Smart Professional Surveillance System User's Manual

Version 1.10.0

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Welcome

Thank you for using our Smart Professional Surveillance System (Smart 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 Smart PSS.

1 Overview and Environment

1.1 Overview

Smart PSS is an abbreviation for Smart Professional Surveillance System.

The software is to manage small quantity security surveillance devices. It releases with the device and does not support the products from other manufacturers. It has the following features:

- View real-time video of several camera channels.
- View the playback video files from various cameras.
- Support multiple scheduled arms to realize auto PC guard.
- Support e-map; you can clearly view and manage all device locations.
- TV wall plan setup and can output TV wall video at the same time.
- Support extension applications, can send out alarm information to external programs.

1.2 Performance

- System max supports 36-channel at CIF resolution.
- Each stream media server max receives 16-channel video and transfers 128-chanel video.
- Each storage server max supports to save 16-channel video (no bit stream limit).

1.3 Environments

Item	Requirements
OS	Windows XP/Windows 7/ Windows 8/Windows Mac (Smart PSS Mac version).
CPU	2.4GHz or higher.
Display card	Independent car and support directX 8.0c or higher.
Memory	1GB or higher.
Displayer Resolution	1024×768 or higher.

2 Installation and Upgrade

2.1 Installation

1) Double click "General_Smart-PSS_Eng_IS_VX.XX.X.exe" to begin installation. See Figure 2-1.

(2)	Please select a language.
	English
	OK Cancel



2) Select installation language from the dropdown list and then click OK button to go to Welcome interface. See Figure 2-2.

Smart PSS Professional Surveillance System
Welcome to use SmartPSS Operator Installation
Whale New User Experience Design
New APP application framework, what you see is what you get, what you need is what you can use. Group management mode based on the channel, suitable for your operation habits. Flexible and free real-time preview. GUI featuring simplicity, but not simple playback function.
Strong functions
IVS: People counting, behavior analysis, facial recognition, fully entering the intelligent time. PC-NVR: Add PC storage and transmission function, effectively use bandwidth. TV wall: Easily manage TV wall plans, display video on the wall simultaneously. E-map: Positioning at any time, and realize deployment management conveniently.
Fully support devices
Embedded DVR, NVR, network camera, decoder, NVR 6000 and etc.
Next Cancel

Figure 2-2

3) Click next button, you can see an interface is shown as in Figure 2-3. Here you can view End User License Agreement.

	sional Surveillance System				
END-USE	R LICENSE AGREEMENT ("	'EULA")			
1. Pref:					
		eement carefully before inst:	alling the Software.		
		"EVLA" or "Agreement") is an		You" or "User"), and the	
		er ("Provider") of approved :			
	-	s to be bound by the terms of E. Please immediately stop in			
		L. Flease immediately stop if that you have installed or st		nerwise using the Software,	prus
		·			
2. Defin:		a a			
	-	Software" means information ing files of all or part of :			
	· · ·	record, music, text, code; j			
		r hardcopies or electronic v			
		nt to the Software of intere: means any individual or ind:	-		
	-	on that has obtained license			
-	· · · ·	ement "probationary period"			ation
which all	lows Users to evaluate the	e Software within its entity.			
C Refuse	e 💿 Accept				
					_
			(Back) (Next)	(Can

Figure 2-3

4) Please check the Accept item and then click Next button to continue. System pops up module installation dialogue box. See Figure 2-4.

Smart PS Professional Surveillan			_
	Please select the functions you to install. Click [Next] to continu	want to install. Delete the modules you do not want ue. Description SmartPSS is management software to manage the embedded network surveillance devices. It is suitable for devices such as embedded DVR, NVR, network camera, decoder, NVR6000. It supports real-time preview, remote playback and download, TV wall, E-map, alarm message receive and activation, remote device parameter setup and etc.	
	Need Space(unit as MB): 558	Back	Next Cancel

Figure 2-4

5) Check Smart PSS item and then click Next button, you can see there is an interface asking you to specify installation path. See Figure 2-5.

Smart PSS Professional Surveillance System	
Click Install to continue. Click [Browse] to install in different folders.	
Destination Folder C:\Program Files\Smart Professional Surveillance System\	Erowse
The free space of C is 1117MB	The free space of E is 572MB
The free space of D is 732MB	The free space of F is 2824MB
	Back Install Cancel

Figure 2-5

6) After you select installation path click Next button, system begins installation. The interface is shown as in Figure 2-6.

(Smart PSS Professional Surveillance System	
	Wholly new, flexible realtime preview with abundant functions	
	Multiple customized window layouts suitable for more surveillance environments operation with view interfaces and groups	
		-
	Back Next	Cancel

Figure 2-6

7) During the installation process, you can click Cancel button to exit. After installation, you can see an interface is shown as below. See Figure 2-7.

Smart PSS Professional Surveillance System	
Install Success	
C Run SmartPSS	
	Finish

Figure 2-7

8) Click Finish button, you can complete the installation.

2.2 Un-installation

1) From Start -> All programs->Smart PSS, select Uninstall Smart PSS item. System pops up the following dialogue box. See Figure 2-8.

Smart PS Professional Surveillance			
	Uninstall SmartPSS		
	It will uninstall,Ifcurrent applications are running now! Please close it before you uninstall! Otherwise, click Uninstall directly!		
		Next(<u>N</u>)	Cancel(<u>C</u>)

Figure 2-8

- 2) Click Next button, you can see an interface shown as in Figure 2-9.
- Check the box here to remove Smart PSS. You can check the box to remove PC-NVR too. Click Uninstall button to remove.

Smart PSS Professional Surveillance System		
	Please choose the components that you want to uninstall,Delete the modules you do not want to install.Click [Uninstall] to continue.	
	I SmartPSS	
		Uninstall Cancel

Figure 2-9

3 Setting



Double click Smart PSS icon^{5 SmartPS5}, you can go to the login interface.

3.1 Login Interface

Login 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 then enter the software main interface.
- Cancel: Click this button to exit login interface.

Note:

- If it is your first time to run the Smart PSS program, default user name is **admin** and its password is **admin** too. 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.
- You can memory your password, so that when you can log in the next time, you do not need to input user name and password. Please note this function is for your convenient only. **Do not** enable this function in public PC.

Smart PSS Professional Surveillance System
User Name:
Password:
Remember Password
Login Exit

Figure 3-1

3.2 Main Interface

Click Login button, system begins verifying user name and password and then go to the main interface. See Figure 3-2.

1	-	Smart PSS Professional Surveillance System	Home Page	+ Add		_	_	_	.≜ ? -	• ×	
2	-	BASIC PREVIEW	PLAVBACK	ALARM	LOG			2 User Name User Type:			—5
3	_	EXTENSION	E-MAP	DISPLAY							
4	_	SETTINGS	SIGNAL	ALARM	TOUR & TASK	PCNVR	TV WALL	Account	GENERAL		

Figure 3-2

Please refer to the following sheet for detailed information.

SN	Parameter	Function
1	Menu	Here you can view main page icons and current open function icon. Click add button to add a function icon on the top pane.
2	Basic	It includes preview, playback, alarm manager, and log.
3	Extension	It includes TV wall, e-map, and display.
4	Settings	It includes devices manager, signals manager, alarm setup, tour and task, PC-NVR, TV wall management, account, general setup and etc.
5	Smart PSS basic information	It is to display current time, user information, login time.

3.3 General

If it is your first time to login the Smart PSS, you need to set system parameter. It includes network performance, log save time, login Smart PSS or not, picture and record saved path. Please follow the steps listed below.



button; you can go to the general interface. See Figure 3-3.

3.3.1 Basic

It is to set capability, language, time and etc.

Smart PSS Professional Surveillance System	Home Page GENERAL Add
🏶 Basic	Set Smart PSS basic parameters such as log saved time, instant playback time, network capaibility and etc. Please note th
File File	
🖄 Alarm Prompt	Log Saved Time 30Days 💌
Version	Network Capability 100M
	Resume Preview State
	✓ Auto login Smart PSS
	Auto login Windows
	User Name 10881
	Password
	Language English 💌 (Activated after restart)
	Sync Time 08:00:00 Sync Now
	Time Format 24-Hour 💌 (Activated after restart)
	Default Save

Figure 3-3

Please refer to the following sheet for detailed information.

Item	Function
Log Saved Time	Here you can set log save time. System automatically overwrites old files once it reaches the period you set here.
Instant Play Time	It is to set instant playback time.
Network capability	It is for you to set network function. It includes: "Low", "10M",'100M',"1000M".
Resume Previous State	System restores previous preview status after it restarts.
Auto Login Smart PSS	Check the box here, you can login SmartPSS directly without inputting user name and password.
Auto Login Windows	Check the box here and then input user name and password, you can go to the Windows OS after the computer restarts.
Language	Software language.
Sync time	Check the box here to enable time synchronization function and then input synchronization time. Smart PSS can auto synchronize time with the PC at the time you specified.
	Click Sync now button to begin synchronization now.
Time format	System time format. It includes 12H/24H.

3.3.2 File Path

File configuration interface is shown as below. See Figure 3-4.

Here you can set snapshot picture and record file default save path.

Configuration file path: It is to import or export configuration file. If you change path to D disk, you can export current software user information to D disk. If current software has installed at the D disk, you can import user information to current software.

Smart PSS	🔂 😽	•	≛ ≞ ? – ⊡ ×
Professional Surveillance System	Home Page GENER	AL Add	
🏶 Basic			
	Set Smart PSS file par	h (such as snapshot, record, user configuration and etc.)	
Tile			
🖄 Alarm Prompt	Snapshot Path	C:/Program Files/Smart Professional Surveillance System/SmartPSS/Capture	Browse
Version	Record Path	C:/Program Files/Smart Professional Surveillance System/SmartPSS/Record	Browse
	Config Path	C:/Program Files/Smart Professional Surveillance System/SmartPSS	Browse
		System needs to restart if there is configuration file in the specified directory.	
			Default Save

Figure 3-4

3.3.3 Alarm Prompt

It is to set alarm prompt audio. The interface is shown as below. See Figure 3-5.

Please select corresponding prompt audio for the specified alarm type.

Check the box at the bottom of the interface to enable e-map function. The e-map can flash when the corresponding alarm occurs.

Smart PSS Professional Surveillance System	Home Page GE	NERAL Add				*	≞ ?	- 0
🏟 Basic								
File	Set Smart PSS glo	bal alarm audio and tri	gger e-map alarm flash function o	or not.				
🛆 Alarm Prompt		👽 Open Audio	Loop					
Version	Camera Maski	ng ional Surveillanc	e System/SmartPSS/sound/en/vid	leo shelter.wav	Browse	\mathbf{O}		
	Motion Dete		e System/SmartPSS/sound/en/mot		Browse	\mathbf{O}		
	Video Lo	ss essional Surveilla	nce System/SmartPSS/sound/en/	video lost.wav	Browse	\mathbf{O}		
	Disk Fu	III ofessional Surveil	lance System/SmartPSS/sound/er	n/disk full.wav	Browse	\mathbf{O}		
	Disk Err	or essional Surveille	ance System/SmartPSS/sound/en/	/disk fault.wav	Browse	\mathbf{O}		
	Extern	al nal Surveillance	System/SmartPSS/sound/en/exter	nal alarm.wav	Browse	\mathbf{O}		
		💟 E-map flashes	when an alarm occurs					
					Defa	ult	Sav	e

Figure 3-5

Tips

You can click Default button to restore factory default setup.

3.3.4 Version

Click the version button; you can go to the following interface. See Figure 3-6. Here you can view software version information.

Smart PSS Professional Surveillance System	Home Page GENERAL Add
🏶 Basic	
Pile File	Smart PSS Professional Surveillance System
🛆 Alarm Prompt	Version No. 110.0
🗊 Version	Built Date 2014-02-08

Figure 3-6

3.4 Account

Here you can add, modify or delete a user.

3.4.1 Add role

Click in the Settings pane, and then click role button, you can go to the following interface. See Figure 3-7.

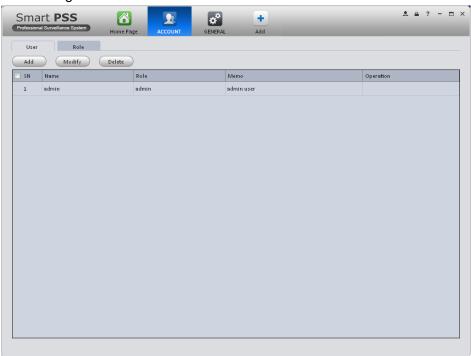


Figure 3-7

2) Click Add button, the interface is shown as in Figure 3-8.

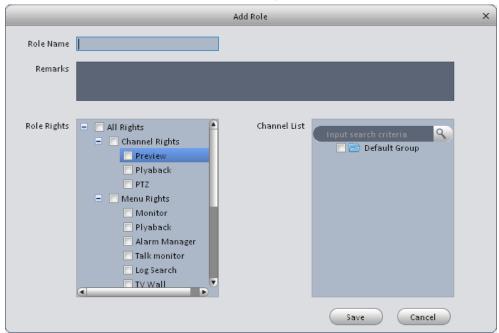


Figure 3-8

- 3) Please input a role name and check the corresponding role rights. You can input some reference information if necessary.
- 4) Click Save button.

Tips

Select a role and then click Modify/Delete button to modify or delete a role.

3.4.2 Add user

1) Click in the Settings pane, and then click user button, you can go to the following interface. See Figure 3-9.

	al Surveillance System		JERAL Add	& ≞ ? - ⊡
User	Role			
Add	Modify Delete			
SN	Name	Role	Memo	Operation
1	admin	admin	admin user	

Figure 3-9

2) Click Add button, you can see system pops up the following interface. See Figure 3-10.

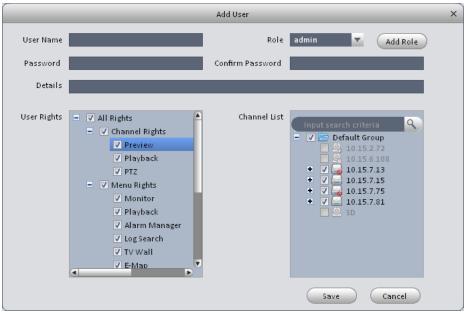


Figure 3-10

- 3) Select a role from the dropdown list, input user name, password and confirm password. Input some description information if necessary. Select rights for the new user.
- 4) Click Save button to add a new user.

Please refer to the following sheet for detailed information.

ltem	Function
User name	Please input user name here.
Role	You can select user role from the dropdown list. Or you can click Add role button to add a new role.
Password	Please set user password.
Confirm password	Please input new password again.
Details	You can input some description information here if necessary.
User Rights	Here you can check the box to select corresponding rights for current user.
	If the new user is a manager, system checks all rights by default.
Channel list	Check the box here to select channel rights for current user.

Tips

Select a user name and then click Modify/Delete button to modify or delete a user.

5) Click Save button to add a new user.

3.5 Device Manager

Here you can add, modify and delete a device. You can also implement device channel group function.

3.5.1 Add Device

You can refer to the steps listed below to add, modify or delete a device manually or automatically.



1) Click icon in the settings pane, system goes to the device manager interface; you can see an interface is shown as in Figure 3-11.

)	IP		Туре			lac	0	ort					
1	10.15.7.50		NVR6000):02:a9:80:18:6a		7777					
2	10.15.7.121		EV\$5000):02:a9:23:8c:eb		777					
3	10.15.5.82		DVR):02:A9:8D:50:5C		0003					
4	10.15.7.81		HD∨R		9(0:02:A9:8D:C6:8D	37	7777					
5	10.15.7.84		DVR		9():02:A9:B9:07:F4	37	7777					
6	10 19 116 24		HD\/P		9/	1-02-40-20-00-55	37	7777					
Devices		▼ Туре		IP/Domain Nar	Port	Channel No.	State		SN	Oper	atio	n	
Refresh Devices	s: 7 Online: 4	▼ Type		IP/Domain Nar 10.15.7.75	Port 37777				SN				
Devices	s: 7 Online: 4					Channel No. 16/0/16/1 1/0/2/1	State Offline Online		5N YZB3MW131D000	/ (e :	×	
Devices)] 1] 2	s: 7 Online: 4 Name	DVR		10.15.7.75	37777	16/0/16/1	Offline			/ (€ : ₹	× ×	
Devices]] 1] 2] 3	s: 7 Online: 4 Name 10.15.7.75 SD	DVR IPC		10.15.7.75 10.15.7.130	37777 37777	16/0/16/1	I Offline		YZB3MW131D000	/ (€ *	× × ×	
Devices]] 1] 2] 3] 4	s: 7 Online: 4 Name 10.15.7.75 SD 10.15.6.108	DVR IPC IPC		10.15.7.75 10.15.7.130 10.15.6.108	37777 37777 37777	16/0/16/1 1/0/2/1 1/0/2/1	Offline Online Online		YZB3MW131D000 PZB3MN458D00004	/ (/ (/ (x x x x	
Devices]] 1	s: 7 Online: 4 Name 10.15.7.75 5D 10.15.6.108 10.15.7.13	DVR IPC IPC DVR		10.15.7.75 10.15.7.130 10.15.6.108 10.15.7.13	37777 37777 37777 37777 37777	16/0/16/1 1/0/2/1 1/0/2/1 4/0/4/3	 Offline Online Online Online 		YZB3MW131D000 PZB3MN458D00004	/ (/ (/ (x x x x x	
Devices] 1 2 3 4 5	s: 7 Online: 4 Name 10.15.7.75 5D 10.15.7.13 10.15.7.13 10.15.7.15	DVR IPC IPC DVR DVR		10.15.7.75 10.15.7.130 10.15.6.108 10.15.7.13 10.15.7.15	37777 37777 37777 37777 37777 37777	16/0/16/1 1/0/2/1 1/0/2/1 4/0/4/3 8/0/8/3	 Offline Online Online Online Online 	an not fi	YZB3MW131D000 PZB3MN458D00004 YPA3KQ069D00036	/ (/ (/ (/ (x x x x x x x	



Click Manual Add button, the interface is shown as in Figure 3-12. Please input the corresponding information and then click Add button.

	Manual Add	×
InputInfo		
Device Name:		
Group Name:	Default Group 🔻	
Type:	DVR 🔻	
IP/Domain Name:		
Port:	37777	
User Name:		
Password:		
		Getting Info
Device Details		
Device SN:		
Video Input:		
Video Output:		
Alarm Input:		
Alarm Output:		
	Add More Add	Cancel

Figure 3-12

Please refer to the following sheet for detailed information.

Item	Function
Device name	Please input a device name here.
Group name	It defined by the device name.
Туре	Select a device type from the dropdown list.
IP/Domain name	Device IP address or domain name.
Port	Device IP port.
User name	The user name you login the device.
Password	The password you login the device.
Getting info	It is to get the online device information automatically.
Device SN	Device SN. Read-only.
Video input	Device video input channel amount.
Video output	Device video output channel amount.
Alarm input	Device alarm input channel amount.
Alarm output	Device alarm output channel amount.
Add more	Click it to save current setup and then add more devices.
Add	Click it to save setup and then exit current interface.

3.5.1.1 Add/Modify Device

Select a device in the list, and then click 🜌 to modify, or click 🖾 to delete it. Click 🕒 to login

the device manually. Click is to logout the device manually. Or you can select several devices and then click the Delete button at the left bottom corner to remove them all. **Tips**

Click Import button to import .xml file to add devices. Click Export button and then select save path to save current device list to .xml file.

3.6 Signals Manager

After you added a new device, you can go to the signals manager interface to set parameters.

On the main interface, click button in the Settings pane, you can go to the following interface. See Figure 3-13.

Smart PSS Professional Surveillance System	Home Page SIG	AL GENERAL	+ Add			≜ ≞ ? - ⊡ ×
Input search criteria	S General					
■ 10.15.6.108 ■ □ 10.15.7.13 ■ □ 10.15.7.15					-	
 ■ ■ 10.15.7.75 ■ ■ 10.15.7.81 ■ SD 	Network	Remote Device	Encode	Image	PTZ Control	
	🔊 Event					
	Q	▲	B			
	Video Detect	Alarm	Abnormality			
	🔊 Record					
	$\overline{\bigotimes}$					
	Record	Disk				
	🔊 Maintenan	ce				
		* *	Ø			
	Account	Maintenance	WEB			

Figure 3-13

3.6.1 General

3.6.1.1 Network

Here is for you to set network information such as TCP/IP, connection, PPPoE, DDNS, IP filter, SMTP, Multicast, and alarm centre.

3.6.1.1.1 TCP/IP

Here you can set corresponding parameter when you are using TCP/IP connection. See Figure 3-14.

5		Network Setting	×
тср/ір	Mode	⊙ Static ○ DHCP	
Connect	MAC Address	90:02:a9:23:cd:94	
PPPoE	IP Version IP Address	10.15.6.108	
DDNS	Subnet Mask	255.255.0.0	
IP Filter	Default Gateway Preferred DNS Server	8.8.8.8	
SMTP	Alternate DNS Server	8.8.8	
Multicast			
Alarm Centre			
		F	Refresh OK

Figure 3-14

3.6.1.1.2 Connect

Here you can set max login account amount, TCP port, UDP port, HTTP port, RTSP port and etc. See Figure 3-15.

	Network Setting X				
TCP/IP	Max Connect	10	(1-20)		
Connect	TCP Port	37777	(1025-65535)		
	UDP Port	37778	(1025-65535)		
PPPoE	HTTP Port	80	(1-65536)		
DDNS					
IP Filter					
SMTP					
Multicast					
Alarm Centre					
				Refresh	ок

Figure 3-15

3.6.1.1.3 PPPoE

PPPoE interface is shown as below. See Figure 3-16.

Input "PPPoE name" and "PPPoE password" you get from your ISP (Internet service provider). Click OK button, you need to restart to activate your configuration.

After rebooting, device will connect to internet automatically. The IP in the PPPoE is the device dynamic value. You can access this IP to visit the device.

		Network Setting
TCP/IP	💟 Enable	
Connect	User	none
PPPoE (Password	
DDNS		
IP Filter		
SMTP		
Multicast		
Alarm Centre		
		Refresh OK

Figure 3-16

3.6.1.1.4 DDNS

DDNS setup interface is shown as in Figure 3-17.

You need a PC of fixed IP in the internet and there is the DDNS software running in this PC. In other words, this PC is a DNS (domain name server).

In network DDNS, please select DDNS type and highlight enable item. Then please input your PPPoE name you get from you IPS and server IP (PC with DDNS). Click OK button and then reboot system.

Click Ok button, system prompts for rebooting to get all setup activated.

After rebooting, open IE and input as below:

http: //(DDNS server IP)/(virtual directory name)/webtest.htm

		Network Setting
TCP/IP	Server Type	NO-IP DDNS 🗸 Tenable
Connect	Server IP	dynupdate.no-ip.com
PPPoE	Port	
	Domain Name	none
DDNS	User Name	none
IP Filter	Password	
	Update Interval	10 Minutes
SMTP		
Multicast		
Alarm Centre		
		Refresh OK

Figure 3-17

Please refer to the following sheet for detailed information.

Parameter	Function
Server Type	You can select DDNS protocol from the dropdown list and then enable DDNS function.
Server IP	DDNS server IP address
Server Port	DDNS server port.
Domain Name	Your self-defined domain name.
User	The user name you input to log in the server.
Password	The password you input to log in the server.
Update interval	Device sends out alive signal to the server regularly. You can set interval value between the device and DDNS server here.

3.6.1.1.5 IP Filter

IP filter interface is shown as in Figure 3-18. You can add IP in the following list.

After you enabled whitelist function, only the IP listed below can access current device.

If you enable blacklist function, the following listed IP addresses can not access current device.

		Network Setting			>
TCP/IP	👽 Enable				
Connect	Whitelist	1		1	
PPPoE	Index	IP Address	Edit	Delete	_
DDNS					
IP Filter					
SMTP					
Multicast	Add				
Alarm Centre					
				Refresh	ОК

Figure 3-18

3.6.1.1.6 SMTP (Email)

The SMTP interface is shown as in Figure 3-19. Here you can set email receiver, encryption mode, send out interval and etc.

		Network Setting
TCP/IP	💟 Enable	
Connect	SMTP Server	none
	Port	25 (1-65535)
PPPoE	Anonymity	
DDNS	User Name	anonymity
	Password	••••
IP Filter	Sender	
SMTP	Encrypt Mode	NONE V Attachment
Multicast	Subject	
Waldcast	Receiver	•
Alarm Centre		
	Interval Time	0 Seconds(0-3600)
	📃 Health Email	
	Interval	60 Seconds
		Test
		Refresh OK

Figure 3-19

Please refer to the following sheet for detailed information.

Parameter	Function	
Enable	Please check the box here to enable email function.	
SMTP Server	Input server address and then enable this function.	
Port	Default value is 25. You can modify it if necessary.	
Anonymity	For the server supports the anonymity function. You can autologin anonymously. You do not need to input the user name, password and the sender information.	
User Name	The user name of the sender email account.	
Password	The password of sender email account.	
Sender	Sender email address.	
Encryption mode	System supports SSL/NONE/TLS.	
Subject	Input email subject here.	
Attachment	System can send out the email of the snapshot picture once you check the box here.	
Receiver	Input receiver email address here. Max three addresses.	
Interval	The send interval ranges from 0 to 3600 seconds. 0 means there is no interval. Please note system will not send out the email immediately when the alarm occurs. When the alarm, motion detection or the abnormity event activates the email, system sends out the email according to the interval you specified here. This function is very useful when there are too many emails activated by the abnormity events, which may result in heavy load for the email server.	
Health mail enable	Please check the box here to enable this function.	
Health mail interval	This function allows the system to send out the test email to check the connection is OK or not. Please check the box to enable this function and then set the corresponding interval. System can send out the email regularly as you set here.	
Test	The system will automatically sent out an email once to test the connection is OK or not .Before the email test, please save the email setup information.	

3.6.1.1.7 Multicast

The multicast interface is shown as in Figure 3-20.

Multicast is a transmission mode of data packet. When there is multiple-host to receive the same data packet, multiple-cast is the best option to reduce the broad width and the CPU load. The source host can just send out one data to transit. This function also depends on the relationship of the group member and group of the outer.

		Network Setting	
TCP/IP	📝 Enable		
Connect	Multiccast Address Port	239.255.42.42 (224.0.0.0°239.255.255.255) 36666 (1025°65500)	
PPPoE	Port	30000 (1025-05500)	
DDNS			
IP Filter			
SMTP			
Multicast			
Alarm Centre			
			Refresh OK

Figure 3-20

3.6.1.1.8 Alarm Server

The alarm centre interface is shown as below. See Figure 3-21.

This interface is reserved for you to develop. System can upload alarm signal to the alarm centre when local alarm occurs.

Before you use alarm centre, please set server IP, port and etc. When an alarm occurs, system can send out data as the protocol defined, so the client-end can get the data.

		Network Setting				
TCP/IP	💟 Enable					
Connect	Protocol Type	Alarm Centre 🔽				
PPPoE	Host IP	10.7.8.9 8888				
DDNS	Schedule Login	Every Day	At 00:00	v		
IP Filter						
SMTP						
Multicast						
Alarm Centre						
				R	efresh	Save

Figure 3-21

3.6.1.2 Remote

Here you can add remote device manually or automatically. See Figure 3-22.

_								
1	NO.	IP		Port	Device Nam	e Protoco	Type Device	туре
	1	10.15.7	7.84	80	10.15.7.84	Onvif		
	2	10.15.7	7.141	37777	10.15.7.141	Private	NVD	
	3	10.15.7	7.121	37777	10.15.7.121	Private	EV\$	
	4	10.15.7	7.50	37777	10.15.7.50	Private	NVR	
	5	10.15.7	7.46	37777	10.15.7.46	Private	NVR-P	
	6	10.15.7	7.12	37777	10.15.7.12	Private	HCVR	
	7	10.18.1	L16.24	37777	10.18.116.2	4 Private	HDVR	
	8	10.15.7	7.80	37777	10.15.7.80	Private	DVR	
	9	10.15.7	7.47	40002	10.15.7.47	Private	NVR-P	
	10	10.15.6	5.61	37777	10.15.6.61	Private	NVR-P	
	11	10.15.7	7.45	37777	10.15.7.45	Private	NVR-P	
	12	10157	7 1 4	37777	10 15 7 14	Private	HC\/R	
	Local Ch	nannel	IP	Port	Device Name	Remote Channel	Protocol Type	Device Type
	17		10.15.6.99	37777	YZC3CW20700	1	Private	IPC-HFW5100

Figure 3-22

Click Search device button, system can list all the devices on the same IP section. Select a device and then click Add button; you can add a remote device.

Click Manual add button, System pops up the following dialogue box. See Figure 3-23. Please input the corresponding information and then click OK button to add a remote device.

	×
Name	
IP Address	
Protocol Type	Private 🔽
Port	0
User Name	
Password	
Remote Channel	1
Local Channel	1
	OK Cancel

Figure 3-23

3.6.1.3 Encode 3.6.1.3.1 Audio/Video

The interface is shown as below. See Figure 3-24. Here you can set audio/video bit stream.

		Encode		×
Audio/Video	Main Stream		Extra Stream	
Snapshot	Stream Type	General 🔻	🔽 Video Setup	
snapsnot	Encode Type	H.264	Encode Type	H.264 V
Overlay	Resolution	1080P	Resolution	CIF
	FPS	25	FPS	15
	StreamCtrl	BRC_CBR	StreamCtrl	BRC_CBR
	Bit Stream	8192Kbps 🗸	Bit Stream	384Kbps 🔻
	Ref Stream	3584kbps-8192kbps	Ref Stream	112kbps-640kbps
	Audio Setup		Audio Setup	
	Encode Mode	G.711A	Encode Mode	G.711A
	✓ Watermark			
	Characters	DigitalCCTV		
Copy None 🗸			Apply	Refresh OK

Figure 3-24

Please refer to the following sheet for detailed information.

Parameter	Function
Video enable	Check the box here to enable extra stream video. This item is enabled by default.
Stream type	It includes main stream, motion stream and alarm stream. You can select different encode frame rates form different recorded events.
Encode mode	It is to set audio/video encode mode. Default setup is H.264.
Resolution	System supports various resolutions, you can select from the dropdown list.
FPS	PAL: 1~25f/s; NTSC: 1~30f/s.
Bit stream	In VBR mode, it is the max value of the bit stream. In the CBR mode, it is a fixed value.
Quality	You can select from the dropdown list.
Audio encode mode	Check the box here to enable audio function and select encode type from the dropdown list.
Watermark	This function allows you to verify the video is tampered or not.
enable /watermark character	Here you can select watermark bit stream, watermark mode and watermark character. Default character is DigitalCCTV.
Сору	Click it to copy current setup to other channel(s).

3.6.1.3.2 Snapshot

The snapshot interface is shown as below. See Figure 3-25.

and the second		Enco	de			~
Audio/Video	Snap Mode	Regular	T			
Snapshot	Size	1080P				
Overlay	Quality	Better	T			
Overlay	Snap Interval	1\$/P	V			
Copy None 🗸				Apply	Refresh	ОК

Figure 3-25

Please refer to the following sheet for detailed information.

Parameter	Function		
Snapshot type	 There are three modes. Regular: It enables snapshot function as you set on the snapshot plan. MD: It enables snapshot function when motion detect occurs. Alarm: It enables snapshot function when an alarm occurs. 		
Image size	It is the same with the resolution of the main stream.		
Quality	It is to set the image quality.		
Interval	It is to set snapshot frequency.		
Сору	Click it; you can copy current channel setup to other channel(s).		

3.6.1.3.3 Overlay

Here is for you to overlay information on the video. See Figure 3-26.

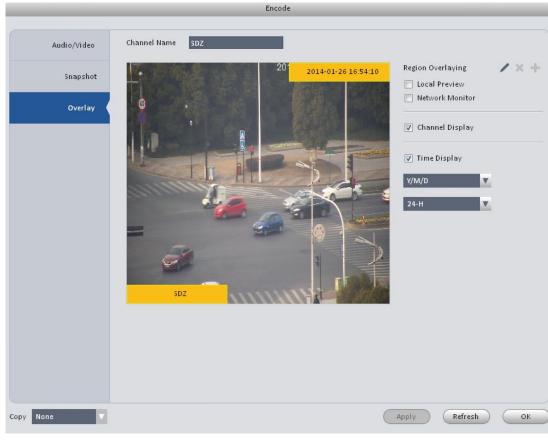


Figure 3-26 Please refer to the following sheet for detailed information.

Parameter	Function
Area-overlay	There are two types: Local preview/network monitor.
	Local preview: It is to shield the corresponding video under local preview mode.
	Network monitor: It is to shield the corresponding video under network monitor mode.
	Click button 🚺 to set a zone.
Channel display	You can enable this function so that system overlays channel information in video window.
	Please input channel name here.
	You can use the mouse to drag the channel title position.
Time display	You can enable this function so that system overlays time information in video window.
	You can use the mouse to drag the time title position.
	You can view time title on the live video of the WEB or the playback video.
Date format	Select date format from the dropdown list if you want to overlay date information.
Time format	Select date format from the dropdown list if you want to overlay time information.
Сору	Click it; you can copy current channel setup to other channel(s).

3.6.1.4 Image

Here you can set camera property. See Figure 3-27.

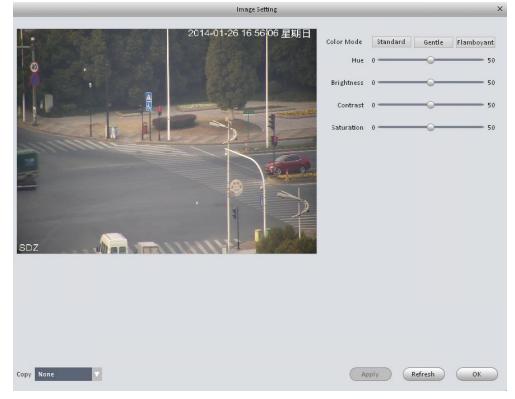


Figure 3-27 Please refer to the following sheet for detailed information.

Parameter	Function
Color mode	It is to set color mode.
Hue	It is to set color hue.
	It is to adjust color whole brightness. The large the value is, the bright the video is and vice versa.
Brightness	When you set, the dark pane and the bright pane of the video can be increased or decreased accordingly at the same time.
Contrastness	It is to set video contrast. The large the value is, the big the contrast is, vice, versa.
Saturation	It is to set color saturation. The larger the value is, the strong the color is and vice versa.

3.6.1.5 PTZ Control

It is for you to set PTZ parameters. See Figure 3-28.

		PTZ Control		×
Protocol	DH-SD1			
Address	1			
Baud Rate	38400			
Data Bit	8			
Stop Bit	1 bit 🔻			
Parity	None 🔻			
Copy None	V		Apply Refresh	ОК

Figure 3-28

Please refer to the following sheet for detailed information.

Parameter	Function
Protocol	Select the corresponding dome protocol such as PELCOD.
Address	Set corresponding dome address. Default value is 1. Please note your setup here shall comply with your dome address; otherwise you can not control the speed dome.
Baud Rate	Select the dome baud rate. Please set according to the speed dome dial switch setup.

Parameter	Function
Data Bit	Default setup is 4. Please set according to the speed dome dial switch setup.
Stop bit	Default setup is 1. Please set according to the speed dome dial switch setup.
Parity	Default setup is none. Please set according to the speed dome dial switch setup.

3.6.2 Event

3.6.2.1 Video Detect

The video detect includes three types:

- Motion detect: Through analyze video, system can enable motion detect alarm when it detects any moving signal that reaches the sensitivity threshold you set here.
- Video loss: This function allows you to be informed when video loss phenomenon occurred. You can enable alarm output channel and then enable show message function.
- Camera masking: When someone viciously masks the lens, or the output video is in onecolor due to the environments light change, the system can alert you to guarantee video continuity.

Here we use motion detect interface as an example. See Figure 3-29.

Video Detect					×
Video Loss	🗹 Enable				
Video Blind	Arm/Disarm Period	Set			
Motion Detect	Sensitivity	3	V		
Motion Detect	Anti-dither	5	🔹 \$(5~100)		
	Zone	Set			
	🛛 Record Channel	1			
	Record Delay Time	10	\$(10~300)		
	💟 Alarm Output	1			
	Output Delay Time	10	\$(10~300)		
	PTZ Link	Set			
	🔲 Tour	1			
	📄 Snapshot	1			
	📄 Show Msg	📄 Send Email	📄 Alarm Upload	Buzzer	SM15
Copy None 🔻				Apply	Refresh OK

Figure 3-29

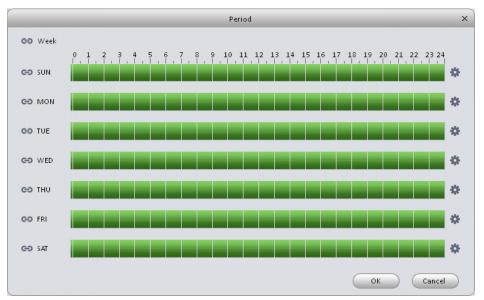


Figure 3-30

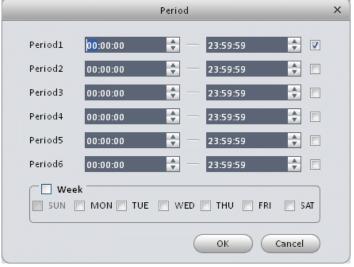


Figure 3-31

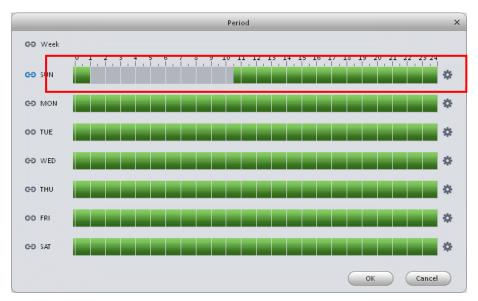


Figure 3-32

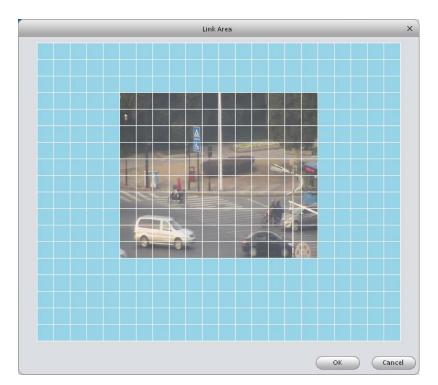


Figure 3-33

	PTZ Control	_	_	×
Channel 1	Preset 🔻	1		
	_	ок	Cancel	

Figure 3-34

Please refer to the following sheet for detailed information.

Parameter	Function
Enable	You need to check the box to enable motion detection function.

Parameter	Function
Arm/disarm Period	Motion detection function becomes activated in the specified periods. See Figure 3-30.
	There are six periods in one day. You can click to set (Figure 3-31) or use mouse to draw the corresponding period on the time bar directly (Figure 3-32).
	Click OK button, system goes back to motion detection interface, please click OK button to exit.
Anti-dither	System only memorizes one event during the anti-dither period. The value ranges from 5s to 100s.
Sensitivity	There are 10 levels. The sixth level has the highest sensitivity.
Zone	You can click this button to set motion detection zone. The interface is shown as in Figure 3-33. Do remember clicking OK button to save your motion detection zone setup.
Record channel	System auto activates motion detection channel(s) to record once an alarm occurs. Please note you need to set motion detect record period and go to Record-> record plan to set current channel as schedule record.
Record Delay	System can delay the record for specified time after alarm ended.
Alarm output	Enable alarm activation function. You need to select alarm output port so that system can activate corresponding alarm device when an alarm occurs.
Output delay	System can delay the alarm output for specified time after an alarm ended.
Show message	System can pop up a message to alarm you in the local host screen if you enabled this function.
Buzzer	Check the box here to enable this function. The buzzer beeps when an alarm occurs.
Alarm upload	System can upload the alarm signal to the centre (Including alarm centre.
Message	When 3G network connection is OK, system can send out a message when motion detect occurs.
Send Email	If you enabled this function, System can send out an email to alert you when an alarm occurs.
SMS	If you enabled this function, System can send out a message to specified phone to alert you when an alarm occurs.
Tour	You need to check the box here to enable this function. System begins 1-wiindow or multiple-window tour display among the channel(s) you set to record when an alarm occurs.
PTZ Activation	Here you can set PTZ movement when alarm occurs. See Figure 3-34.
Video Matrix	This function is for motion detect only. Check the box here to enable video matrix function.

Before operation, please make sure you have properly connected alarm devices such as buzzer. The input mode includes local alarm and network alarm. The local alarm interface is shown as in Figure 3-35.

		Alarm Setting		×
📝 Alarm Input Enable	1			
Arm/Disarm Period	Set			
Anti-dither	0 Second(5~100)		
Device Type	NO			
Record Delay	10 Second(10~30	0)		
Output Delay	10 Second(1~300	9		
👿 Record Channel	1			
💟 Alarm Output	1			
V PTZ Link	Set			
V Tour	1			
💟 Snapshot	1			
V Show Msg	💟 Send Email	📝 Alarm Upload	📝 Buzzer	SMIS
Copy current configuration to	None		Apply	Refresh OK

Figure 3-35

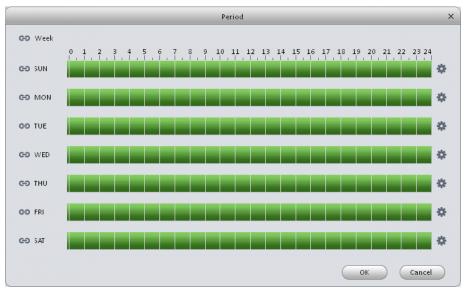
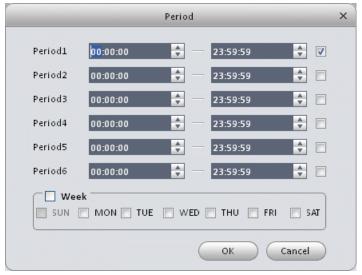


Figure 3-36





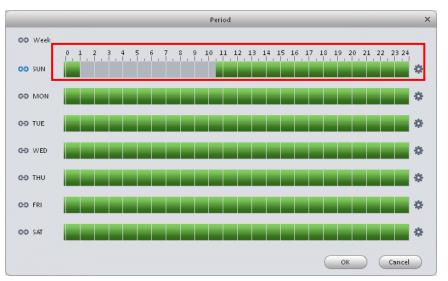


Figure 3-38

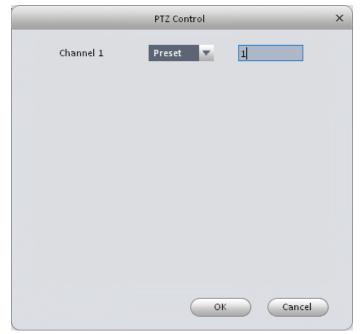


Figure 3-39

Please refer to the following sheet for detailed information.

Parameter	Function
Enable	You need to check the box to enable this function.
	Please select a channel from the dropdown list.
Arm/disarm Period	This function becomes activated in the specified periods.
	There are six periods in one day. See Figure 3-36.
	There are six periods in one day. You can click to set (Figure 3-37) or use mouse to draw the corresponding period on the time bar directly (Figure 3-38).
	Click OK button, system goes back to alarm interface, please click OK button to exit.
Anti-dither	System only memorizes one event during the anti-dither period.
Device (Sensor) type	There are two options: NO/NC.
Record Delay	System can delay the record for specified time after alarm ended.
Output delay	System can delay the alarm output for specified time after an alarm ended.
Record channel	System auto activates motion detection channel(s) to record once an alarm occurs. Please make sure you have set MD record in Record interface (Main Menu->Setting->Signal sources).
Alarm output	Enable alarm activation function. You need to select alarm output port so that system can activate corresponding alarm device when an alarm occurs.
Video matrix	Check the box here to enable video matrix function.
Show message	System can pop up a message to alarm you in the local host screen if you enabled this function.
Buzzer	Check the box here to enable this function. The buzzer beeps when an alarm occurs.
Alarm upload	System can upload the alarm signal to the centre (Including alarm centre.
Send Email	If you enabled this function, System can send out an email to alert you when an alarm occurs.
SMS	If you enabled this function, System can send out a message to specified phone to alert you when an alarm occurs.
Tour	You need to check the box here to enable this function.
PTZ Activation	Here you can set PTZ movement when alarm occurs. Such as go to preset X. See Figure 3-39.

3.6.2.3 Abnormality

It includes six statuses: No device, no space, device error, net offline, IP conflict and MAC conflict. See Figure 3-40 through Figure 3-45.

	Abilitinanty
No storage device	🖉 Enable
No Space	Image: Alarm output Image: Alarm output
Storage device error	Output Delay 10 Second(10~300)
Offline	
IP Conflict	
Mac Conflict	
	Refresh OK

Figure 3-40

	Abnormality	×
No storage device		
No Space	Free Space 20 %(0-99) Alarm Output 1 2 3	
Storage device error	Output Delay 10 Second(10°300)	
Offline	Show Msg Send Email Y Alarm Upload Buzzer SMS	
IP Conflict		
Mac Conflict		
	Refresh	ок

Figure 3-41

	Abnormality	×
No storage device	☑ Enable	
No Space	I I I	
Storage device error	Output Delay 10 Second(10-300) I Prompt Send Email I Alarm Upload I Buzzer SMS	
Offline		
IP Conflict		
Mac Conflict		
	Refresh	ок

Figure 3-42

Abnormality X		
No storage device	✓ Enable	
No Space	Record 1 2 3 4 5 6 7 8	
Storage device error	Record Delay 10 Second(10"300)	
Offline	Output Delay 10 Second(1~300)	
IP Conflict	Show Msg Send Email Buzzer SMS	
Mac Conflict		
	(Refresh OK	

Figure 3-43

	Abnormality	×
No storage device		
No Space	Alarm Output 1 2 3 Output Delay 10 Second(10"300)	
Storage device error	Output Delay 10 Second(10°300) Show Msg Send Email Buzzer SMS	
Offline		
IP Conflict Mac Conflict		
	Refresh OK	

Figure 3-44

s	Abnormality X
No storage device	Enable
No Space	Alarm Output 1 2 3
Storage device error	Output Delay 10 Second(10"300) Show Msg Send Email Buzzer SMS
Offline	
IP Conflict	
Mac Conflict	
	Refresh OK

Figure 3-45

Please refer to the following sheet for detailed information.

Parameter	Function
Enable	Check the box here to enable selected function.
Alarm Output	Please select corresponding alarm output channel when an alarm occurs. You need to check the box to enable this function.
Output	The alarm output can delay for the specified time after an alarm stops.

Parameter	Function
delay	
Show message	System can pop up a message to alarm you in the local host screen if you enabled this function.
Alarm upload	System can upload the alarm signal to the centre (Including alarm centre.
Send Email	If you enabled this function, System can send out an email to alert you when an alarm occurs.
Buzzer	Check the box here to enable this function. The buzzer beeps when an alarm occurs.
SMS	If you enabled this function, System can send out a message to specified phone to alert you when an alarm occurs.

3.6.3 Record

3.6.3.1 Schedule

You can set the corresponding period to enable schedule record function. You can follow the steps listed below to set schedule record function.

1) Click Schedule button, you can go to the following interface. See Figure 3-46.

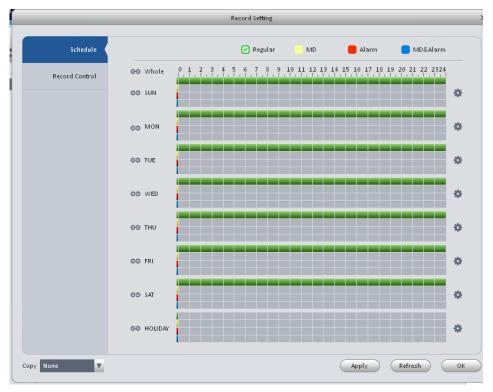


Figure 3-46

2) Click to button after corresponding date, you can see an interface shown as below. See Figure 3-47.

		_	R	ec Plan	_				×
					Regular	Motion	Alarm	MD&Alarm	
Period1	00:00:00	÷	23:59:59	÷					
Period2	00:00:00	÷ —	23:59:59	÷					
Period3	00:00:00	÷	23:59:59	÷					
Period4	00:00:00	÷ —	23:59:59	÷					
Period5	00:00:00	÷ —	23:59:59	÷					
Period6	00:00:00	÷ —	23:59:59	×.					
C Whol	e								
SUN	MON	TUE	WED	TH	IU 📃	FRI 📃	SAT 📃	HOLIDAY	
							ок	Cancel	

Figure 3-47

3) Set record period and check the box to select record type. Click OK button, now you can see an interface shown as in Figure 3-48.

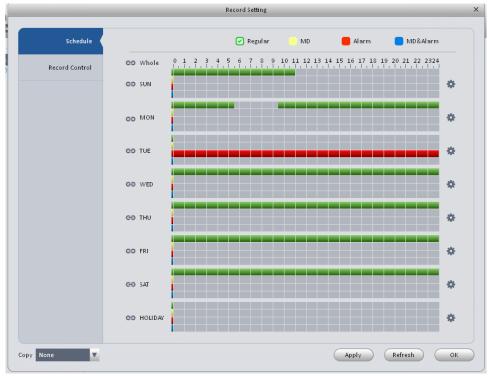


Figure 3-48

You can view the current time period setup from the color bar.

- Green color stands for the general record.
- Yellow color stands for the motion detect record.
- Red color stands for the alarm record.
- Blue color stands for MD and alarm record.

Tips

Click Copy button to copy current setup to other date.

3.6.3.1.1 Record Control

It is for you to set record control mode. See Figure 3-49.

			Record Settin	g			×
Schedule	Pre-Record	4	\$ S(0~5	5)			
Record Control	Main Stream	 Schedule 	🔿 Manual	🔿 Stop			
Record Control	Sub Stream	Schedule	Manual	 Stop 			
Comu Mana					Annla	Defeash	
Copy None 🔻					Apply	Refresh	ОК

Figure 3-49

Please refer to the following sheet for detailed information.

Parameter	Function
Pre-record	Please input pre-record time here.
Main stream	It is to set main stream record mode. It includes: Schedule/manual/stop.
Sub stream	It is to set sub stream record mode. It includes: Schedule/manual/stop.

3.6.3.2 Disk

3.6.3.2.1 Local Store

The local interface is shown as in Figure 3-50. Here you can save data to local SD card or HDD.

		Disk Ma	inager			×
Local Store	Device Name	HDD Operation	Disk Type	State	Free/Total Space	
	Disk 1	Set as read-write di 🔻	Read-Write	Normal	0G/931.4G	
Remote Store						
					Refres	h

Figure 3-50

3.6.3.2.2 Remote store

It is for you to upload data to a PC via FTP. See Figure 3-51.

		Disk Manager	×
Local Store	👽 Enable		
Remote Store	Host IP	0.0.0.0	
	Port	21 *	
	User Name		
	Password	Anonymity	
	Remote Directory		
	File Length	0 M	
	Upload Interval	2 Second	
	Channel	1	
	Week	Sun. 🔻	
	Period 1	00:00:00 🛟 23:59:59 🖨 🖹 Alarm 📄 MD 📄 Others	
	Period 2	00:00:00 🛟 23:59:59 🔷 🖹 Alarm 📄 MD 📄 Others	
		Refresh	ок

Figure 3-51

3.6.4 Maintenance

3.6.4.1 Account

Here you can add/modify/delete a group or add/modify/delete a user. System default user group is admin/user. System default user is admin/888888/666666.

Click Account button in Signals interface and th	hen click Role button. See Figure 3-52.
--	---

	Acc	count						
User Add G	Add Group Del Group							
Role Index	Group Name	Memo	Operation					
	admin	administrator group	/ X					
2	user	user group	/ X					

Figure 3-52

Click Add group button, you can see system pops up the following interface. See Figure 3-53. Please input a group name and then select corresponding rights, input some note information for your reference if necessary. Click OK button to exit.

Add Group >	<
Group Name	
Memo	
Rights List 🔲 Check All	
Ctr Panel	
🔲 Shutdown	
🔲 Monitor	
Monitor_01	
Monitor_02	
Monitor_03	
Monitor_04	
OK Cancel	

Figure 3-53

Account							
User	Add	Jses Del Use	r				
Role	Index	User Name	Group Name	Memo	Operation		
	1	888888	admin	admin(888) 's account	/ X		
	2	666666	user	666666 user's account	/ X		
	🗖 3	admin	admin	admin 's account	/ X		
	- 4	default	user	default account	/ X		

Go to the User interface, here you can add/remove user and modify user name. See Figure 3-54.

Figure 3-54

Click Add user button, you can see the following interface. See Figure 3-55. Please input user name, password, and select a group from the dropdown list. Select corresponding rights and then click OK button.

Tips

If you want to multiple users to use this account login at the same time, you need to check the box to select reusable function.

	Add User	;	×
User Name		📄 Reuseabl	le
Password			
Confirm Password			
Group	admin	*	
Memo			
Rights List	Check All		
Ctr Panel		A	
🔲 Shutdown			
Monitor			
Monitor_01			
Monitor_02			
Monitor_03			
Monitor_04			
Monitor_05			
	Ок	Cancel	

Figure 3-55

3.6.4.2 Maintenance

3.6.4.2.1 Host

Here you can set system time, date format, record period and etc. See Figure 3-56.

		Maintenance	×
Local Setup	Device Name	HCVR	
Date&Time	Device No	8	
R5232	Language	English	
Auto Maintenance	Video Standard Pack Duration	PAL 00 minute(1-120)	
Version	When disk is full	Overwrite V	
		(Refresh) OK	

Figure 3-56

Please refer to the following sheet for detailed information.

Parameter	Function
Device name	It is to set device name.
Device No.	When you are using one remote control to manage multiple devices, you can give a serial numbers to the device.
	Before the operation, please make sure you have clicked address button on the remote control and input a number for current device.
Language	You can select the language from the dropdown list.
	Please note the device needs to reboot to get the modification activated.
Video Standard	This is to display video standard such as PAL.
HDD full	 Here is for you to select working mode when hard disk is full. There are two options: stop recording or rewrite. If current working HDD is overwritten or the current HDD is full while the next HDD is no empty, then system stops recording, If the current HDD is full and then next HDD is not empty, then system overwrites the previous files.
Pack duration	Here is for you to specify record duration.

3.6.4.2.2 Date&Time

The date and time interface is shown as in Figure 3-57.

Contraction of the Contraction o		Maintenance
Local Setup	Date Format	YYYY-MM-DD
Date&Time	Time Format	24-H
R\$232	System Time	2014-02-08 文 14:09:27 文 Sync PC
63232	💟 DST Enable	
Auto Maintenance	DST Typ	⊙ Date ○ Week
Version	Start Time	Jan 🔽 1 🔽 00:00:00
	End Time	Jan 🔽 1 💟 00:00:00
	VTP	
	Time Zone	GMT+08:00
	NTP Server	time.windows.com
	Port	123 (1-65535)
	Update Period	60 Minute(0-65535)
		Refresh OK
		Kerresh OK

Figure 3-57

~ 1

Please refer to the following sheet for detailed information.

Parameter	Function
Date format	Here you can select date format from the dropdown list.
Time Format	There are two options: 24-H and 12-H.
Time zone	The time zone of the device.
System time	It is to set system time. It becomes valid after you set.
Sync PC	You can click this button to save the system time as your PC current time.
DST enable	Here you can set day night save time begin time and end time. You can set according to the date format or according to the week format.
NTP	You can check the box to enable NTP function.
NTP server	You can set the time server address.
Port	It is to set the time server port.
Update period	It is to set the sync periods between the device and the time server.

3.6.4.2.3 RS232

The RS232 interface is shown as in Figure 3-58.

		Maintenance		х
Local Setup	COM	сом1		
Date&Time	Function	Console 🔻		
R5232	Data Bit	7		
	Stop Bit	1		
Auto Maintenance	Baud Rate Parity	38400 🔽		
Version	Parity	None		
			Re	fresh OK

Figure 3-58

Please refer to the following sheet for detailed information.

Parameter	Function
СОМ	You can select from the dropdown list.
Function	 There are various devices for you to select. Console is for you to use the COM or mini-end software to upgrade or debug the program. The control keyboard is for you to control the device via the special keyboard. Transparent COM (adapter) is to connect to the PC to transfer data directly. Protocol COM is for card overlay function. Network keyboard is for you to use the special keyboard to control the device.
Baud Rate	Default setup is 115200.
Data Bit	Default setup is 8.
Stop bit	Default setup is 1.
Parity	Default setup is none.

3.6.4.2.4 Auto Maintenance

Here you can set auto-reboot time and auto-delete old files setup. You can set to delete the files for the specified days. See Figure 3-59.

		Maintenance			×
Local Setup	Auto Restart	Tuesday 🔻	00:00]	
Date&Time	Auto Delete Files	Customize 🔻	30	Day(s) ago	
R\$232		Restart			
Auto Maintenance					
Version					
				Refresh	ОК

Figure 3-59

3.6.4.2.5 Version

Version interface is shown as below. See Figure 3-60.

	Maintenance	×
Local Setup	Software Version 3.200.0005.1, build : 2013-12-16	
Date&Time	5N YPA3KQ069D00036	
R5232	Copyright 2014. All Rights Reserved	
Auto Maintenance		
Version		

Figure 3-60

3.6.4.3 WEB

Click it to go to the WEB of the device. See Figure 3-61. The following figure is for reference only.

http://10.15.7.15/config/index.htm?dXNlcm5hbWU9YWRtaW4mcGFzc3dvcmQ9YWRtaW4Windov	ws Internet Explorer	
Solution and the state of the s	📀 🗹 🐓 🔀 😢 Yahool	
File Edit View Favorites Tools Help		
👷 Favorites 📓 http://10.15.7.15/config/index.htm?dxNcmShbWU9Y		
Channel		
> Conditions	Channel 1	
> Video&Audio	Channel 1	
> Channel Name		
▶ Network	Period 🗹 00:00 - 24:00 🔲 00:00 - 24:00	
▶ Event	Hue 🕾 — 0 — 50 — 0 — 50	
Storage	Brightness 🔆 50 50	
> System	Contrast 0 50 50	
Advanced	Saturation 🖄5050	
Information	Color Mode Standard V Standard V	
	Color Mode Standard V Standard V	
Customized Default	Cancel	
		i i

Figure 3-61

3.7 Alarm Setup

3.7.1 Set Alarm Scheme

You can follow the steps listed below to set an alarm scheme.

1)

Click the icon in the Settings pane, you can go to alarm configuration interface. See

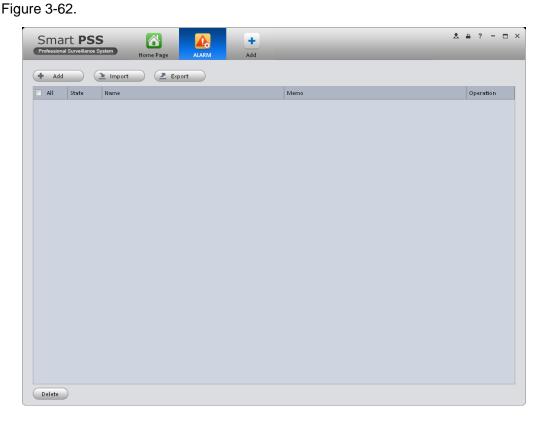


Figure 3-62

2) Set alarm sources.

a) Click ______ button in Figure 3-62, system goes to alarm sources setup interface. See Figure 3-63.

b) Here you can input a scheme name and some reference information. select the alarm type from the dropdown list.

c) Check the box to select a channel you want to set alarm scheme on the left pane; you can add it to the list on the right pane.

			New Scheme		>
	Name Scheme1	Descrip	tion Test		🗸 Apply
1 Alarm Sources	Alarm Type Motion Detect	V			
	Input search criteria	\$N	Channel	Alarm Type	BEHAV A
(2) Alarm Link	Default Group	1	CAM 1	Motion Detect	×
3 Period	 10.15.7.13 Image: Image of the second s	2	CAM 2	Motion Detect	×
-	 Image: Non-State Image: Non-State	3	CAM 3	Motion Detect	×
	SD	4	CAM 4	Motion Detect	×
		5	CAM 5	Motion Detect	×
		6	CAM 6	Motion Detect	×
		7	CAM 7	Motion Detect	×
		8	CAM 8	Motion Detect	×
		9	CAM 1	Motion Detect	×
		10	CAM 2	Motion Detect	×
		11	CAM 3	Motion Detect	×
		12	CAM 4	Motion Detect	×
		13	CAM 5	Motion Detect	×
		14	CAM 6	Motion Detect	×
		15	CAM 7	Motion Detect	×
		16	CAM 8	Motion Detect	×
				Next	Cancel

Figure 3-63

d) Click Alarm Link on the left pane or click next button in Figure 3-63, you can go to the following interface. Please check the trigger channel in Figure 3-64 and alarm output channel, stay time and etc in Figure 3-65.

1 Alarm Sources	Channel Alarm Out	Description test		-	_	V	Apply
2 Alarm Link	Input search criteria						
2 Alarm Link		Link Channel	Link Vic	Record	Preset	StayTime(s)	BEHAV AN
	Default Group	10.15.7.13/CAM 1			N/A	20	×
3 Period	 ■ □ 10.15.7.13 ■ □ 10.15.7.15 	10.15.7.13/CAM 2			N/A	20	×
-	 10.15.7.75 10.15.7.81 	10.15.7.13/CAM 3			N/A	20	x
	🗆 🦲 SD	10.15.7.13/CAM 4			N/A	20	×
		10.15.7.15/CAM 1			N/A	20	×
		10.15.7.15/CAM 2			N/A	20	x
		10.15.7.15/CAM 3			N/A	20	×
		10.15.7.15/CAM 4			N/A	20	x
		10.15.7.15/CAM 5			N/A	20	×
		10.15.7.15/CAM 6			N/A	20	×
		10.15.7.15/CAM 7			N/A	20	x
		10.15.7.15/CAM 8			N/A	20	×

Figure 3-64

	Name Scheme1	Description test	_	V	Apply
1 Alarm Sources	Channel Alarm Out				
	Input search criteria	Link Out	Auto Start	StayTime(s)	BEHAV AN
2 Alarm Link	Default Group Default Group 10.15.6.108	10.15.7.15/chnl1	Yes	20	x
3 Period		10.15.7.15/chnl2	Yes	20	x
-	 ▼ □ 10.15.7.75 ■ □ 10.15.7.81 	10.15.7.15/chnl3	Yes	20	×
	SD	10.15.7.75/AlarmOut1	Yes	20	×
		10.15.7.75/chnl2	Yes	20	×
		10.15.7.75/chnl3	Yes	20	×

Figure 3-65

e) Click Period button on the left pane or click next button in Figure 3-64, you can go to the following interface. See Figure 3-66.

	New Scheme	×
	Name Scheme1 Description test 🗸 A	oply
Alarm Sources		
2 Alarm Link		
3 Period	0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 3 Sun	24 **
	Mon	*
	Tue	*
	Wed	*
	Thu	*
	Fri	*
	Sat	*
	Back Confirm Co	ancel

Figure 3-66

Click safter a date to set alarm activation period. There are six periods in one day. See Figure 3-67. Click OK button to exit.

	Scheme	: Time Setup	×
Period 1	<mark>00</mark> :00	÷ —	23:59
Period 2	00:00	* —	00:00
Period 3	00:00	* *	00:00
Period 4	00:00	* *	00:00
Period 5	00:00	* *	00:00
Period 6	00:00	* *	00:00
IIA 📃			
🔽 Sun 📃 Thu	🗌 Mon	📃 Tue	🔲 Wed
		ОК	Cancel

Figure 3-67

 f) Click OK button, you can view the scheme information on the alarm setup interface. See Figure 3-68.

	t PSS Surveillance Sy		ALARM Add		±≞?-□>
+ Add		🛓 Import 🛛 🔎 Expor	rt		
🔲 All	State	Name		Memo	Operation
1	On	Schemel			✓ × ⁽¹⁾
Delete)				

Figure 3-68

3.7.2 Enable/Disable/Export Scheme

After you added a scheme, you can view the following contents for operation information.

- X: Delete current scheme.
- Usable current scheme.
- 😃 : Enable current scheme.

Delete

: Select one or more scheme(s) and then click this button to delete.

• Import	: Import scheme information.
Export	: Export scheme informaiton.

3.8 TV Wall Configuration

3)

This function allows you to output video to the TV wall. Please follow the steps listed below.

1) Click system goes to TV wall setup interface. See Figure 3-69.





- 2) Click Add TV wall button, you can input TV wall name and description.
 - at the bottom of the interface is for you to set 1*1, 2*2, 3*3 or 4*4 TV

wall. Click the screen here to draw TV wall layout. See Figure 3-70.

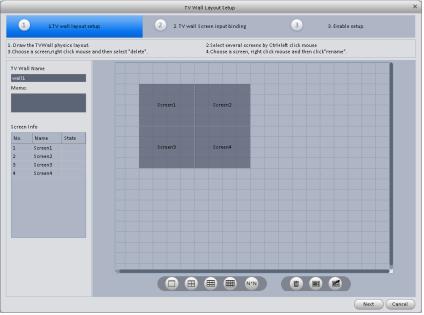


Figure 3-70

Note

- You can click input your customized TV wall layout.
- Use Ctrl+left click mouse to select several screens, right click mouse to select splicing or

click E, you can combine several screens to a splicing screen. Right click mouse, select

unbind splicing or click e, you can cancel splicing.

• Select a screen and right click to select rename or delete, you can rename screen name or

delete a screen. Click you can delete all screens.

Click Next button or select 2. TV wall Screen input binding , you can go to TV wall input binding interface.

4) Binding decoder channel

Select a decoder channel and then drag it to the corresponding screen of the TV wall. See Figure 3-71.

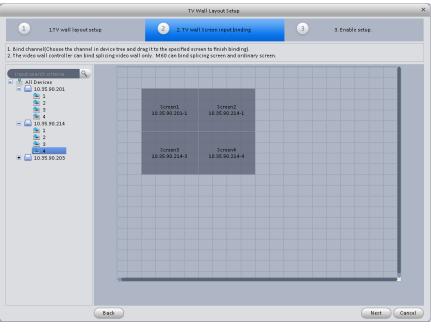


Figure 3-71

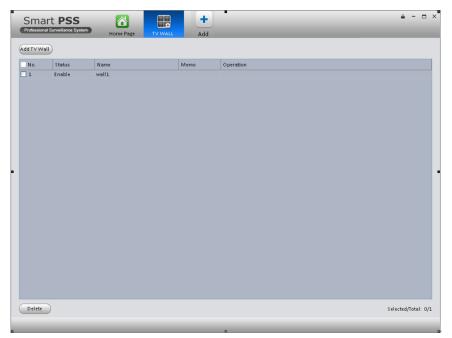
Enable setup

Click Next button, or click

3

you can go to enable status interface.

5) Check the box to enable setup immediately and then click Finish button, you can see an interface shown as in Figure 3-72.





In Figure 3-72, double click a TV wall, or select a TV wall and then click Modify button, you can change its setup. You can also click Delete button to remove. On the status column, you can enable or disable the TV wall. Click, you can change TV wall on/off setup.

3.9 Tour & Task

It is to realize monitor tour among each window. Please follow the steps listed below to set.



Click icon in the Settings pane, you can go to monitor tour interface. See Figure 3-73.

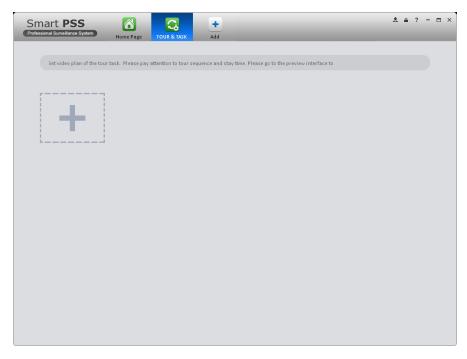


Figure 3-73



Click

button to add task interface. See Figure 3-76.

- Input task name, stay time.
- Click Click at the bottom of the

interface to select window amount.

• Drag channel(s) on the right pane to the windows on the left pane. See Figure 3-74.

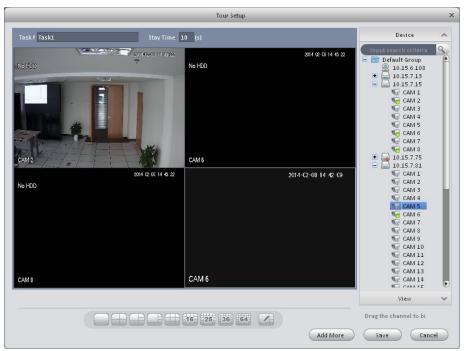


Figure 3-74

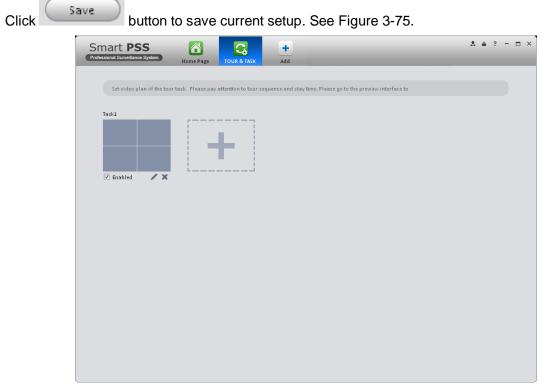


Figure 3-75

Add More to save current task setup and add more tasks at the same time. Click

In Figure 3-75, you can check the enable button to open current scheme. Or you can go to

) to go to the following interface. the main interface and then click Preview button (

See Figure 3-76. Click at the bottom of the interface to enable the scheme.



Figure 3-76

3.10 PC-NVR

Important

1)

Tips

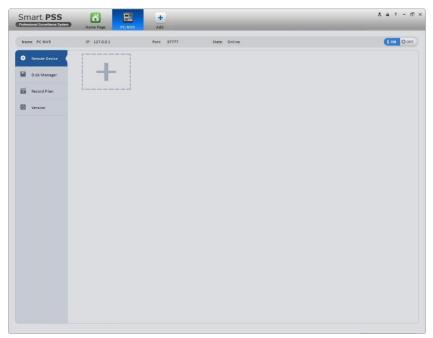
Before you use this function, please make sure you have installed PC-NVR and the PC-NVR applications are running now!

This function allows you to storage record file on the PC to effectively use wideband. You can add, modify or delete PC-NVR and set PC-NVR parameter. Please follow the steps listed below.

Click icor



in the Settings pane, you can go the PC-NVR interface. See Figure 3-77.





- 2) Remote device
- a) Click button, you can see an interface shown as in Figure 3-78. Here you can add channels.

	Add channel	×
C Default Group 17271.116 17271.73 17271.73 17271.83 17271.83	videote I ² rx ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■	
	Checked Channe 1 *Max add 16 channels. Save	Cancel

Figure 3-78

- b) Please select a device and then check the record channels
- c) Click Save button.
- 3) Disk manager
 - a) In Figure 3-77, click disk manager button on the left pane, you can go to the setup interface.

Allocate

b) You can select saved disk and then click

. See Figure 3-79.

Remote Device	Total/Free: 203.71G/202.88G Strategy: Overwrite	ſ
Disk Manager	iulai/Free.205./10/202.888 Surdiegy. Overwrite	
Record Plan	C: Status: Unallocate Allocate	
Version	Usable size: 23.27G	
	D: Status: Unallocate Usable size: 189.20G	
	E: Status: Unallocate Allocate Usable size: 216.73G	
	F: Status: Allocate Free	
	G: Status: Unallocate Usable size: 144.61G	

Figure 3-79

- 4) Add record storage plan
 - a) In Figure 3-77, click Record Plan button on the left pane. And then select a channel from

the dropdown list and then click button **. You can go to the following interface. See Figure 3-80.

_	_	_	Period Set	up	_	_	_
				Regular	MD	Alarm	MD&Alarn
Period 1	00:00:00	23:5	9:59 🗘				
Period 2	00:00:00	23:5	9:59 🛟				
Period 3	00:00:00	23:5	9:59 🗘				
Period 4	00:00:00	23:5	9:59 🗘				
Period 5	00:00:00	23:5	9:59 🛟				
Period 6	00:00:00	23:5	9:59 🛟				
- 🗌 Week	2						
Sun Sun	Mon	Tue	Wed	🔲 Thu	🔄 Fri		Sat

Figure 3-80

- b) Please set period information and type.
- c) Please set the corresponding time and then click OK button. You can see an interface shown as in Figure 3-81.

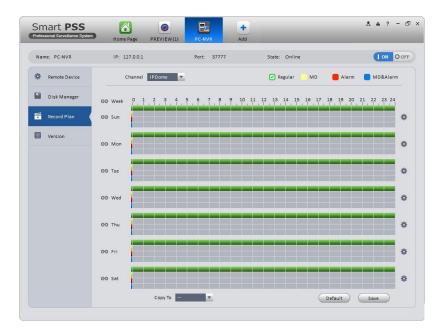


Figure 3-81

Tips

After you complete setup for one channel, you can click Copy button in Figure 3-81 to copy current setup to other channel(s).

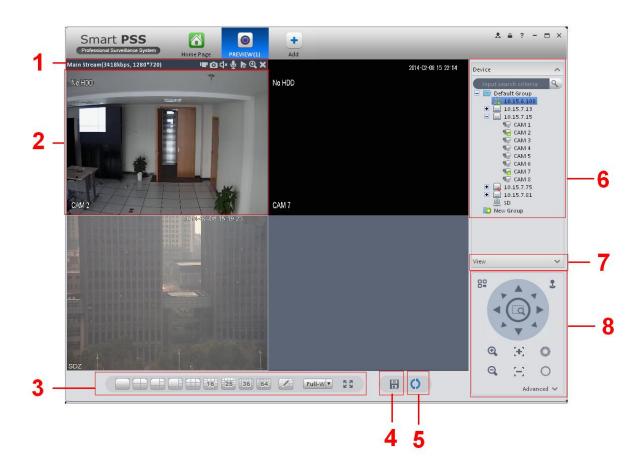
4 Basic Operation

4.1 Preview

4.1.1 Real-time Preview

After you set channel group, you can realize real-time preview, record, snap, PTZ operation and etc.

On the main interface, click in the Basic pane, you can go to the preview interface. See Figure 4-1.





Please refer to the following sheet for detailed information.

SN	ltem	Function	
1	Bit stream information and shortcut operation menu	 Please refer to the following contents for detailed information. Enable/disable local record. Snapshot. Enable/disable audio. Enable/disable bidirectional talk. Instant playback. Digital zoom Close current window. 	
2	Video window	Real-time video	
3	Window split mode	 It is to set Select a window and then click this button to custmoze its setup. Full-W : Adjust video scale. Full screen. 	
4	Save as view	It is to save current preview setup as a view. Click it , you can see an interface shown as below. See Figure 4-2. Please input a view name and then click OK button. Save View × View Name View Name Reference of the setup of the setup. Setup of the setup of the setup of the setup. Setup of the setup of the setup of the setup. Setup of the setup of the setup of the setup. Setup of the setup of the setup of the setup. Setup of the setup of t	
5	Enable tour	It is to enable a tour task. Before you use this function please go to chapter 3.9 to add a tour task first.	
6	Device list	Display device group and the corresponding channel. Here you can create a new group and drag a device to it. Right click a channel, you can select main stream/sub stream or quickly go to the device setup interface.	

SN	ltem	Function			
		After you click button to save a view (Button 4 in Figure 4-1), you can click this button and then select a name to qucikly go to your favorite preview setup.See Figure 4-3.			
7	View	Device 🗸			
1	View	View ^			
		View1			
		Figure 4-3			
		It is for PTZ dome camera or fisheye camera series product only.			
8	PTZ	Here you can set camera direction, zoom in, zoom out, iris and etc.			
		Click advanced button to set preset, tour, aux function and so on.			

Select a preview window, double click a device channel on the right pane to open the video. Double click a group name; you can open all channels under current group. Right click device channel, you can switch between main stream/extra stream.

Right click preview window, you can see an interface shown as in Figure 4-4.

×	Close Video
	Close All Video
4 ×	Start Audio
⊻	Start Talk
	Start Record
ø	5napshot
	Triple Snapshot
b	Start Instant Playback
	Playback
•	Fisheye Installation Mode
	Fisheye View
	Window Scale
	Stream Type
	Quality/Fluency
	Adjust
	Channel Setup
	Full Screen

Figure 4-4

Please refer to the following sheet for detailed information.

Item	Function
Close video	Click it to close current window.
Close all video	Click it to close all windows.
Start audio	Click it to enable audio function.
Start talk	Click it to enable bidirectional talk function.
Start record	Save audio/video of current window to a record file.
Snapshot	Snapshot current window. Click it once to save one picture.
Triple Snapshot	Snapshot current window. Click it once to save three pictures by default.
Start instant playback	It is to enable instant playback in current window.
Playback	Click it to go to the playback interface to playback record of current window.
Fisheye installation mode	It is to adjust fisheye installation mode. It includes: ceiling mount, wall mount and ground mount.
Fisheye view	It is to adjust fisheye view mode.
Window scale	It is to adjust window scale.
Stream type	Switch between main stream/sub stream
Quality/Fluency	You can select between video and fluency.
Adjust	Set video brightness, contrast, hue and saturation.
Channel setup	Click it to go to the channel setup interface (chapter 3.6).
Full-screen	Click it to switch to full screen mode. You can double click video window or right click mouse and then select exit full screen to exit.

4.1.2 Record

During the preview process, you can follow the steps listed below to record.

On the preview interface, right click mouse and then select record button.

Or you can click the button **u** at the top of the video window to record.

The icon becomes **W** when device is recording.

You can right click mouse to select stop record or click the **I** at the top of the video window to stop record.

The default record save path is SmartPSS/Record. Here you can go to chapter 3.3 General and then select file setup icon to modify record save path.

4.1.3 Snapshot

During the preview process, you can follow the steps listed below to snapshot.

1) On the preview window, right click mouse and then select snapshot. You can see system pops up snapshot dialogue box. See Figure 4-5.

Tips

You can also click at the top of the video window to snapshot.



Figure 4-5

- 2) Please select corresponding parameter from the snapshot reason dropdown list and then input the information in the Remarks column.
- 3) Click save button, you can see system prompts "Successfully snapshot".

On the Preview window, right click mouse and then click Triple snapshot, you can snap three pictures at one time. You can see the corresponding dialogue box if the snapshot succeeds. The default picture save path is SmartPSS/capture. Here you can go to chapter 3.3 General and then select file setup icon to modify picture save path.

4.1.4 PTZ

If the device type is PTZ dome camera or fisheye camera, you can click the PTZ button to set. See Figure 4-6.



Figure 4-6

Please refer to the following sheet for detailed information.

Item	Function			
PTZ menu	Click to go to the PTZ menu. See Figure 4-7.			
Direction buttons	Figure 4-7 It is to set PTZ movement direction. There are total 8 directions. Top/bottom/left/right/top left/top right/bottom left/bottom right.			
Mouse simulator	Click , you can use your mouse to set PTZ movement direction.			
3D positioning	It allows you to zoom in or zoom out the specified zone. Please note, you can only use mouse to control.			
Step	It is to control PTZ movement speed. It supports value 1 to value 8.			
Zoom	It is to control speed dome to realize zoom function.			
Focus	It is to adjust video definition.			
Iris	It is to adjust brightness.			
Preset	There are 128 presets by default. You can set camera to a specified preset. Use direction keys to move the camera to your desired location and then input preset value. Click Set button, you have set one preset.			
Tour	This function allows the camera to move between several presets.			
Auto rotate	It is to enable auto rotate function.			
Aux 1	It is to set aux positioning.			
Scan	It is to set two limits so that the camera can move back and forth.			
Pattern	The camera can memorize dome operation such as pan, tilt, and zoom to repeat.			

This function allows you to set camera to a specified position.

Preset setup

Please note system supports 128 presets by default.

- 1) In Figure 4-6, use direction keys to move the camera to your desired location.
- 2) Select Preset from the dropdown list and then select a preset number (1-128) from the

dropdown list. Click 🖶 to save current setup. Now you can see an interface shown as in Figure 4-8.



Figure 4-8

Call preset

In Figure 4-6, select Preset from the dropdown list. Select a value from the dropdown list and

then click Goto button 💡 , you can call a preset.

4.1.4.2 Tour

This function allows camera to go between several presets.

Important

Before you use this function, please set at least two presets.

Tour setup

- 1) In Figure 4-6, select Tour from the dropdown list and then click 🛨 button.
- 2) System pops up the following dialogue box. See Figure 4-9.

		I	our l	List			×
				_			
Tour No				Tour			_
No.	Name			No.	Stay Time		
New	Modify	Delete				Quit	



3) Click New button, you can see the following interface. See Figure 4-10.

- 4) Input tour number/tour name/stay time and then select preset number from the dropdown list.
- 5) Click Add button to add one preset to the tour. Select another preset number from the dropdown list and then click Add button again to add more preset to the tour.
- 6) Click OK button to complete the tour setup.

New Tour	×
Tour Set	
Tour No. Tour Name	
Tour	
Preset 1 Stay Time(s)	
Add Modify Delete	
No. Stay Time	
	=
OK Qui	t



Now you can see an interface shown as in Figure 4-11.

_		т	our List		>
Tour N	Vo.		Tour		
No.	Name		No.	Stay Time	
1	5		1	10	
			2	10	
Ne	ew Modify	Delete			Quit

Figure 4-11

Click Quit button to exit.

Call tour

In Figure 4-6, select tour from the dropdown list. Select corresponding tour value from the

dropdown list and then click 오 button, you can call it.

4.2 Playback

After you recorded a file, you can go to this interface to playback.

On the main interface, click

in the Basic pane, you can go to the playback interface. See

Figure 4-12.



Figure 4-12

4.2.1 Playback Device Record

Please follow the steps listed below to search the record you want and then playback.

- 1) In Figure 4-12, click Device button on the right pane.
- 2) Check a channel (or some channels) on the device list on the top right pane.
- 3) Select record type, stream type and record start time and end time.
- 4) Click Search

5)

I on the left bottom to search. You can see corresponding

date is green if there is a record on current data. You can see the corresponding dialogue box if there is no record.



to playback window. See Figure 4-13.

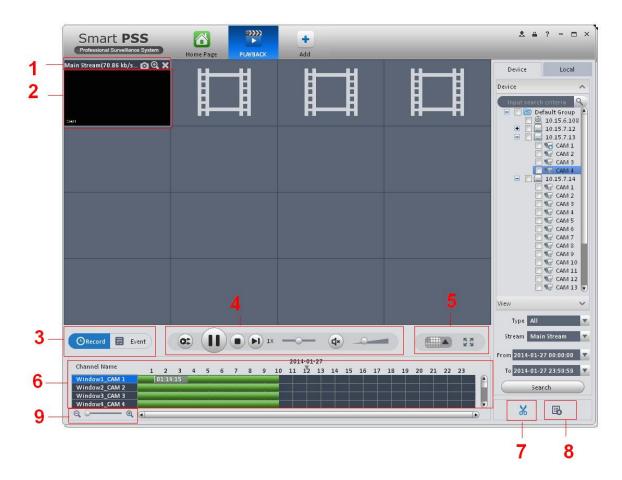


Figure 4-13

Please refer to the following sheet for detailed information.

SN	ltem	Function
1	Shortcut operation column	There are shortcut operations to download record file and snapshot. • • • • • • • • • • • • • • • • • • •
2	Playback window	Playback record
3	Mode	There are two playback mode: by time/by event.

SN	Item	Function
4	Playback tool bar	 It is to control the playback process, audio and etc: It is to control the playback process, audio and etc: It is enabled, the operation button. When this function is enabled, the operation of the playback bar is for all windows. When it is in for current selected window only. It is to switch playback and pause. It is to switch playback and pause. It is to playback. Forward. It is to control the playback speed. It is to adjust volume.
5	Window display mode setup	It is to set window split mode. The value ranges from 1- window to 36-window. • Select a window and then click this button to realize customized setup. • Full screen.
6	Playback process bar	It is the playback time line.
7	Time clip	It is to edit the time line to download the specified records.
8	Download process	It is to download the records of the specified period.
9	Time bar control	It is to zoom in /zoom out time line.

4.2.2 Playback Local Record

Please follow the steps listed below to search the record you want and then playback.

- 6) In Figure 4-12, click Local button on the right pane.
- 7) Check a channel (or some channels) on the device list on the top right pane.
- 8) Select record type, stream type and record start time and end time.
- 9) Click Search on the left bottom to se

on the left bottom to search. You can see corresponding

date is green if there is a record on current data. You can see the corresponding dialogue box if there is no record.



10) Now you click to playback window. See Figure 4-14.

	Smart PSS		+				.≜. ?	- 🗆 ×
	Professional Surveillance System	Home Page PL	AYBACK Add					
1—	(63.32 kb/s, 1280*720)			2014-01-	27 U7:43:53	n@ X	Device Input search cr Defau	llt Group 0.15.6.108
2 —	12							0.15.7.12 0.15.7.13 0.15.7.14 0.15.7.15 0.15.7.75
	00:00:03 / 00:00:29			0				
3 –			▶ ▲ 1X -	- 🕘 -		∧ Up	Record (
	File Name	Start Time 🛛 🔻	End Time	Device Name	Channel Name	File Length(MB)	From 2014-01-27	
	1 2014-01-27-08-37-5	2014-01-27 08:37:53	2014-01-27 08:38:22	10.15.7.12	12	0.22		
							Search	
								₿
	•							
							4	5

Figure 4-14

Please refer to the following sheet for detailed information.

SN	ltem	Function
1	Shortcut operation column	 There are shortcut operations to download record file and snapshot. Snapshot. Snapshot. Zoom in window Close current window.
2	Playback window	Playback record

SN	ltem	Function
3	Playback tool bar	 It is to control the playback process, audio and etc: Window sync operation button. When this function is enabled, the operation of the playback bar is for all windows. When it is in for current selected window only. It is to switch playback and pause. It is to switch playback and pause. Forward. Forward. It is to control the playback speed. It is to adjust volume.
4	Download manager	Check the playback records and then download.
5	Download process	It is to download the records of the specified period.

4.2.3 Download

There are three ways for you to select download records.

- In Figure 4-13 (Device record interface), select periods on the time line and then click to download records.
- In Figure 4-13 (Device record interface), select record type and then click to download records.
- In Figure 4-14, check the records first and then click 🔲 to donwload records.

You can see the download interface is shown as in Figure 4-15. Select the corresponding download path and then click OK button to download.

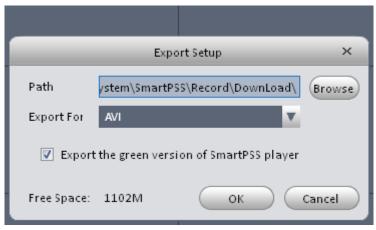


Figure 4-15

4.3 Alarm Manager

If you have set an alarm scheme, you can see the corresponding alarm in the Alarm manager interface. You can refer to chapter 3.7.1 to set an alarm scheme first.

Click icon

in the basic pane, you can go to Alarm manager interface. See Figure 4-16.

	art PSS				۲	+	-	. ≞ ? - ⊡
Professio	nal Surveillance Syste	Home Page	ALARM MGR	PLAYBACK	PREVIEW(2)	Add		_
Pending	/Processed	3 0			🕅 Disp	lay Link Video 📃	Display Overlay Window	Pause Refres
SN	State	Alarm Type	Time		Device	Channel	Alarm Level	
3	Pending		2014-01-27 08	8:37:52	10.15.7.12	CAM 4	1	
2	Pending		2014-01-27 08	8:37:52	10.15.7.12	CAM 3	1	
1	Pending		2014-01-27 08	8:37:52	10.15.7.12	12	1	



If you have set alarm activation video function in your alarm scheme setup (chapter 3.7), you can see system pops up video window when a corresponding alarm occurs. See Figure 4-17. If you check the box at the bottom of the interface to pause refresh, the new alarm activation video will not overwrite current one. Click Alarm Manager at the right bottom of the interface, system goes to the alarm manager interface for you to view the corresponding alarm record.

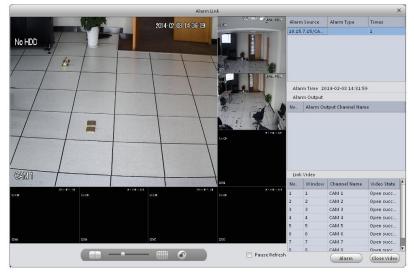


Figure 4-17

4.4 Log

Log interface is shown as in Figure 4-18.

Select start time/end time, and select type from the dropdown list. Click Search button, you can see the log information.

Image User Name Event Type Device Name Channel Name Remarks 2014-02-08 09:30:36 admin User Login Image Image<	0	Device Log Type	System Log		All	V		Search
2014-02-08 09:38:36 admin User Login Image: Comparison of the co	Backu							
2014-02-08 10:08:51 admin User Login 2014-02-08 10:36:35 admin User Login 2014-02-08 10:58:46 admin User Login 2014-02-08 11:53:24 admin User Login	SN .				Device Name	Channel Name	Remarks	
2014-02-08 10:36:35 admin User Logout 2014-02-08 11:53:24 admin User Logout								
2014-02-08 10:58:46 admin User Login 2014-02-08 11:53:24 admin User Logout								
2014-02-08 11:53:24 admin User Logout								
		2014-02-08 10:58:46	admin	User Login				
2014-02-08 13:41:23 admin User Login		2014-02-08 11:53:24	admin	User Logout				
		2014-02-08 13:41:23	admin	User Login				
	i	2014-02-08 13:41:23	admin	User Login				

Figure 4-18

5 Extension

5.1 TV Wall

After you set TV wall setup (chapter 3.8), you can output video to the TV wall. You can follow the steps listed below to set.

1) Click icon en on the main interface, you can go to the following interface. See Figure 5-1.



Figure 5-1

- 2) Select corresponding TV wall from the screen information dropdown list. You can check to select real-time mode if necessary. Once you enable real-time mode, system automatically output the video to the TV wall after you complete the setup. Otherwise, it does not output the video to the TV wall.
- 3) Drag the channel on the right pane to the corresponding screen and then binding.

Tips

Select one screen and then use the process bar

you can set

four modes: 1/4/9/16-window. You can see the corresponding dialogue box, if current screen does not support the mode you set here.

- 4) Click save as task button, you can see system pops up a dialogue box for you to input task name.
- 5) Please input task name and click Save button.
- 6) Click Output video.

Please note:

- You can select TV wall task from the task name dropdown list and then click the Output video button to view the video.
- Click task manager, you can view current task status. Or you can select one task and click or it to modify or delete current task.

5.2 E-map

Click icon whe main interface, you can go to the e-map interface. You can view the

device on the e-map. On the view map interface, you can zoom e-map or open video, but you can not edit it. On the Edit e-map interface, you can edit e-map, add camera and etc.

5.2.1 Add E-map

If it is your first time to use e-map, you can see an interface shown as below. See Figure 5-2.



Figure 5-2

Click Add map button, the interface is shown as in Figure 5-3.

Please input e-map name and then select e-map picture. You can input some reference information if necessary.

Add Map	×
Name:	
Picture:	File
Describe:	
	Save Cancel

Figure 5-3

After you added an e-map, the interface is shown as below. See Figure 5-4.



Figure 5-4

5.2.2 Edit E-map

Click Edit , you can go to the following interface. See Figure 5-5.Click Tools, you can edit emap, delete e-map, delete device, add area, modify area, delete area and etc. Drag a channel on the right pane to the e-map; you can add it to the e-map.

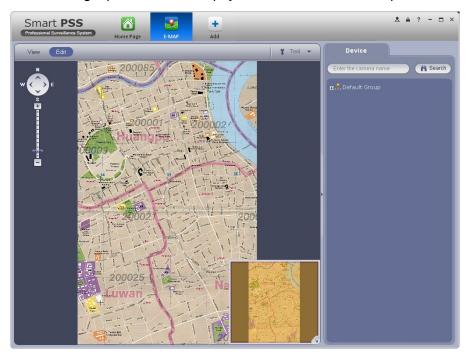


Figure 5-5

Click **Tool** button, you can see a function bar shown as below. See Figure 5-6.



Figure 5-6

Please refer to the following sheet for detailed information.

ltem	Function
Modify e-map	It is for you to change e-map name, picture, description
Delete e-map	Delete current e-map.
Delete device	Delete a device from the e-map.
Add area	Add hot zone on the e-map.
Modify area	Change hot zone map name, picture and description.
Delete area	Delete corresponding hot zone.

5.2.3 Preview E-map

After you edited the e-map, you can click View button to preview. Buttons at the left top of the interface can zoom in, zoom out or move e-map. Double click a camera on the e-map, you can view video. See Figure 5-7.



Figure 5-7

5.3 Device Display&Control

The device type supports NVR6000 series product only. Here is for you to set split mode and display channel.



Click icon you can go to the following interface. Drag a channel on the right pane to the

window to bind.

Click the window display mode setup button at the bottom of the interface; you can see the 128channel of the NVR6000. In Figure 5-8, you can view the 4-split mode. You can click channel range to select corresponding channel.

001_004041_044081_084121_124005_008045_048085_088125_128009_012049_052089_0921013_016053_056093_096017_020057_060097_1001021_024061_064101_104025_028065_068105_1081029_032069_072109_112033_036073_076113_1161037_040077_080117_120



Move the mouse to a window, click *with the set and th*

Click X to cancel binding. Or you can right click mouse to cancel binding or change bit stream type.

Note:

- This manual is for reference only. Slight difference may be found in the user interface.
- All the designs and software here are subject to change without prior written notice.
- All trademarks and registered trademarks are the properties of their respective owners.
- If there is any uncertainty or controversy, please refer to the final explanation of us.
- Please visit our website or contact your local service engineer for more information.