PSS User’s Manual

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Welcome

Thank you for using our professional surveillance software (PSS)!

This user's manual is designed to be a reference tool for operation of your system.

Here you can find detailed operation information about PSS.

1 Environment and Installation

1.1 Environment

- OS: Windows2000 / XP /2003.
- CPU: 2.4Hz or higher.
- Display card: Independent car and support directX 8.0c or higher.
- Memory: 1GB or higher for XP OS.
- Displayer: Sometimes, when the PSS is in full screen mode, video is a littlie bit distortion.

1.2 Software Installation

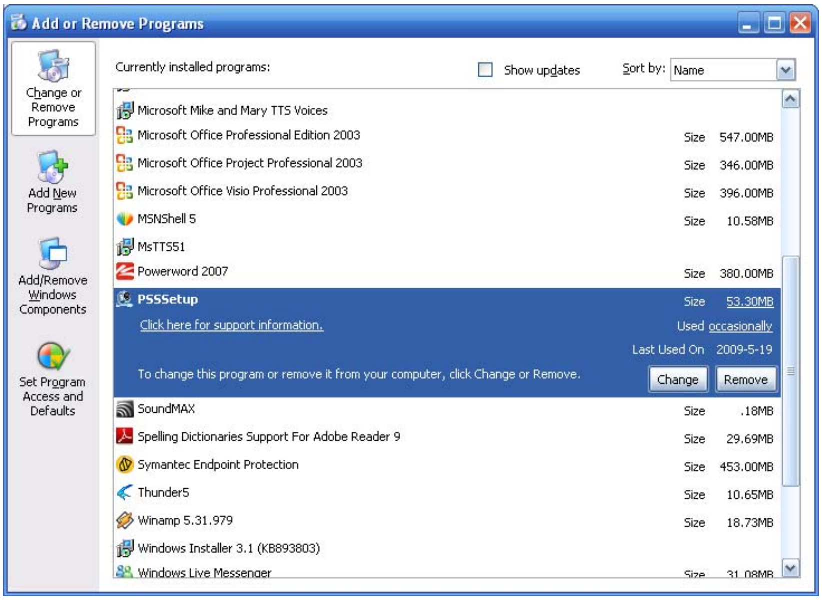
Please check the installation CD and make sure it includes the following files:
PSSSetup.exe、PSSSetup.msi；
Double click the file PSSSetup.exe to begin installation.

1.3 Uninstall

There are two ways for you to remove the PSS.

1.3.1 Windows Menu

From the control panel to the add/remove program, you can see an interface is shown as in Figure 1-1.

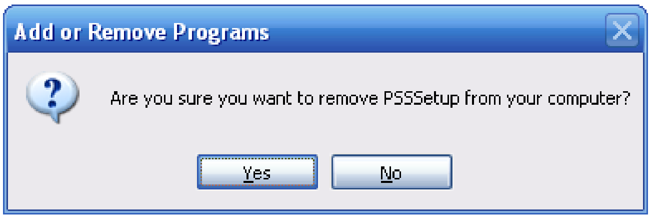

Add or Remove Programs
Change or Remove Programs
Add New Programs
Add/Remove Windows Components
Set Program Access and Defaults
Currently installed programs:
☐ Show updates
Sort by: Name
Change
Remove

Microsoft Mike and Mary TTS Voices		
Microsoft Office Professional Edition 2003	Size	547.00MB
Microsoft Office Project Professional 2003	Size	346.00MB
Microsoft Office Visio Professional 2003	Size	396.00MB
MSNShell 5	Size	10.58MB
MsTTS51		
Powerword 2007	Size	380.00MB
PSSSetup	Size	53.30MB
Click here for support information.	Used	occasionally
	Last Used On	2009-5-19
SoundMAX	Size	.18MB
Spelling Dictionaries Support For Adobe Reader 9	Size	29.69MB
Symantec Endpoint Protection	Size	453.00MB
Thunder5	Size	10.65MB
Winamp 5.31.979	Size	18.73MB
Windows Installer 3.1 (KB893803)		
Windows Live Messenger	Size	31.08MB

To change this program or remove it from your computer, click Change or Remove.

Figure 1-1

Click remove button, you can see a dialogue box is shown as in Figure 1-2.



Are you sure you want to remove PSSSetup from your computer?

Figure 1-2

Click Yes button to remove PSS.

1.3.2 Resource CD

You can click the PSSSetup.ms in the installation CD, system pops up a dialogue box. Please select remove PSS setup item to delete PSS.

1.4 Software update

1.4.1 Software of the same version

If there is PSS software of the same version in the PC, you can see a dialogue box. Please click repair PSS setup to update the PSS.

1.4.2 Software of different version

If your PC has installed different version, please uninstall the PSS first and then install the latest version.

2 Overview

PSS is an abbreviation for Professional Surveillance Software.
It is software to manage small quantity security surveillance devices. It releases with the device and does not support the products from other manufacturers.
It can view several camera channels from various devices, and it can view the recorded video files from various devices. PSS can support multiple scheduled arms to realize auto PC guard.
PSS supports e-map, you can clearly view all device locations. It can create individual configuration files for each user, which allows you maintain your own habit and style.
Please note, it can run only once in the one PC.

3 Interface

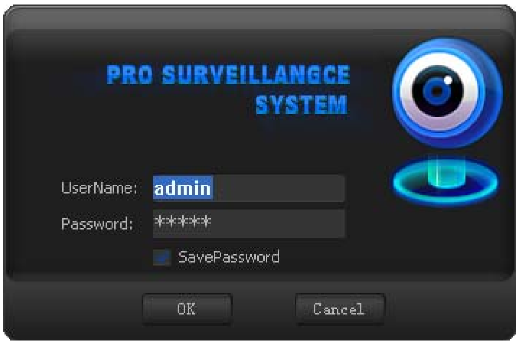
3.1 Log in Interface

Log in interface is shown as in Figure 3-1.

- User name: Input the user account
- Password: Please input corresponding password to log in.
- OK: Click this button, system can verify the account and can enter the software main interface.
- Cancel: Click this button to exit log in interface.

Note:

- If it is your first time to run the PSS program, default user name is admin. Admin is a super administrator and can not be removed. It can add, modify or delete other user.
- For security reason, please modify your password after first log in.
- Save password function is for your convenient only, do not enable this function in public PC.



UserName: admin
Password: *****
☐ SavePassword

Figure 3-1

3.2 Initialization Interface

Click Ok button, system begin verifying user name and password and then go to the initialization interface. See Figure 3-2.

Please note it may take a little bit long to initialize decode card, please be patient.

PRO SURVEILLANGCE SYSTEM ...

Figure 3-2

3.3 Main Interface

In the main interface, there are real-time monitor interface and other operation and function menu. See Figure 3-3.

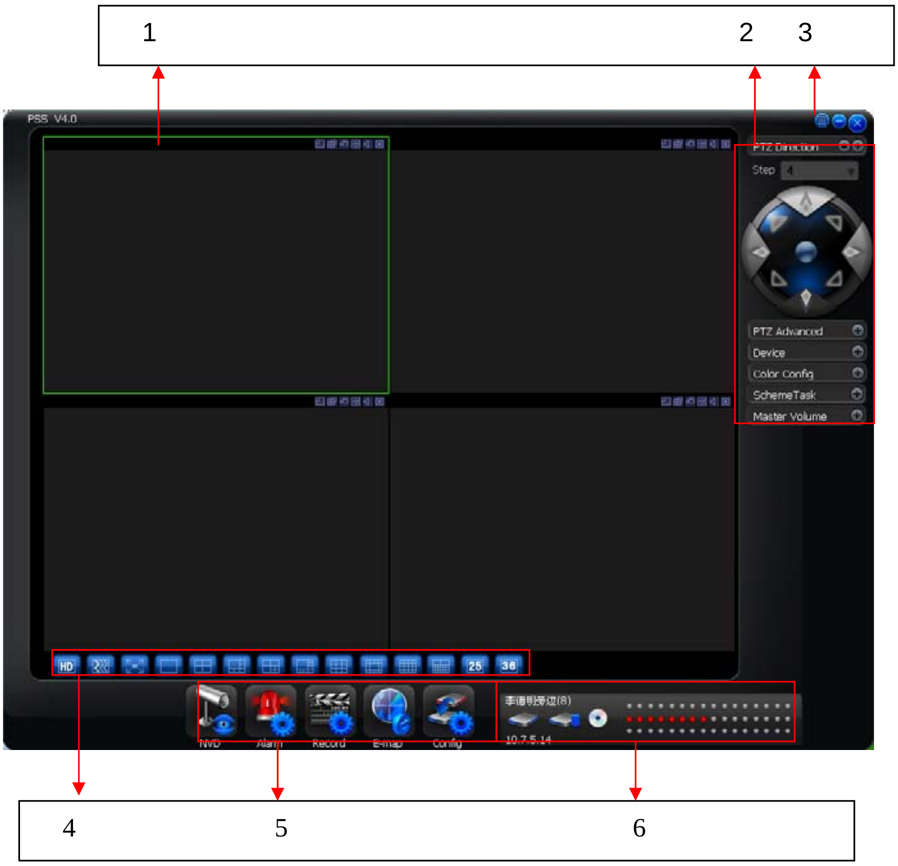

1
2
3
PSS V4.0
PTZ Direction
Step
PTZ Advanced
Device
Color Config
SchemeTask
Master Volume
HD
25
36
NVD
Alarm
Record
E-map
Config
10.7.5.14
4
5
6

Figure 3-3

- Section 1: Current display window. It is circled by a green rim. For video control information, please refer to chapter 3.4 Video control zone.
- Section 2: Right tool bar. Here you can view the PTZ operation zone (chapter 4.9), Device (chapter 4.3)/Color configuration (chapter 4.8)/Scheme task (chapter 4.16)/Master volume (chapter 4.10).
- Section 3: Full menu button. Click this button; you can view a menu shown as in Figure 3-4.

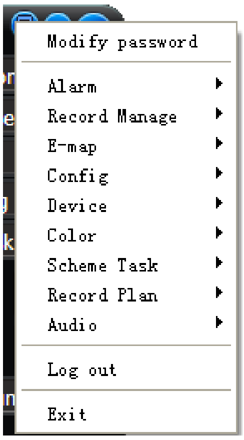

Modify password
Alarm
Record Manage
E-map
Config
Device
Color
Scheme Task
Record Plan
Audio
Log out
Exit

Figure 3-4

- Section 4: Screen display mode. Please refer to chapter 3.5 for detailed information.
- Section 5: Bottom tool bar: here you can view the following buttons: NVD (chapter 5.2)/Alarm (chapter 4.12)/Record ()/E-map (chapter 4.11)/Configuration (chapter 3.6).

From configuration button, select system configuration item, you can see an interface is shown as in Figure 3-5.

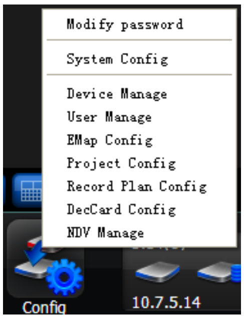

Modify password
System Config
Device Manage
User Manage
EMap Config
Project Config
Record Plan Config
DecCard Config
NDV Manage
Config
10.7.5.14

Figure 3-5

- Section 6: Device health status. Please refer to chapter 3.8 for detailed information.

When PSS is running, you can also see there is a littlie icon on your right tray menu. See Figure 3-6.

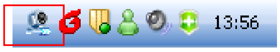


Figure 3-6

Right click mouse, you can see an interface is shown as in Figure 3-7.

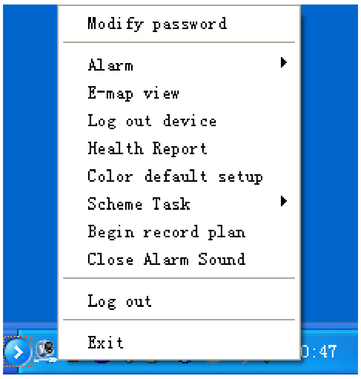

Modify password
Alarm
E-map view
Log out device
Health Report
Color default setup
Scheme Task
Begin record plan
Close Alarm Sound
Log out
Exit
0:47

Figure 3-7

Now, you can see if you want to go to an operation interface, usually there are four ways:

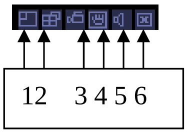
- From the full menu, see Figure 3-4.
- From the bottom toolbar, see section 5 of Figure 3-3.
- From the system configuration interface see Figure 3-5.
- From the right tray menu, see Figure 3-7.

Note:

If it is you first time to use PSS, please go to system configuration interface to implement setup. Pease refer to chapter 3.9 for detail information.

3.4 Video Control Zone

On the video upper right, there are six icons.



Please refer to the following sheet for detail information.

1	Digital zoom	Click this button and then left drag the mouse in the zone to zoom in. Right click mouse system restores original status.
2	Change show mode	Resize or switch to full screen mode.
3	Local record	When you click local record button, the system begins recording. The recorded file is saved to system folder.
4	Capture picture	You can snapshoot important video. All images are memorized in system folder.
5	Audio	Turn on or off audio.(It has no relationship with system audio setup)
6	Close video	Close video in current window.

3.5 Screen Display Mode

Screen display mode interface is shown as in Figure 3-8.

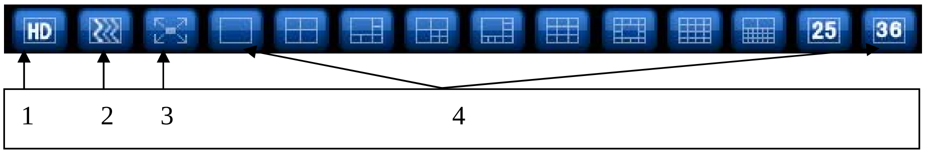

HD
25
36
1
2
3
4

Figure 3-8

From the left to the right, there are video quality, real-time/fluent button, full-screen button and 1-36 screen modes.

3.6 Bottom Tool Bar

Bottom tool column is show as in Figure 3-9.

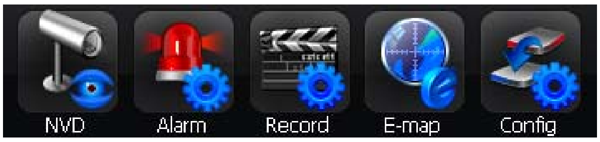

NVD
Alarm
Record
E-map
Config

Figure 3-9

Click configuration button, you can see there are various buttons. See Figure 3-10.

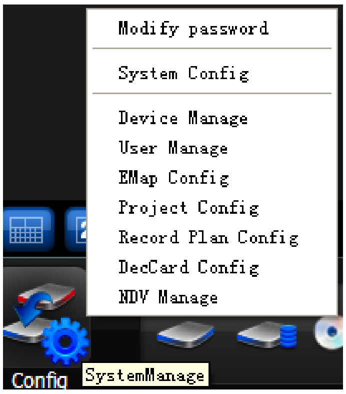

Modify password
System Config
Device Manage
User Manage
EMap Config
Project Config
Record Plan Config
DecCard Config
NDV Manage
Config
SystemManage

Figure 3-10

3.7 Right Tool Bar

PTZ 8 directions can overlay on current screen. See Figure 3-11.

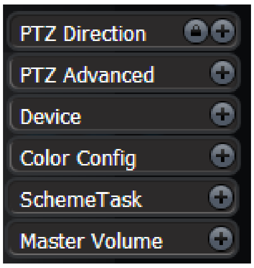


Figure 3-11

3.8 Device Health Status

Here you can update device status regularly, vide disk health status; decode alarm, record and other alarm information. See Figure 3-12.

Please note, on the right, there are three rows. The first row is to display device record status. For the second and third row definition, Please go to Configure->Display alarm item in the main interface.

For refresh interval, please go to Configure->system configuration-> Refresh interval. Please refer to chapter 3.9 for detail information.

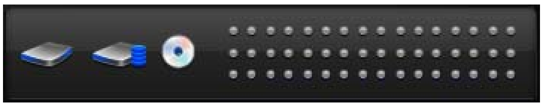


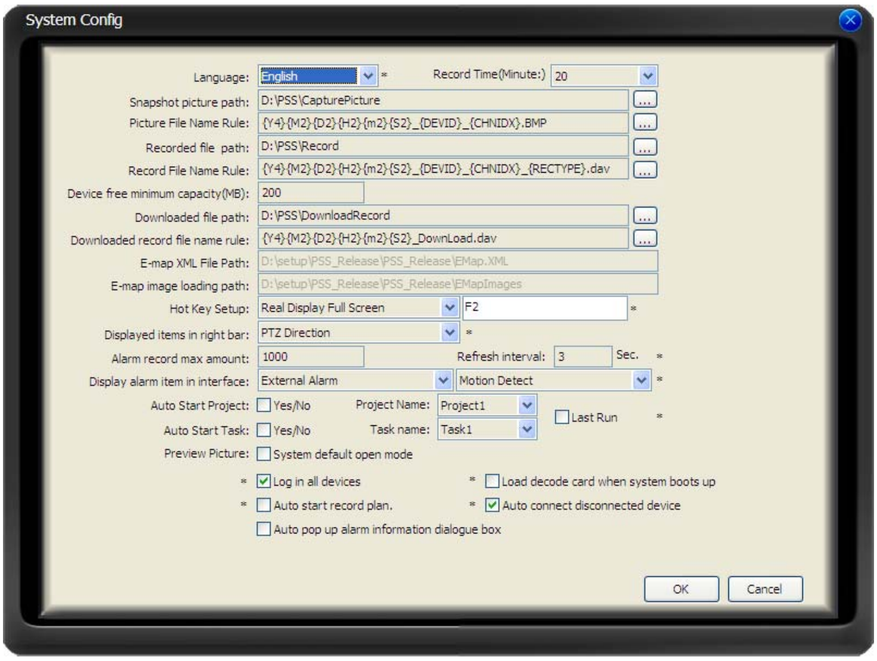
Figure 3-12

3.9 System Configuration

From the bottom tool bar, click configuration button and then select system configuration item. You can see an interface is shown as in Figure 3-13.

- Language: PSS support various languages. Please select from the dropdown list.
- Record Time (M): Please select from the dropdown list.
- Snapshot image path: You can specify image save default path.
- Picture file name rule: You can specify image name rule in the dialogue box.
- Recorded file path: You can specify the file save path.
- Recorded file name rule: You can specify file name rule in the dialogue box.
- Device free minimum space (MB): You can specify a value here. Once the capacity reaches the specified threshold, system can stop record.
- Downloaded file path: You can specify the download file
- Download record file name rule: You can specify download file rule in the dialogue box,
- E-map XML file path: Here you can specify E-map file XML file save path.
- E-map image loading path: You can specify from the dialogue box.
- Hotkey Setup: Here you can set hot key for the operation button. Please note system default debug hot key is F12. Do not set the debug key when you set the hotkey button.
- Default items in the right bar: System show which operation button by default.
- Alarm record max amount: Motion detection alarm display the max save records.
- Refresh interval: Here you can specify the alarm message switch interval.

- Display alarm item in the main interface: Here you can specify you most concern alarm items.
- Project name: The project to be run.
- Last run: The last running project or task.
- Preview picture: Open image mode when preview.
- System default open mode: System use default program to open the image.
- Log in all devices: System auto log in all devices when PSS booted up.
- Auto connect the disconnected device: system auto connect the disconnected devices.
- Load decode card when PSS booted up: System loads the decode card by default when PSS booted up.
- Auto start record plan: System enable record project by default when PSS booted up.
- Auto pop up alarm information dialogue box: System can pop up the alarm message dialogue box when there is new alarm.


System Config

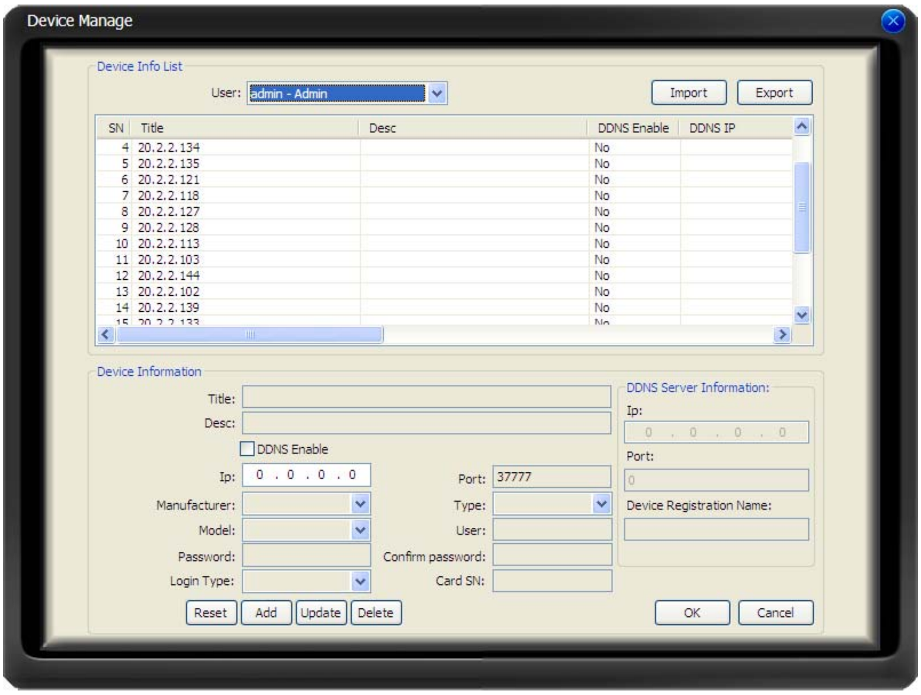
Language: English *
Record Time(Minute:) 20
Snapshot picture path: D:\PSS\CapturePicture
Picture File Name Rule: {Y4}{M2}{D2}{H2}{m2}{S2}_{DEVID}_{CHNIDX}.BMP
Recorded file path: D:\PSS\Record
Record File Name Rule: {Y4}{M2}{D2}{H2}{m2}{S2}_{DEVID}_{CHNIDX}_{RECTYPE}.dav
Device free minimum capacity(MB): 200
Downloaded file path: D:\PSS\DownloadRecord
Downloaded record file name rule: {Y4}{M2}{D2}{H2}{m2}{S2}_DownLoad.dav
E-map XML File Path: D:\setup\PSS_Release\PSS_Release\EMap.XML
E-map image loading path: D:\setup\PSS_Release\PSS_Release\EMapImages
Hot Key Setup: Real Display Full Screen F2 *
Displayed items in right bar: PTZ Direction *
Alarm record max amount: 1000
Refresh interval: 3 Sec. *
Display alarm item in interface: External Alarm Motion Detect *
Auto Start Project: ☐ Yes/No
Project Name: Project1
Auto Start Task: ☐ Yes/No
Task name: Task1
☐ Last Run *
Preview Picture: ☐ System default open mode
* ☑ Log in all devices
* ☐ Load decode card when system boots up
* ☐ Auto start record plan.
* ☑ Auto connect disconnected device
☐ Auto pop up alarm information dialogue box

Figure 3-13

3.10 Device Manage

Device manage interface is shown as in Figure 3-14.

Please note, you need to have proper right to manage the corresponding devices.


Device Manage
Device Info List
Import
Export
Device Information
DDNS Server Information:
☐ DDNS Enable
Manufacturer:
Model:
Password:
Login Type:
Type:
Confirm password:
Card SN:
Device Registration Name:
Reset
Add
Update
Delete
OK
Cancel

User: admin - Admin

SN	Title	Desc	DDNS Enable	DDNS IP
4	20.2.2.134		No	
5	20.2.2.135		No	
6	20.2.2.121		No	
7	20.2.2.118		No	
8	20.2.2.127		No	
9	20.2.2.128		No	
10	20.2.2.113		No	
11	20.2.2.103		No	
12	20.2.2.144		No	
13	20.2.2.102		No	
14	20.2.2.139		No	

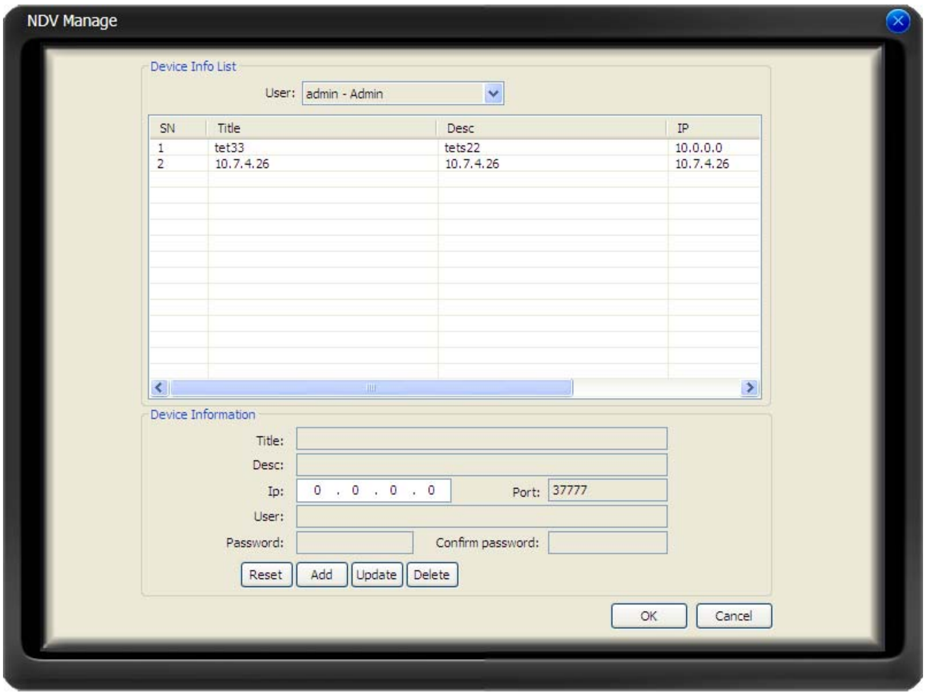
Title:
Desc:
Ip: 0 . 0 . 0 . 0
Port: 37777
User:

DDNS Server Information:
Ip: 0 . 0 . 0 . 0
Port: 0

Figure 3-14

3.11 Decoder Manage

Decoder manage interface is shown as in Figure 3-15.
PSS can manage several decoders at the same time.


NDV Manage
Device Info List
Device Information
Reset
Add
Update
Delete
OK
Cancel

User: admin - Admin

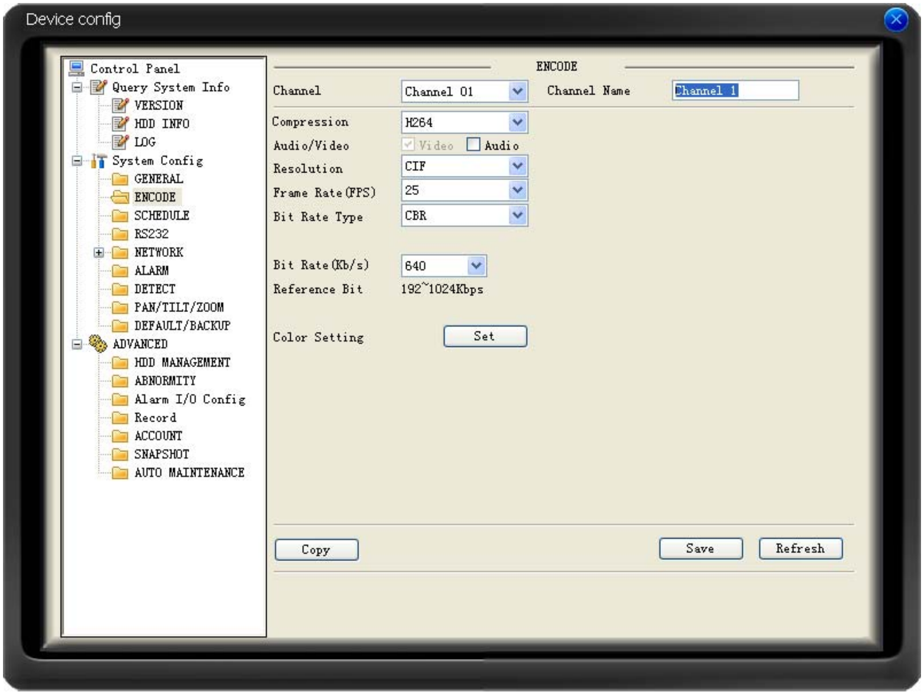
SN	Title	Desc	IP
1	tet33	tets22	10.0.0.0
2	10.7.4.26	10.7.4.26	10.7.4.26

Title:
Desc:
Ip: 0 . 0 . 0 . 0
Port: 37777
User:
Password:
Confirm password:

Figure 3-15

3.12 Device Manage

It is the same as the web setup. Here you can configure the selected device. See Figure 3-16.

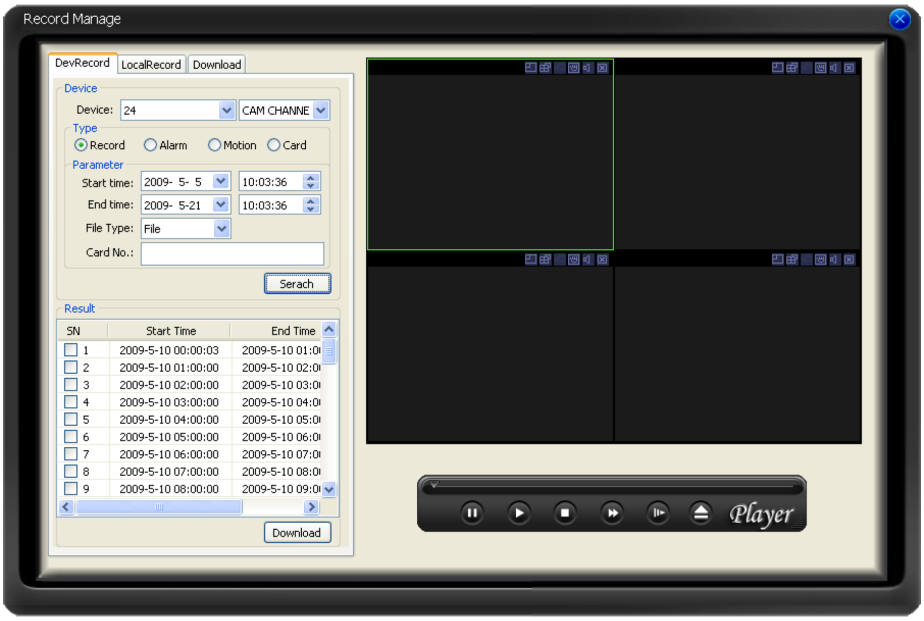

Device config
Control Panel
Query System Info
VERSION
HDD INFO
LOG
System Config
GENERAL
ENCODE
SCHEDULE
RS232
NETWORK
ALARM
DETECT
PAN/TILT/ZOOM
DEFAULT/BACKUP
ADVANCED
HDD MANAGEMENT
ABNORMITY
Alarm I/O Config
Record
ACCOUNT
SNAPSHOT
AUTO MAINTENANCE
ENCODE
Copy
Save
Refresh

Channel: Channel 01
Channel Name: Channel 1
Compression: H264
Audio/Video: ☑ Video ☐ Audio
Resolution: CIF
Frame Rate (FPS): 25
Bit Rate Type: CBR
Bit Rate (Kb/s): 640
Reference Bit: 192~1024Kbps
Color Setting: Set

Figure 3-16

3.13 Record Manage

Here you can view the remote device you can control, and corresponding local record playback and download. See Figure 3-17.


Record Manage
DevRecord
LocalRecord
Download
Device
Type
Parameter
Serach
Result
Download
Player

Device: 24 CAM CHANNE

● Record ○ Alarm ○ Motion ○ Card

Start time: 2009- 5- 5 10:03:36

End time: 2009- 5-21 10:03:36

File Type: File

Card No.:

SN	Start Time	End Time
☐ 1	2009-5-10 00:00:03	2009-5-10 01:0
☐ 2	2009-5-10 01:00:00	2009-5-10 02:0
☐ 3	2009-5-10 02:00:00	2009-5-10 03:0
☐ 4	2009-5-10 03:00:00	2009-5-10 04:0
☐ 5	2009-5-10 04:00:00	2009-5-10 05:0
☐ 6	2009-5-10 05:00:00	2009-5-10 06:0
☐ 7	2009-5-10 06:00:00	2009-5-10 07:0
☐ 8	2009-5-10 07:00:00	2009-5-10 08:0
☐ 9	2009-5-10 08:00:00	2009-5-10 09:0

Figure 3-17

3.14 E-map

You can manage and view e-map.

E-map manage interface is shown as in Figure 3-18.

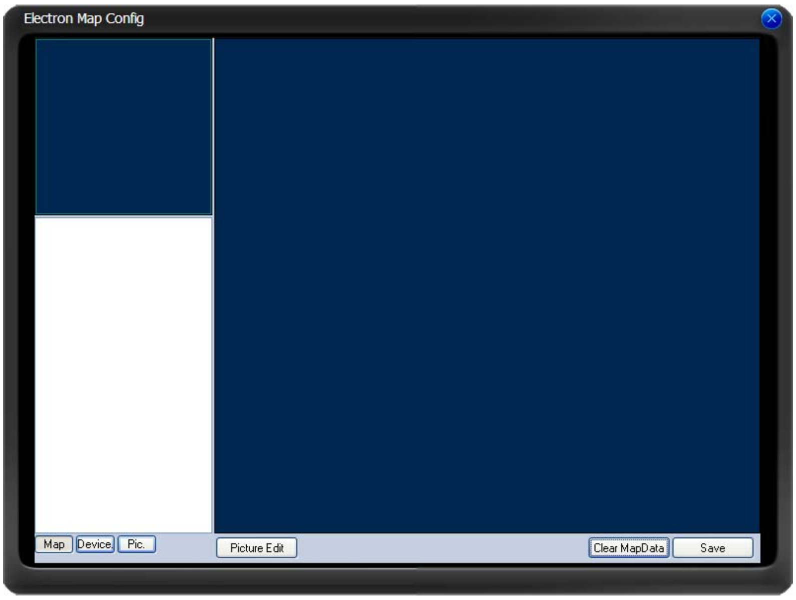

Electron Map Config
Map
Device
Pic.
Picture Edit
Clear MapData
Save

Figure 3-18

E-map display window is shown as in Figure 3-19.

批注 [A1]: 考虑更换成国外地图

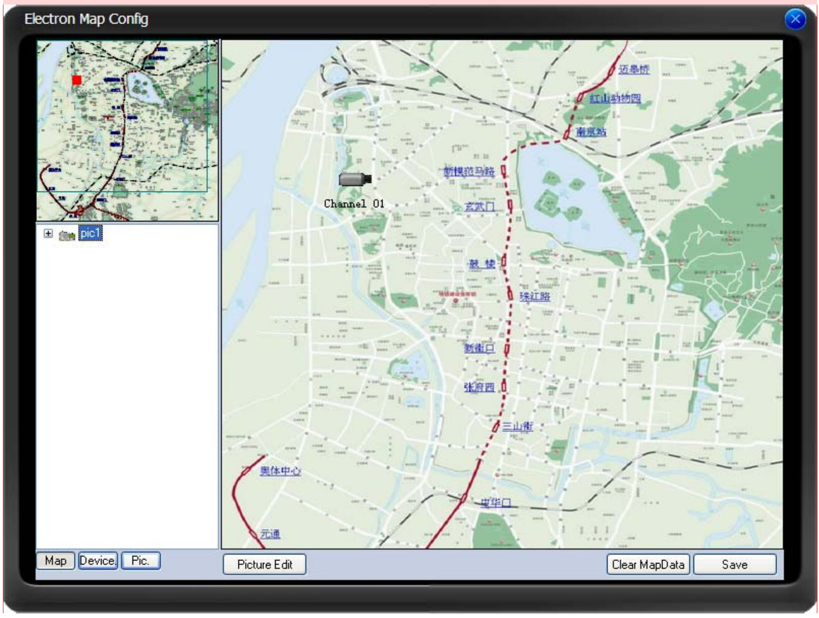
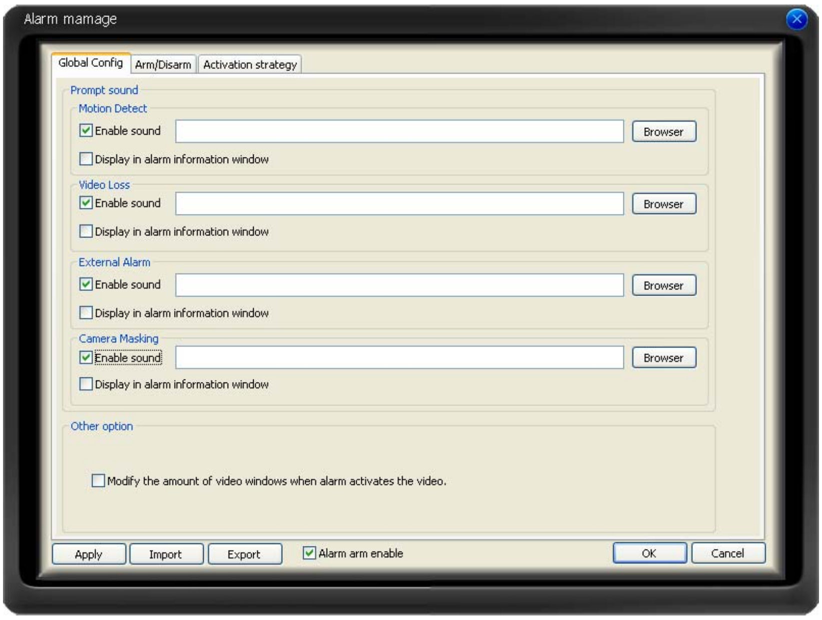

Electron Map Config
pic1
Channel 01
迈皋桥
红山动物园
南京站
新模范马路
玄武门
鼓楼
珠江路
新街口
张府园
三山街
奥体中心
中华门
元通
Map
Device
Pic.
Picture Edit
Clear MapData
Save

Figure 3-19

3.15 Alarm Activation Setup

Here is alarm arm and disarm and activation operation interface. See Figure 3-20.


Alarm mamage
Global Config
Arm/Disarm
Activation strategy
Browser
Browser
Browser
Browser
Apply
Import
Export
OK
Cancel

Prompt sound

Motion Detect

☑ Enable sound

☐ Display in alarm information window

Video Loss

☑ Enable sound

☐ Display in alarm information window

External Alarm

☑ Enable sound

☐ Display in alarm information window

Camera Masking

☑ Enable sound

☐ Display in alarm information window

Other option

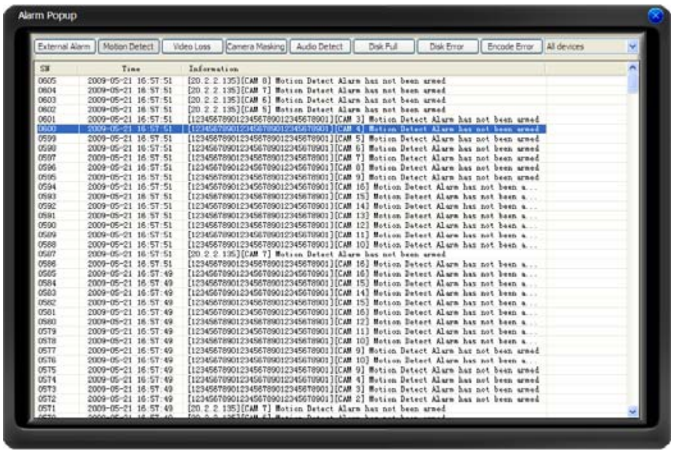
☐ Modify the amount of video windows when alarm activates the video.

☑ Alarm arm enable

Figure 3-20

3.16 Alarm Information Window

Here you can view all logged in devices alarm information. See Figure 3-21.

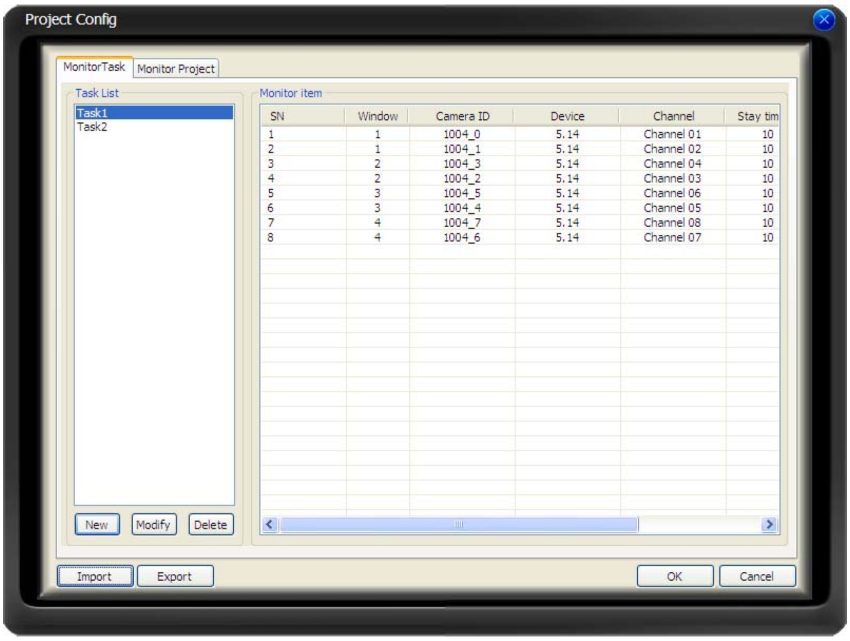


SN	Time	Information
0605	2009-05-21 16:57:51	[20.2.2.135][CAM 8] Motion Detect Alarm has not been armed
0604	2009-05-21 16:57:51	[20.2.2.135][CAM 7] Motion Detect Alarm has not been armed
0603	2009-05-21 16:57:51	[20.2.2.135][CAM 6] Motion Detect Alarm has not been armed
0602	2009-05-21 16:57:51	[20.2.2.135][CAM 5] Motion Detect Alarm has not been armed
0601	2009-05-21 16:57:51	[1234567890123456789012345678901][CAM 3] Motion Detect Alarm has not been armed
0600	2009-05-21 16:57:51	[1234567890123456789012345678901][CAM 4] Motion Detect Alarm has not been armed
0599	2009-05-21 16:57:51	[1234567890123456789012345678901][CAM 5] Motion Detect Alarm has not been armed
0598	2009-05-21 16:57:51	[1234567890123456789012345678901][CAM 6] Motion Detect Alarm has not been armed
0597	2009-05-21 16:57:51	[1234567890123456789012345678901][CAM 7] Motion Detect Alarm has not been armed
0596	2009-05-21 16:57:51	[1234567890123456789012345678901][CAM 8] Motion Detect Alarm has not been armed
0595	2009-05-21 16:57:51	[1234567890123456789012345678901][CAM 9] Motion Detect Alarm has not been armed
0594	2009-05-21 16:57:51	[1234567890123456789012345678901][CAM 16] Motion Detect Alarm has not been a...
0593	2009-05-21 16:57:51	[1234567890123456789012345678901][CAM 15] Motion Detect Alarm has not been a...
0592	2009-05-21 16:57:51	[1234567890123456789012345678901][CAM 14] Motion Detect Alarm has not been a...
0591	2009-05-21 16:57:51	[1234567890123456789012345678901][CAM 13] Motion Detect Alarm has not been a...
0590	2009-05-21 16:57:51	[1234567890123456789012345678901][CAM 12] Motion Detect Alarm has not been a...
0589	2009-05-21 16:57:51	[1234567890123456789012345678901][CAM 11] Motion Detect Alarm has not been a...
0588	2009-05-21 16:57:51	[1234567890123456789012345678901][CAM 10] Motion Detect Alarm has not been a...
0587	2009-05-21 16:57:51	[20.2.2.135][CAM 7] Motion Detect Alarm has not been armed
0586	2009-05-21 16:57:51	[1234567890123456789012345678901][CAM 16] Motion Detect Alarm has not been a...
0585	2009-05-21 16:57:49	[1234567890123456789012345678901][CAM 16] Motion Detect Alarm has not been a...
0584	2009-05-21 16:57:49	[1234567890123456789012345678901][CAM 15] Motion Detect Alarm has not been a...
0583	2009-05-21 16:57:49	[1234567890123456789012345678901][CAM 14] Motion Detect Alarm has not been a...
0582	2009-05-21 16:57:49	[1234567890123456789012345678901][CAM 15] Motion Detect Alarm has not been a...
0581	2009-05-21 16:57:49	[1234567890123456789012345678901][CAM 16] Motion Detect Alarm has not been a...
0580	2009-05-21 16:57:49	[1234567890123456789012345678901][CAM 12] Motion Detect Alarm has not been a...
0579	2009-05-21 16:57:49	[1234567890123456789012345678901][CAM 11] Motion Detect Alarm has not been a...
0578	2009-05-21 16:57:49	[1234567890123456789012345678901][CAM 10] Motion Detect Alarm has not been a...
0577	2009-05-21 16:57:49	[1234567890123456789012345678901][CAM 9] Motion Detect Alarm has not been armed
0576	2009-05-21 16:57:49	[1234567890123456789012345678901][CAM 10] Motion Detect Alarm has not been a...
0575	2009-05-21 16:57:49	[1234567890123456789012345678901][CAM 9] Motion Detect Alarm has not been armed
0574	2009-05-21 16:57:49	[1234567890123456789012345678901][CAM 4] Motion Detect Alarm has not been armed
0573	2009-05-21 16:57:49	[1234567890123456789012345678901][CAM 3] Motion Detect Alarm has not been armed
0572	2009-05-21 16:57:49	[1234567890123456789012345678901][CAM 2] Motion Detect Alarm has not been armed
0571	2009-05-21 16:57:49	[20.2.2.135][CAM 7] Motion Detect Alarm has not been armed

Figure 3-21

3.17 Project Config Interface

Here you can configure and manage project. See Figure 3-22.

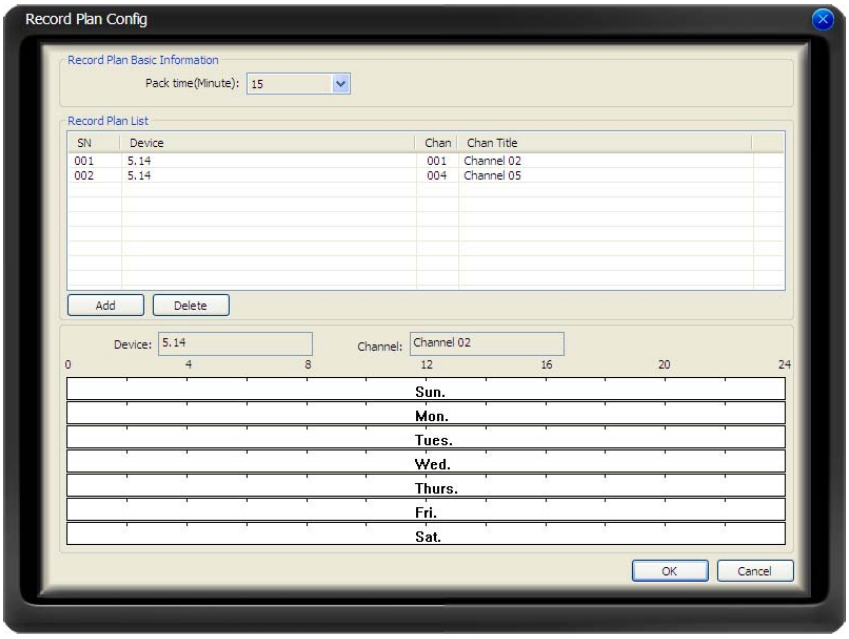


SN	Window	Camera ID	Device	Channel	Stay tim
1	1	1004_0	5.14	Channel 01	10
2	1	1004_1	5.14	Channel 02	10
3	2	1004_3	5.14	Channel 04	10
4	2	1004_2	5.14	Channel 03	10
5	3	1004_5	5.14	Channel 06	10
6	3	1004_4	5.14	Channel 05	10
7	4	1004_7	5.14	Channel 08	10
8	4	1004_6	5.14	Channel 07	10

Figure 3-22

3.18 Record Plan Interface

Here you can configure record plan. See Figure 3-23.


Record Plan Config
Record Plan Basic Information
Record Plan List
Add
Delete
0
4
8
12
16
20
24
Sun.
Mon.
Tues.
Wed.
Thurs.
Fri.
Sat.
OK
Cancel

Pack time(Minute): 15

SN	Device	Chan	Chan Title
001	5.14	001	Channel 02
002	5.14	004	Channel 05

Device: 5.14

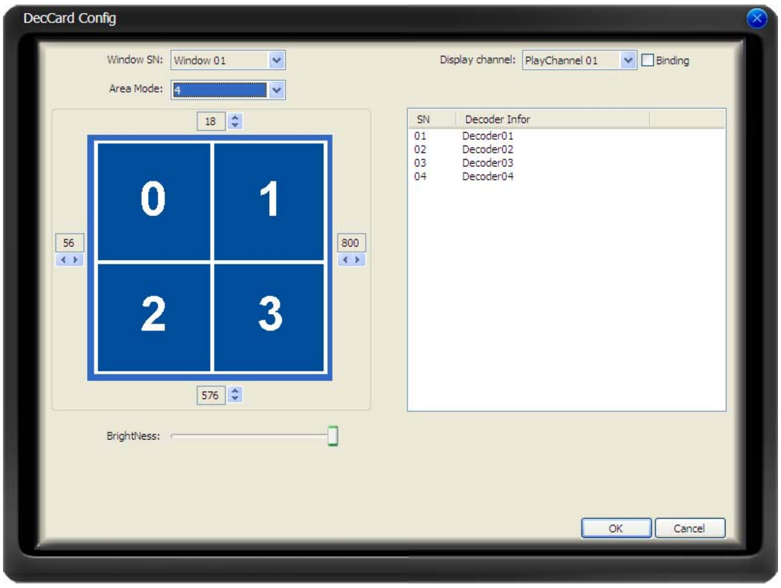
Channel: Channel 02

Figure 3-23

3.19 Decode Card Config

Here you can configure decode card. See Figure 3-24.

Please note, you need to enable “loading decode card when PSS boots up” function in the Configuration interface first. See chapter 3.9.


DecCard Config
0
1
2
3
BrightNess:
OK
Cancel

Window SN: Window 01

Area Mode: 4

Display channel: PlayChannel 01 ☐ Binding

18

56

800

576

SN	Decoder Infor
01	Decoder01
02	Decoder02
03	Decoder03
04	Decoder04

Figure 3-24

4 Operation

4.1 System Configuration

If it is your first time to run PSS, please go to the Configuration interface to set some basic information.

You can go to the Configuration interface from the full menu. See Figure 4-1.

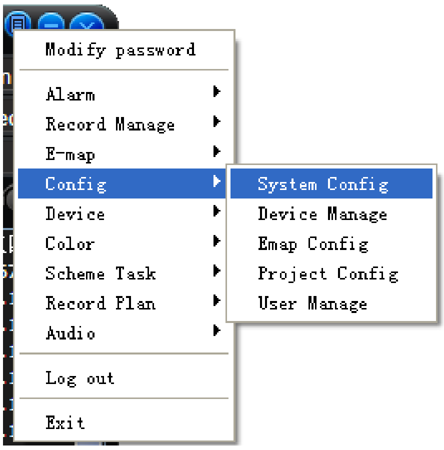

Modify password
Alarm
Record Manage
E-map
Config
Device
Color
Scheme Task
Record Plan
Audio
Log out
Exit
System Config
Device Manage
Emap Config
Project Config
User Manage

Figure 4-1

Or you can go to the Configuration interface from the bottom tool bar. See Figure 4-2.

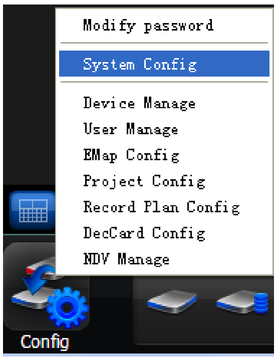
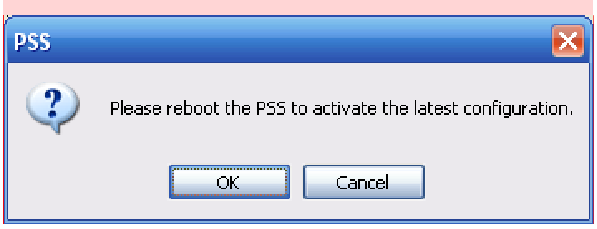

Modify password
System Config
Device Manage
User Manage
EMap Config
Project Config
Record Plan Config
DecCard Config
NDV Manage
Config

Figure 4-2

Please refer to chapter 3.9 for detailed information.

Click OK button, system pops up the following dialogue box. See Figure 4-3.


PSS
OK
Cancel

Please reboot the PSS to activate the latest configuration.

批注 [A2]: 题是内容修改，图片需要更新

Figure 4-3

Please click OK to reboot the PSS.

批注 [A3]: 程序不会自动重启，需要手动重新启动，OK,CANCEL 表示是否保存配置

4.2 Modify Password

There are three ways for you to go to the password modification interface.

From the bottom tool bar, the interface is shown as in Figure 4-7.

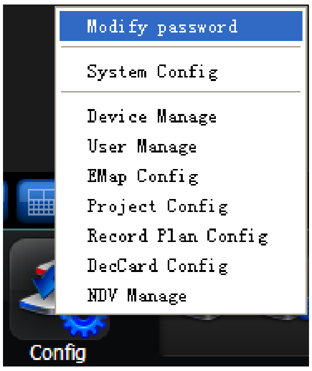

Modify password
System Config
Device Manage
User Manage
EMap Config
Project Config
Record Plan Config
DecCard Config
NDV Manage
Config

Figure 4-4

From the right tray menu, the interface is shown as in Figure 4-5.

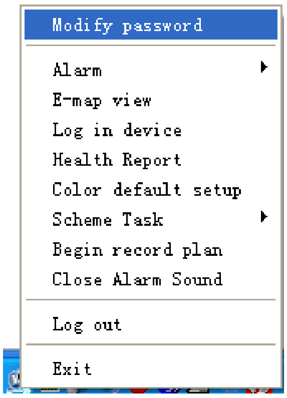

Modify password
Alarm
E-map view
Log in device
Health Report
Color default setup
Scheme Task
Begin record plan
Close Alarm Sound
Log out
Exit

Figure 4-5

From the full menu, the interface is shown as in Figure 4-6.

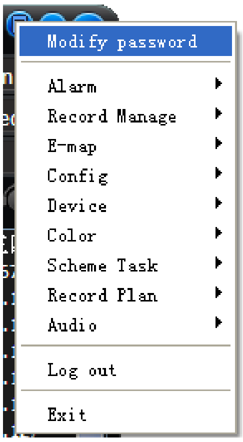

Modify password
Alarm
Record Manage
E-map
Config
Device
Color
Scheme Task
Record Plan
Audio
Log out
Exit

Figure 4-6

Click modify password button, system pops up the following interface. See Figure 4-7.

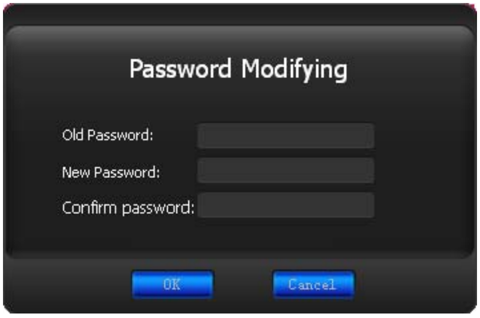

Password Modifying
Old Password:
New Password:
Confirm password:
OK
Cancel

Figure 4-7

Please input the old password and then input new password twice to change the password.

4.3 Device Manage

There are four ways for you to go to the device manage interface.
From the full menu, the interface is shown as in Figure 4-8.

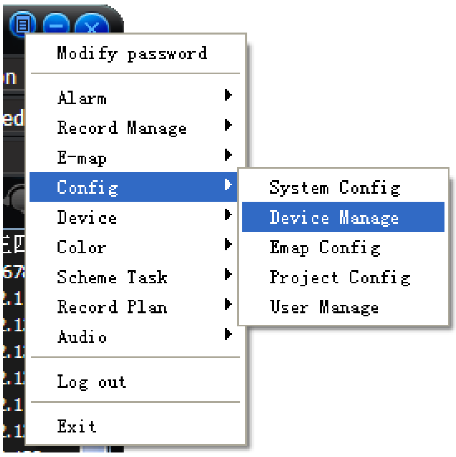

Modify password
Alarm
Record Manage
E-map
Config
Device
Color
Scheme Task
Record Plan
Audio
Log out
Exit
System Config
Device Manage
Emap Config
Project Config
User Manage

Figure 4-8

From the full menu, the interface is shown as in Figure 4-9.

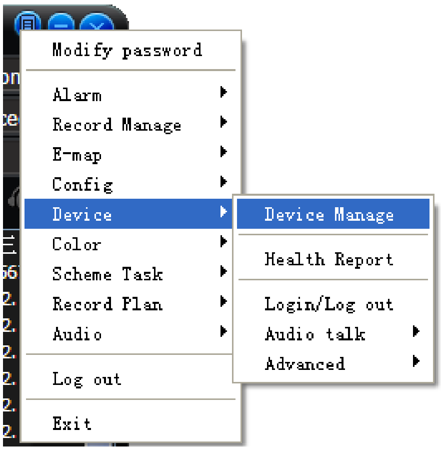

Modify password
Alarm
Record Manage
E-map
Config
Device
Color
Scheme Task
Record Plan
Audio
Log out
Exit
Device Manage
Health Report
Login/Log out
Audio talk
Advanced

Figure 4-9

From the configuration button, the interface is shown as in Figure 4-10.

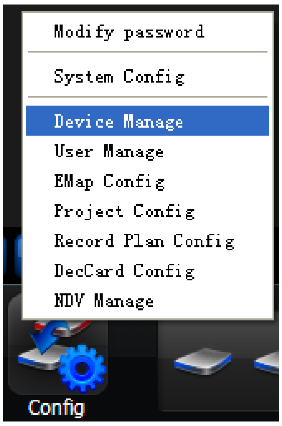

Modify password
System Config
Device Manage
User Manage
EMap Config
Project Config
Record Plan Config
DecCard Config
NDV Manage
Config

Figure 4-10

From the right tool bat, the interface is shown as in Figure 4-11.

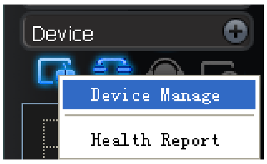

Device
Device Manage
Health Report

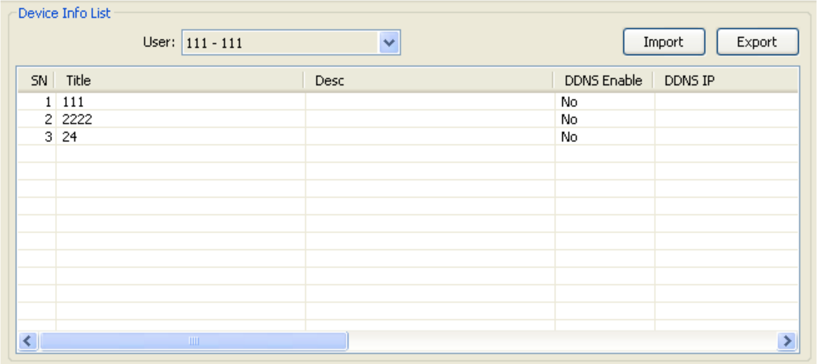
Figure 4-11

The device manage interface can be divided into two parts. The device information list part is shown as in Figure 4-12.

In the device information list, you can view the added device information.

You can select a user to see different devices since various users have different rights. Admin can view all devices.

Import/Export: Export current device information to the xml file or import device xml file to current list.


Device Info List
Import
Export

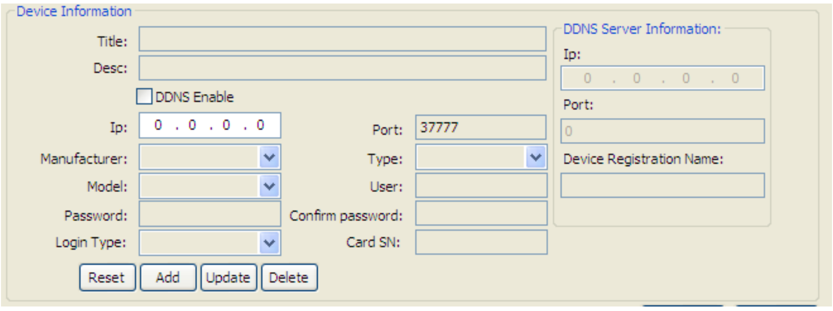
User: 111 - 111

SN	Title	Desc	DDNS Enable	DDNS IP
1	111		No	
2	2222		No	
3	24		No	

Figure 4-12

Device information: When you select one device in the list, you can view and modify the detailed device information. See Figure 4-14.

Please note, the user name, password in the following figure (Figure 4-13) are for you to log in the device. It has no relationship with the PSS.


Device Information
Title:
Desc:
Manufacturer:
Model:
Password:
Login Type:
Type:
User:
Confirm password:
Card SN:
Reset
Add
Update
Delete
DDNS Server Information:
Device Registration Name:

☐ DDNS Enable

Ip: 0 . 0 . 0 . 0

Port: 37777

DDNS Server Information: Ip: 0 . 0 . 0 . 0

Port: 0

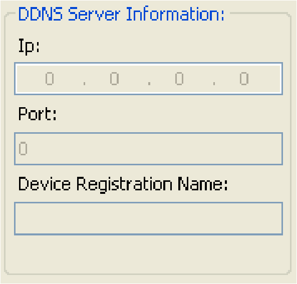
Figure 4-13

About DDNS and IP address

If you enabled DDNS function, the IP address information is invalid. That is to say, Figure 4-14 and Figure 4-15 can not be active at the same time.

IP: 2 . 0 . 0 . 0

Figure 4-14



DDNS Server Information:

Ip:

0 . 0 . 0 . 0

Port:

0

Device Registration Name:

Figure 4-15

4.4 E-map

There are two ways for you to go to the e-map interface.

From the full menu, the interface is shown as in Figure 4-16.

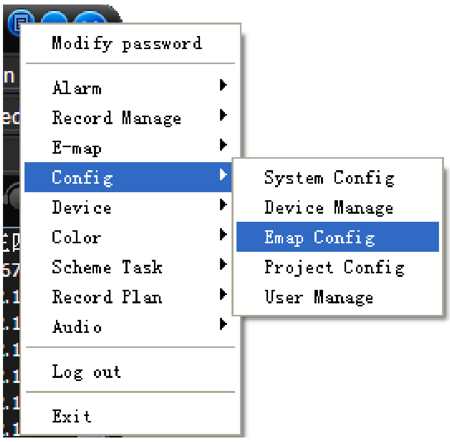

Modify password
Alarm
Record Manage
E-map
Config
Device
Color
Scheme Task
Record Plan
Audio
Log out
Exit
System Config
Device Manage
Emap Config
Project Config
User Manage

Figure 4-16

From the bottom tool bar, the interface is shown as in Figure 4-17.

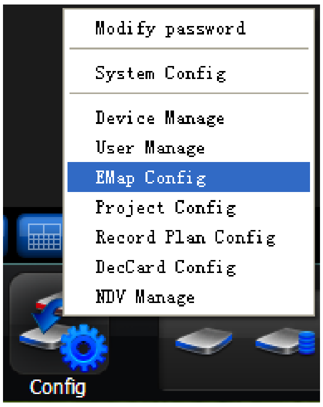

Modify password
System Config
Device Manage
User Manage
EMap Config
Project Config
Record Plan Config
DecCard Config
NDV Manage
Config

Figure 4-17

If it is you first to use e-map, you need to create one first. The image save path is in your user folder \EmapImages. Please refer to the system configuration interface for e-map loading path. The e-map interface is shown as below. See Figure 4-18.

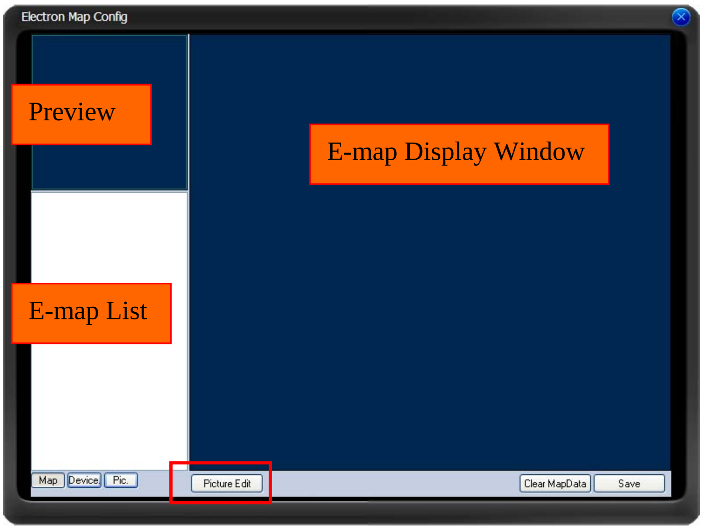

Electron Map Config
Preview
E-map Display Window
E-map List
Map
Device
Pic.
Picture Edit
Clear MapData
Save

Figure 4-18

In Figure 4-18, click picture edit button, you can see the following interface. See Figure 4-19.

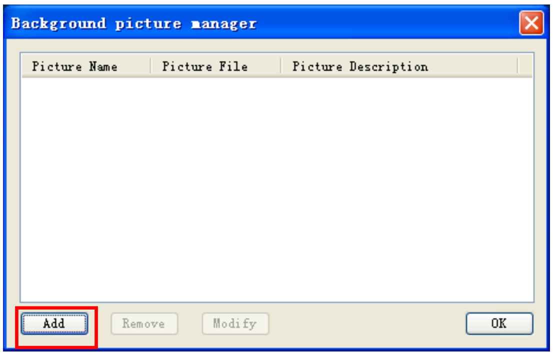

Background picture manager
Picture Name
Picture File
Picture Description
Add
Remove
Modify
OK

Figure 4-19

Click add button, you can see an interface is shown as in Figure 4-20. Here you can input picture name (such as Shanghai Map), picture description and then select picture path. Please click OK button to save current setup.

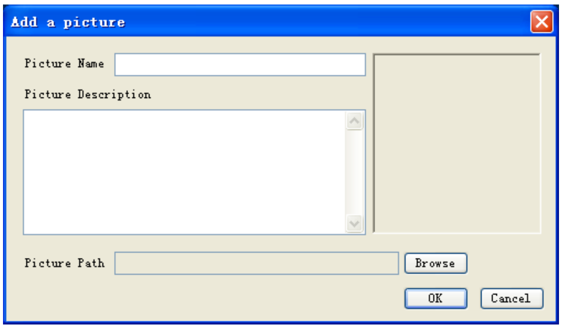

Add a picture
Picture Name
Picture Description
Picture Path
Browse
OK
Cancel

Figure 4-20

After you finished the above steps, click picture button in Figure 4-21. Now you can see you have added an e-map. See 错误！未找到引用源。.

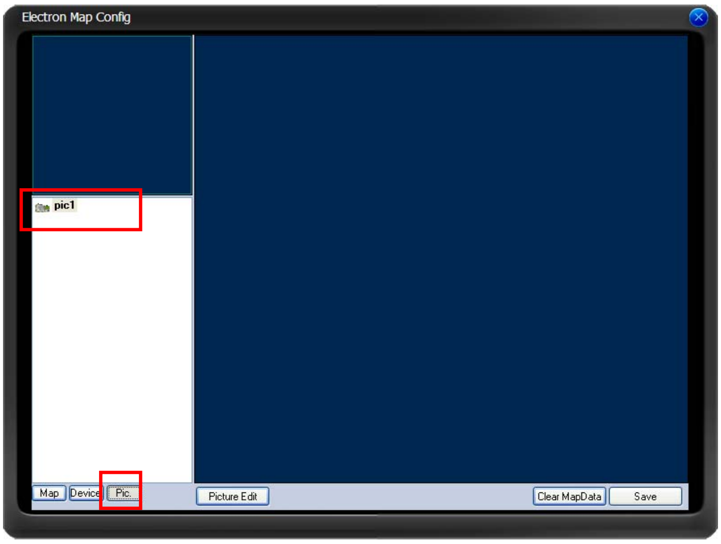
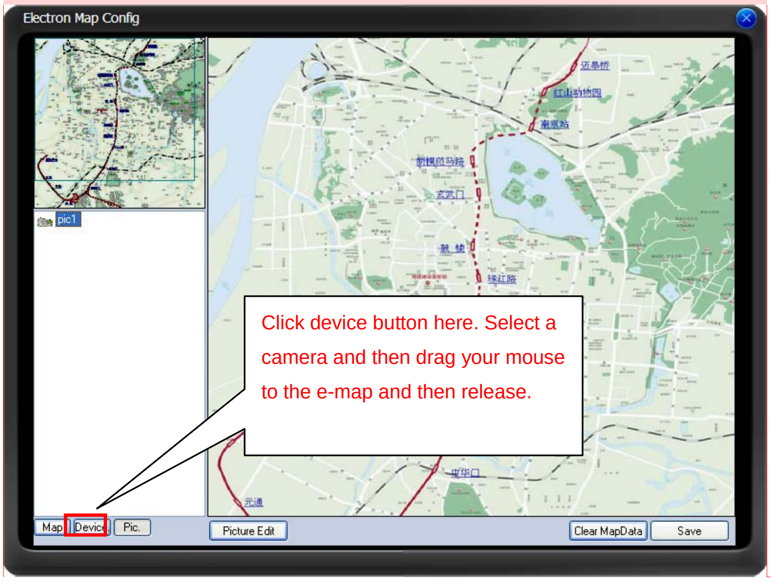

Electron Map Config
pic1
Map
Device
Pic.
Picture Edit
Clear MapData
Save

Figure 4-21

In Figure 4-21, left click e-map name and then drag it to the display section. Now you can see an interface is shown as in Figure 4-22.


Electron Map Config
pic1
Map
Device
Pic.
Picture Edit
Clear MapData
Save

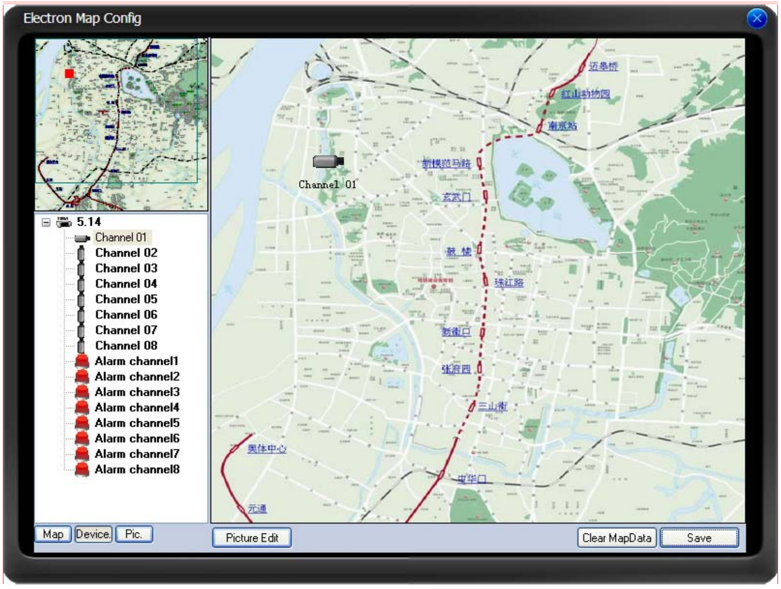
Click device button here. Select a camera and then drag your mouse to the e-map and then release.

批注 [A4]: 考虑是否更换成国外地图

Figure 4-22

In Figure 4-22 click device button, and then drag the channel number to the e-map and then release. You can see the following interface. See Figure 4-23

You can see you have added a camera in the e-map (The red circle one.)


Electron Map Config
Channel 01
5.14
Channel 01
Channel 02
Channel 03
Channel 04
Channel 05
Channel 06
Channel 07
Channel 08
Alarm channel1
Alarm channel2
Alarm channel3
Alarm channel4
Alarm channel5
Alarm channel6
Alarm channel7
Alarm channel8
Map
Device
Pic.
Picture Edit
Clear MapData
Save

批注 [A5]: 考虑是否更换成国外地图

Figure 4-23

Tip:

Move the green rectangle icon in the preview section; you can view different e-map content in display section.

You can repeat the above procedures to add a sub-map.

If you want to implement multiple sub-e-maps setup, you can follow the procedures below:

- Open one map such as map1.
- Click picture button and drag map 2 to anywhere in map1.
- Click map button and click map 2 to open current map
- Double click device name on your right side to add one device to map 2.
- You can view newly added e-map and device list in the map list section.
- Click save button, now you have added one sub-map and its device.

Please note the camera and alarm device can only be used once.

In the e-map displayed zone, right click mouse, you can view camera and alarm device property. See Figure 4-24.

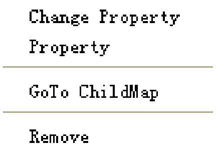
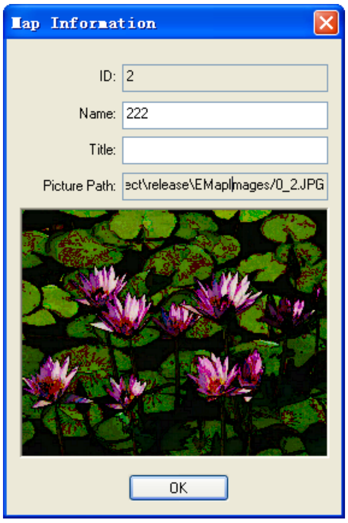


Figure 4-24

Click property button, the interface is shown as in Figure 4-25.

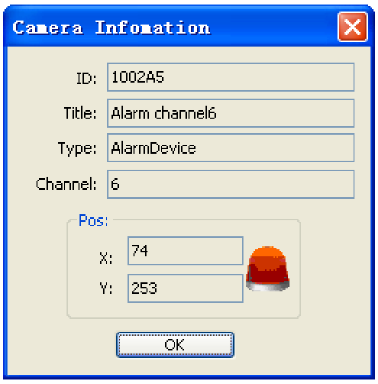


ID: 2
Name: 222
Title:
Picture Path: ect\release\EMapImages/0_2.JPG

Figure 4-25

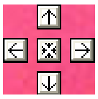
Please click OK button after you complete setup.

Click device button and then right click the camera in the e-map, you can view camera property information. See Figure 4-26.

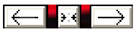

Camera Infomation
Pos:
OK

ID: 1002A5
Title: Alarm channel6
Type: AlarmDevice
Channel: 6
X: 74
Y: 253

Figure 4-26

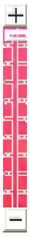


icon is to move e-map position. The centre button is to go to the e-map centre. It is valid when e-map has been zoom in.



The left button is to view previous browser image and the next browser image. The middle button is to go back to the main e-map and clear browser history.

Double click sub e-map to go to the next e-map. Double click camera to open the monitor video.



It is to zoom in or zoom out the e-map. Roll the mouse you can also zoom the e-map.

When alarm occurs, the corresponding camera or alarm device will flash.

4.5 Health Report

Here you can view device current status (Support auto refresh function).

From the full menu, the interface is shown as in Figure 4-27.

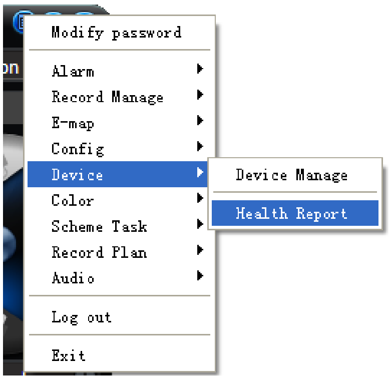

Modify password
Alarm
Record Manage
E-map
Config
Device
Color
Scheme Task
Record Plan
Audio
Log out
Exit
Device Manage
Health Report

Figure 4-27

From the right tool bar, the interface is shown as in below. See Figure 4-28.

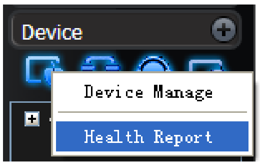
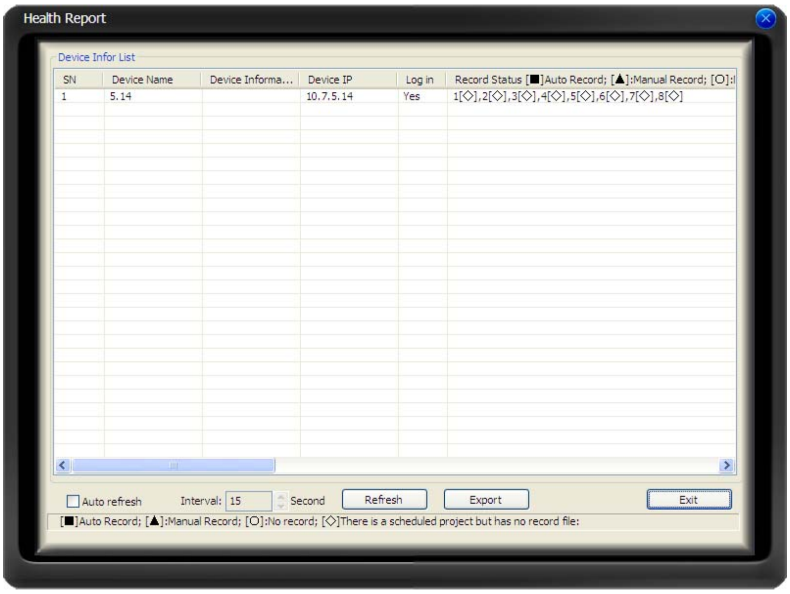

Device
Device Manage
Health Report

Figure 4-28

Or you can use the hotkey function to see the health report interface. For hotkey definition, please go to chapter 3.9 system configure.

The health report interface is shown as in Figure 4-29.

- Refresh: Refresh device health report manually.
- Export: Export health report to the specified file.
- Exit: Close current dialogue box.


Health Report
Device Infor List

SN	Device Name	Device Informa...	Device IP	Log in	Record Status [■]Auto Record; [▲]:Manual Record; [○]:
1	5.14		10.7.5.14	Yes	1[◇],2[◇],3[◇],4[◇],5[◇],6[◇],7[◇],8[◇]

☐ Auto refresh

Interval: 15 Second

Refresh
Export
Exit

[■]Auto Record; [▲]:Manual Record; [○]:No record; [◇]There is a scheduled project but has no record file:

Figure 4-29

4.6 Device Operation

Here you can view all the devices information you can configure. All logged in device channel have open. See Figure 4-30.

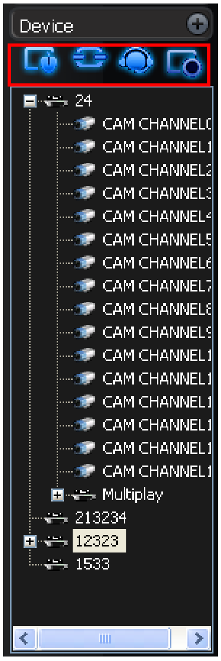

Device
24
CAM CHANNEL0
CAM CHANNEL1
CAM CHANNEL2
CAM CHANNEL3
CAM CHANNEL4
CAM CHANNEL5
CAM CHANNEL6
CAM CHANNEL7
CAM CHANNEL8
CAM CHANNEL9
CAM CHANNEL1
CAM CHANNEL1
CAM CHANNEL1
CAM CHANNEL1
CAM CHANNEL1
CAM CHANNEL1
Multiplay
213234
12323
1533

Figure 4-30

In Figure 4-31, there are four buttons device manage, login/logout, audio talk and advanced. Please note the audio talk and advanced is valid for logged in device only.

Audio talk: One device supports one audio talk operation only. Left click mouse in Figure 4-31 or click audio talk button in Figure 4-32, system pops up the following audio encode mode system supported. Please right click mouse, you can select the audio encode mode. The circle means there is audio talk in process.

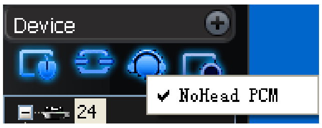

Device
✔ NoHead PCM
24

Figure 4-31

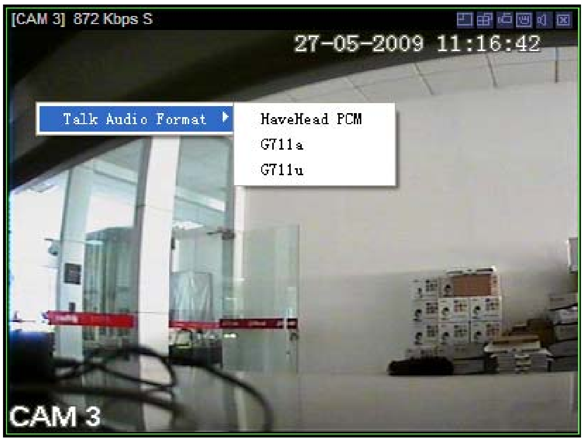

[CAM 3] 872 Kbps S
27-05-2009 11:16:42
Talk Audio Format
HaveHead PCM
G711a
G711u
CAM 3

Figure 4-32

Please note, since one device supports one audio talk operation, once you have enabled audio talk function in NVD, you can not enable audio talk in device operation.

4.7 Video Operation

Please double click the camera icon to view the video. See Figure 4-33.

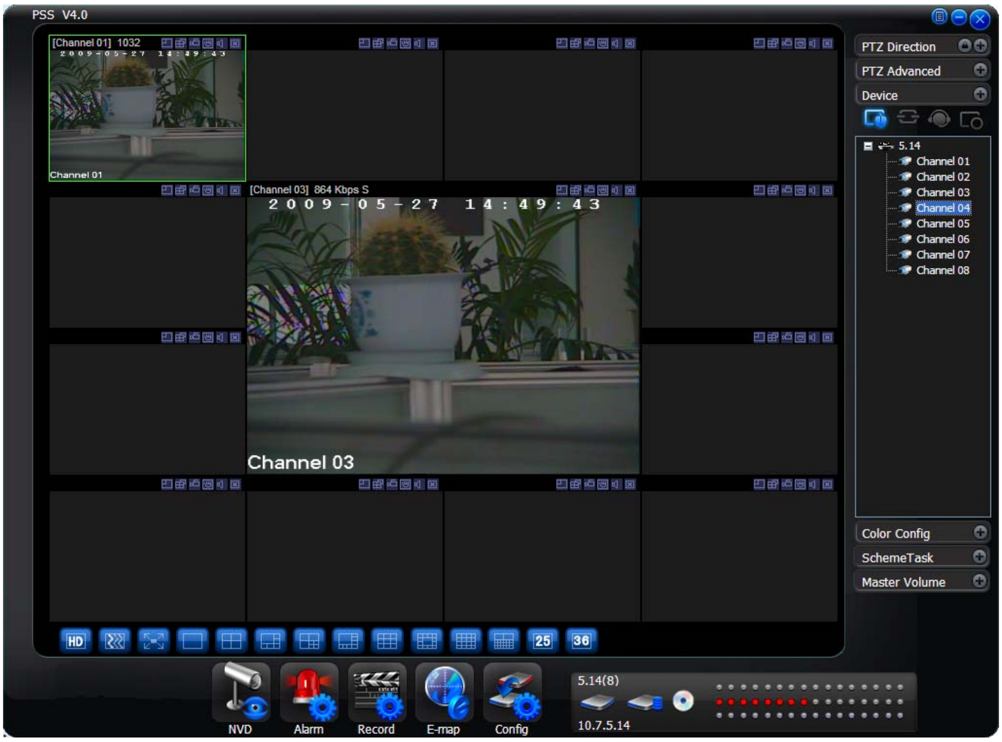

PSS V4.0
[Channel 01] 1032
2009-05-27 14:49:43
Channel 01
[Channel 03] 864 Kbps S
2009-05-27 14:49:43
Channel 03
PTZ Direction
PTZ Advanced
Device
5.14
Channel 01
Channel 02
Channel 03
Channel 04
Channel 05
Channel 06
Channel 07
Channel 08
Color Config
SchemeTask
Master Volume
HD
25
36
NVD
Alarm
Record
E-map
Config
5.14(8)
10.7.5.14

Figure 4-33

The camera has the same name as you specified for the device. Please go to advanced->device configuration->encode to modify channel name. You need to log in device again to view the latest name.

For device configuration information, please refer to corresponding user's manual.

The screen display mode switch button can meets your various view styles.

Please note the decode card window and project running window does not support current function.

Please note current selected window is circled by green rim.

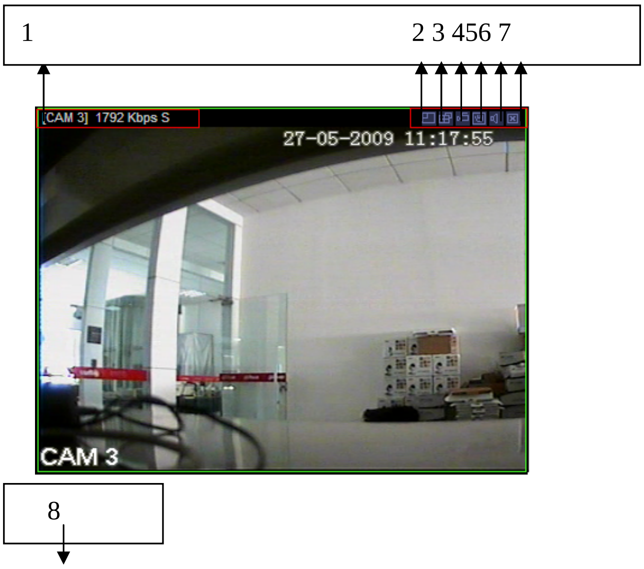


Figure 4-34

Please refer to the following sheet for monitor window parameter information.

SN	Parameter	Function
1	Bit stream rate.	Bit stream rate.
2	Digital zoom	Click this button and then left drag the mouse in the zone to zoom in. Right click mouse system restores original status.
3	Change show mode	Resize or switch to full screen mode.
4	Local record	When you click local record button, the system begins recording.
5	Capture picture	You can snapshoot important video.
6	Audio	Turn on or off audio.(It has no relationship with system audio setup)
7	Close video	Close video in current window.
8	Channel number	Current view channel number.

批注 [A6]: 该处信息增加为：摄像头信息、码流信息、解码类型显示（S：软解码、H：解码卡解码）

批注 [A7]: 这个是视频图像中的信息，位置不一定在这里，应该去除

You can click full-screen button or you specified full-screen hotkey to realize full screen(chapter 3.9 system configuration).

Please click ESC or hotkey to exit full screen.

4.8 Color

You can select color default button to restore default setup. See Figure 4-35 (from the full menu) and Figure 4-36 (from the right tray menu).

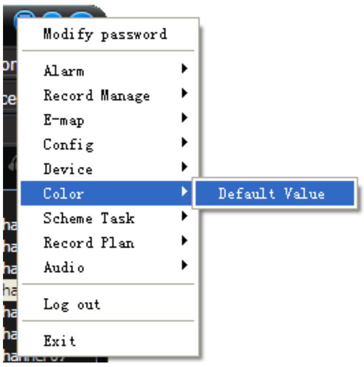

Modify password
Alarm
Record Manage
E-map
Config
Device
Color
Default Value
Scheme Task
Record Plan
Audio
Log out
Exit

Figure 4-35

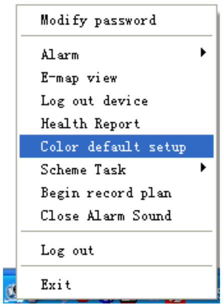

Modify password
Alarm
E-map view
Log out device
Health Report
Color default setup
Scheme Task
Begin record plan
Close Alarm Sound
Log out
Exit

Figure 4-36

Color setup interface is shown as in Figure 4-37.
Color setup function only applies to the selected video.

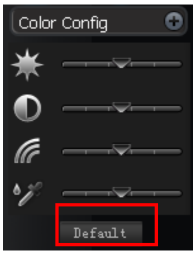

Color Config
Default

Figure 4-37

4.9 PTZ

If you want to use PTZ function, please make sure:

- Current device has PTZ function.
- You have proper right to control the PTZ.

If you still can not use PTZ function, please check device PTZ protocol is right or not.

The PTZ interface is shown as in Figure 4-38 and Figure 4-39.

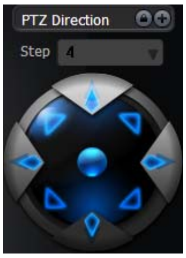

PTZ Direction
Step
4

Figure 4-38

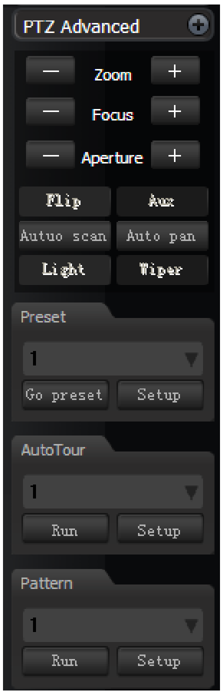
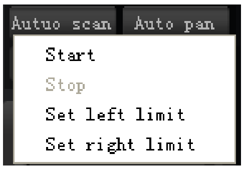
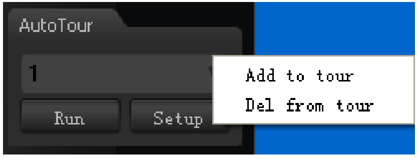
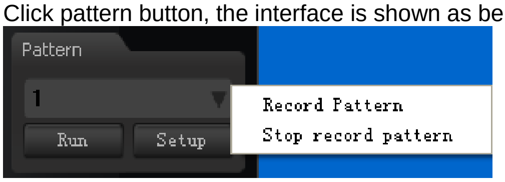

PTZ Advanced
Zoom
Focus
Aperture
Flip
Aux
Autuo scan
Auto pan
Light
Wiper
Preset
1
Go preset
Setup
AutoTour
1
Run
Setup
Pattern
1
Run
Setup

Figure 4-39

Parameter	Function
Scan	Click auto scan button, the interface is shown as below.  Autuo scan Auto pan Start Stop Set left limit Set right limit You can set scan left limit and right limit and then start a scan. ● Move the camera to you desired location and then click left limit button. ● Then move the camera again and then click right limit button to set a right limit.

Parameter	Function
Preset	Use direction keys to move the camera to your desired location and then input preset value. Click add button, you have set one preset.
Tour	Click auto tour button, the interface is shown as in below.  AutoTour 1 Run Setup Add to tour Del from tour ● Input auto tour value and preset value. Click add button, you have added one preset in the tour. ● Repeat the above procedures you can add more presets in one tour. ● Or you can click delete button to remove one preset from the tour.
Pattern	Click pattern button, the interface is shown as below.  Pattern 1 Run Setup Record Pattern Stop record pattern You can input pattern value and then click start record button to begin PTZ movement. Please implement camera operation. Then you can click stop record button. Now you have set one pattern.
Assistant	The assistant dropdown list includes: aux, auto scan, auto pan, wiper, light, and flip. Please select one item and then click start or stop button.

4.10 Volume Control

The volume interface is shown as in Figure 4-40.

There are three function buttons:

Sound box volume control, microphone volume control and close alarm audio.

Close alarm sound function is to close the alarm activated sound.

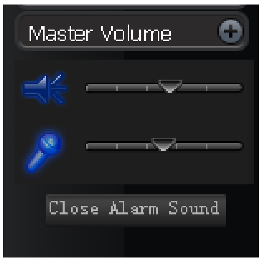


Figure 4-40

4.11 Record Control

There are two ways to go to record manage interface. See Figure 4-41 (from the bottom toolbar) and Figure 4-42(from the full menu).

Figure 4-41

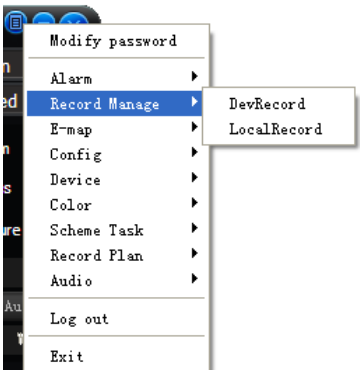

Modify password
Alarm
Record Manage
E-map
Config
Device
Color
Scheme Task
Record Plan
Audio
Log out
Exit
DevRecord
LocalRecord

Figure 4-42

Record control interface can playback the video. See Figure 4-43.

Player

The player has the following function buttons:

Pause, play, stop, fast play, slow play and open local file,

Please note player only applies to current window.

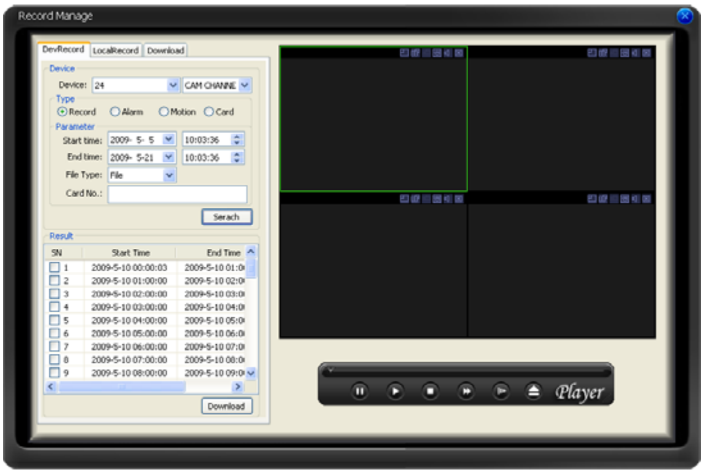
Search

Please select record playback mode, and then select start time, end time and channel. Then please click search button, you can see the corresponding files in the list.

Download

Select the file(s) you want to download and then click download button, system pops up a dialogue box, please specify file name and path to download the file(s) to your local pc.

Click Ok to complete the download procedure.


Record Manage
DevRecord
LocalRecord
Download
Device
Type
Parameter
Serach
Result
Download
Player

Device: 24 CAM CHANNE

Type: ● Record ○ Alarm ○ Motion ○ Card

Start time: 2009- 5- 5 10:03:36

End time: 2009- 5-21 10:03:36

File Type: File

Card No.:

SN	Start Time	End Time
☐ 1	2009-5-10 00:00:03	2009-5-10 01:0
☐ 2	2009-5-10 01:00:00	2009-5-10 02:0
☐ 3	2009-5-10 02:00:00	2009-5-10 03:0
☐ 4	2009-5-10 03:00:00	2009-5-10 04:0
☐ 5	2009-5-10 04:00:00	2009-5-10 05:0
☐ 6	2009-5-10 05:00:00	2009-5-10 06:0
☐ 7	2009-5-10 06:00:00	2009-5-10 07:0
☐ 8	2009-5-10 07:00:00	2009-5-10 08:0
☐ 9	2009-5-10 08:00:00	2009-5-10 09:0

Figure 4-43

Please refer to the following sheet for detailed information.

Parameter	Function
Type	Search general record, alarm record and motion detection record.
Alarm	Search alarm record.
Motion Detection	Search motion detection record.
Card	Search card record.
Start time	Set the file start time.
End time	Set the file end time.
Channel	Select the channel from the dropdown list.
Search	Click this button you can view the recorded file matched your requirements.
Playback	Select the file first and then click playback button to view the video.
Download type	• Download by file: Select the file(s) and then click download button. • Download by time: Download the recorded file(s) within your specified period.
Download	• Select the file you need (multiple choices) and then click download button, you can see system pops up a dialogue box, please specify file name and path to download the file(s) to your local pc. • Input the downloaded file name, specify the path and then click OK button. You can see system begins download and the download becomes stop button. There is a progress bar for your reference.
Local record	Select local record to play.

Please note, for playback function, sometimes, due to network factor or device right factor, you can not playback some files.

Please note record save path and download save path are not the same. Please refer to chapter 3.9 system configuration.

4.12 Alarm Manage

There are following three ways for you to go to the alarm manage interface. See Figure 4-44 (from the bottom tool bar), Figure 4-45 (from the full menu) and Figure 4-46(from the right tray menu).

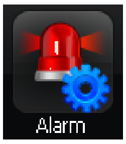


Figure 4-44

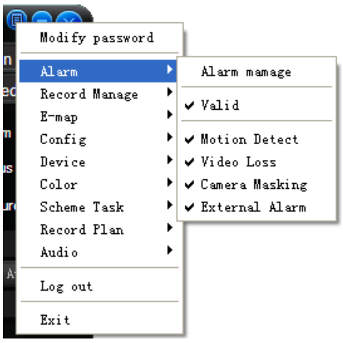

Modify password
Alarm
Record Manage
E-map
Config
Device
Color
Scheme Task
Record Plan
Audio
Log out
Exit
Alarm manage
✓ Valid
✓ Motion Detect
✓ Video Loss
✓ Camera Masking
✓ External Alarm

Figure 4-45

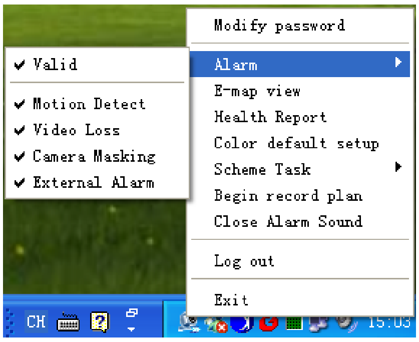
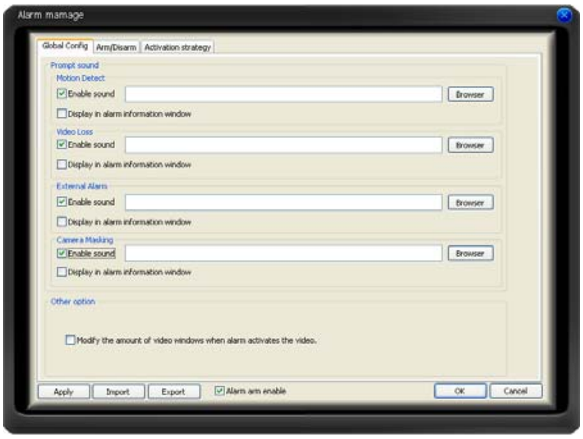

Modify password
Alarm
E-map view
Health Report
Color default setup
Scheme Task
Begin record plan
Close Alarm Sound
Log out
Exit
✓ Valid
✓ Motion Detect
✓ Video Loss
✓ Camera Masking
✓ External Alarm
CH
15:03

Figure 4-46

You can enable alarm arm conveniently. The circle means current arm is valid. See Figure 4-47.
Global configuration: Here is some simple activation setup.
Change displayed video amount: When the activated operation amount is more than current open window amount, system can auto open more windows.
Enable alarm arm: you can click this function to enable all alarm arm buttons.
Add/remove the alarm message to be processed: PSS supports multiple devices and there are so many alarms. System can filter as you specified.

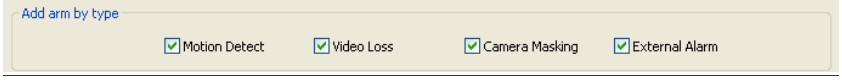

Alarm mamage
Global Config
Arm/Disarm
Activation strategy
Prompt sound
Motion Detect
Video Loss
External Alarm
Camera Masking
Other option
Browser
Apply
Import
Export
OK
Cancel

Motion Detect: ☑ Enable sound; ☐ Display in alarm information window
Video Loss: ☑ Enable sound; ☐ Display in alarm information window
External Alarm: ☑ Enable sound; ☐ Display in alarm information window
Camera Masking: ☑ Enable sound; ☐ Display in alarm information window
☐ Modify the amount of video windows when alarm activates the video.
☑ Alarm arm enable

Figure 4-47

Arm by type

PSS supports filter four alarm types: motion detection, video loss, camera masking, external alarm. See Figure 4-48.

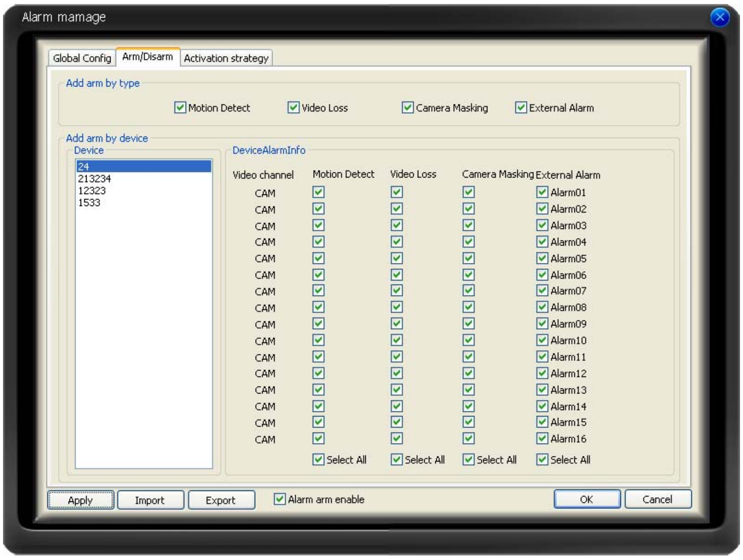

Add arm by type

☑ Motion Detect ☑ Video Loss ☑ Camera Masking ☑ External Alarm

Figure 4-48

Please note, alarm only becomes active in the following situation.

- The alarm type has enabled in the “arm as type”
- You have selected the alarm in the arm as device.
- The enabled alarm is open.


Alarm mamage
Global Config
Arm/Disarm
Activation strategy
Add arm by type
Add arm by device
Device
DeviceAlarmInfo
Apply
Import
Export
OK
Cancel

Add arm by type: ☑ Motion Detect ☑ Video Loss ☑ Camera Masking ☑ External Alarm

Device: 24, 213234, 12323, 1533

Video channel	Motion Detect	Video Loss	Camera Masking	External Alarm
CAM	☑	☑	☑	☑ Alarm01
CAM	☑	☑	☑	☑ Alarm02
CAM	☑	☑	☑	☑ Alarm03
CAM	☑	☑	☑	☑ Alarm04
CAM	☑	☑	☑	☑ Alarm05
CAM	☑	☑	☑	☑ Alarm06
CAM	☑	☑	☑	☑ Alarm07
CAM	☑	☑	☑	☑ Alarm08
CAM	☑	☑	☑	☑ Alarm09
CAM	☑	☑	☑	☑ Alarm10
CAM	☑	☑	☑	☑ Alarm11
CAM	☑	☑	☑	☑ Alarm12
CAM	☑	☑	☑	☑ Alarm13
CAM	☑	☑	☑	☑ Alarm14
CAM	☑	☑	☑	☑ Alarm15
CAM	☑	☑	☑	☑ Alarm16
	☑ Select All	☑ Select All	☑ Select All	☑ Select All

☑ Alarm arm enable

Figure 4-49

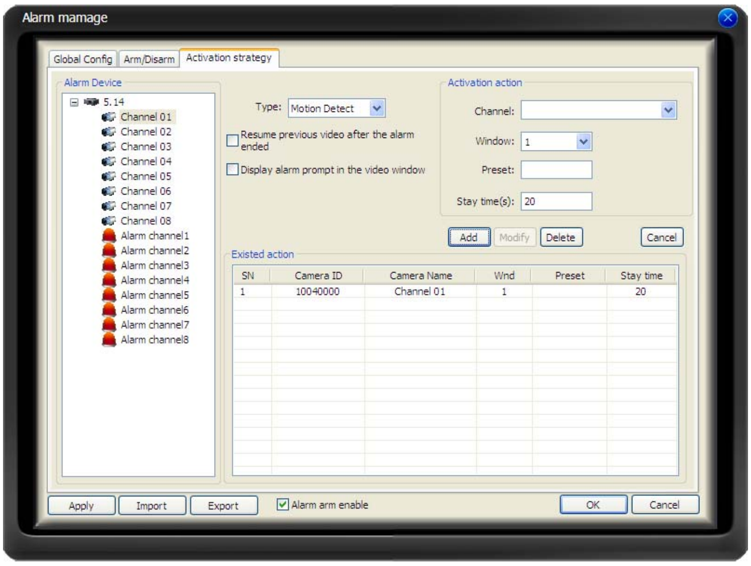
Activation stratagem: When alarm occurs, the activation operation.

In the alarm device list, you can view the alarm sourcing device. You can set several activation operations for one alarm sourcing device.

Resume previous video: The activation alarm can open the video in the specified window. The video stay for the specified time and then restore previous video.

Show alarm information in the video window: The icon pops in current alarm window when alarm occurs.

Preset: If current channel connected to the PTZ, and you have set the preset, then system can go to the specified preset once alarm occurs.


Alarm mamage
Global Config
Arm/Disarm
Activation strategy
Alarm Device
5.14
Channel 01
Channel 02
Channel 03
Channel 04
Channel 05
Channel 06
Channel 07
Channel 08
Alarm channel1
Alarm channel2
Alarm channel3
Alarm channel4
Alarm channel5
Alarm channel6
Alarm channel7
Alarm channel8
Activation action
Add
Modify
Delete
Cancel
Existed action
Apply
Import
Export
OK
Cancel

Type: Motion Detect

☐ Resume previous video after the alarm ended

☐ Display alarm prompt in the video window

Channel:

Window: 1

Preset:

Stay time(s): 20

SN	Camera ID	Camera Name	Wnd	Preset	Stay time
1	10040000	Channel 01	1		20

☑ Alarm arm enable

Figure 4-50

4.13 Alarm Display

The disarm alarm is displayed in the following function zone. See Figure 4-51.

Please go to system configuration to set tour interval.

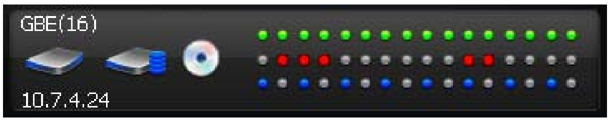
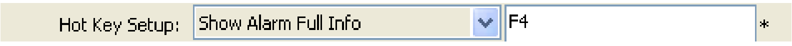

GBE(16)
10.7.4.24

Figure 4-51

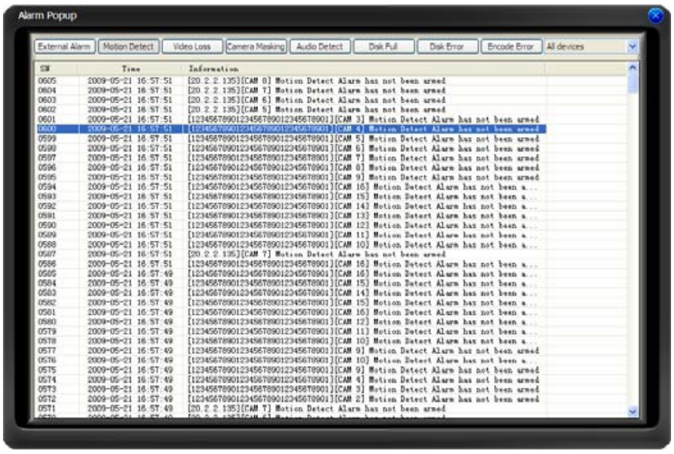
Double click function zone or use hotkey (See Figure 4-52), you can go to alarm message window.



Hot Key Setup: Show Alarm Full Info F4 *

Figure 4-52

Here you can view all alarm messages. You can go to system configuration to set the max alarm record amount. See Figure 4-53.



SN	Time	Information
0605	2009-05-21 16:57:51	[20.2.2.135][CAM 8] Motion Detect Alarm has not been armed
0604	2009-05-21 16:57:51	[20.2.2.135][CAM 7] Motion Detect Alarm has not been armed
0603	2009-05-21 16:57:51	[20.2.2.135][CAM 6] Motion Detect Alarm has not been armed
0602	2009-05-21 16:57:51	[20.2.2.135][CAM 5] Motion Detect Alarm has not been armed
0601	2009-05-21 16:57:51	[1234567890123456789012345678901][CAM 3] Motion Detect Alarm has not been armed
0600	2009-05-21 16:57:51	[1234567890123456789012345678901][CAM 4] Motion Detect Alarm has not been armed
0599	2009-05-21 16:57:51	[1234567890123456789012345678901][CAM 5] Motion Detect Alarm has not been armed
0598	2009-05-21 16:57:51	[1234567890123456789012345678901][CAM 6] Motion Detect Alarm has not been armed
0597	2009-05-21 16:57:51	[1234567890123456789012345678901][CAM 7] Motion Detect Alarm has not been armed
0596	2009-05-21 16:57:51	[1234567890123456789012345678901][CAM 8] Motion Detect Alarm has not been armed
0595	2009-05-21 16:57:51	[1234567890123456789012345678901][CAM 9] Motion Detect Alarm has not been armed
0594	2009-05-21 16:57:51	[1234567890123456789012345678901][CAM 16] Motion Detect Alarm has not been a...
0593	2009-05-21 16:57:51	[1234567890123456789012345678901][CAM 15] Motion Detect Alarm has not been a...
0592	2009-05-21 16:57:51	[1234567890123456789012345678901][CAM 14] Motion Detect Alarm has not been a...
0591	2009-05-21 16:57:51	[1234567890123456789012345678901][CAM 13] Motion Detect Alarm has not been a...
0590	2009-05-21 16:57:51	[1234567890123456789012345678901][CAM 12] Motion Detect Alarm has not been a...
0589	2009-05-21 16:57:51	[1234567890123456789012345678901][CAM 11] Motion Detect Alarm has not been a...
0588	2009-05-21 16:57:51	[1234567890123456789012345678901][CAM 10] Motion Detect Alarm has not been a...
0587	2009-05-21 16:57:51	[20.2.2.135][CAM 7] Motion Detect Alarm has not been armed
0586	2009-05-21 16:57:51	[1234567890123456789012345678901][CAM 16] Motion Detect Alarm has not been a...
0585	2009-05-21 16:57:49	[1234567890123456789012345678901][CAM 16] Motion Detect Alarm has not been a...
0584	2009-05-21 16:57:49	[1234567890123456789012345678901][CAM 15] Motion Detect Alarm has not been a...
0583	2009-05-21 16:57:49	[1234567890123456789012345678901][CAM 14] Motion Detect Alarm has not been a...
0582	2009-05-21 16:57:49	[1234567890123456789012345678901][CAM 15] Motion Detect Alarm has not been a...
0581	2009-05-21 16:57:49	[1234567890123456789012345678901][CAM 16] Motion Detect Alarm has not been a...
0580	2009-05-21 16:57:49	[1234567890123456789012345678901][CAM 12] Motion Detect Alarm has not been a...
0579	2009-05-21 16:57:49	[1234567890123456789012345678901][CAM 11] Motion Detect Alarm has not been a...
0578	2009-05-21 16:57:49	[1234567890123456789012345678901][CAM 10] Motion Detect Alarm has not been a...
0577	2009-05-21 16:57:49	[1234567890123456789012345678901][CAM 9] Motion Detect Alarm has not been armed
0576	2009-05-21 16:57:49	[1234567890123456789012345678901][CAM 10] Motion Detect Alarm has not been a...
0575	2009-05-21 16:57:49	[1234567890123456789012345678901][CAM 9] Motion Detect Alarm has not been armed
0574	2009-05-21 16:57:49	[1234567890123456789012345678901][CAM 4] Motion Detect Alarm has not been armed
0573	2009-05-21 16:57:49	[1234567890123456789012345678901][CAM 3] Motion Detect Alarm has not been armed
0572	2009-05-21 16:57:49	[1234567890123456789012345678901][CAM 2] Motion Detect Alarm has not been armed
0571	2009-05-21 16:57:49	[20.2.2.135][CAM 7] Motion Detect Alarm has not been armed

Figure 4-53

Alarm manage interface is shown as in Figure 4-50. Please go to chapter 3.9 System Configuration to set "alarm record max amount". Once the record is full, system automatically overwrites the previous one.

4.14 Task and Project

There are following ways for you to go to the task and project interface.

From the full menu, the interface is shown as in Figure 4-54.

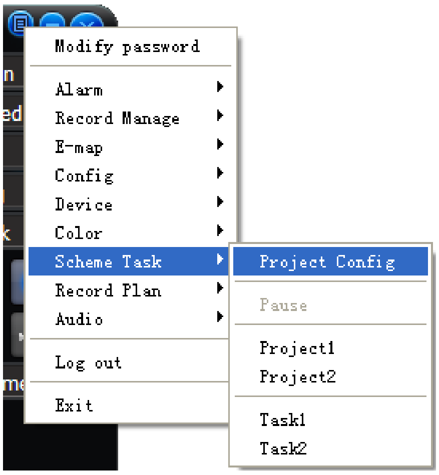


Figure 4-54

From the right tray menu, the interface is shown as in Figure 4-55.

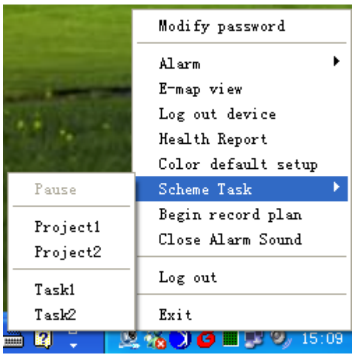

Modify password
Alarm
E-map view
Log out device
Health Report
Color default setup
Scheme Task
Begin record plan
Close Alarm Sound
Log out
Exit
Pause
Project1
Project2
Task1
Task2
15:09

Figure 4-55

From the bottom tool bar configuration button, the interface is shown as in Figure 4-56.

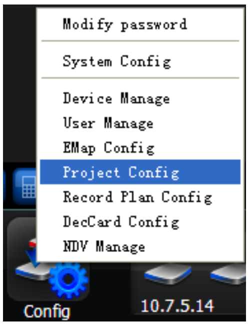

Modify password
System Config
Device Manage
User Manage
EMap Config
Project Config
Record Plan Config
DecCard Config
NDV Manage
Config
10.7.5.14

Figure 4-56

From the right tool bar, the interface is shown as in Figure 4-57.

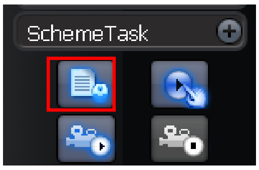

SchemeTask

Figure 4-57

Monitor task is a series operation to open the video. If current camera supports PTZ, then system can go to specified preset.

Monitor project: It consists of several tasks.

Please note, you need to create task first and then create a project.

In the task list column, you can view all configured task names.

In monitor item column, you can view the detailed information of selected task.

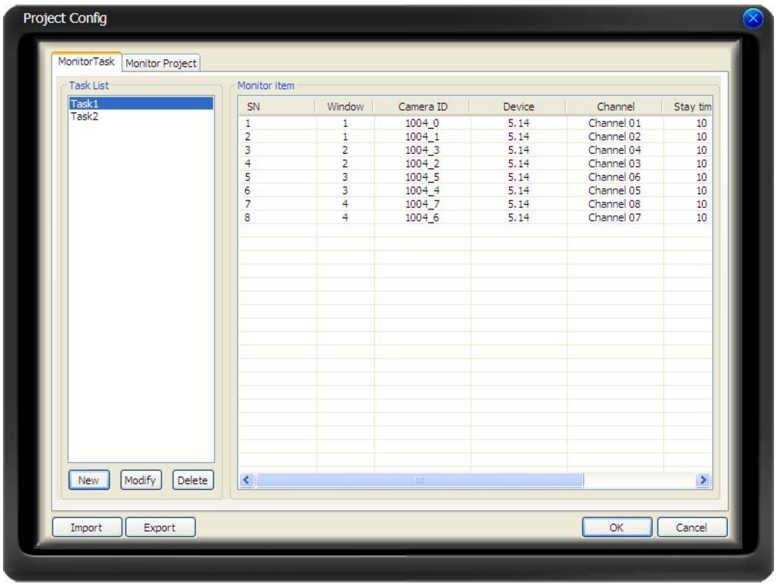
Please note, when system is in modification mode, you can not modify the task name.

Task

Task interface is shown as in Figure 4-58.

Task name: Current task name. You can input a name when you add a new task.

Window amount: When the task is running, system displays window amount


Project Config
MonitorTask
Monitor Project
Task List
Monitor item
New
Modify
Delete
Import
Export
OK
Cancel

Task1
Task2

SN	Window	Camera ID	Device	Channel	Stay tim
1	1	1004_0	5.14	Channel 01	10
2	1	1004_1	5.14	Channel 02	10
3	2	1004_3	5.14	Channel 04	10
4	2	1004_2	5.14	Channel 03	10
5	3	1004_5	5.14	Channel 06	10
6	3	1004_4	5.14	Channel 05	10
7	4	1004_7	5.14	Channel 08	10
8	4	1004_6	5.14	Channel 07	10

Figure 4-58

Task edit interface is shown as in Figure 4-59.

Window: Window serial number. The amount here shall equal or below the specified window amount.

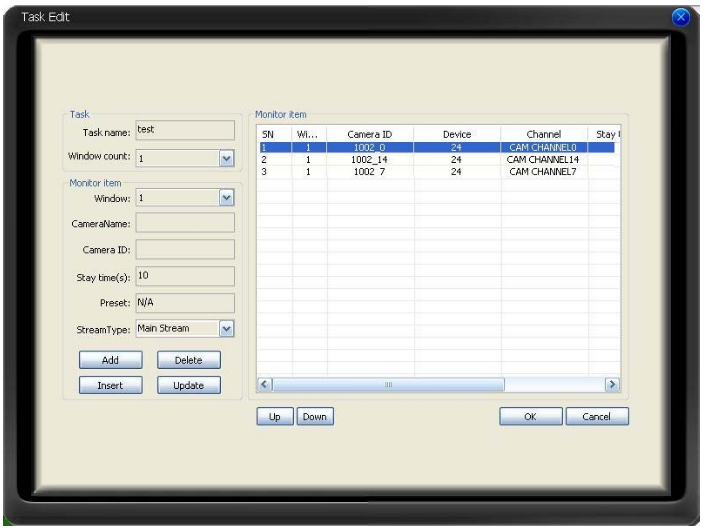
Camera name (can not be modified.). You can drag the channel on the right to the current column.

Stay time(s): You can input stay value here.

Preset: When you open the monitor, system can go to the specified preset. The preset value begins with 0.N/A means there is no preset.

Bit stream type: if device supports extra stream, you can set the bit stream when open the video.

Up and down button is to adjust the monitor task sequence.

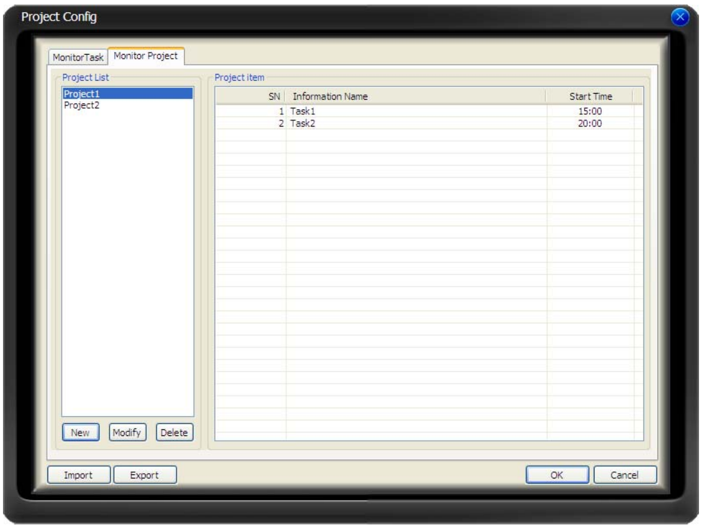

Task Edit
Task
Monitor item
Add
Delete
Insert
Update
Up
Down
OK
Cancel

Task name: test
Window count: 1
Window: 1
CameraName:
Camera ID:
Stay time(s): 10
Preset: N/A
StreamType: Main Stream

SN	Wi...	Camera ID	Device	Channel	Stay t
1	1	1002_0	24	CAM CHANNEL0	
2	1	1002_14	24	CAM CHANNEL14	
3	1	1002 7	24	CAM CHANNEL7	

Figure 4-59

Monitor project interface is shown as in Figure 4-60.
Project list: Here you can view all set project names.
Project item: Here you can view selected task detailed information.
Import: Import the saved project XML file to current list.
Export: Export current project list to specified xml file.

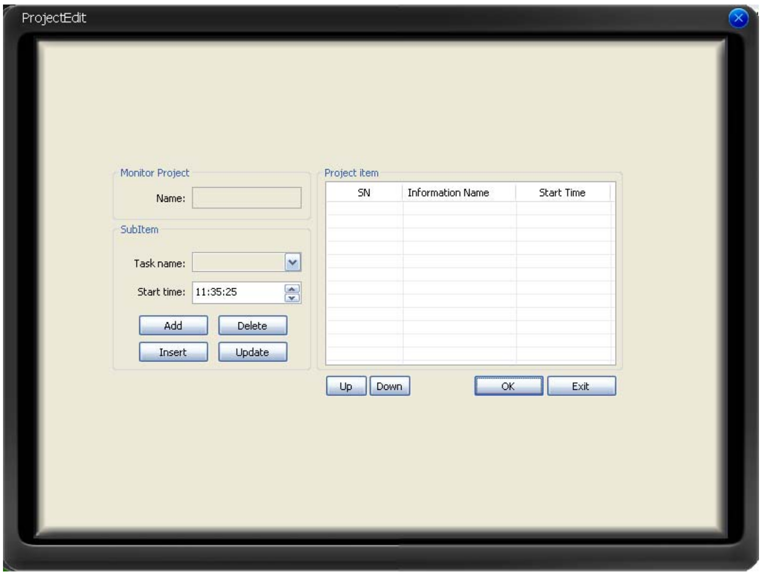

Project Config
MonitorTask
Monitor Project
Project List
Project item
New
Modify
Delete
Import
Export
OK
Cancel

Project1
Project2

SN	Information Name	Start Time
1	Task1	15:00
2	Task2	20:00

Figure 4-60

Click modify button, the interface is shown as in Figure 4-61.
Please note, in modification mode, you can not modify project name.
Monitor project name: Current project name (you can modify project name when adding a new project.)
Task name: Please select the task to be run.
Start time: Please select the task start time.
Up and down button is to adjust the monitor task serial.
Please click save button to exit.


ProjectEdit
Monitor Project
Name:
SubItem
Task name:
Add
Delete
Insert
Update
Project item
SN
Information Name
Start Time
Up
Down
OK
Exit

Start time: 11:35:25

Figure 4-61

4.15 Record Plan Config

There are following ways for you to go to the record manage interface.

From the bottom tool bar configuration button, the interface is shown as in Figure 4-62.

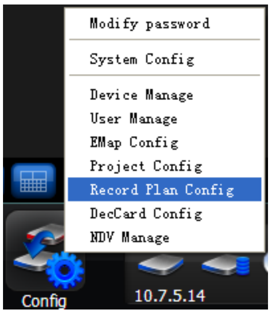

Modify password
System Config
Device Manage
User Manage
EMap Config
Project Config
Record Plan Config
DecCard Config
NDV Manage
Config
10.7.5.14

Figure 4-62

From the full menu, the interface is shown as in Figure 4-63.

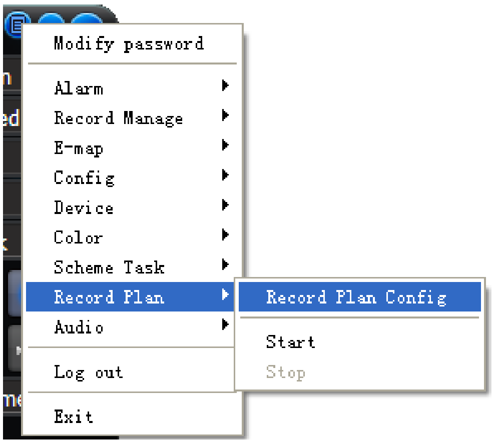

Modify password
Alarm
Record Manage
E-map
Config
Device
Color
Scheme Task
Record Plan
Audio
Log out
Exit
Record Plan Config
Start
Stop

Figure 4-63

The record manage interface is shown as below. See Figure 4-64.

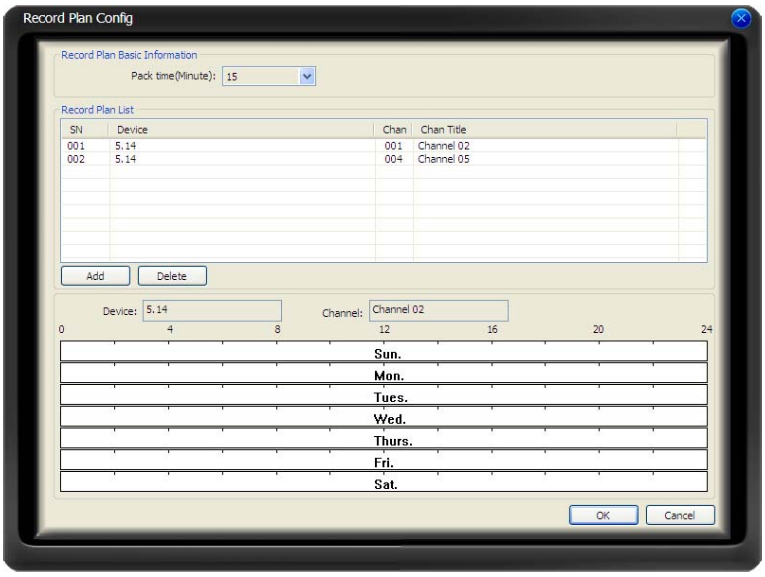
Pack duration (m): System can generate a recorded file when record plan is running.

Record plan list: The record schedule in the record plan.

In the below, you can view the valid record period of current camera.

Double click time bar or the list column, you can modify schedule period for current camera.

Please note, if you want to modify the plan, you can not modify the device information and channel information


Record Plan Config
Record Plan Basic Information
Record Plan List
Add
Delete
0
4
8
12
16
20
24
Sun.
Mon.
Tues.
Wed.
Thurs.
Fri.
Sat.
OK
Cancel

Pack time(Minute): 15

SN	Device	Chan	Chan Title
001	5.14	001	Channel 02
002	5.14	004	Channel 05

Device: 5.14

Channel: Channel 02

Figure 4-64

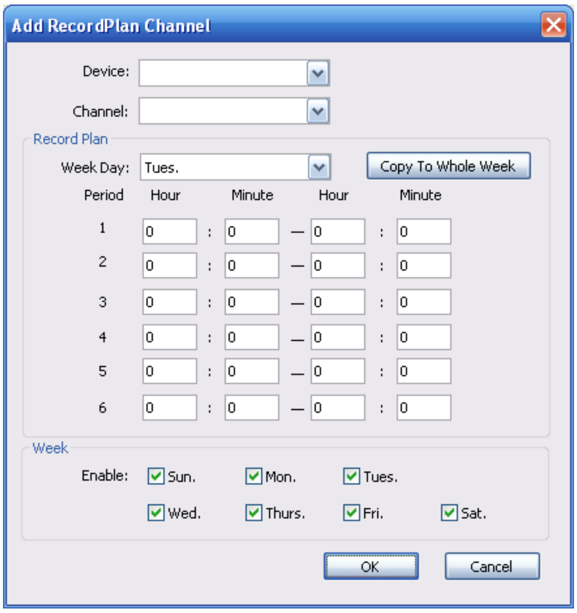
Click add button, the interface is shown as in Figure 4-65.

Device: You can select from the dropdown list.

Channel: You can select from the dropdown list. Please draw a circle to enable current setup.

Week: select the week.

System supports max 6 periods in one day (00.00.00 to 24.00.00)


Add RecordPlan Channel
Device:
Channel:
Record Plan
Copy To Whole Week
Week
OK
Cancel

Week Day: Tues.

Period	Hour	Minute	Hour	Minute
1	0	0	0	0
2	0	0	0	0
3	0	0	0	0
4	0	0	0	0
5	0	0	0	0
6	0	0	0	0

Enable: ☑ Sun. ☑ Mon. ☑ Tues. ☑ Wed. ☑ Thurs. ☑ Fri. ☑ Sat.

Figure 4-65

4.16 Start Project/Plan (Scheme/task)

After you complete task and project setup and record setup, you need to enable them. There are following ways for you to go to the start record/task/project interface.

4.16.1 Go to record plan interface

From the full menu, the interface is shown as in Figure 4-66.

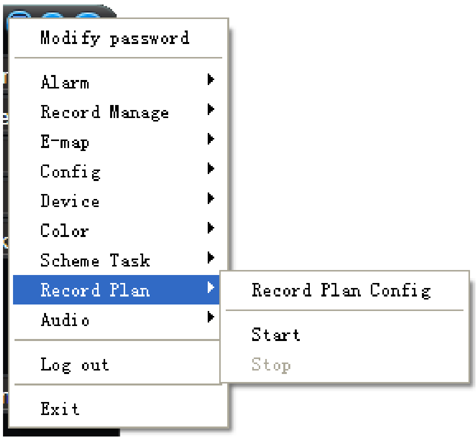

Modify password
Alarm
Record Manage
E-map
Config
Device
Color
Scheme Task
Record Plan
Audio
Log out
Exit
Record Plan Config
Start
Stop

Figure 4-66

From the right tray menu, the interface is shown as in Figure 4-67.

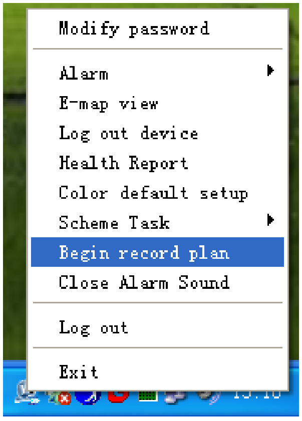

Modify password
Alarm
E-map view
Log out device
Health Report
Color default setup
Scheme Task
Begin record plan
Close Alarm Sound
Log out
Exit

Figure 4-67

From the right tool bar, the interface is shown as in Figure 4-68.

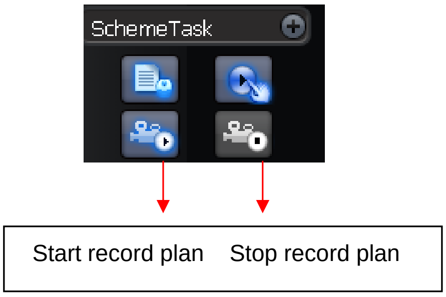

SchemeTask
Start record plan
Stop record plan

Figure 4-68

4.16.2 Go to project interface

There are following ways for you to go to project interface.

From the full menu, the interface is shown as in Figure 4-69.

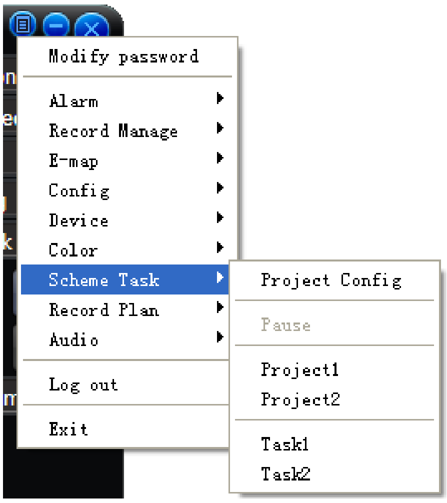

Modify password
Alarm
Record Manage
E-map
Config
Device
Color
Scheme Task
Record Plan
Audio
Log out
Exit
Project Config
Pause
Project1
Project2
Task1
Task2

Figure 4-69

From the right tray menu, the interface is shown as in Figure 4-70.

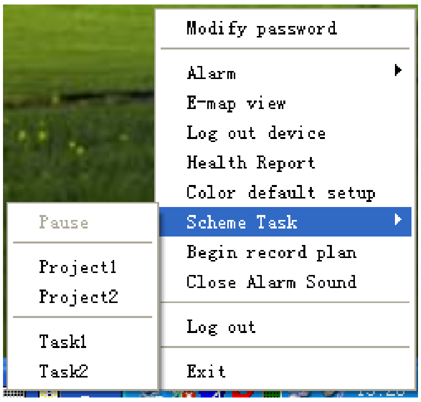

Modify password
Alarm
E-map view
Log out device
Health Report
Color default setup
Scheme Task
Begin record plan
Close Alarm Sound
Log out
Exit
Pause
Project1
Project2
Task1
Task2

Figure 4-70

From the right tool bar, the interface is shown as in Figure 4-71.

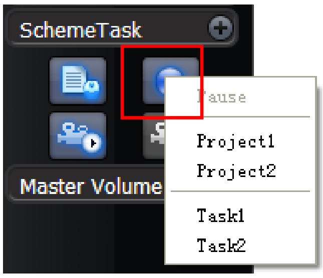

SchemeTask
Pause
Project1
Project2
Task1
Task2
Master Volume

Figure 4-71

You can click the project or plan name to enable it.

You can click pause button to pause current plan or project.

4.17 User Manage (For administrator only)

Please note, current function applies to the administrator only.

There are two ways for you go to the user manager interface.

From the bottom tool bar configuration button, the interface is shown as in Figure 4-72.

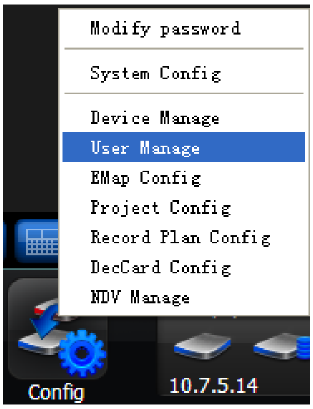

Modify password
System Config
Device Manage
User Manage
EMap Config
Project Config
Record Plan Config
DecCard Config
NDV Manage
Config
10.7.5.14

Figure 4-72

From the full menu, the interface is shown as in Figure 4-73.

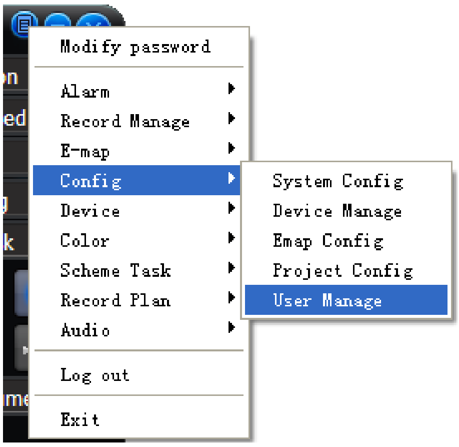

Modify password
Alarm
Record Manage
E-map
Config
Device
Color
Scheme Task
Record Plan
Audio
Log out
Exit
System Config
Device Manage
Emap Config
Project Config
User Manage

Figure 4-73

User manage interface is shown as below. See Figure 4-74.

ID: The account name you log in the PSS.

Password: The password you input to log in.

Confirm password: Please input password again to verify.

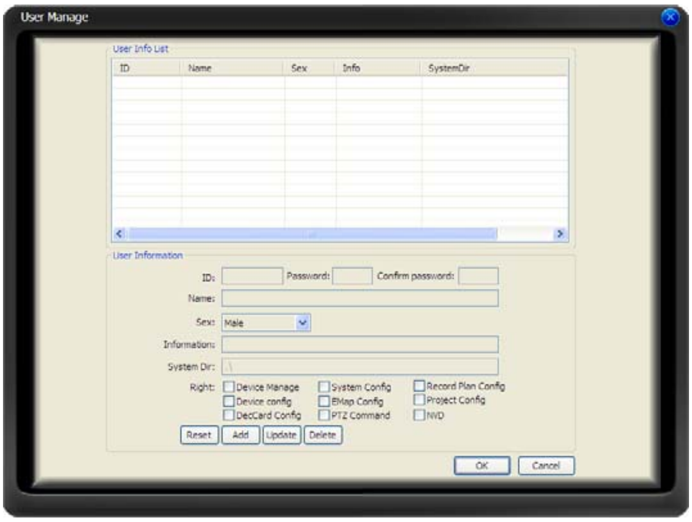
Name: User name information or other.

Sex: female or male.

Information User note information.

System path: Here you can specify use configuration save path.

User information list Here you can view all user information.

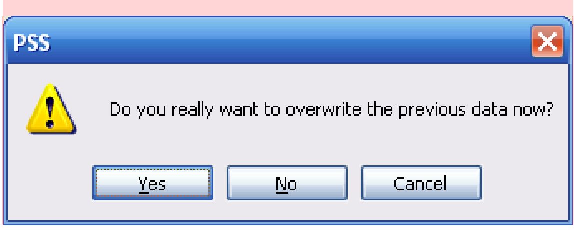

User Manage
User Info List
ID
Name
Sex
Info
SystemDir
User Information
ID:
Password:
Confirm password:
Name:
Sex:
Information:
System Dir:
Right:
Device Manage
Device config
DecCard Config
System Config
EMap Config
PTZ Command
Record Plan Config
Project Config
NVD
Reset
Add
Update
Delete
OK
Cancel

Sex: Male

System Dir: .\

Figure 4-74

Click OK button, system pops up the following dialogue box, please click yes button to save current information. See Figure 4-75.


PSS
Yes
No
Cancel

Do you really want to overwrite the previous data now?

批注 [A8]: 确定按钮提示需要更换

Figure 4-75

4.18 User Logout

There are two ways for you to go to the logout item.

From the full menu, the interface is shown as in Figure 4-76.

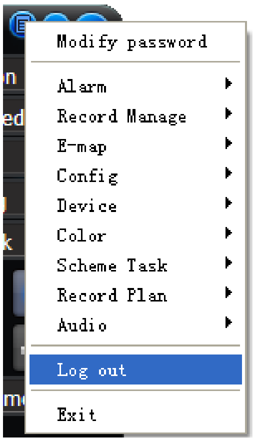

Modify password
Alarm
Record Manage
E-map
Config
Device
Color
Scheme Task
Record Plan
Audio
Log out
Exit

Figure 4-76

From the right tray menu, the interface is shown as in Figure 4-77.

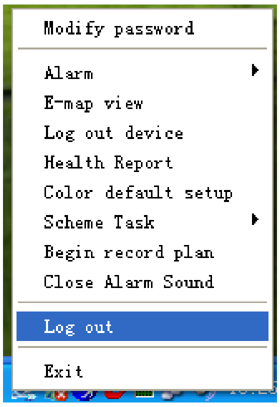

Modify password
Alarm
E-map view
Log out device
Health Report
Color default setup
Scheme Task
Begin record plan
Close Alarm Sound
Log out
Exit

Figure 4-77

Click log out button, system goes back to the log in interface; you need to input user name and password to log in. See Figure 4-78.

Please note, different user has different project information, hotkey setup and right information.

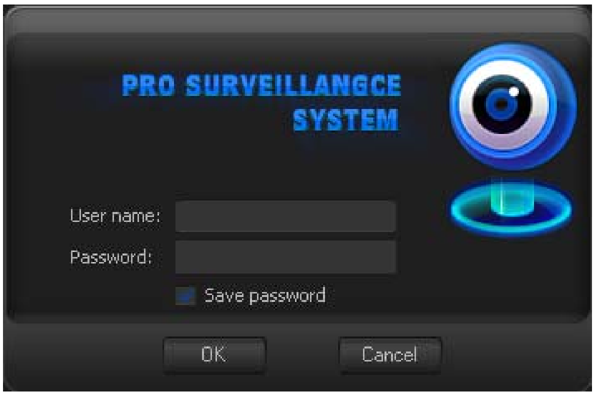

PRO SURVEILLANGCE
SYSTEM
User name:
Password:
☐ Save password
OK
Cancel

Figure 4-78

5 Peripheral Device Connection

5.1 Decode Card

The decode card is our Dahua series product. The decode card can greatly reduce CPU resources.

Before setup, please makes sure you have installed Dahua encode card, and you have enabled the "loading decode card when PSS booted up" in the configuration interface. See chapter 3.9.

The decode card manage interface is shown as in Figure 5-2.

Window SN:: The video displayed window serial number.

Displayed SN: It is a decode card TV output serial number. Please note the binding output is not in the dropdown list.

Binding: Binding decode card TV output serial number and PC video displayed window.

Zone mode: Display window split mode. (The drop down list may vary according to the different decode card series.) See Figure 5-1.

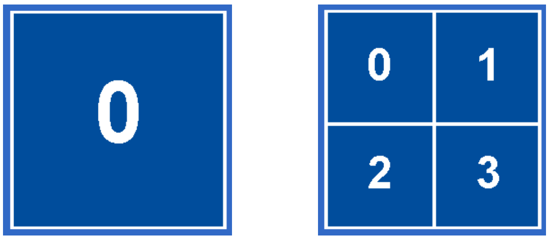
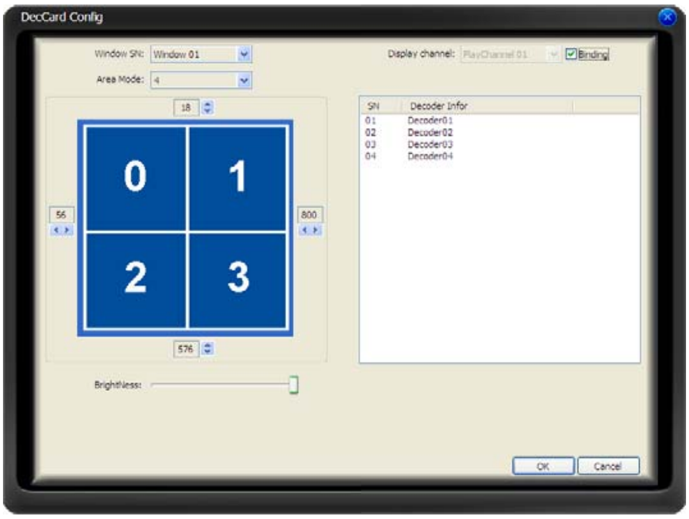


Figure 5-1

When decode card is output, sometimes the image may offset. Please adjust the left and right limit to locate it in the middle. The pan value ranges from 0 to 800 and the tile value ranges from 0 to 600. Please note the limit setup and the brightness setup becomes active immediately

Decode card information list: Here you can view all decode card available.



Window SN: Window 01

Area Mode: 4

Display channel: PlayChannel 01 ☑ Binding

18

56

800

576

Brightness:

SN	Decoder Infor
01	Decoder01
02	Decoder02
03	Decoder03
04	Decoder04

Figure 5-2

Note:

批注 [A9]: 增加说明，绑定关系修改后需要重新启动程序才能启用

5.2 NVD

5.2.1 Menu

NVD is network video decoder. It is our Dahua series product. It can connect to the video sourcing device. It has TV output and TV video split.

You can go to the NVD manage interface from the bottom tool bar configuration button. See Figure 5-3.

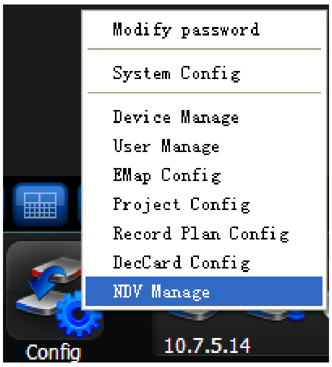
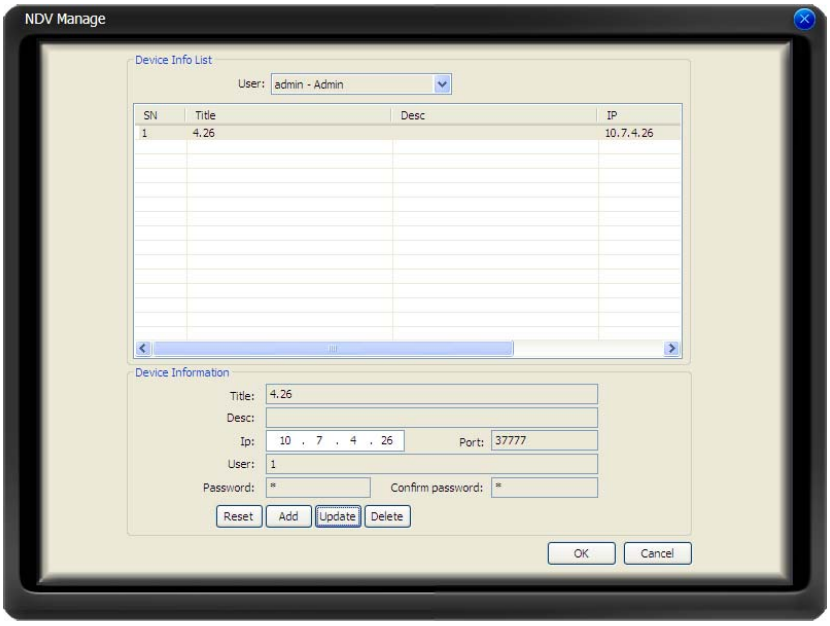

Modify password
System Config
Device Manage
User Manage
EMap Config
Project Config
Record Plan Config
DecCard Config
NDV Manage
Config
10.7.5.14

Figure 5-3

NVD is a network device, you need to add NVD device first and then use it.

The interface is shown as in Figure 5-4.


NDV Manage
Device Info List
Device Information
Reset
Add
Update
Delete
OK
Cancel

User: admin - Admin

SN	Title	Desc	IP
1	4.26		10.7.4.26

Title: 4.26

Desc:

Ip: 10 . 7 . 4 . 26 Port: 37777

User: 1

Password: * Confirm password: *

Figure 5-4

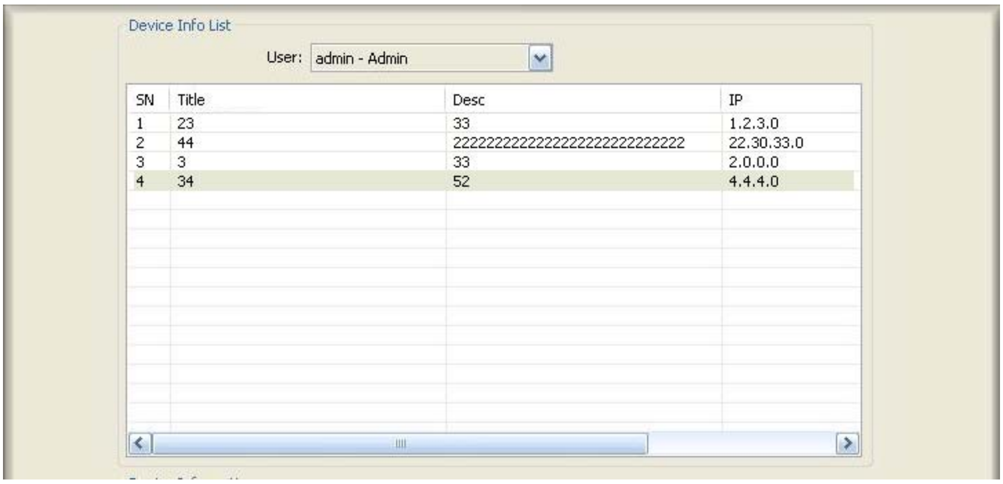
The interface (See Figure 5-4) has two sections: device information list and device information.

5.2.2 Device Information List

Device information list: Here you can view all added NVD information. (Newly added NVD need to click save button) See Figure 5-5.

User dropdown list: Here you can view current logged in user. (System display may vary due to different users.)

Super administrator: If you are admin, you can view all users.



Device Info List

User: admin - Admin

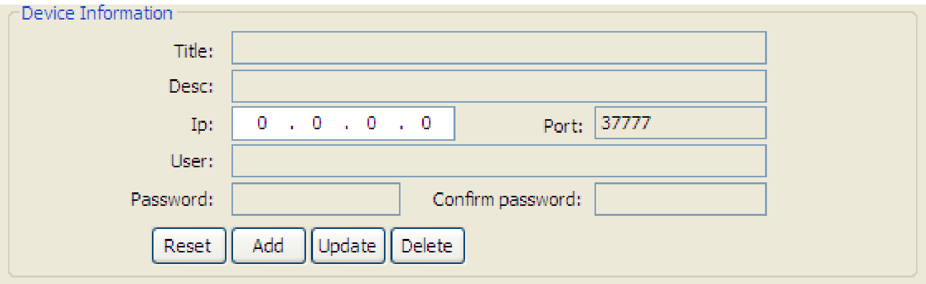
SN	Title	Desc	IP
1	23	33	1.2.3.0
2	44	2222222222222222222222222222	22.30.33.0
3	3	33	2.0.0.0
4	34	52	4.4.4.0

Figure 5-5

5.2.3 Device Information

Device information list: Here you can view the all the devices you can manage. See Figure 5-6.

Device information: if you select a device in the list, you can view the corresponding device information. You can modify it. After you complete setup, please click save button to save current modification to the xml file of the user path.



Device Information

Title:

Desc:

Ip: 0 . 0 . 0 . 0 Port: 37777

User:

Password: Confirm password:

Figure 5-6

Please note user name, password, confirm password here is necessary information to log in the NVD. PSS does not need it.

5.2.4 NVD Control

You can log in the NVD from the bottom tool bar. See Figure 5-7.

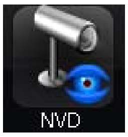


Figure 5-7

Please read the following principles so that you can understand how the PSS control the NVD.

- PSS log in NVD and then control NVD.
- PSS transfer the device information and channel information to the NVD and then NVD can log in the other devices to enable video.
- PSS control NVD to enable video and split video
- NVD can output the video data after split. (The data here can be the input video of the other device.)
- NVD has four video outputs and each vide output can integrate video from four channels to a four-channel video window.
- Please note you need to log in the NVD if you want to use it.

NVD operation consists of three sections: operation, search and tour. All the operations become active when NVD is running normally.

Remotely control the NVD to open the video and then switch the split mode. The operation is the same as the general video zone. But the video window only displays current connected device IP and channel serial number, the NVD video is not in the window. See Figure 5-8.

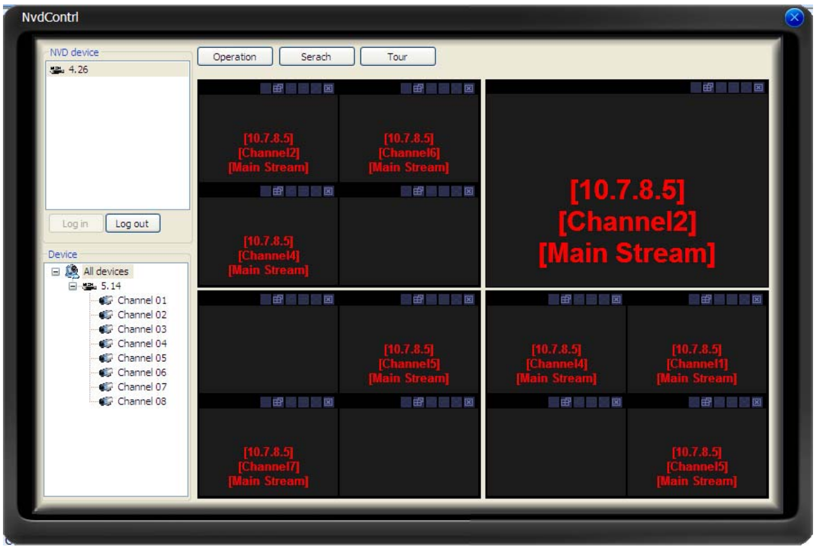
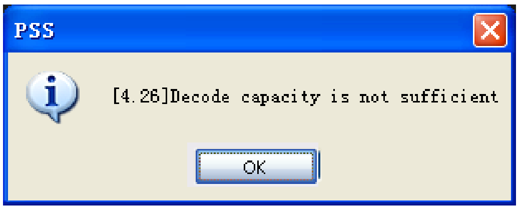

NvdContrl
NVD device
4.26
Log in
Log out
Device
All devices
5.14
Channel 01
Channel 02
Channel 03
Channel 04
Channel 05
Channel 06
Channel 07
Channel 08
Operation
Serach
Tour
[10.7.8.5] [Channel2] [Main Stream]
[10.7.8.5] [Channel6] [Main Stream]
[10.7.8.5] [Channel4] [Main Stream]
[10.7.8.5] [Channel2] [Main Stream]
[10.7.8.5] [Channel5] [Main Stream]
[10.7.8.5] [Channel4] [Main Stream]
[10.7.8.5] [Channel1] [Main Stream]
[10.7.8.5] [Channel7] [Main Stream]
[10.7.8.5] [Channel5] [Main Stream]

Figure 5-8

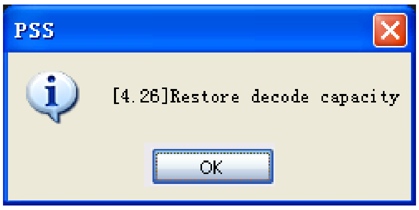
If you see the following dialogue box, you can see the NVD does not support the decoded bit stream of current video channel.



[4.26]Decode capacity is not sufficient

Figure 5-9

Please close the video channel, until you see the following dialogue box. See Figure 5-10.



PSS

[4.26]Restore decode capacity

Figure 5-10

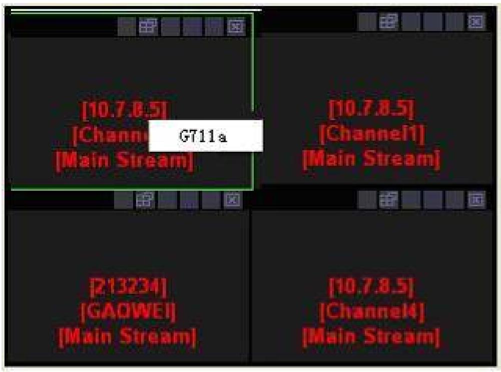
5.2.5 Audio talk

This function is for G6 special series only.

The audio talk is the audio transmission between the video sourcing device and NVD.

In the NVD interface, right click mouse to open the channel window. System pops up the audio encoded mode system supported, you can select to enable audio talk mode. See Figure 5-11. Please note if the video sourcing device and NVD has no common audio encode mode, then the audio talk function can not be enabled.

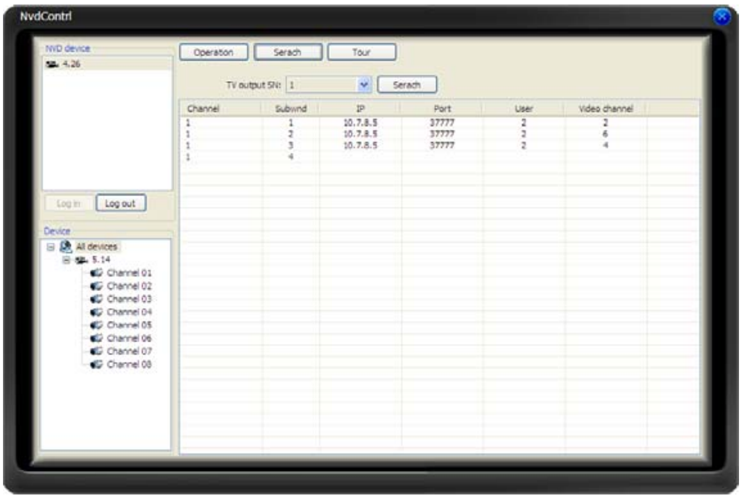
Note: One device support one audio function only.



[10.7.8.5]
[Chann
[Main Stream]
G711a
[10.7.8.5]
[Channel1]
[Main Stream]
[213234]
[GAOWEI]
[Main Stream]
[10.7.8.5]
[Channel4]
[Main Stream]

Figure 5-11

Search: You can click search button to view NVD window split mode and each video sourcing information. Channel and sub-window are NVD information. IP, port, user and video channel are video sourcing information. See Figure 5-12.


NvdContrl
NVD device
4.26
Log in
Log out
Device
All devices
5.14
Channel 01
Channel 02
Channel 03
Channel 04
Channel 05
Channel 06
Channel 07
Channel 08
Operation
Serach
Tour
Serach

TV output SN: 1

Channel	Subwnd	IP	Port	User	Video channel
1	1	10.7.8.5	37777	2	2
1	2	10.7.8.5	37777	2	6
1	3	10.7.8.5	37777	2	4
1	4				

Figure 5-12

Tour: Remotely control NVD to distribute the video souring to realize remote tour function (TV output).

Video mode: Now system supports 1/4 window split. Double click one video window, you can switch video display mode, it can display in the NVD output device immediately. See Figure 5-13.

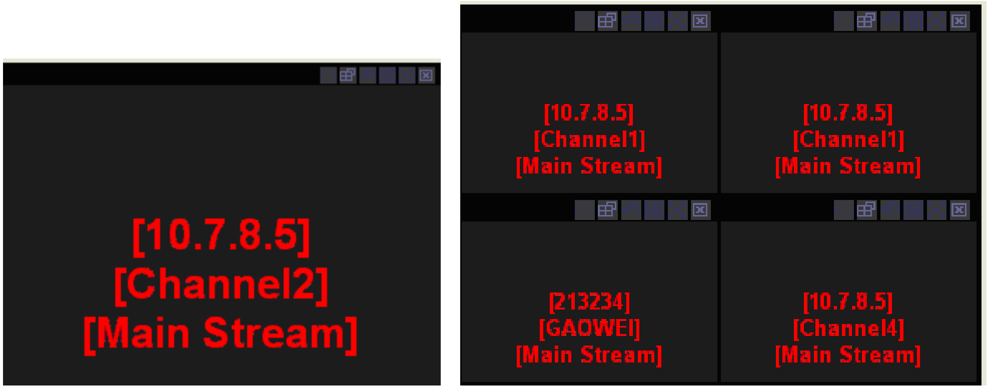

[10.7.8.5]
[Channel2]
[Main Stream]
[10.7.8.5]
[Channel1]
[Main Stream]
[10.7.8.5]
[Channel1]
[Main Stream]
[213234]
[GAOWEI]
[Main Stream]
[10.7.8.5]
[Channel4]
[Main Stream]

Figure 5-13

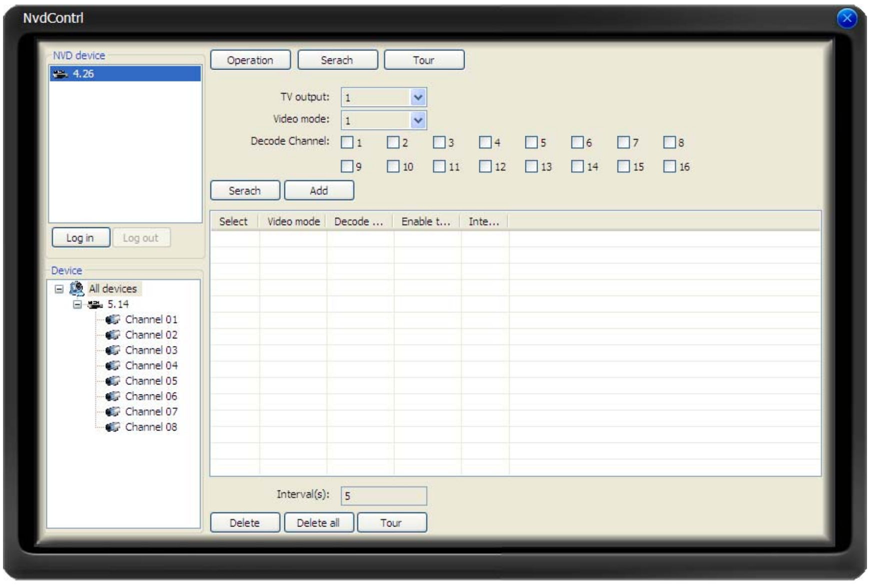
Select channel: for 1-window split, there is only one channel. And for four-window split, there are four channels available.

Add: You can add new tour setup to the NVD tour plan. See Figure 5-14.

Remove/remove all: You can delete the NVD tour plan.

Tour: Click this button to enable NVD tour.

Please note, the add/delete operation only becomes valid when the NVD connection is OK.


NvdContrl
NVD device
4.26
Log in
Log out
Device
All devices
5.14
Channel 01
Channel 02
Channel 03
Channel 04
Channel 05
Channel 06
Channel 07
Channel 08
Operation
Serach
Tour
Decode Channel:
☐ 1 ☐ 2 ☐ 3 ☐ 4 ☐ 5 ☐ 6 ☐ 7 ☐ 8
☐ 9 ☐ 10 ☐ 11 ☐ 12 ☐ 13 ☐ 14 ☐ 15 ☐ 16
Serach
Add
Select
Video mode
Decode ...
Enable t...
Inte...
Delete
Delete all
Tour

TV output: 1

Video mode: 1

Interval(s): 5

Figure 5-14

Note:

Slight difference may be found in the user interface.

All the designs and software here are subject to change without prior written notice.

Please visit our website for more information.