

User Manual of Web Client (V2.3)

Index

Chapter 1 Software Installation.....	1
Chapter 2 Begin to Use	3
2.1 Login and Exit	3
2.2 Preview Interface Instruction	4
2.3 Preview Image	5
Chapter 3 Playback	6
Chapter 4 Log	7
Chapter 5 Configuration.....	8
5.1 Local Configuration	8
5.2 Remote Configuration	9
5.2.1 Device parameters	10
5.2.2 Channel parameters	12
5.2.3 Network Parameters	28
5.2.4 Serial Port Settings	32
5.2.5 Alarm Parameters.....	33
5.2.6 Other Settings	38

Chapter 1 Software Installation

This web client is embedded in DVR, when you use web browser to get access to DVR, it will be downloaded automatically. Please decrease the internet security level to make sure that the ActiveX could be downloaded successfully. Open IE browser and select as following steps: Tools→Internet options→security→internet→custom level. As shown in Fig 1.1. In the setting list you should enable all the options about ActiveX control.

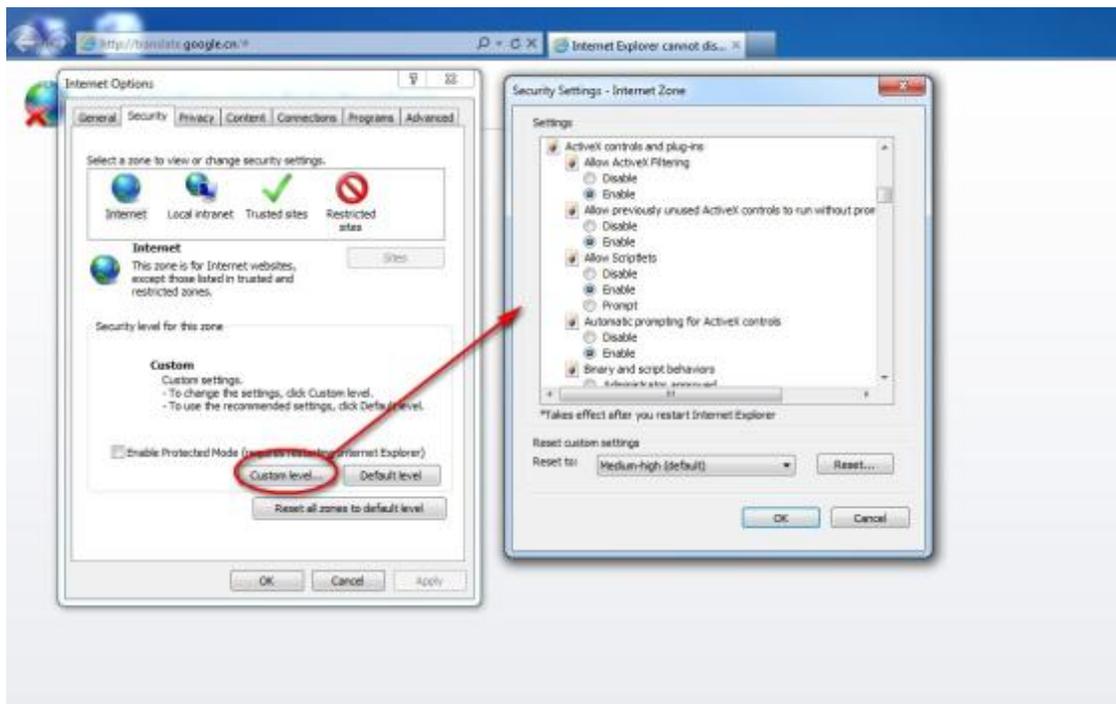


Fig 1.1

Input the IP address or domain name of DVR and press enter, the interface like Fig 1.2 will pop up. If you can see the interface, the ActiveX has been downloaded successfully.

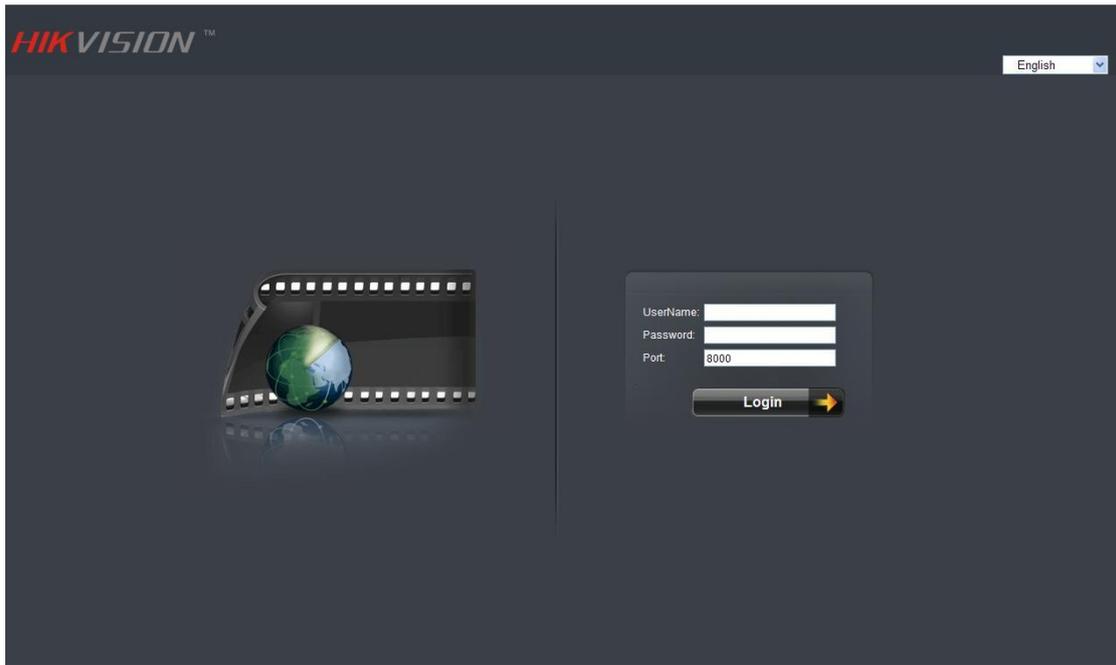


Fig 1.2

Chapter 2 Begin to Use

2.1 Login and Exit

Input username and password correctly to get access to the web client. As shown in Fig 2.1.



The image shows a login form with three input fields and a button. The first field is labeled 'UserName:' and contains the text 'admin'. The second field is labeled 'Password:' and contains six dots. The third field is labeled 'Port:' and contains the text '8000'. Below the fields is a button labeled 'Login' with a yellow arrow pointing to the right.

Fig 2.1

After getting access to the web client, you can click exit then click OK in pop-up dialog box to exit.

As shown in Fig 2.2.

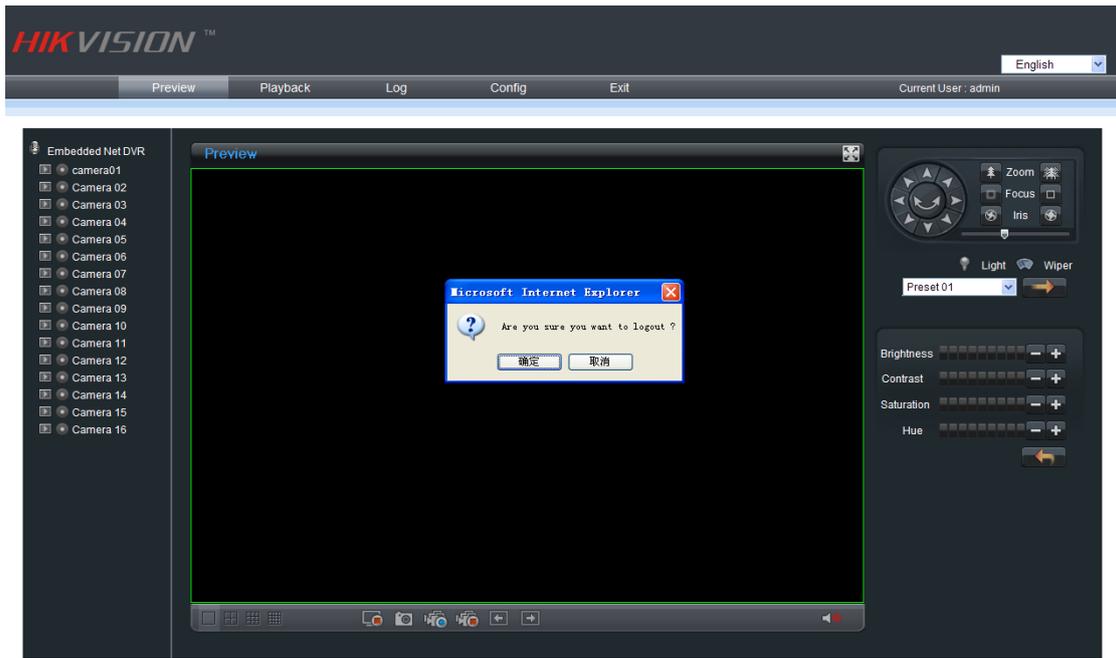
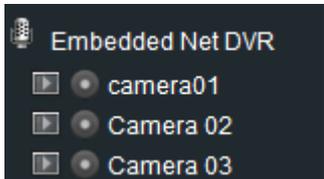
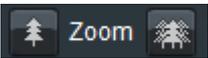
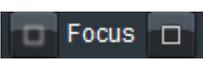


Fig 2.2

2.2 Preview Interface Instruction

1. Device name and channel name
2. Function and configuration column
3. PTZ control column
4. Image adjustment column
5. Function column
6. Preview mode column

1	 <p>Device name and channel name</p>	4	 <p>Brightness :Brightness Contrast :Contrast Saturation :Saturation Hue :Hue : Color default</p>
---	---	---	---

<p>2</p> <p>Preview : Preview</p> <p>Playback : Remote Playback</p> <p>Config : Local and Remote Configuration</p> <p>Log : Log Search and View</p> <p>Exit : Exit</p>	<p>5</p> <p> : Stop All Preview</p> <p> : Capture</p> <p> : Start recording</p> <p> : Stop recording</p> <p> : Previous page</p> <p> : Next page</p> <p> : Audio On/Off</p> <p> : Full screen</p>
<p>3</p> <p> : PTZ direction</p> <p> : light & wiper</p> <p> : Zoom in & out</p> <p> : Focus</p> <p> : Iris</p> <p> : Preset</p>	<p>6</p> <p></p> <p>Preview mode options</p>

2.3 Preview Image

Step 1 Select a preview mode.

Step 2 Select one split window and click  before channel name to start to preview.

Chapter 3 Playback

Playback interface is shown as Fig3.1.

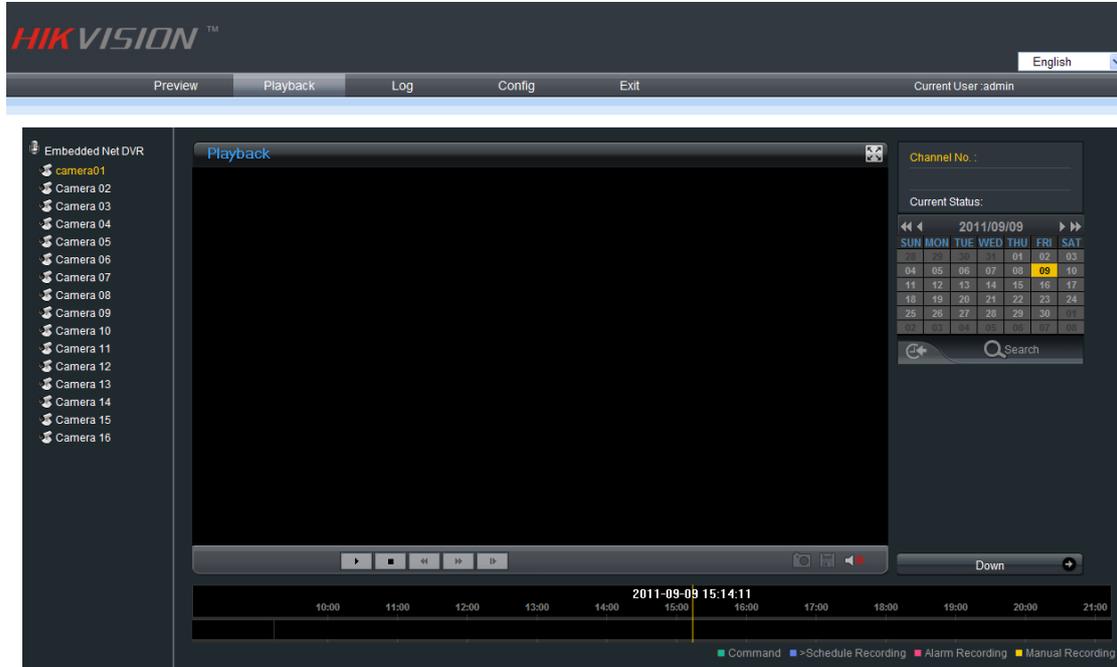
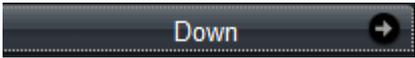


Fig 3.1

Select channel and date ,then click  to search record files.

Click  to download record files.

Chapter 4 Log

Select search type, start time and stop time then click  to search.

Shown as fig 4.1.

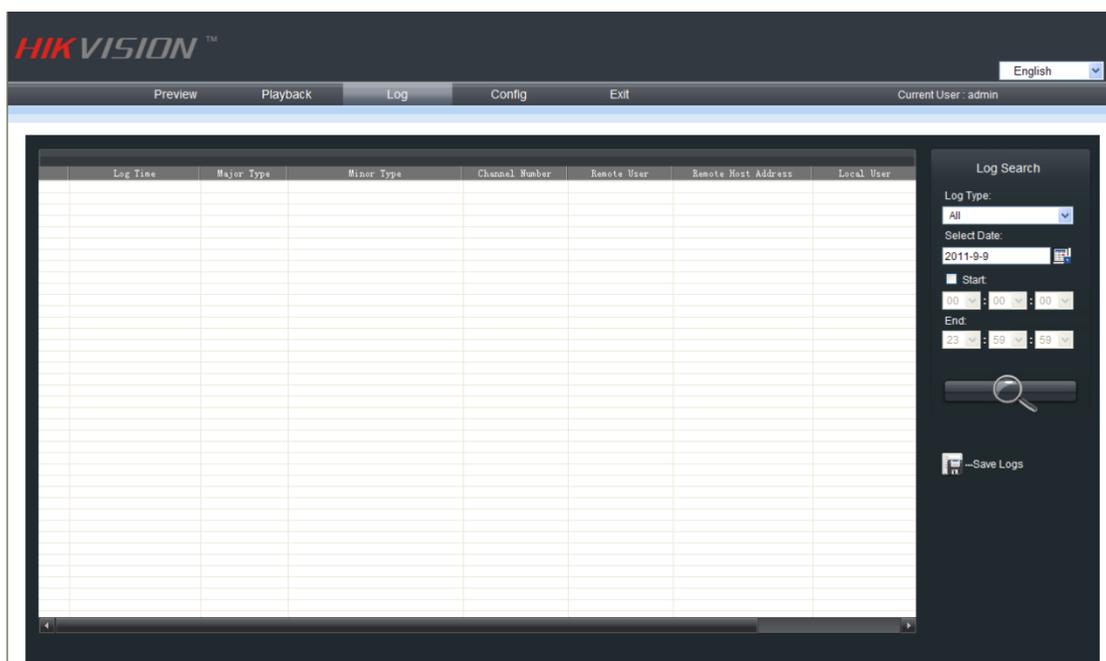
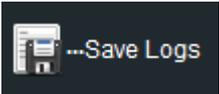


Fig 4.1

Select logs and click  to save logs.

Chapter 5 Configuration

Configuration interface is shown as Fig 5.1.

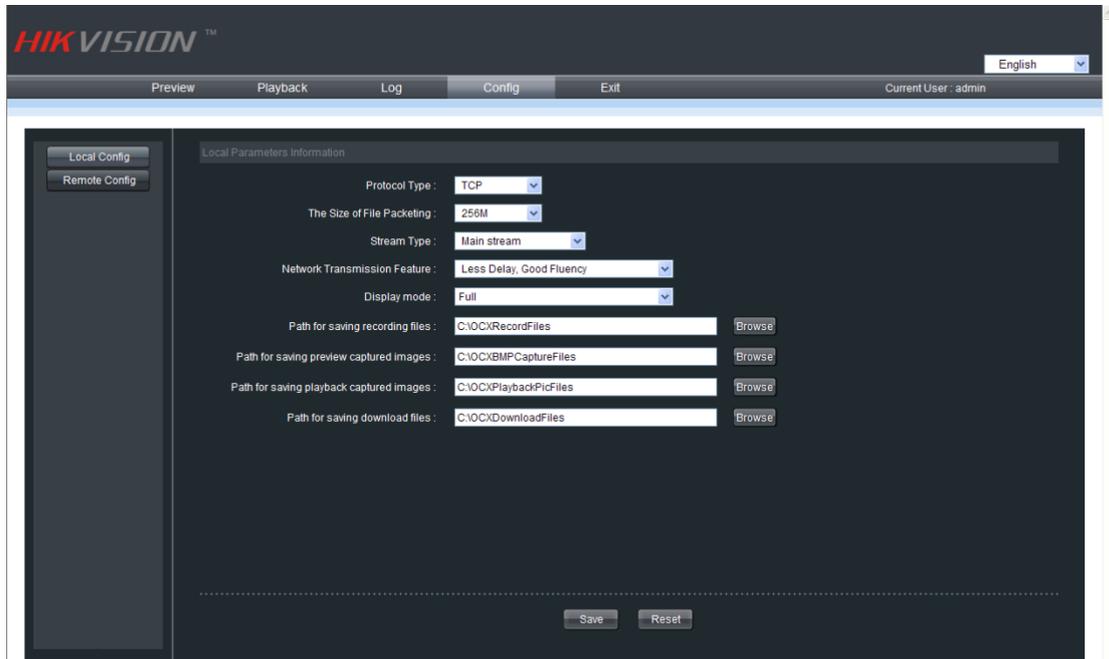


Fig 5.1

5.1 Local Configuration

Click **Local Config** to enter the local parameters configuration interface. Shown as Fig 5.2.

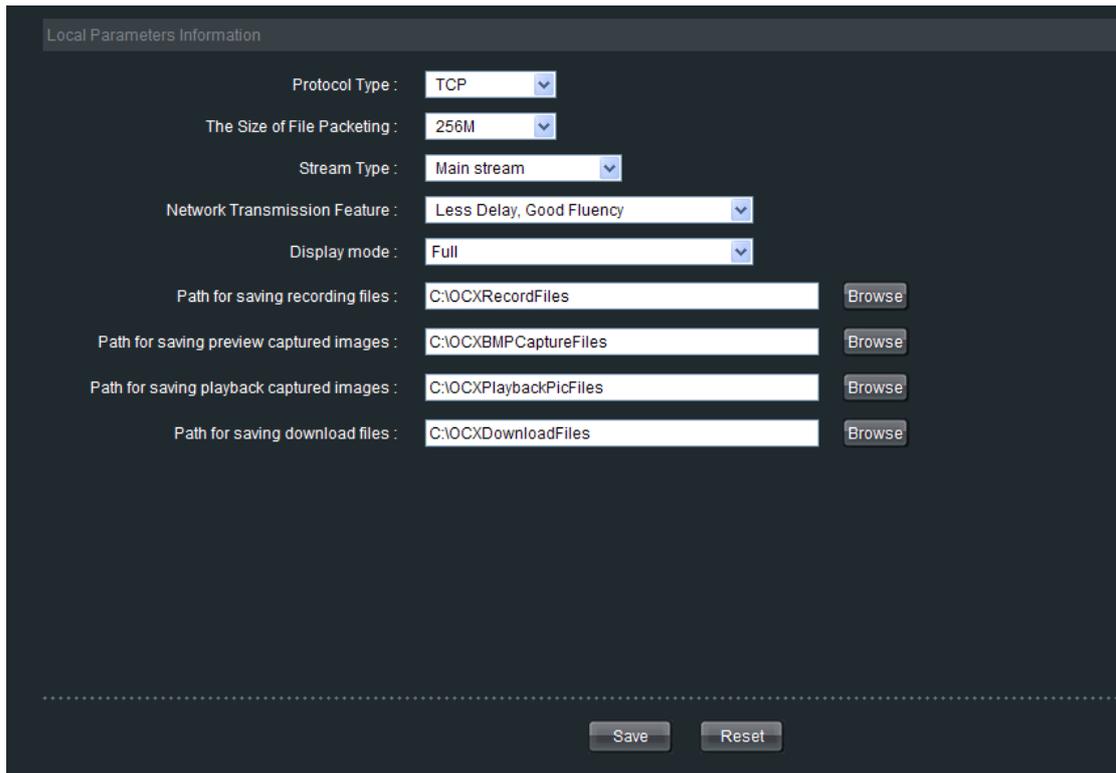


Fig 5.2

Protocol Type: TCP and UDP can be selected.

The Size of File Packeting: Select the size of file packeting when recording via web client

Stream Type: Main stream and Sub stream can be selected.

Network Transmission Feature: Set delay and fluency mode.

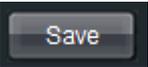
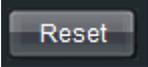
Display mode: Set display mode.

Path for saving recording files: Set the path for saving recording files.

Path for saving preview captured images: Set the path for saving preview captured images

Path for saving playback captured images: Set the path or saving playback captured images

Path for saving download files: Set the path or saving download files

After configuration, click  to save settings or click  to reset local parameters.

5.2 Remote Configuration

Click  to enter the remote parameters configuration interface. Shown as

Fig 5.3.

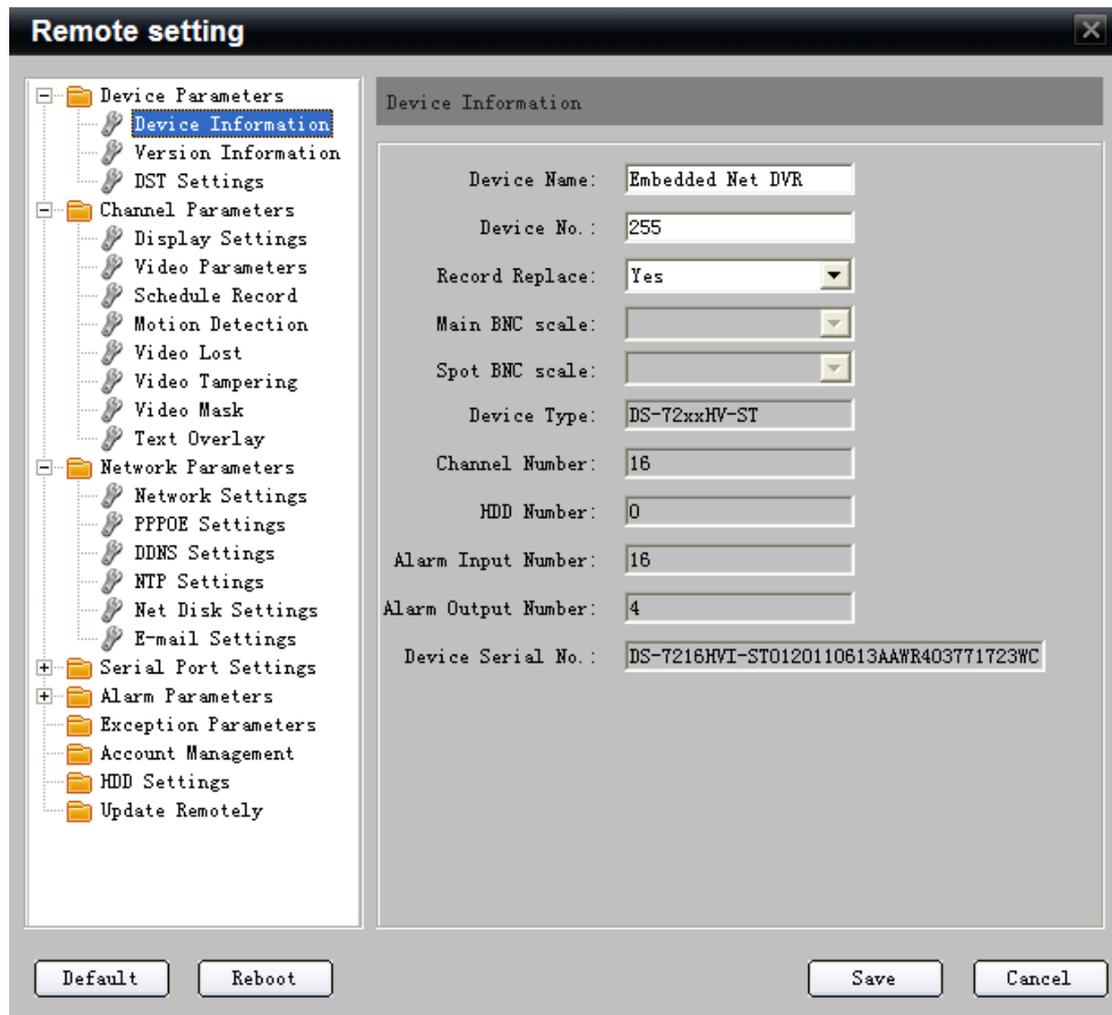


Fig 5.3

5.2.1 Device parameters

Select Device Parameters and click Device Information to get information of the device such as device name, device type, device serial NO etc. shown as Fig 5.4.

Device Information	
Device Name:	Embedded Net DVR
Device No.:	255
Record Replace:	Yes
Main BNC scale:	
Spot BNC scale:	
Device Type:	DS-72xxHV-ST
Channel Number:	16
HDD Number:	0
Alarm Input Number:	16
Alarm Output Number:	4
Device Serial No.:	DS-7216HVI-ST0120110613AAWR403771723WC

Fig 5.4

Select  Device Parameters and click  **Version Information** to get version information.

Shown as Fig 5.5.

Version Information	
Version:	V1.1.1 build 110823
Encode Version:	V5.0 build 110715
Panel Version:	10
Hardware Version:	0xb0

Fig 5.5

Select  Device Parameters and click  **DST Settings** to set DST. Click **Enable DST**

to fill start time and end time. Shown as Fig 5.6.

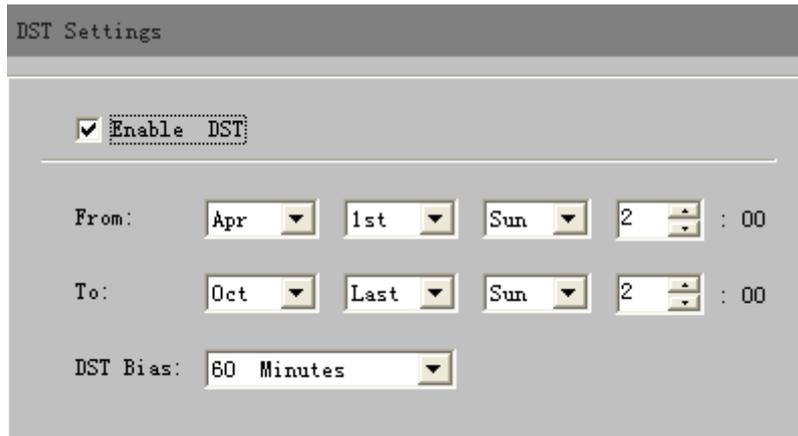


Fig 5.6

5.2.2 Channel parameters

5.2.2.1 Video Parameters

Select  Channel Parameters and click  Video Parameters to enter encoding parameters configuration interface. Shown as Fig 5.7.

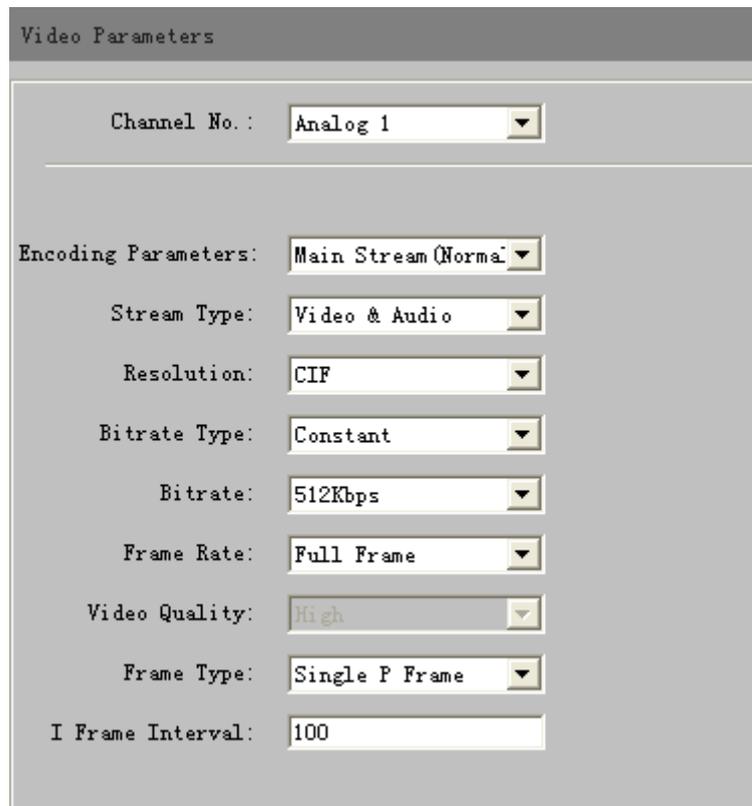


Fig 5.7

Parameters	Description
Encoding Parameters	Main/Sub stream and Event Parameters
Stream Type	Video & Audio or Video stream
Resolution	Recording Resolution
Video Quality	Highest, higher, high, average, lower, lowest
Bitrate Type	Variable & Constant
Max Bitrate	Maximum bit rate of the compressed stream
Frame Rate	Record frame rate, from 1/16 to full frame
Frame Type	BBP,BP & Single P frame
I frame interval	The interval between 2 I frames

5.2.2.2 Schedule Record

Select  Channel Parameters and click  Schedule Record to enter configuration interface. Shown as Fig 5.8.

Enable recording by clicking the tick .

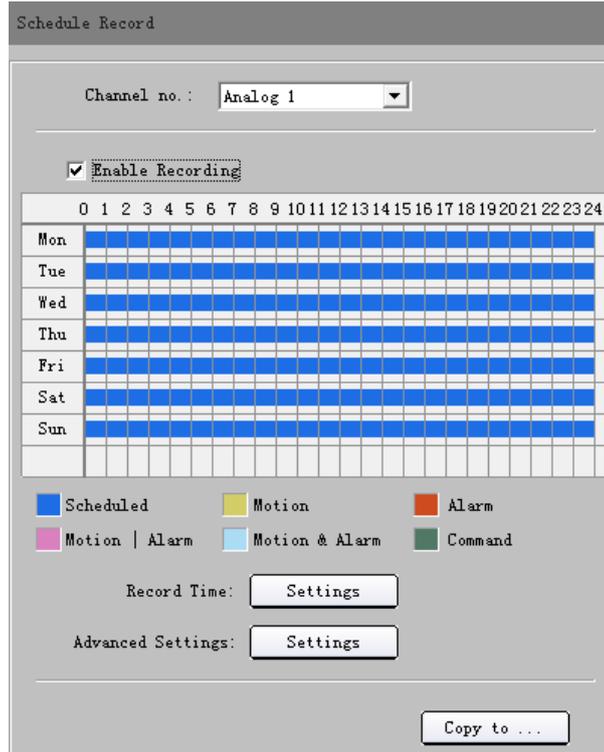


Fig 5.8

Click “Settings” of the “Record Time” to enter recording schedule configuration interface.

Select “Weekday” as some day of the week or the whole week for recording time.

Click for the recording type. The “All Day Recording” or 8 “Segments” can be selected as well. Shown as Fig 5.9.



Fig 5.9

 Note: The time of each segment can't be overlapped.

Click “Settings” of the “Advanced settings” to enter advanced settings. you can set pre/post record time. Shown as Fig 5.10.

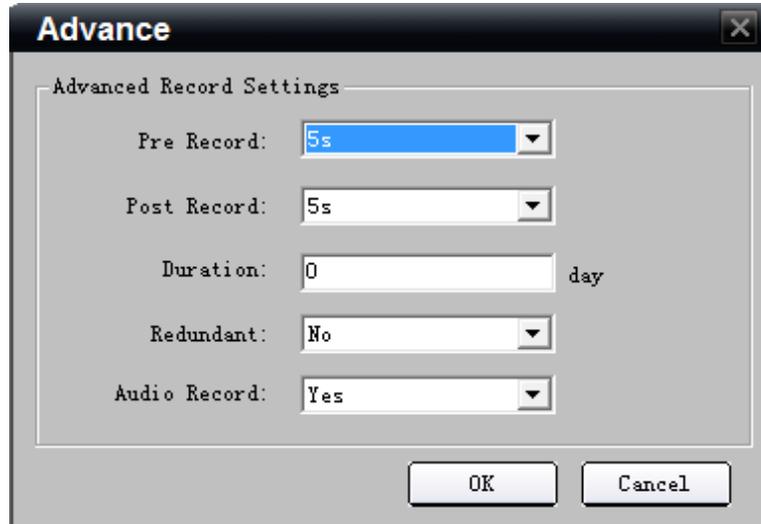


Fig 5.10

5.2.2.3 Motion Detection

Select  Channel Parameters and click  Motion Detection to enter motion detection recording interface. Shown as Fig 5.11.

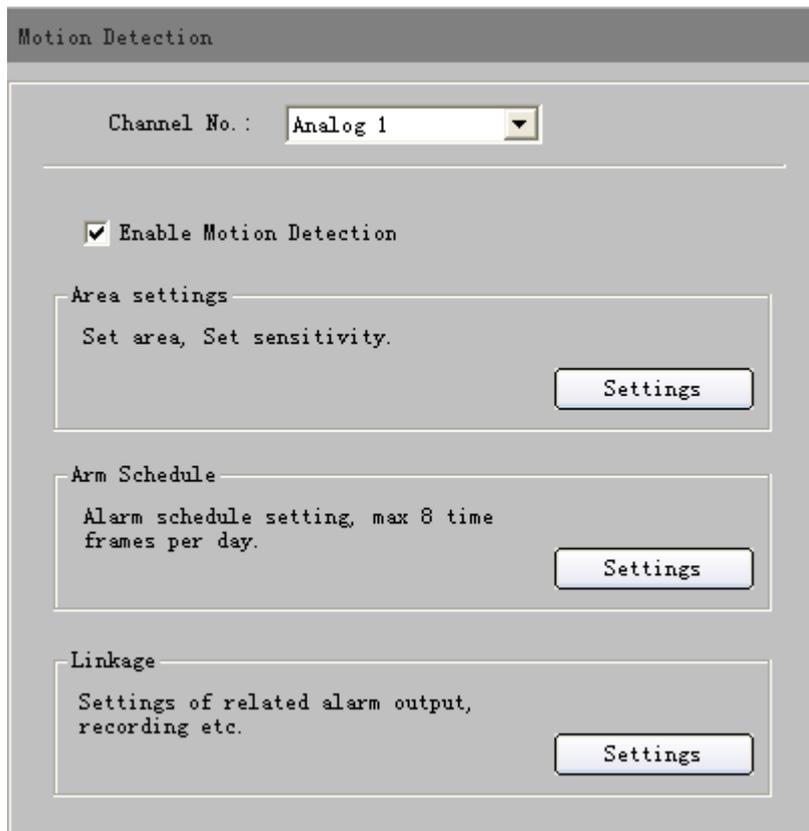


Fig 5.11

Step 1: Select channel number for motion detection. Shown as Fig 5.12

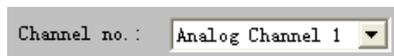


Fig 5.12

Step 2: Enable motion detection to activate “Setting Area”, “Arm Schedule” and “Linkage” settings.

Step 3: Set the motion detection area and sensitivity.

The sensitivity 1 and 6 are the lowest and the highest level.

Enable “Start Draw”, and select the detection area by using mouse. Shown as Fig 5.13



Fig 5.13

Step4: Set the detection time.

"Arm Schedule" can be one day or the whole week, and 8 segments for one day. Shown as

Fig 5.14

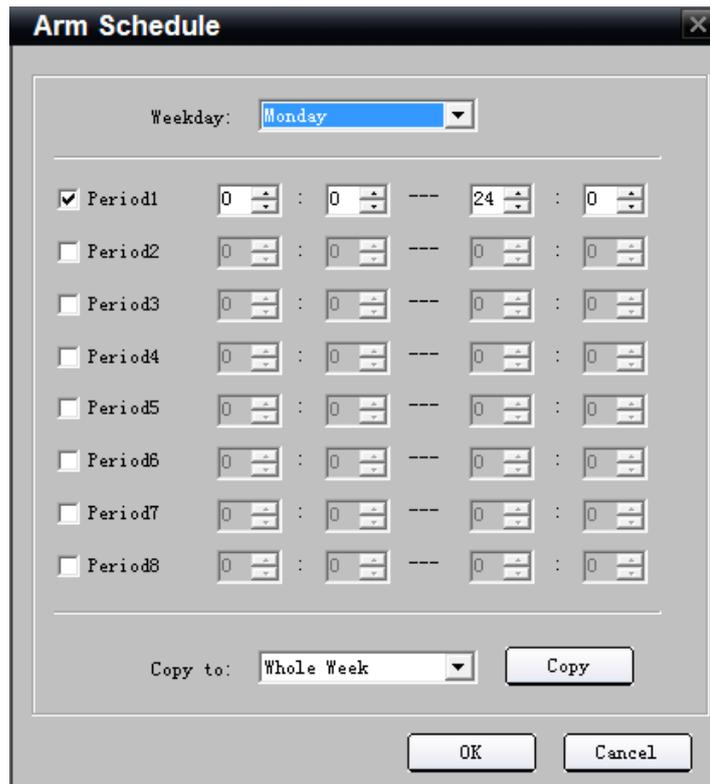


Fig 5.14

Step5: Set recording channel triggered by alarm.

Click "Settings" in "Linkage" menu and select "Trigger Recording" tab.

Enable the recording channels you want.

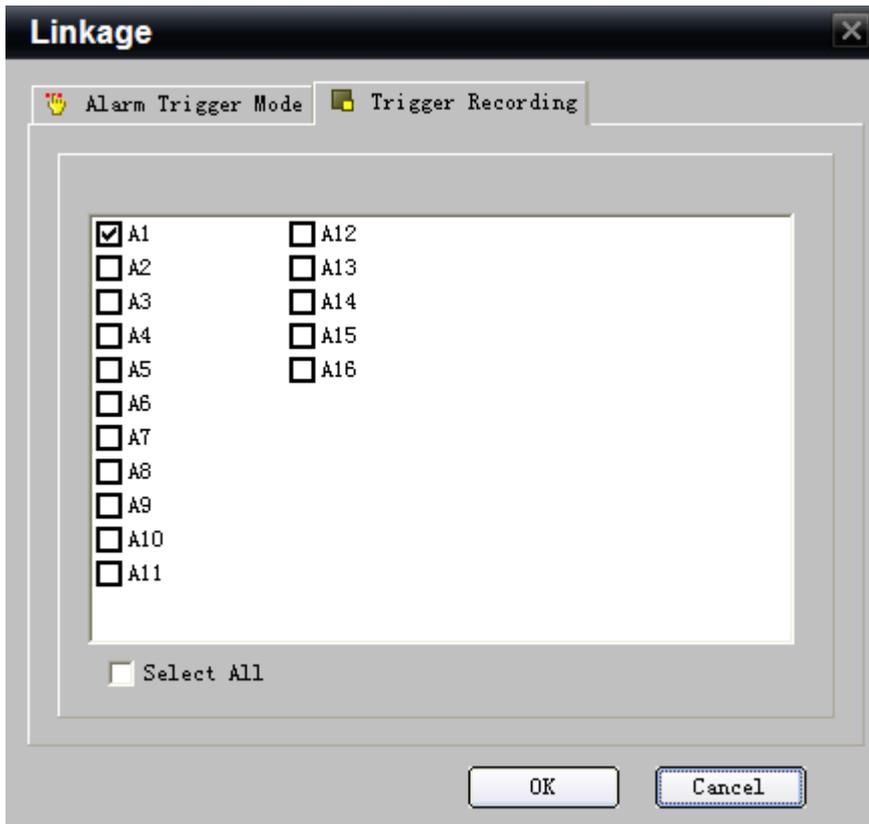


Fig 5.15

Step6: Enter schedule recording interface. Click Enable Recording to enable Recording.

Shown as 5.16

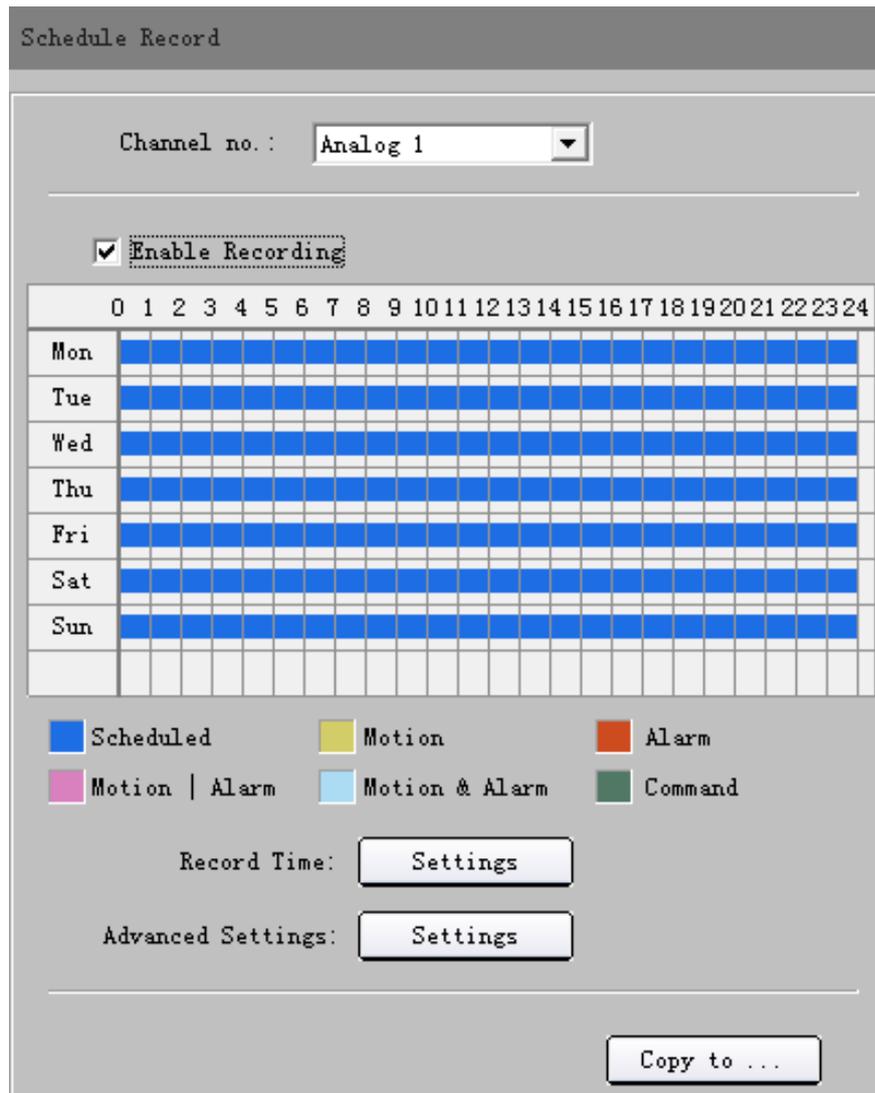


Fig 5.16

Step7: Set the recording time for motion detection.

Click "Settings" of "Record Time".

Select "Weekday" as some day of the week or the whole week for recording time.

Set the record type to be . Shown as Fig 5.17

The "All Day Record" or 8 "Segments" can be selected as well.



Fig 5.17

 Note: The time of each segment can not be overlapped.

5.2.2.4 Video Lost

Select  Channel Parameters and click  Video Lost to enter configuration interface.

Shown as Fig 5.18.

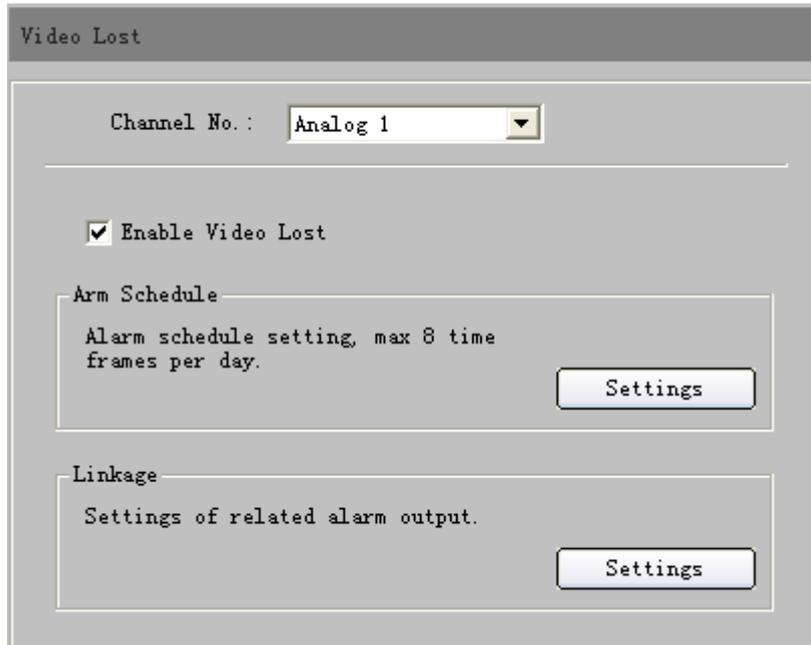


Fig 5.18

Click **Enable Video Lost** to set arm schedule and linkage. Shown as Fig 5.19 and 5.20.

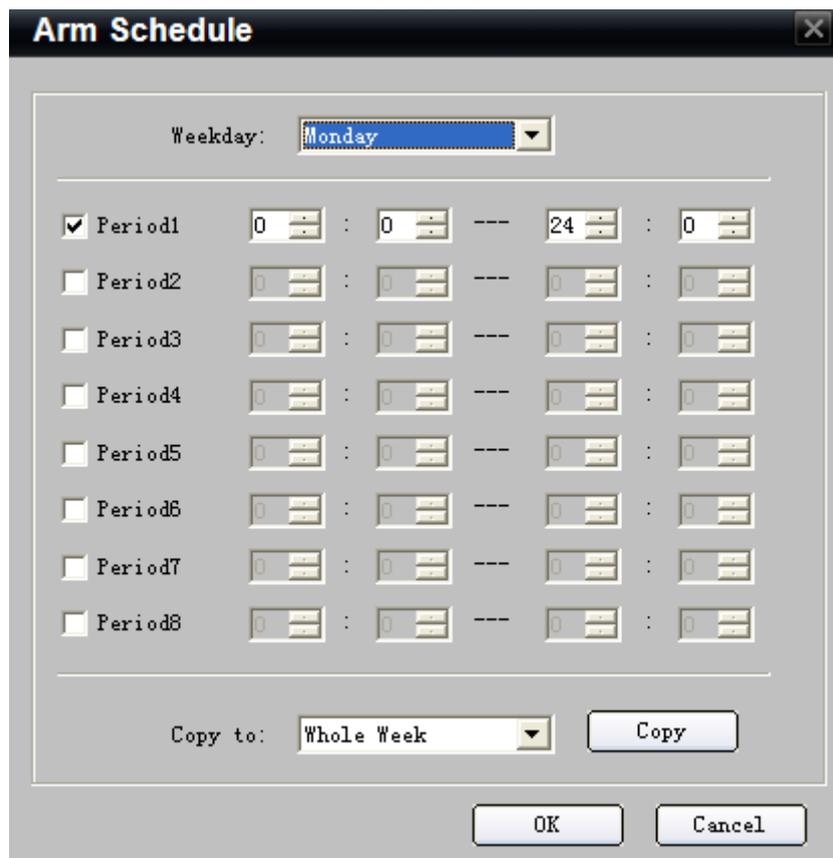


Fig 5.19

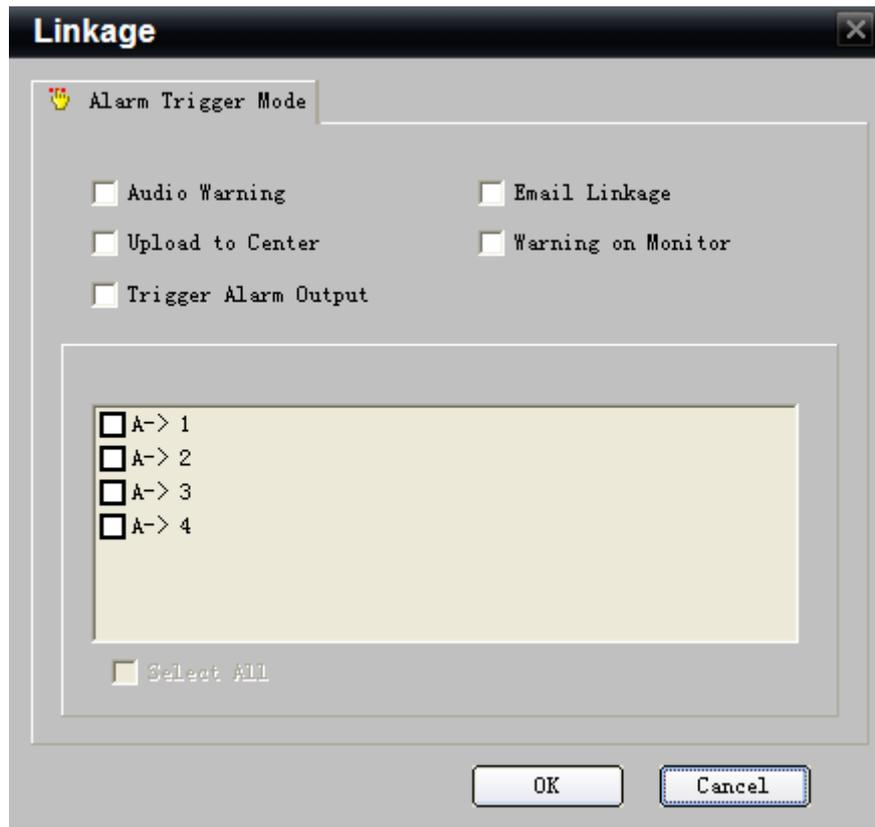


Fig 5.20

5.2.2.5 Video Tampering

Select  Channel Parameters and click  Video Tampering to enter configuration interface. Shown as Fig 5.21.

Video Tampering

Channel No. : Analog 1

Enable Video Tampering

Area settings

Set area, Set sensitivity, Only 1 area can be set up.

Settings

Arm Schedule

Alarm schedule setting, max 8 time frames per day.

Settings

Linkage

Settings of related alarm output.

Settings

Fig 5.21

Set the tamper area and sensitivity, shown as Fig 5.22.

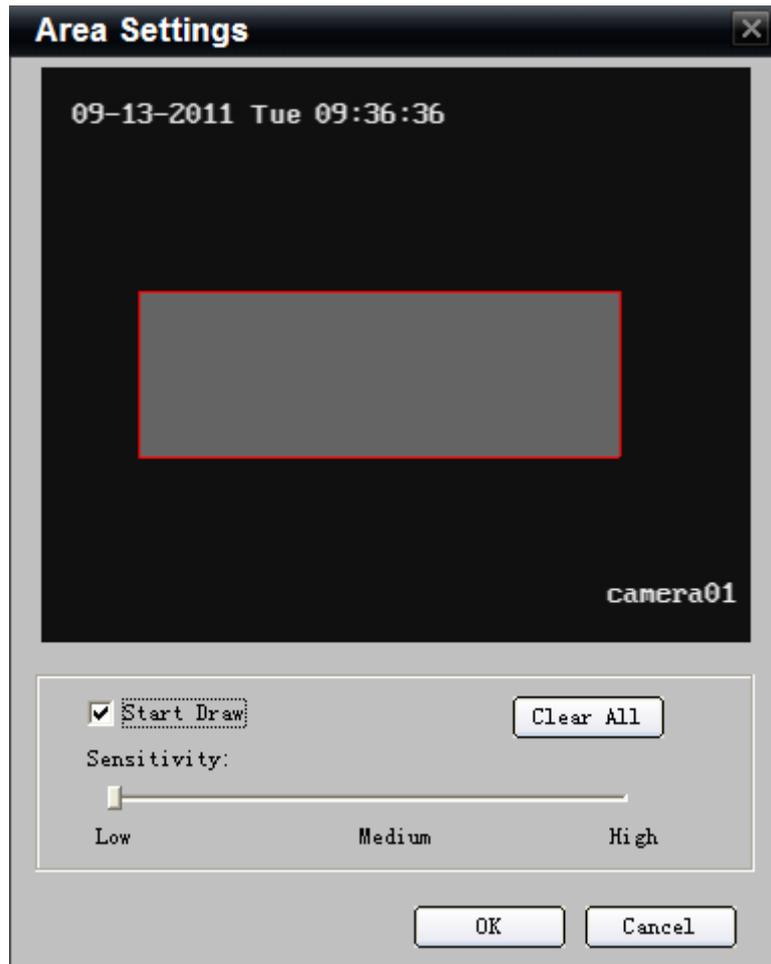


Fig 5.22

Set the arm schedule, shown as Fig 5.23.

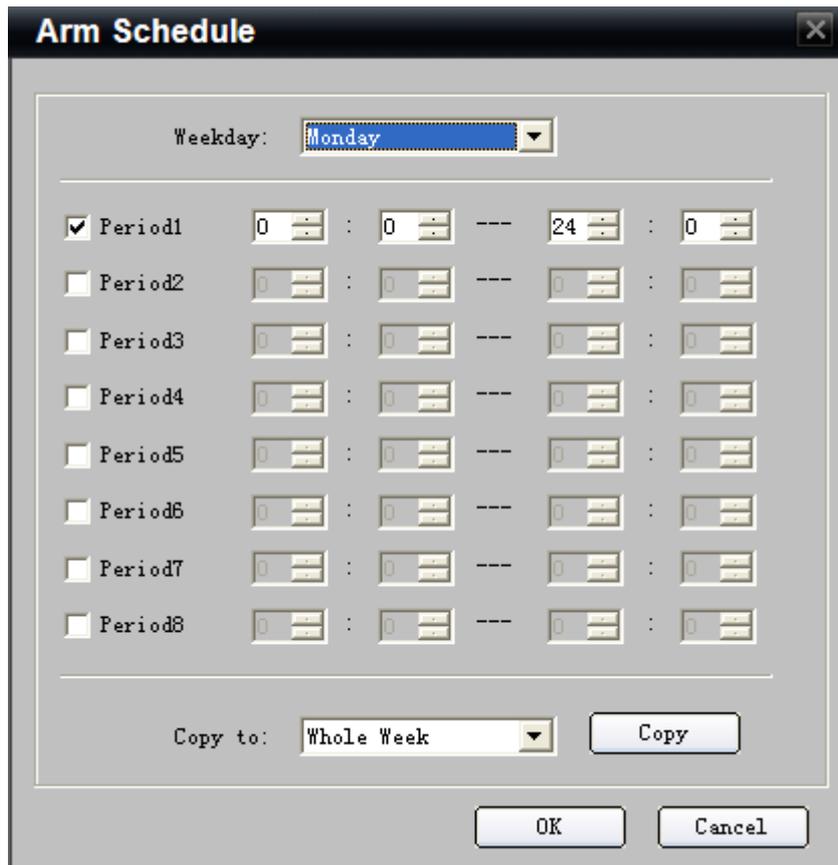


Fig 5.23

Set the linkage, shown as Fig 5.24.

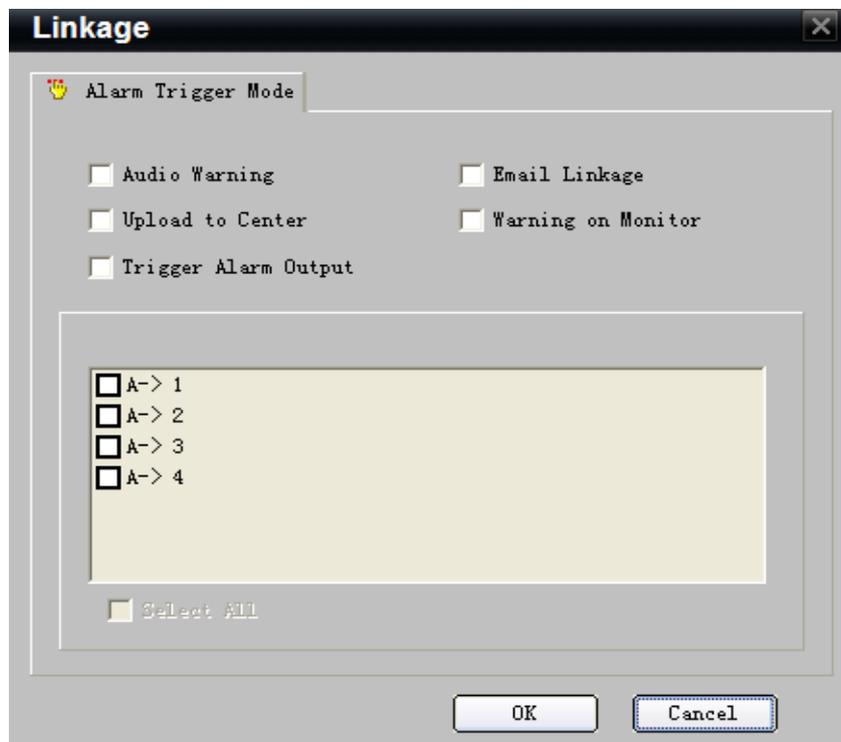


Fig 5.24

5.2.2.5 Video Mask

Select  Channel Parameters and click  Video Mask to enter configuration interface.

Shown as Fig 5.25.

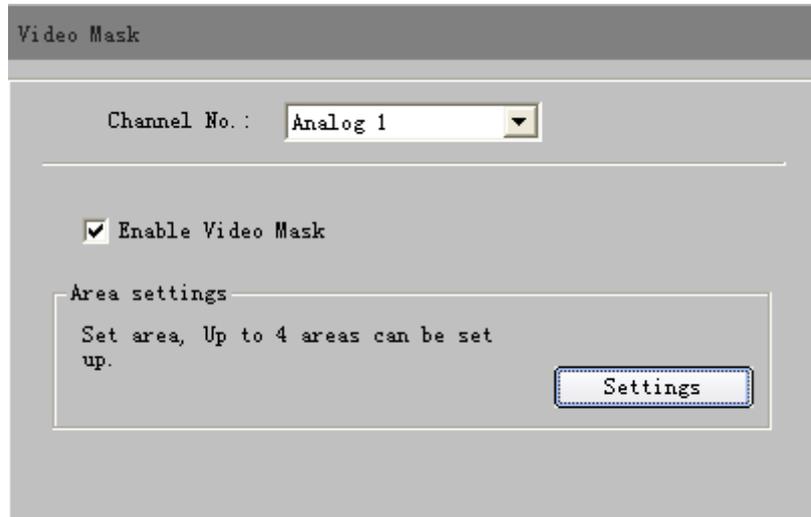


Fig 5.25

Set the video mask area, shown as Fig 5.26.



Fig 5.26

5.2.2.6 Text Overlay

Select  Channel Parameters and click  Text Overlay to enter configuration interface. Shown as Fig 5.27.

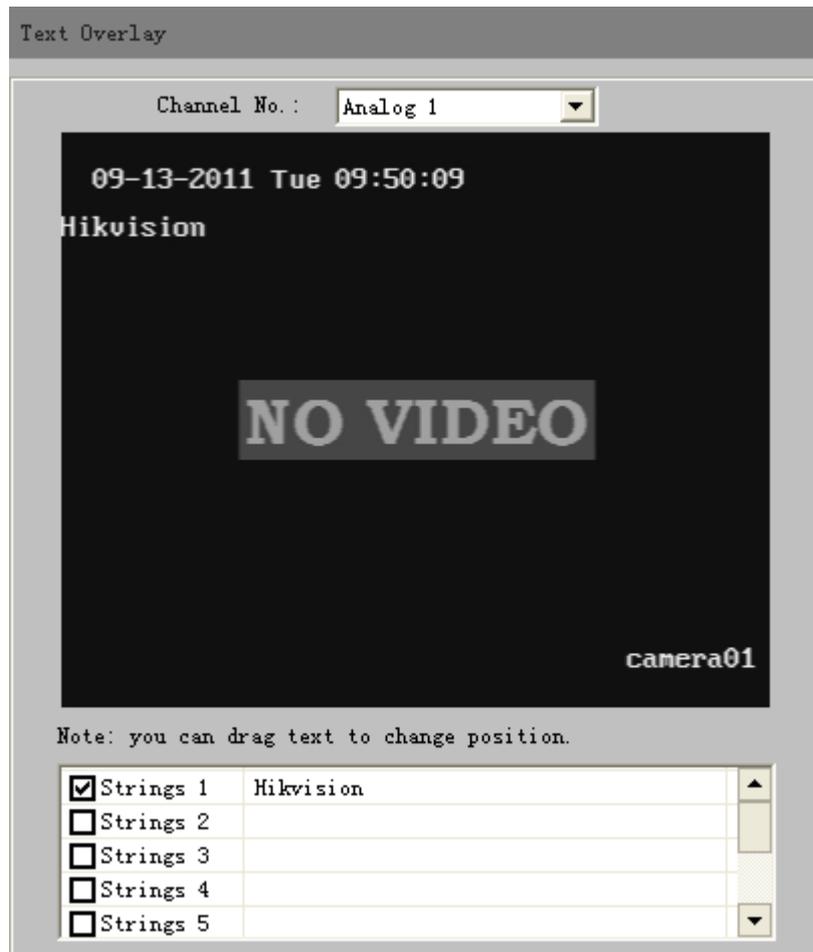


Fig 5.27

5.2.3 Network Parameters

5.2.3.1 Network Settings

Select  Network Parameters and click  Network Settings to enter configuration interface. Shown as Fig 5.28.

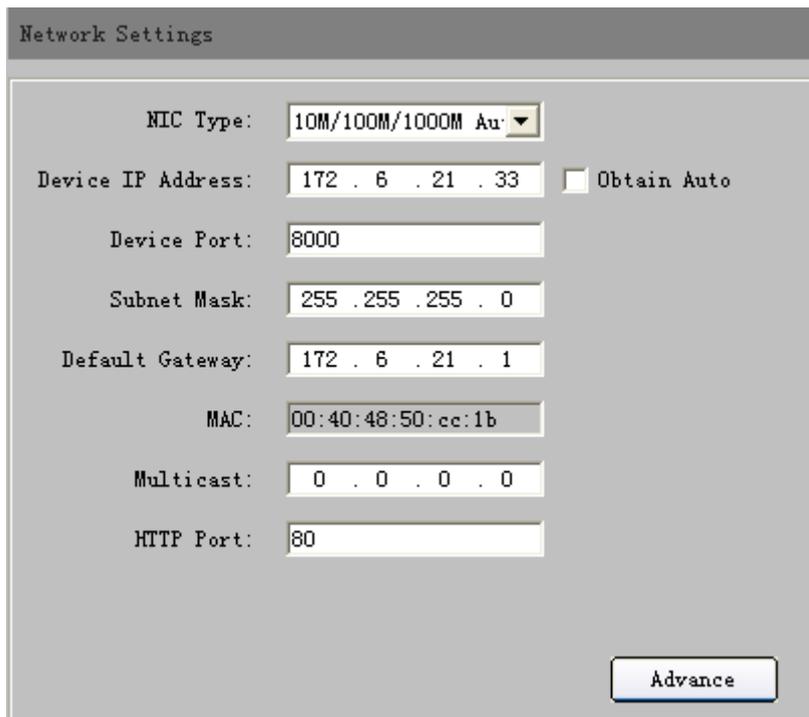


Fig 5.28

Click Advance to configure advanced settings. Shown as Fig 5.29.

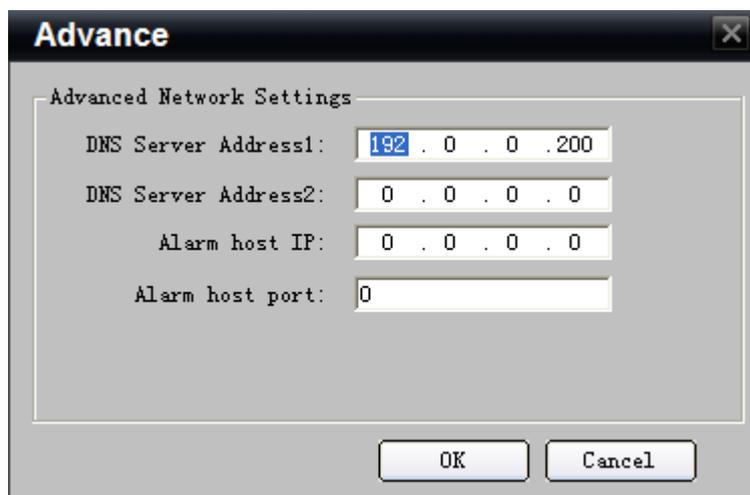


Fig 5.29

5.2.3.2 PPPOE Settings

Select  Network Parameters and click  PPPOE Settings to enter configuration interface. Shown as Fig 5.30.

PPPOE Settings

Enable PPPOE

DDNS IP: 0 . 0 . 0 . 0

User Name:

Password:

Confirm Password:

Fig 5.30

5.2.3.3 DDNS Settings

Select Network Parameters and click DDNS Settings to enter configuration interface. Shown as Fig 5.31.

DDNS Settings

Enable DDNS

Protocol Type: IpServer

Server Name: 172.6.21.112

Port: 7070

User Name:

Password:

Confirm Password:

Domain:

Fig 5.31

5.2.3.4 NTP Settings

Select Network Parameters and click NTP Settings to enter configuration interface. Shown as Fig 5.32.

NTP Settings

Enable NTP

Server Address:

NTP Port:

Synchronize every: Minute(s)

Select Time Zone:

GMT: Hour(s) Minute(s) Adjust

Fig 5.32

5.2.3.5 Email Settings

Select  Network Parameters and click  E-mail Settings to enter configuration interface. Shown as Fig 5.33.

E-mail Settings

User Name:

Password:

Confirm Password: Server Authentication

Sender/Receiver Details:

	User Name	Email Address
Sender		
Receiver1		
Receiver2		
Receiver3		

Send Interval: Attachment

SMTP:

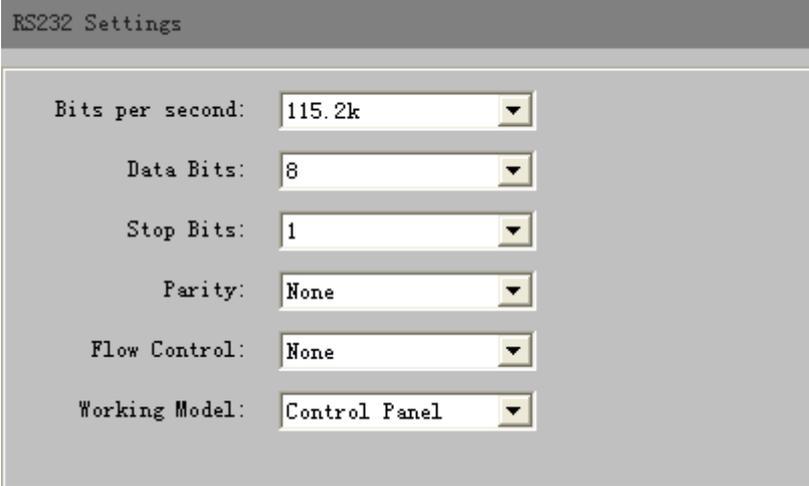
SMTP Port: Enable SSL

Fig 5.33

5.2.4 Serial Port Settings

5.2.4.1 RS-232 Settings

Select  Serial Port Settings and click  RS232 Settings to enter configuration interface. Shown as Fig 5.34.

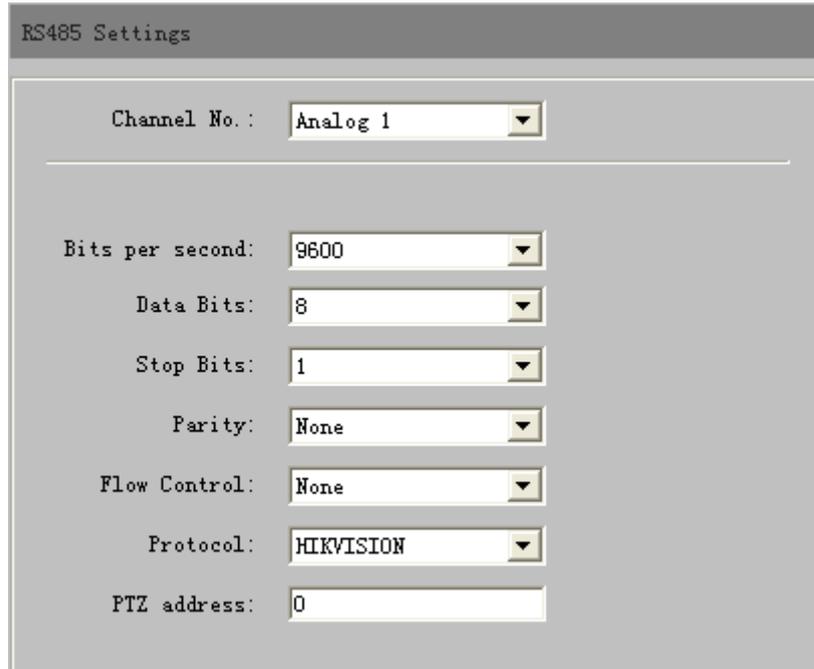


Parameter	Value
Bits per second:	115.2k
Data Bits:	8
Stop Bits:	1
Parity:	None
Flow Control:	None
Working Model:	Control Panel

Fig 5.34

5.2.4.2 RS-485 Settings

Select  Serial Port Settings and click  RS485 Settings to enter configuration interface. Shown as Fig 5.35.



The image shows a software window titled "RS485 Settings". It contains several configuration options, each with a label and a dropdown menu or text field. The settings are as follows:

Label	Value
Channel No. :	Analog 1
Bits per second:	9600
Data Bits:	8
Stop Bits:	1
Parity:	None
Flow Control:	None
Protocol:	HIKVISION
PTZ address:	0

Fig 5.35

5.2.5 Alarm Parameters

5.2.5.1 Alarm Input Settings

Select  Alarm Parameters and click  Alarm Input Settings to enter configuration interface. Shown as Fig 5.36.

Alarm Input Settings

Alarm Input: A-> 1

IP Address: Local

Alarm Name: (Cannot Copy)

Alarm Status: NO

Alarm Handle

Arm Schedule

Alarm schedule setting, maximum 8 time frames per day.

Settings

Linkage Method

Alarm Trigger Mode, Trigger Recording, PTZ Linkage.

Settings

Copy to ...

Fig 5.36

Set the alarm schedule, shown as Fig 5.37.

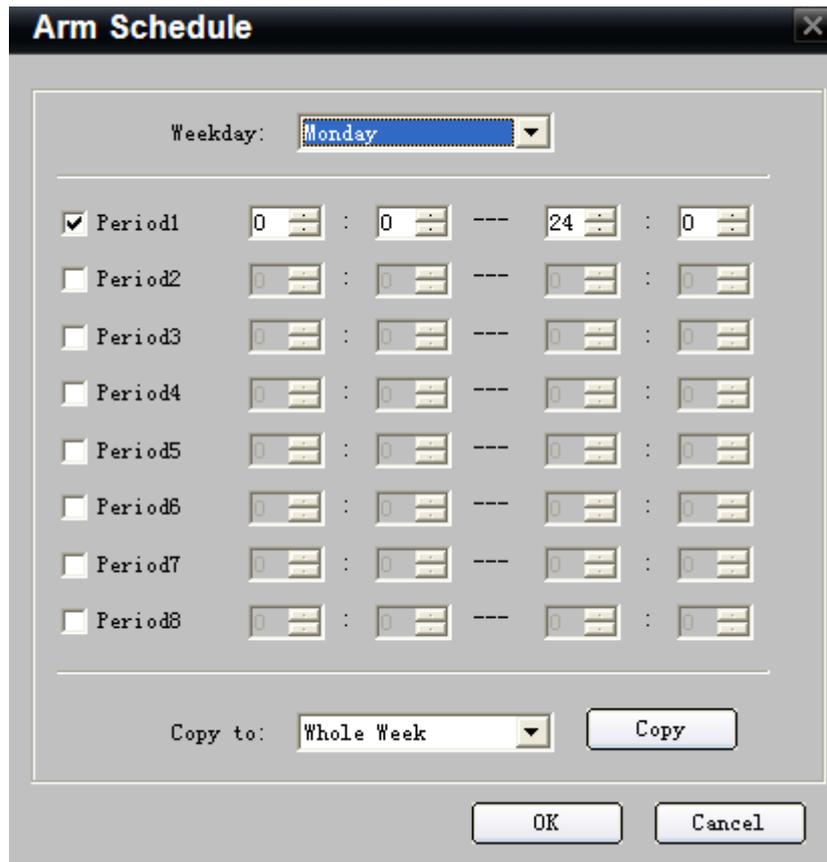


Fig 5.37

Set linkage mode, shown as Fig 5.38

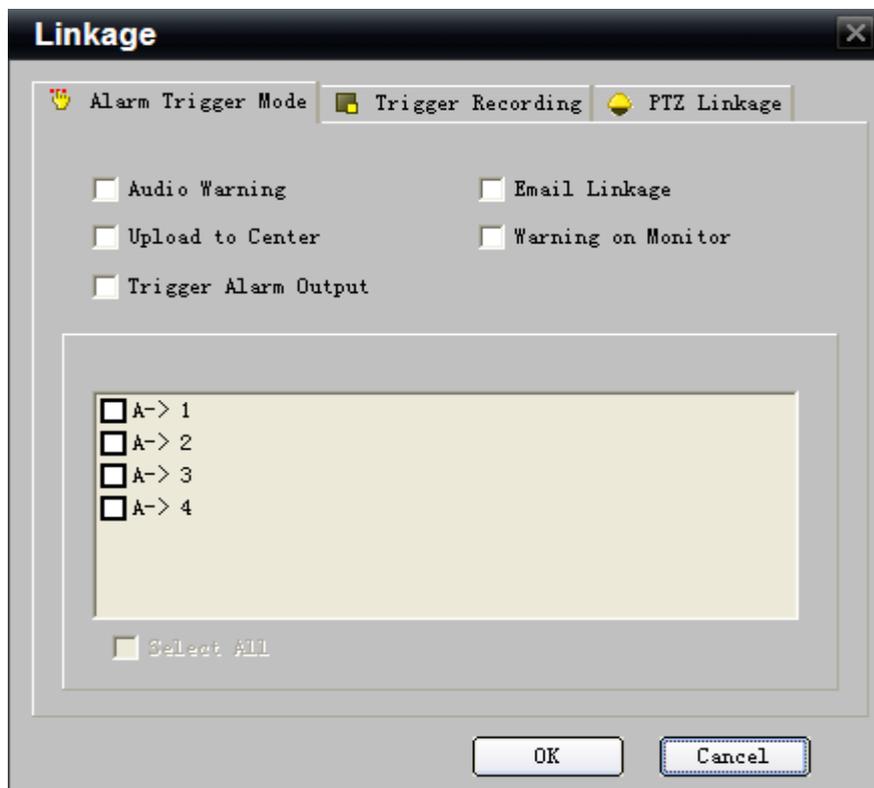


Fig 5.38

Set linkage trigger recording, shown as Fig 5.39.

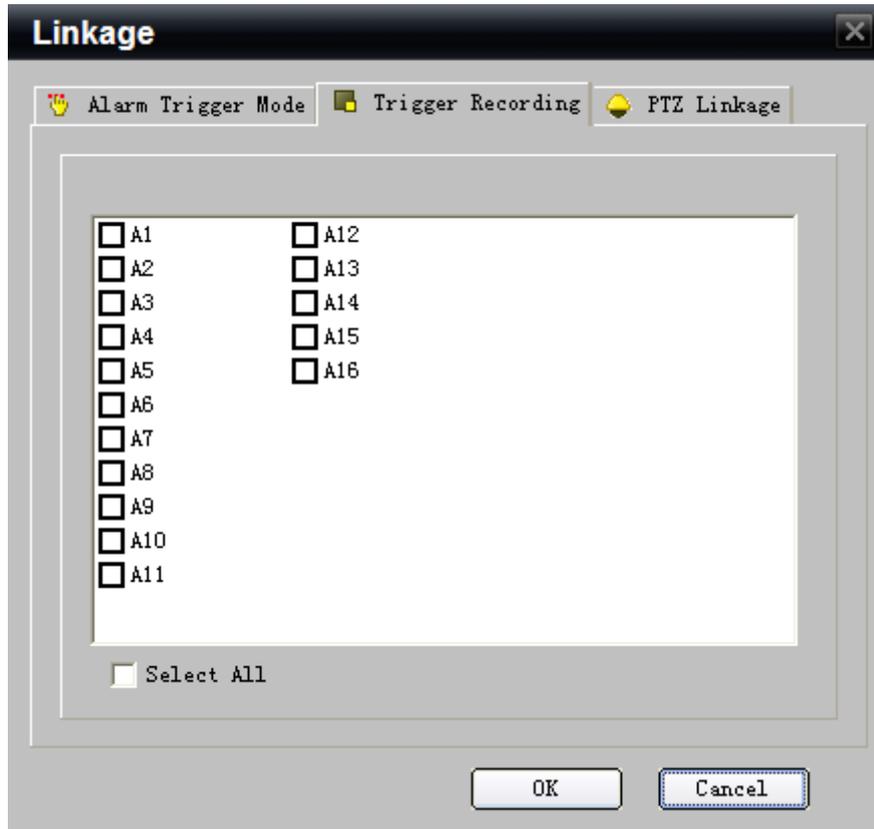


Fig 5.39

Set PTZ linkage, shown as Fig 5.40.

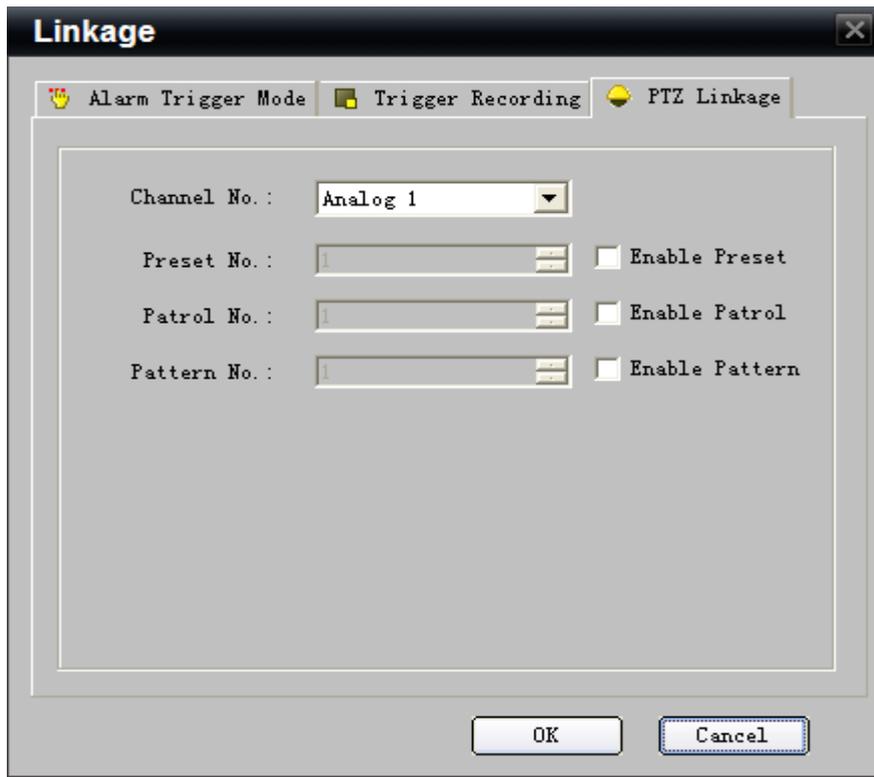


Fig 5.40

5.2.5.12 Alarm Output Settings

Select Alarm Parameters and click Alarm Output Settings to enter configuration interface. Shown as Fig 5.41.

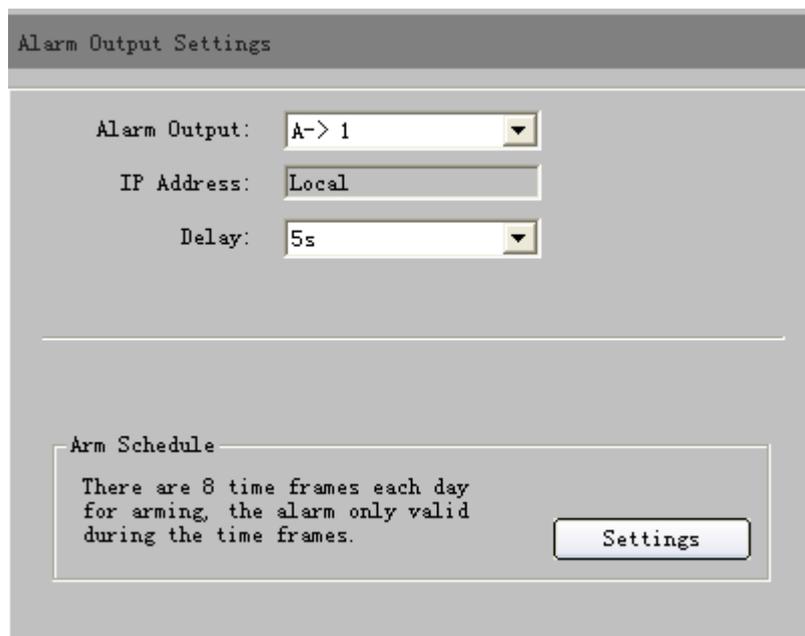


Fig 5.41

Set alarm schedule, shown as Fig5.42.

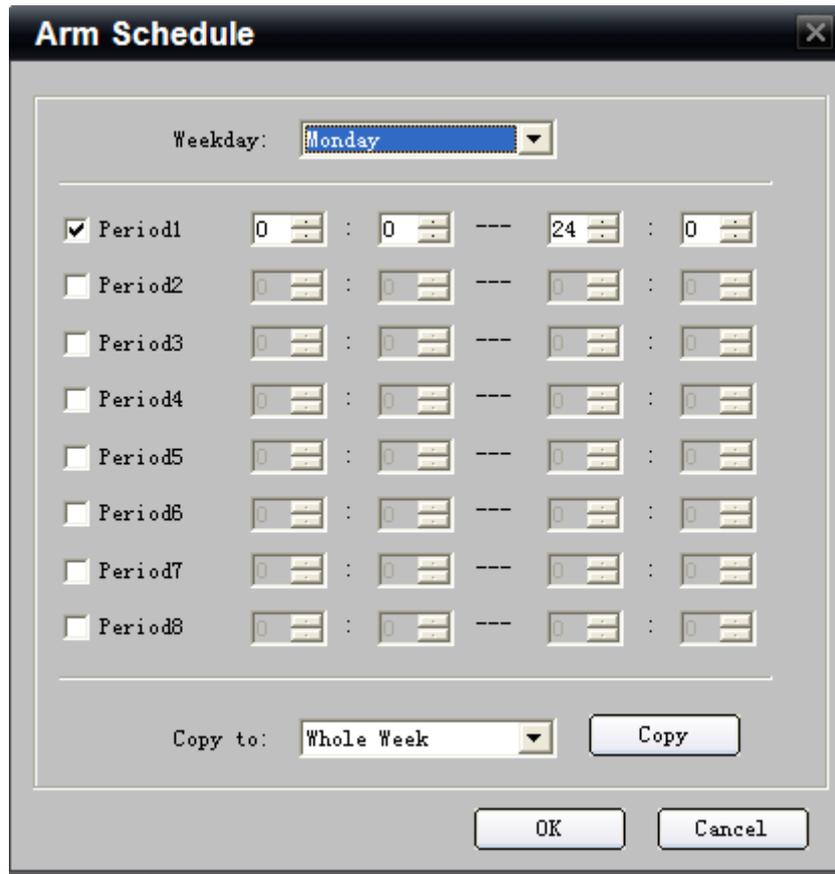


Fig 5.42

5.2.6 Other Settings

5.2.6.1 Exception parameters

Select  Exception Parameters to enter configuration interface. Shown as Fig 5.43.

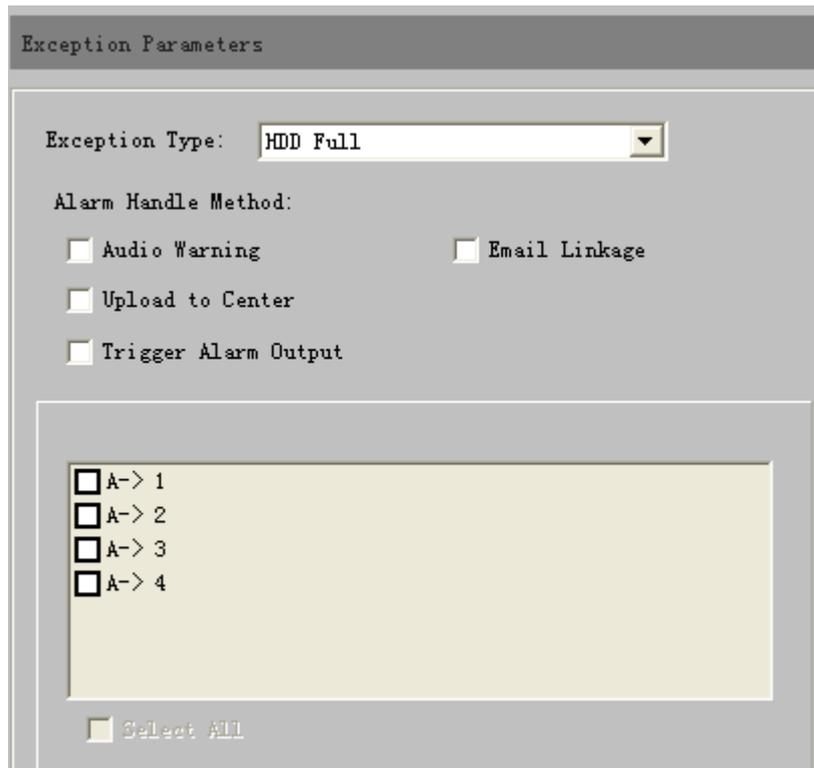


Fig 5.43

5.2.6.2 Account management

Select  Account Management to enter configuration interface. Shown as Fig 5.44.

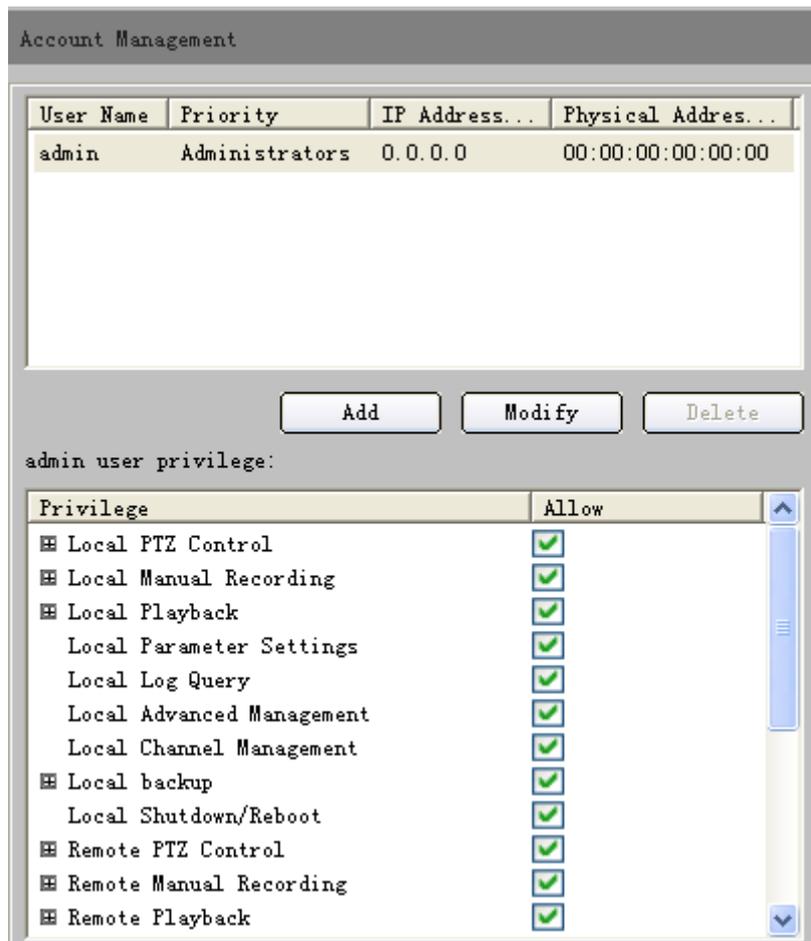


Fig 5.44

You can add or delete accounts and configure account's IP and permission by ticking .

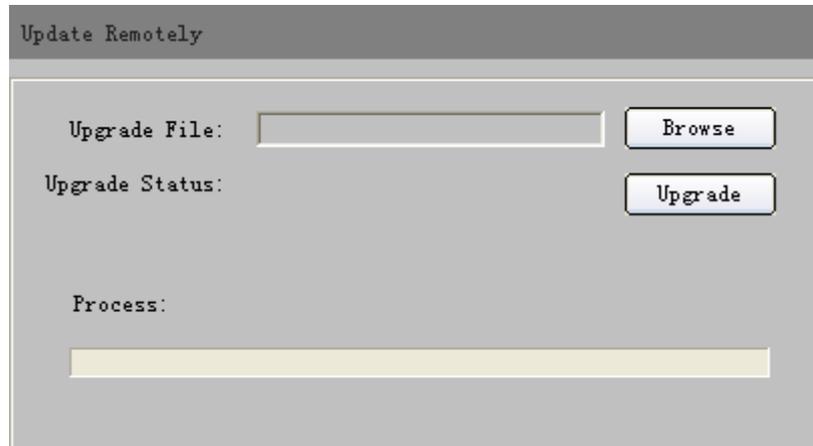
5.2.6.3 HDD Settings

Select  HDD Settings to enter configuration interface. Shown as Fig 5.45.

Fig 5.46

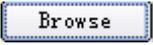
5.2.6.4 Update Remotely

Select  Update Remotely to enter configuration interface. Shown as Fig 5.47.



The screenshot shows a configuration window titled "Update Remotely". It has a light gray background and a dark gray title bar. The main area is divided into three sections. The first section, "Upgrade File:", has a text input field followed by a "Browse" button. The second section, "Upgrade Status:", has a text input field followed by an "Upgrade" button. The third section, "Process:", has a large, empty text area.

Fig 5.47

Click  to find path for update file and click  to start updating.