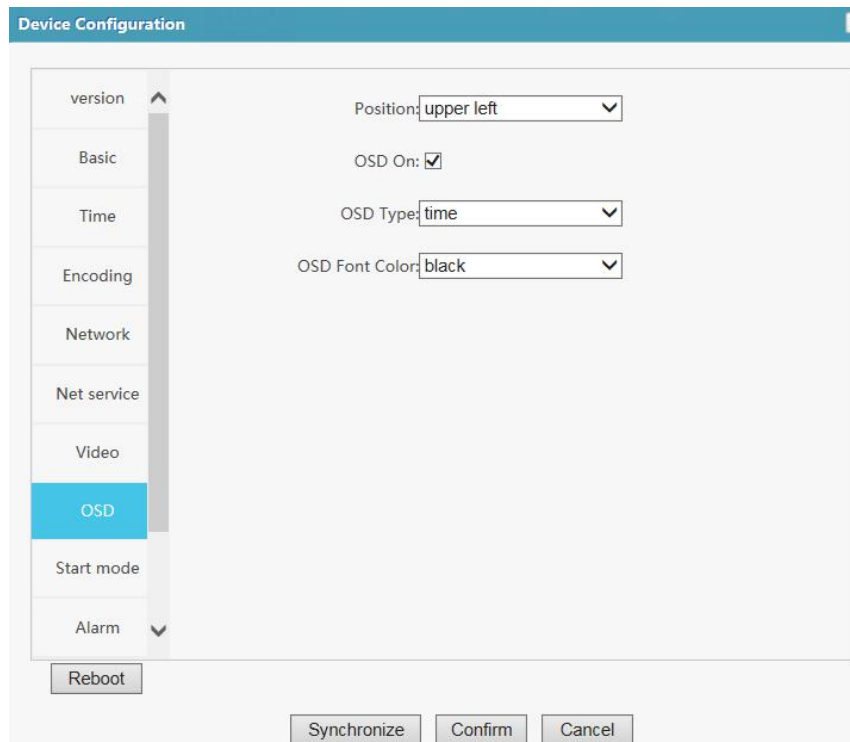
Click on the OSD configuration, the device's OSD configuration information query

#### (2) Confirm

Modify the device's OSD configuration and click OK to modify the device's OSD configuration

#### (3) Synchronize

Click Sync to synchronize it to the device's OSD configuration



(Figure 3-2-3-8-1 osd configuration)

### 2.3.9 Start mode

#### (1) Query

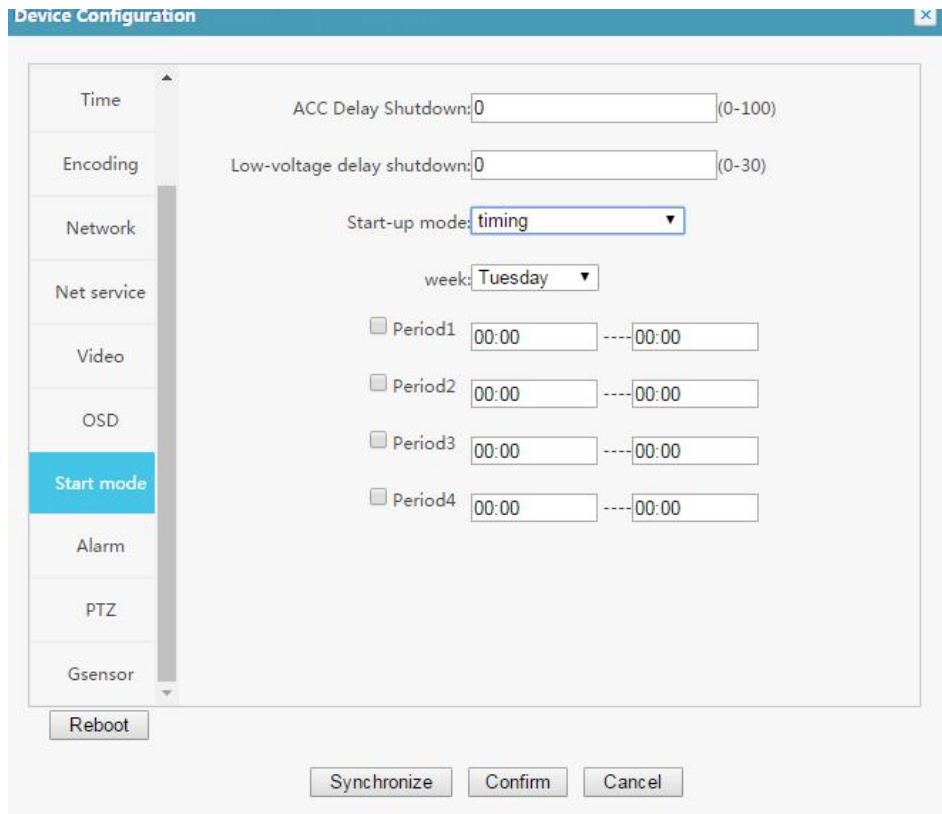
Click Startup Configuration to query the startup configuration of the device (corresponding startup mode)

#### (2) Confirm

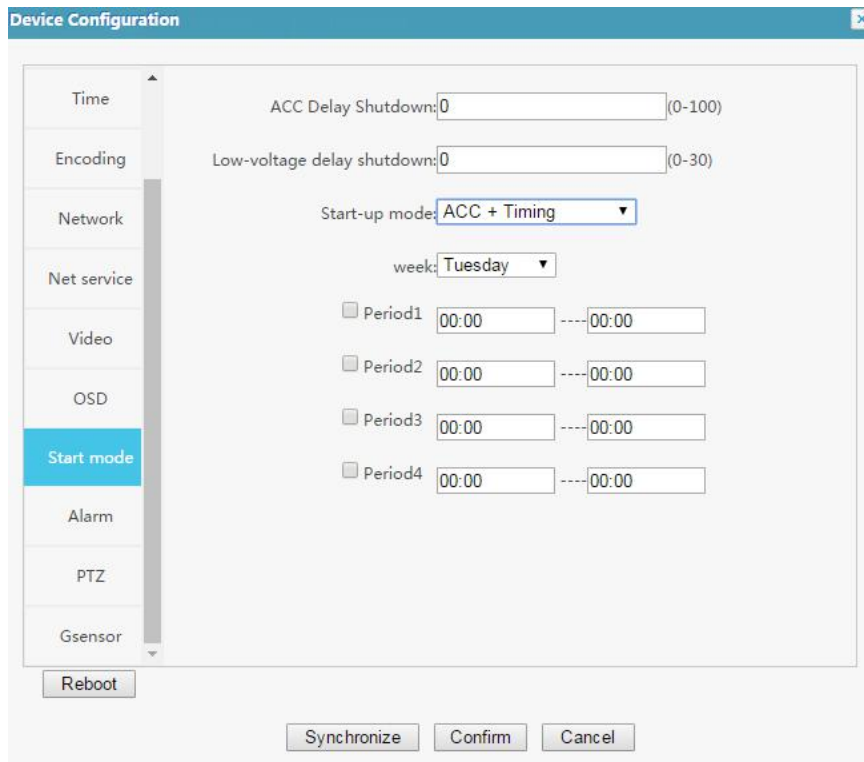
Click OK to modify the startup configuration of the device (set the corresponding recording mode)

#### (3) Synchronize

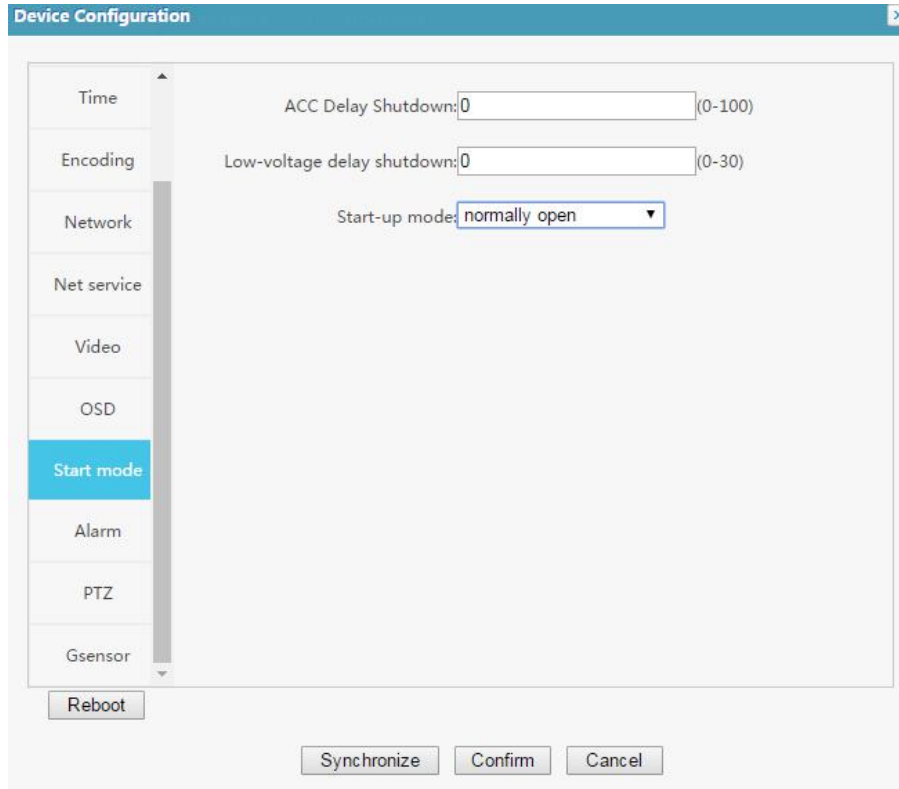
Click Synchronize to synchronize the device's startup configuration (background startup mode)



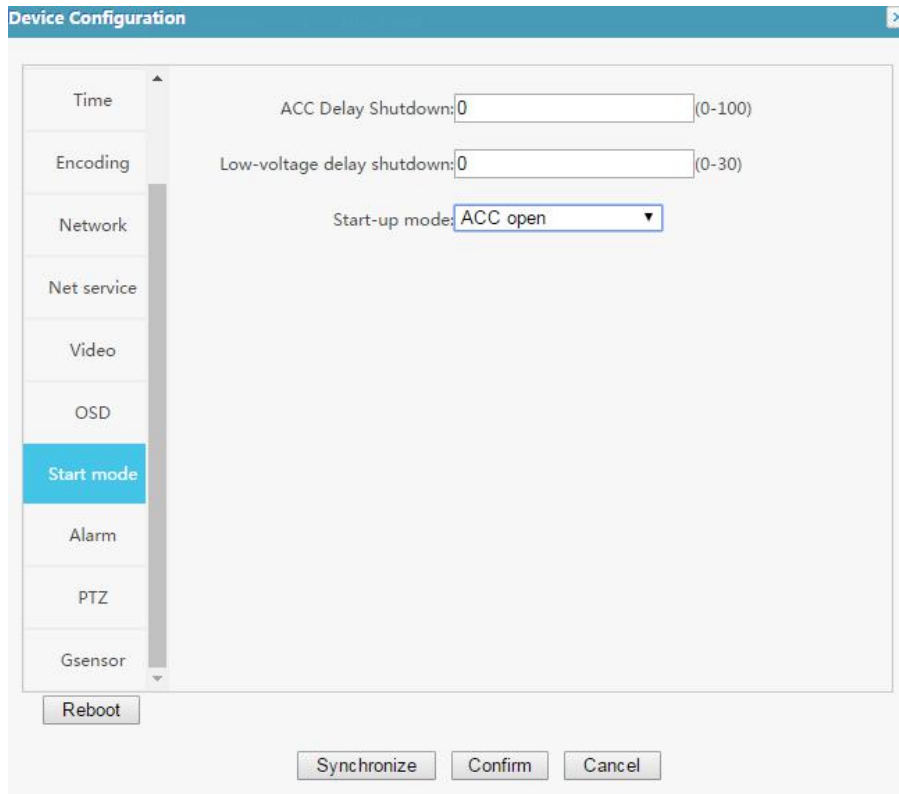
(Figure 3-2-3-9-1 Timing)



(Figure 3-2-3-9-2 ACC Timing)



(Figure 3-2-3-9-3 normally open)



(Figure 3-2-3-9-4 ACC open)

### 2.3.10 Alarm configuration

#### (1) Query

Click on the alarm configuration, query the alarm configuration information of the device (click the Advanced Configuration button, query the alarm configuration of different channels)

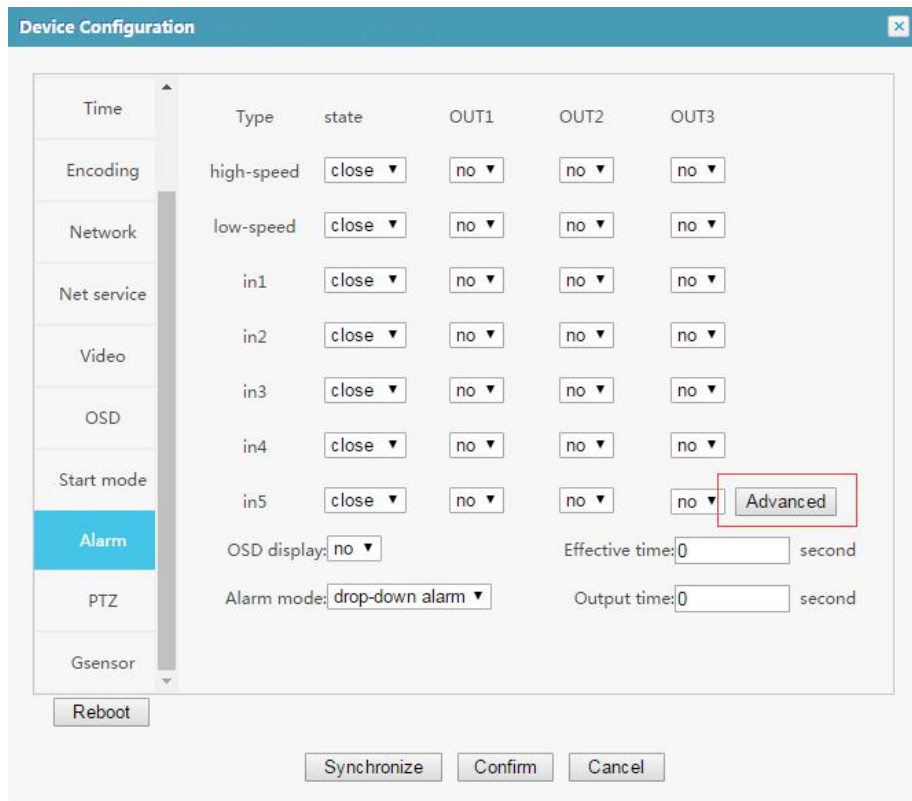
#### (2) Confirm

Click OK, modify the alarm configuration information of the device (modify the advanced configuration content, that is, for different channels for alarm configuration)

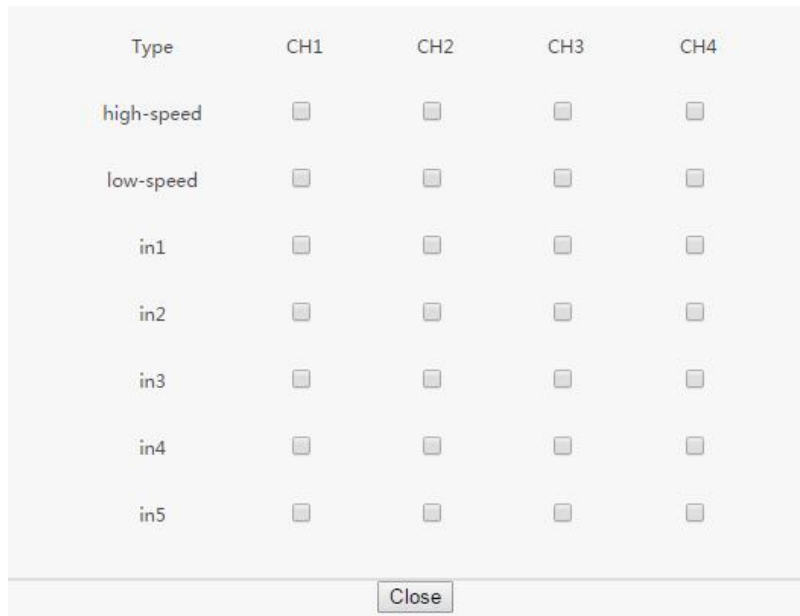
#### (3) Synchronize

Click Synchronize to synchronize the alarm configuration (advanced configuration) information for the device





(Figure 3-2-3-10-1 Alarm configuration)



(Figure 3-2-3-10-2 Alarm Configuration)

### 2.3.11 PTZ configuration

### (1) Query

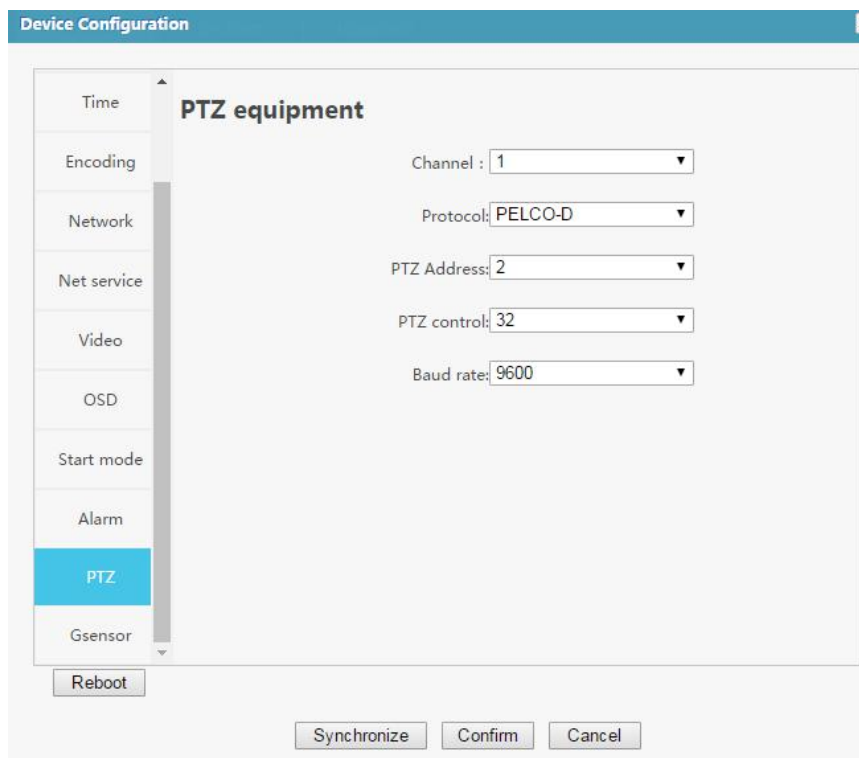
Click PTZ Configuration to view the PTZ configuration information of the device

### (2) Confirm

Click OK to modify the PTZ configuration information of the device

### (3) Synchronize

Click Synchronize to synchronize the PTZ configuration information for the device



(Figure 3-2-3-11-1 PTZ configuration)

## 2.3.12 Gsensor configuration

(1) Query

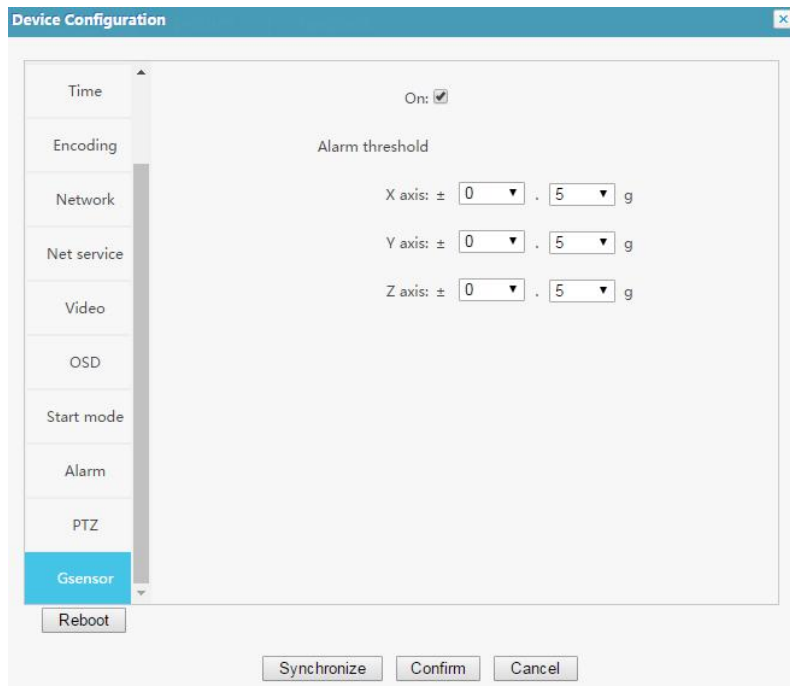
Click the gsensor configuration to query the device's gsensor configuration information

(2) Confirm

Click OK to modify the device's gsensor configuration information

(3) Synchronize

Click Synchronize to synchronize the gsensor configuration information for the device

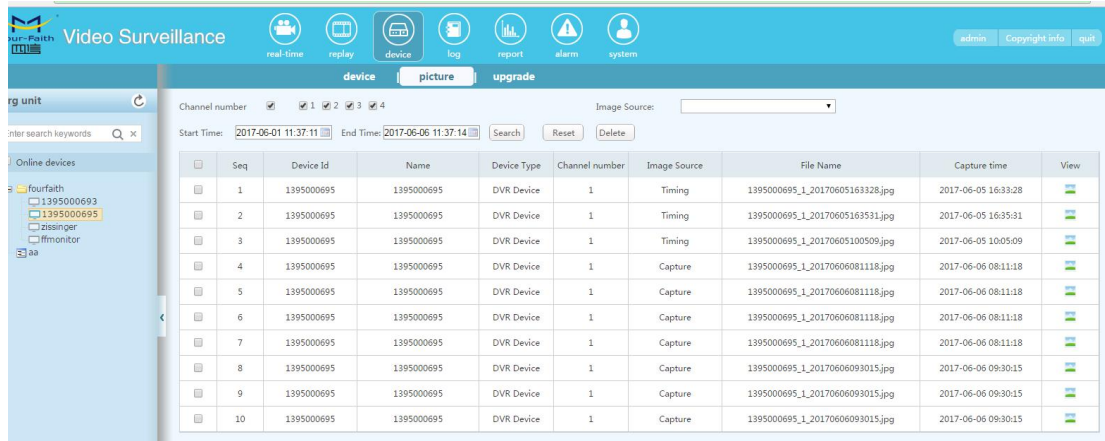


(Figure 3-2-3-12-1 gsensor configuration)

## 2、Picture playback

### 2.1 Capture picture query

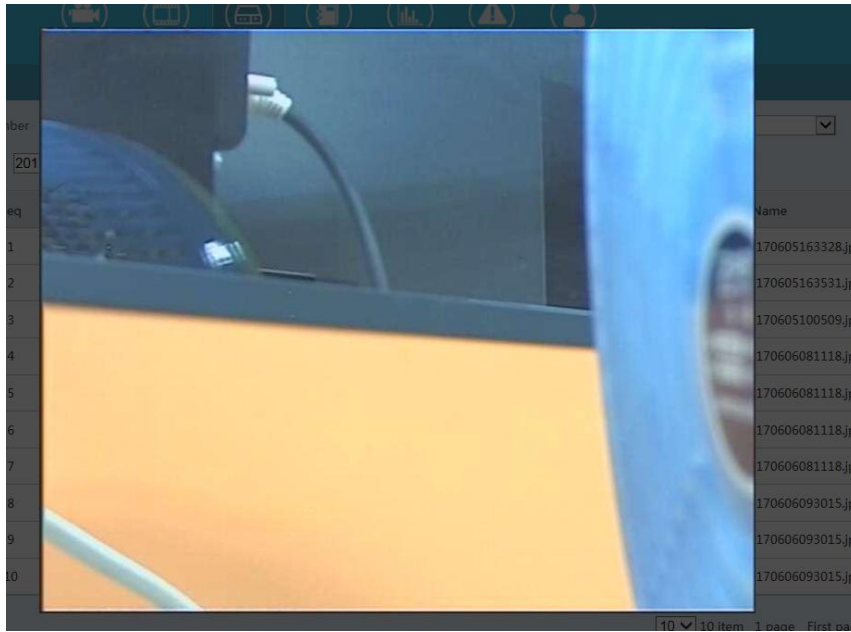
Before the query need to select a device, the query results to the list of display, can be paged display.



(Figure 3-2-1 picture query)

### 2.2 Picture view

View the list in the list can click to view the picture, click to exit the picture view.



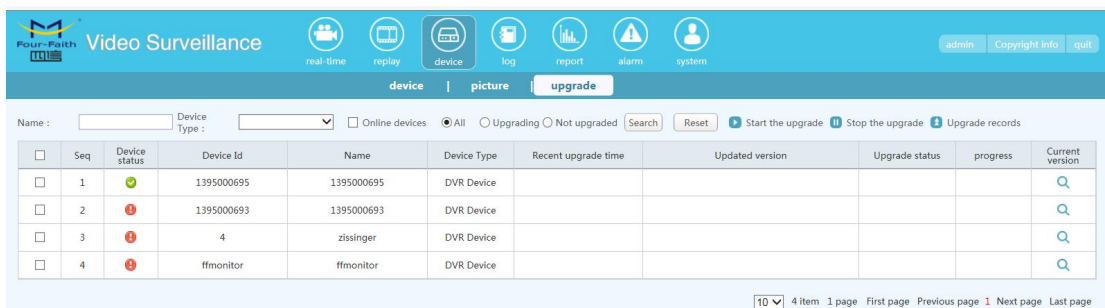
(Figure 3-2-2 picture view)

Note: The picture in the server storage time defaults to 1 month, beyond the storage time to view the picture is empty.

### 3、Upgrade management

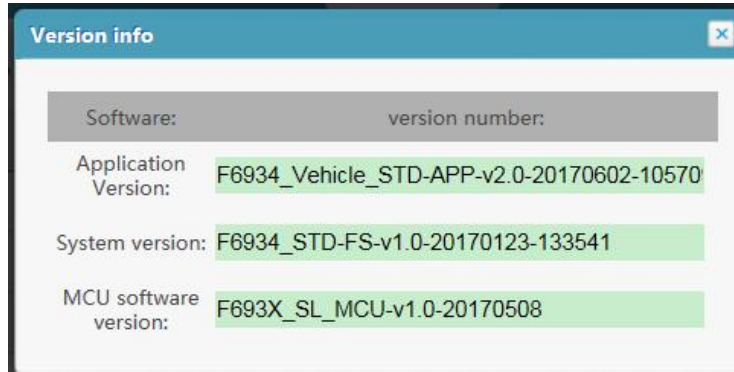
#### 3.1 Upgrade query

The query displays all visible device upgrade status.



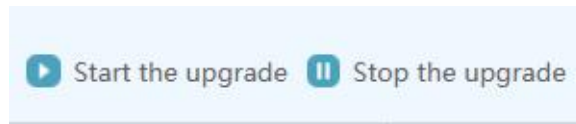
Seq	Device status	Device Id	Name	Device Type	Recent upgrade time	Updated version	Upgrade status	progress	Current version
1	Online	1395000695	1395000695	DVR Device					
2	Offline	1395000693	1395000693	DVR Device					
3	Offline	4	zissinger	DVR Device					
4	Offline	ffmonitor	ffmonitor	DVR Device					

(Figure 3-3-1-1 upgrade query)

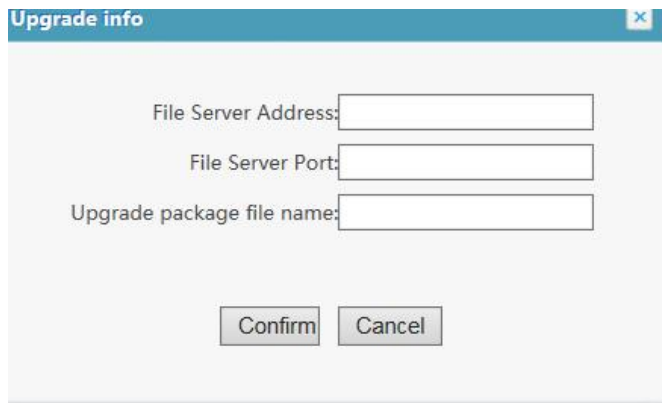


(Figure 3-3-1-2 version information query)

### 3.2 Upgrade management

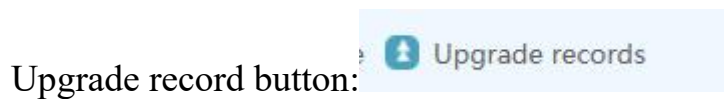


Upgrade management keys:、

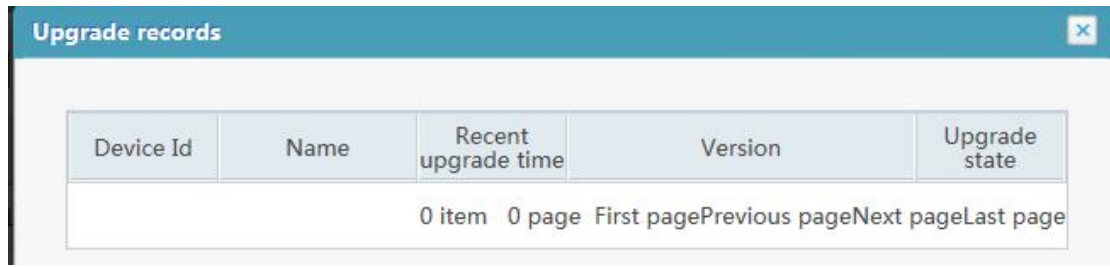


(Figure 3-3-2 Upgrade input)

### 3.3 Upgrade record



Upgrade record button:



Device Id	Name	Recent upgrade time	Version	Upgrade state
0 item 0 page First pagePrevious pageNext pageLast page				

(Figure 3-3-3 upgrade record)

# Chapter 4 Real-time monitoring

## 1、 The main function

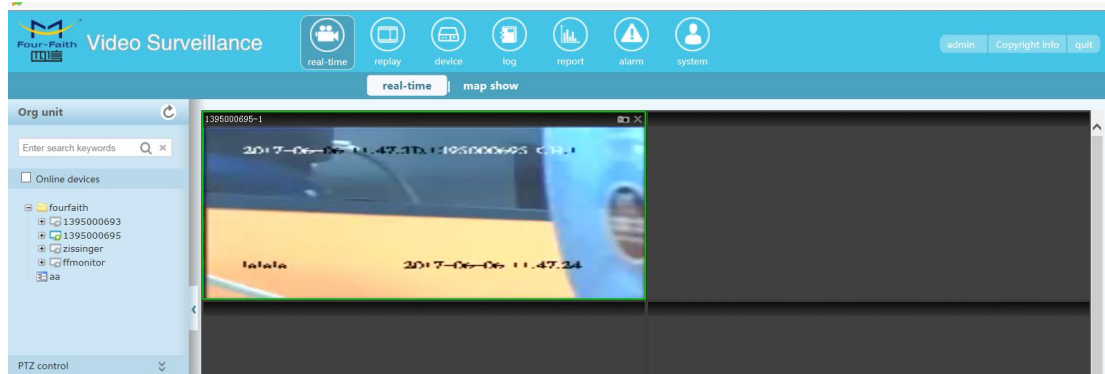
Includes: real-time audio and video playback, equipment PTZ control, video playback off control, local audio and video storage, multi-split screen switching, playback form rearrangement.

- real-time audio and video playback: according to equipment and channels to play real-time video.
- PTZ control: control the use of PTZ equipment channel, through the PTZ control conversion playback screen.
- Video playback off control: directly through the interface to close the video playback.
- Local audio and video storage: play audio and video at the same time for file storage.
- Multi-split screen switch: multi-distribution display video.
- Play the form position rearrangement: rearrange the window position.

## 2、 Device video playback

On-line devices can switch device video by clicking on the channel number.

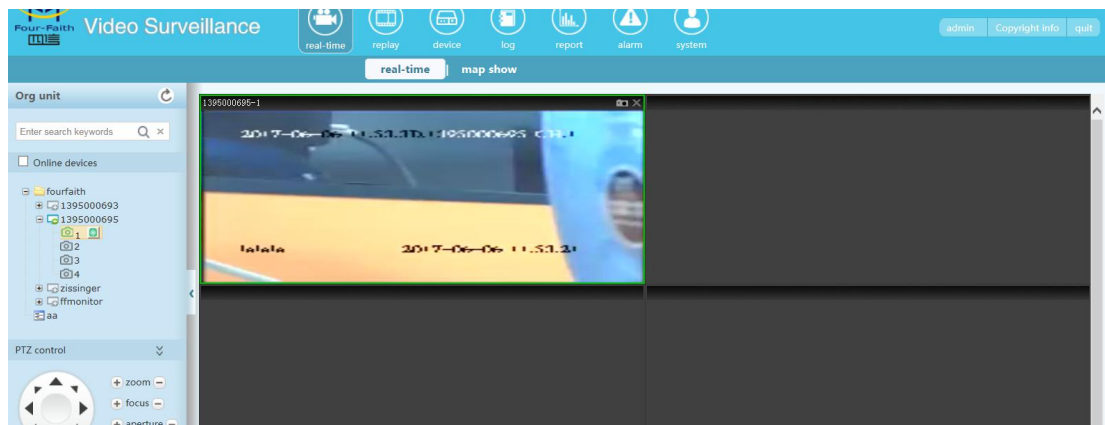




(Figure 4-2-1-1 video playback)

### 3、Device audio playback

After the device video is turned on, you can switch the audio through the audio switch button on the control.

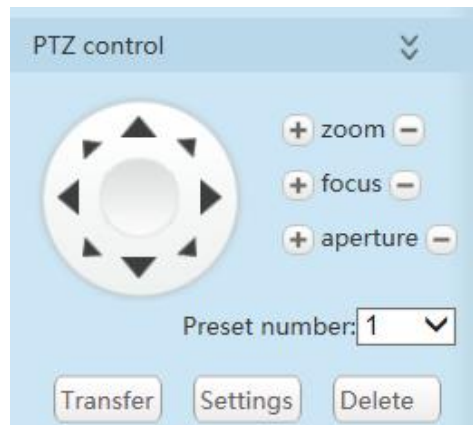


(Figure 4-3-1-1 Audio Playback)

### 4、PTZ control

The on-line device can control the device PTZ through the PTZ control area.

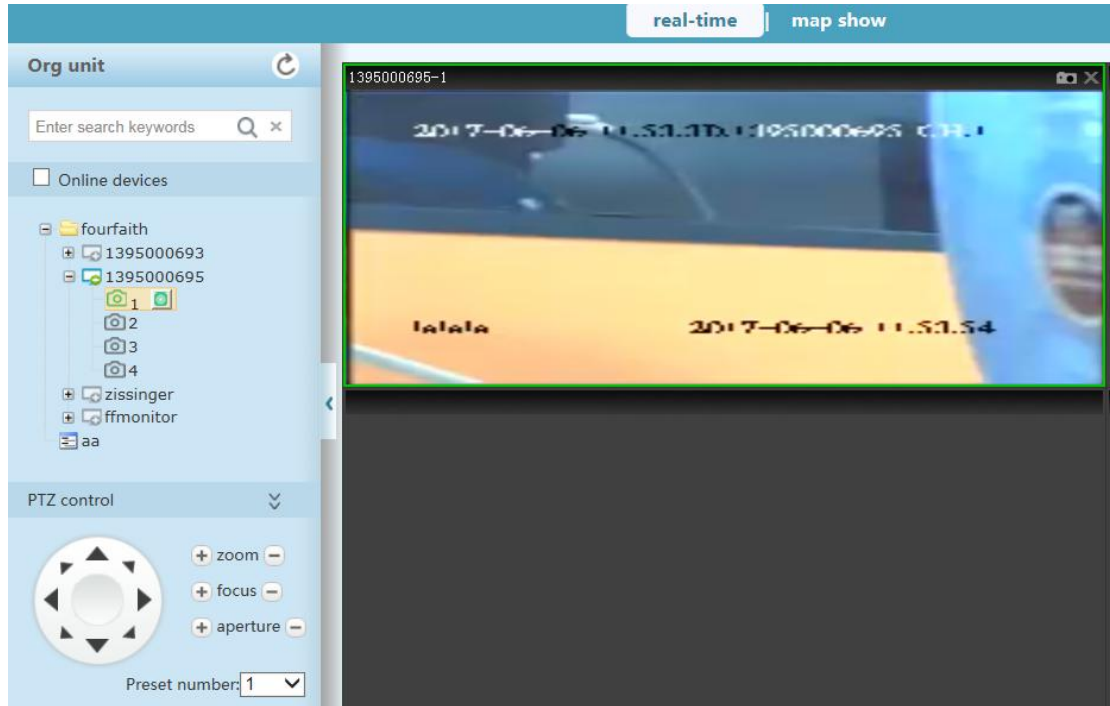
PTZ control content: camera steering, focusing near, focusing far, variable length, zoom shorter, aperture open, aperture off, cruise point increase delete, cruise open.



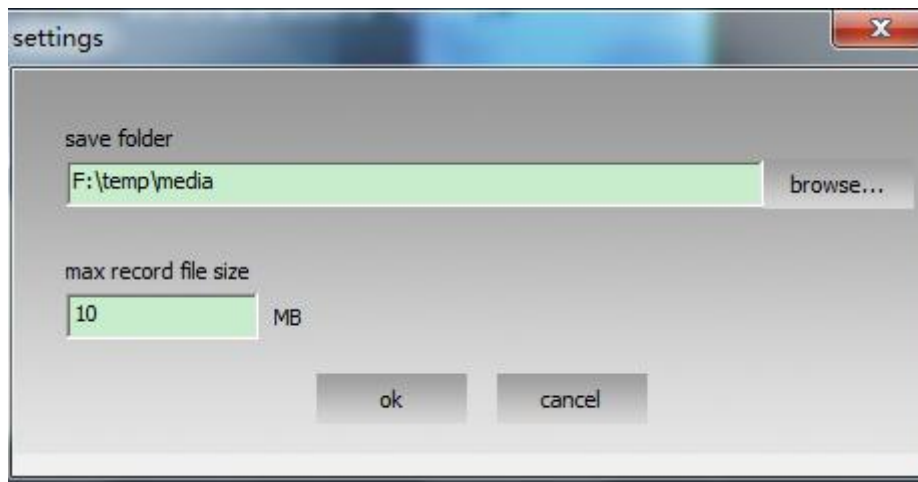
(Figure 4-4-1-1 PTZ control)

## 5、 Real-time audio and video local storage

After the device video is turned on, you can switch the real-time audio and video recording function through the video switch button on the control. The stored file can be found in the configured file path; the configured storage path also stores the downloaded video file.



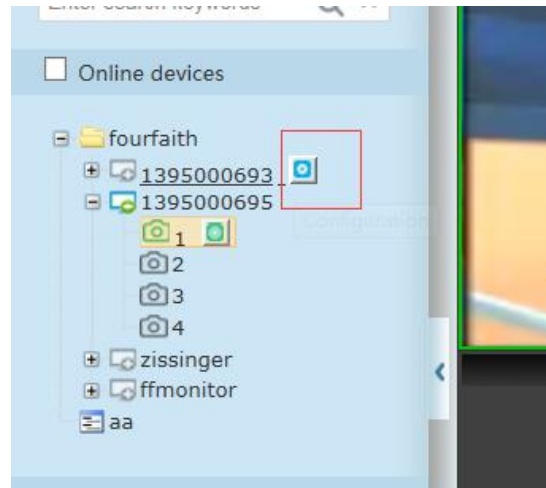
(Figure 4-5-1-1 Local Storage)



(Figure 4-5-1-2 Local Storage Configuration)

## 6、 Remote configuration

The user can enable the remote configuration feature on the device node of the video tree. The remote configuration function is the same as the 3.4 device configuration.

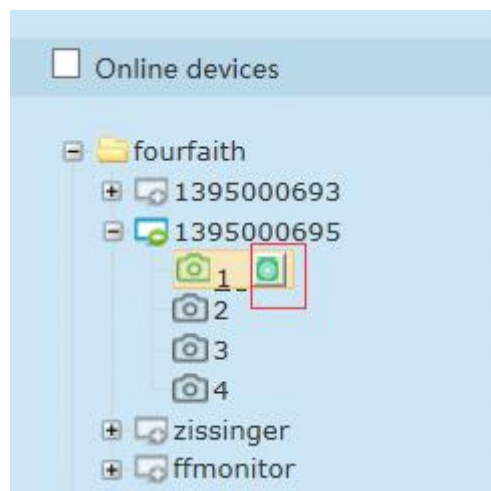


(Figure 4-6-1 Remote configuration operation)

Note: The remote configuration button is displayed after the mouse has moved to the device node.

## 7、 Remote capture

The user can enable the remote capture function at the channel node of the device tree. Remote capture, will be issued to capture the request to the device, capture the results of the default to the configuration of the folder.

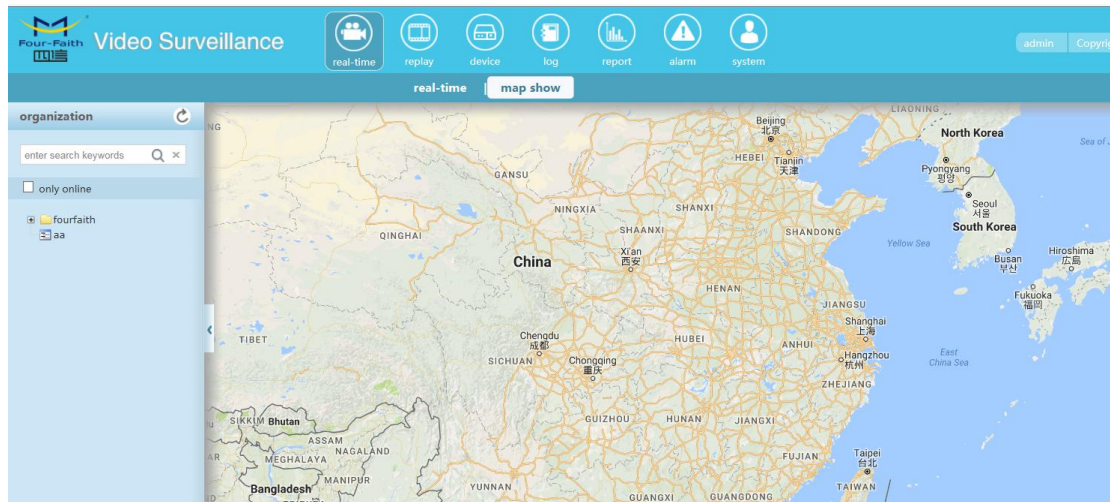


(Figure 4-7-1 Remote snap operation)

Note: The remote configuration button is displayed when the mouse is moved to the channel node.

## 8、Map display

Users in the "real-time monitoring" of the two menu "map display", you can query the device GPS positioning results.



(Figure 4-8-1 map display)

# Chapter 5 Video playback

## 1、The main function

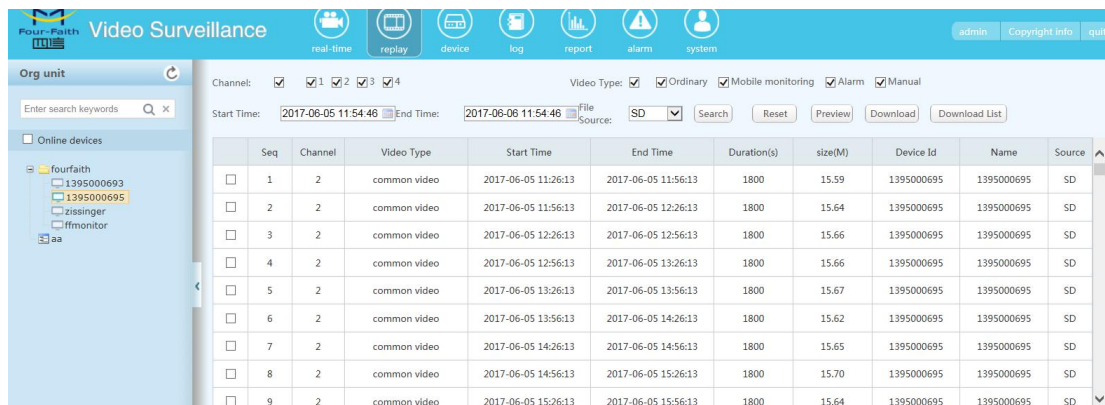
Contains 3 blocks: video query, video preview, video download.

- Video search: select the device, fill in the query conditions after the search can be a list of video files.
- Video Preview: Check one of the video lists to make a video preview.
- Video download: Check one of the video list can be downloaded.

## 2、Video search

By selecting an online device you can query the device to store the video.

Query conditions must be filled before the query conditions, the server returns the results according to the query conditions.



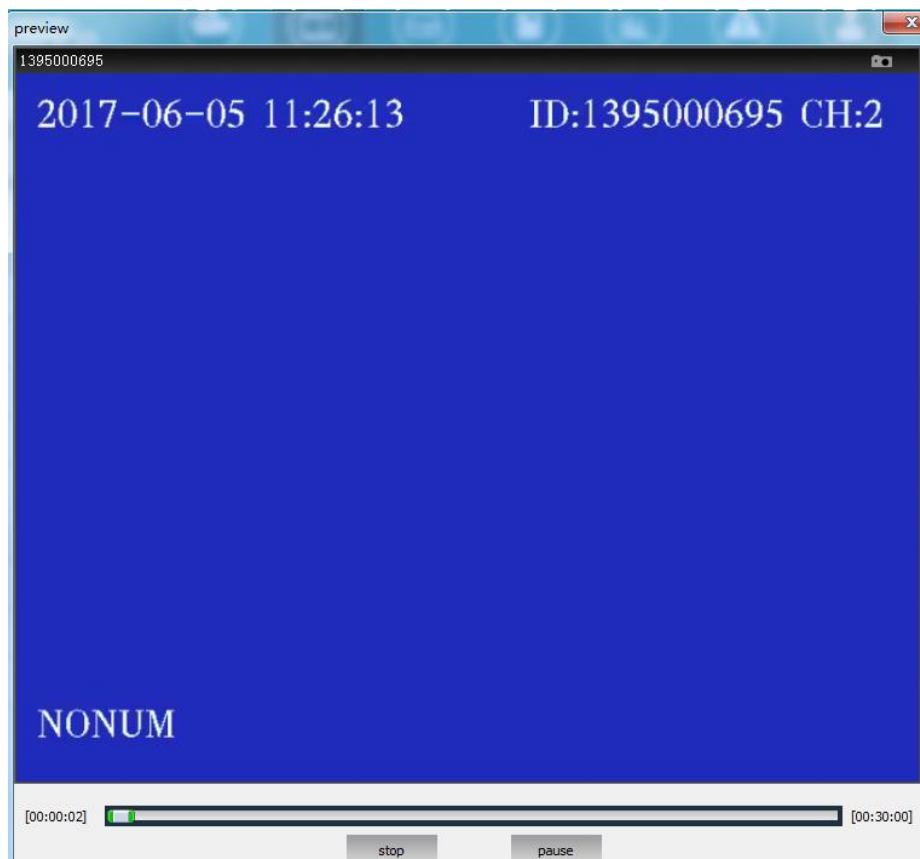
The screenshot shows the 'Video Surveillance' interface with a search results table. The table has columns for Seq, Channel, Video Type, Start Time, End Time, Duration(s), size(M), Device Id, Name, and Source. The results show 9 entries for 'common video' files from device 1395000695.

Seq	Channel	Video Type	Start Time	End Time	Duration(s)	size(M)	Device Id	Name	Source	
<input type="checkbox"/>	1	2	common video	2017-06-05 11:26:13	2017-06-05 11:56:13	1800	15.59	1395000695	1395000695	SD
<input type="checkbox"/>	2	2	common video	2017-06-05 11:56:13	2017-06-05 12:26:13	1800	15.64	1395000695	1395000695	SD
<input type="checkbox"/>	3	2	common video	2017-06-05 12:26:13	2017-06-05 12:56:13	1800	15.66	1395000695	1395000695	SD
<input type="checkbox"/>	4	2	common video	2017-06-05 12:56:13	2017-06-05 13:26:13	1800	15.66	1395000695	1395000695	SD
<input type="checkbox"/>	5	2	common video	2017-06-05 13:26:13	2017-06-05 13:56:13	1800	15.67	1395000695	1395000695	SD
<input type="checkbox"/>	6	2	common video	2017-06-05 13:56:13	2017-06-05 14:26:13	1800	15.62	1395000695	1395000695	SD
<input type="checkbox"/>	7	2	common video	2017-06-05 14:26:13	2017-06-05 14:56:13	1800	15.65	1395000695	1395000695	SD
<input type="checkbox"/>	8	2	common video	2017-06-05 14:56:13	2017-06-05 15:26:13	1800	15.70	1395000695	1395000695	SD
<input type="checkbox"/>	9	2	common video	2017-06-05 15:26:13	2017-06-05 15:56:13	1800	15.64	1395000695	1395000695	SD

(Figure 5-2-1-1 video query)

### 3、 Video preview

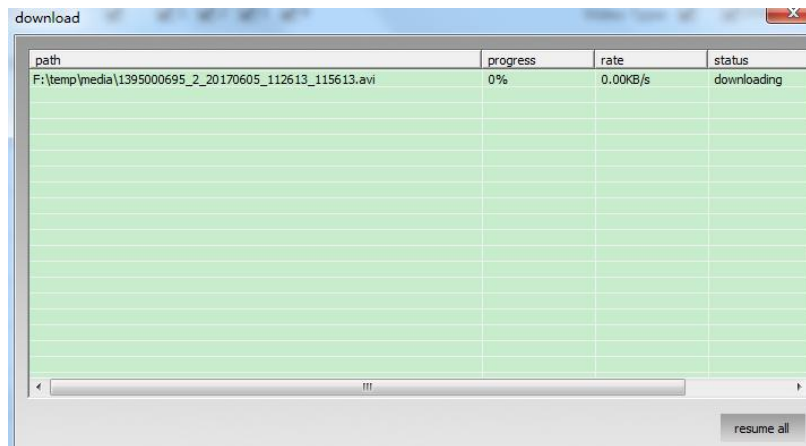
Query to the video and select the corresponding video You can click the "Preview" button to preview the video, video preview operation to play and pause.



(Figure 5-3-1-1 Video preview)

## 4、 Video download

Select the video file Click the "Download" button to add the download file. Video download results and processes can be viewed in the download list.



( Figure 5-4-1-1 video download )

Double-click the download, close the page or refresh the page to stop the download. You can download the video file by downloading it only when you double-click the download item.

# Chapter 6 Log Management

## 1、 The main function

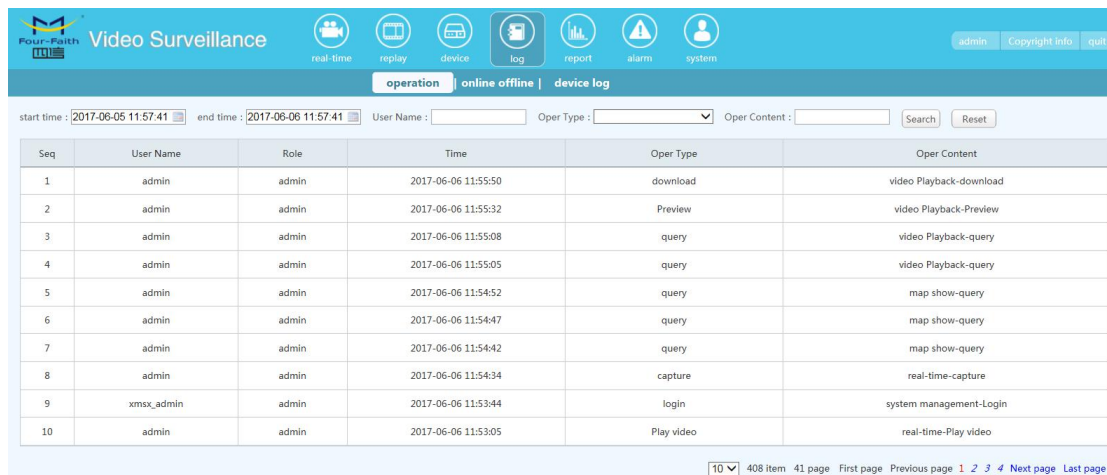
Contains 3 blocks: operation log, online log and device log.

- Operation log: record the user's operating traces.
- Online log: record the device on and off line records.
- Device Log: Logging device log information can be exported.



## 2、 Operation log

Operation log query conditions are: start time, end time, user name, operation type and operation content. Start time and end time interval control in 1 day range, other items can not fill the query.

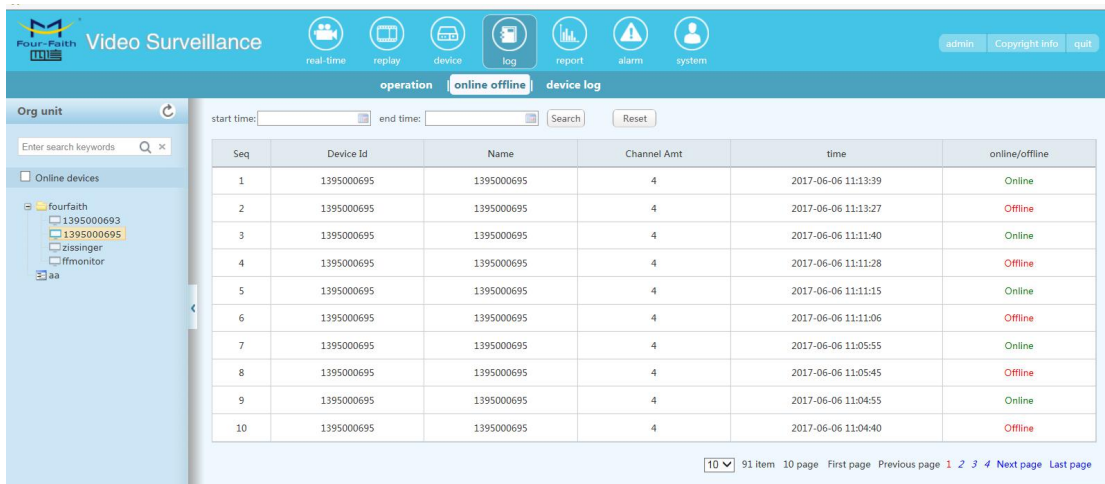


Seq	User Name	Role	Time	Oper Type	Oper Content
1	admin	admin	2017-06-06 11:55:50	download	video Playback-download
2	admin	admin	2017-06-06 11:55:32	Preview	video Playback-Preview
3	admin	admin	2017-06-06 11:55:08	query	video Playback-query
4	admin	admin	2017-06-06 11:55:05	query	video Playback-query
5	admin	admin	2017-06-06 11:54:52	query	map show-query
6	admin	admin	2017-06-06 11:54:47	query	map show-query
7	admin	admin	2017-06-06 11:54:42	query	map show-query
8	admin	admin	2017-06-06 11:54:34	capture	real-time-capture
9	xmsx_admin	admin	2017-06-06 11:53:44	login	system management-Login
10	admin	admin	2017-06-06 11:53:05	Play video	real-time-Play video

(Figure 6-2-1 Operation log)

## 3、 Online log

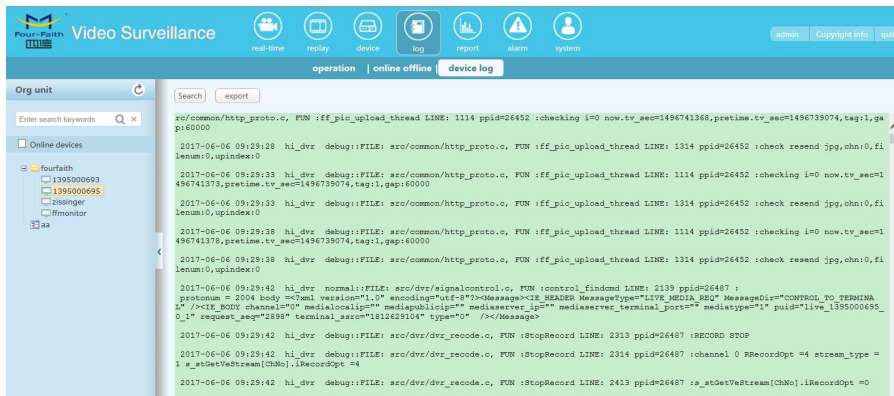
Online log query conditions are: the left of the device tree selection, start time, end time. Must choose the equipment to be queried, other items can not fill the query.



(Figure 6-3-1 Online log)

## 4、Device log

The device log query condition is: The device tree on the left selects the device to be queried.



(Figure 6-4-1 Device Log)

# Chapter 7 Statistical Report

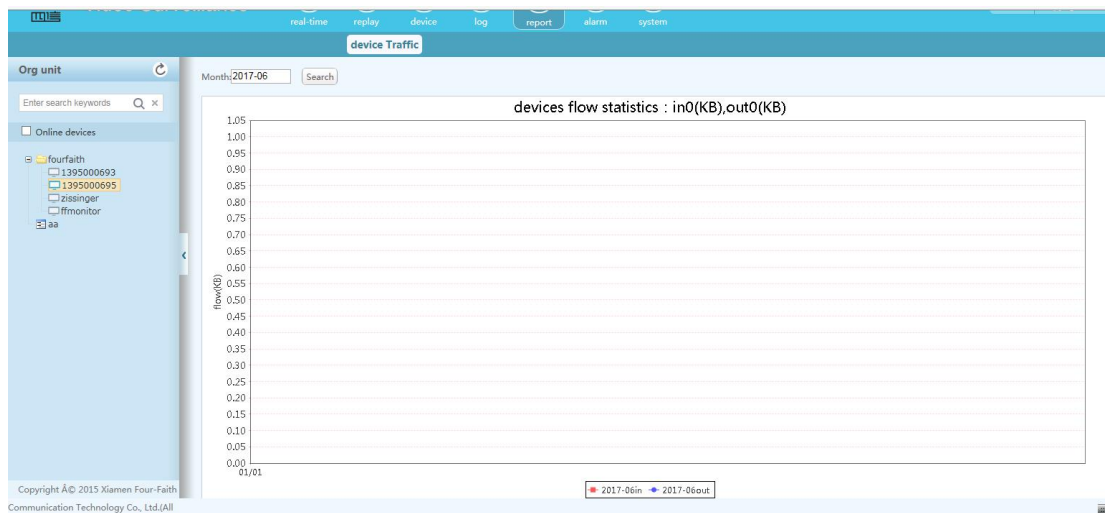
## 1、 The main function

Implementation function: Device traffic statistics.

- Device traffic statistics: statistics of a month of equipment traffic usage.

## 2、 Device traffic statistics

After selecting a device in the device tree, select the query month to click on the search to get the monthly traffic statistics.



(Figure 7-2-1 Traffic statistics)

The current statistics are in M units.

# Chapter 8 Alarm Display

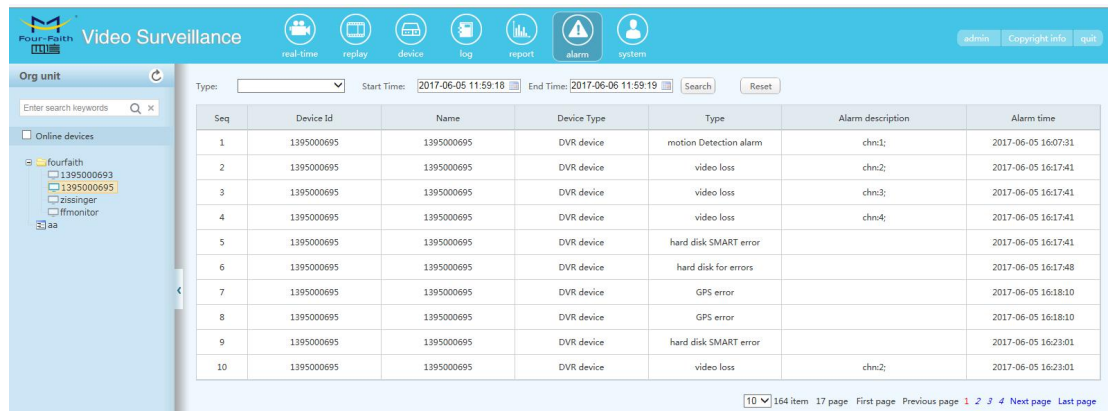
## 1、The main function

Implementation function: alarm query display.

- Alarm query display: query equipment alarm information and list display, there are flip inquiries.

## 2、Alarm inquiry display

Query conditions: alarm type, start time and end time.



The screenshot shows the 'Video Surveillance' interface with a navigation bar at the top containing icons for real-time, replay, device, log, report, alarm, and system. The 'alarm' icon is highlighted. Below the navigation bar, there are search filters for 'Type', 'Start Time' (2017-06-05 11:59:18), and 'End Time' (2017-06-06 11:59:19). A table displays the following data:

Seq	Device Id	Name	Device Type	Type	Alarm description	Alarm time
1	1395000695	1395000695	DVR device	motion Detection alarm	chn1:	2017-06-05 16:07:31
2	1395000695	1395000695	DVR device	video loss	chn2:	2017-06-05 16:17:41
3	1395000695	1395000695	DVR device	video loss	chn3:	2017-06-05 16:17:41
4	1395000695	1395000695	DVR device	video loss	chn4:	2017-06-05 16:17:41
5	1395000695	1395000695	DVR device	hard disk SMART error		2017-06-05 16:17:41
6	1395000695	1395000695	DVR device	hard disk for errors		2017-06-05 16:17:48
7	1395000695	1395000695	DVR device	GPS error		2017-06-05 16:18:10
8	1395000695	1395000695	DVR device	GPS error		2017-06-05 16:18:10
9	1395000695	1395000695	DVR device	hard disk SMART error		2017-06-05 16:23:01
10	1395000695	1395000695	DVR device	video loss	chn2:	2017-06-05 16:23:01

At the bottom of the table, there is a pagination bar showing '10' items, '17' pages, and navigation buttons for 'First page', 'Previous page', '1', '2', '3', '4', 'Next page', and 'Last page'.

(Figure 8-2-1 Alarm query)