Client Software-4000(V2.00.02) User Manual

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Chapter 1 Welcome to Client Software-4000 (V2.0)

1.1 Overview

Client software-4000(V2.0) is the application specially developed for embedded DVR. It is applicable to DVR, DVS, IP Camera, and IP Dome.

There may be technical inaccuracies, or typographical errors in the manual. The contents including description of products and program will be updated without notice.

1

1.2 Computer Disposition Request

Operating System: Microsoft Windows 2000, XP, 2003, Vista CPU: Intel Pentium IV 2.4 GHz or models above RAM: 1G or above Display: 1024×768 resolution or above

1.3 Convention

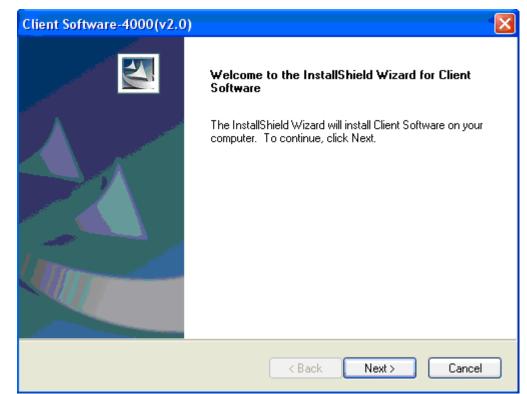
Conventions as follows in this manual:

- DVR, DVS, IP Camera and IP Dome are all referred to as device
- Click refers to left click mouse
- Double click refers to double left click mouse

Chapter 2 Install & Uninstall

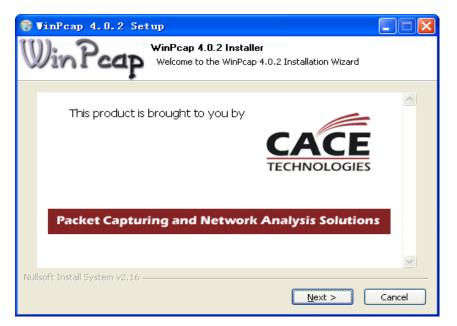
2.1 Install the Software

Double click the software and you will see the wizard shown as below:



Click "Next" to continue, and input the user information, software installed location according to the hints.

After that, a SADP installation wizard will pop up; click "Next" to start to install WinPcap, shown as below. If it is already installed, the installation can be canceled.



Note: SADP is used as the on-line device finder; this function is unavailable if the WinPcap is not installed.

2.2 Uninstall Software

Enter start menu, select "All programs" \rightarrow "Client Software-4000(v2.0)" \rightarrow "Uninstall Client Software", and the dialog box shown as below will pop up:

Client Software - InstallShield Wizard				
Do you want to completely remove the selected application and all of its features?				
Yes No				

3

Click "Yes" and start to uninstall the software, the un-installation will finish after the computer restarted.

Chapter 3 Basic Operations

3.1 Run & Login

Path: "Start"→"All Programs"→"Client software-4000(v2.0)"→" Client software-4000(v2.0)"

3.1.1 Used for the first time

User needs to register an administrator if the client software is used for the first time, shown as below:

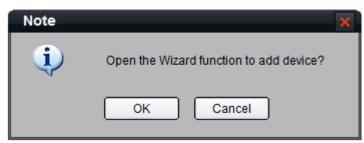
Register administator 🛛 🗙
Please create an administator for login!
User name:
Password:
Verification:
OK Cancel

Input the user name and password and click "Register", then user can login as the administrator.

Note: Enter, Space, TAB is invalid in the user name and password. The password cannot be null, and should not contain the following characters, including "%" and """. Password should not be less than six and does not support the copy and paste.

3.1.2 Add Device Wizard

After registered super user and logged in, the note of start wizard will pop up, shown as figure below:



Click "OK" to start the wizard and add the device, click "Cancel" to exit the wizard.

1st step: According to the hint, click **Setup** to enter adding device interface.

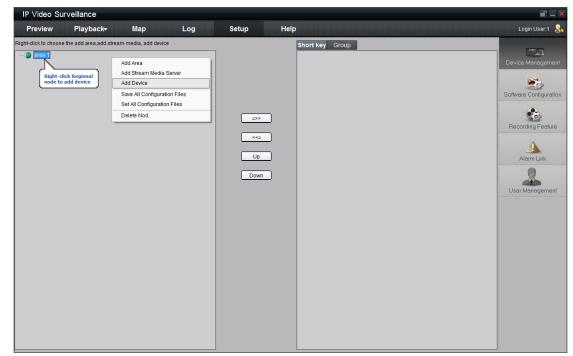
IP Video Su	rveillance						m - ×
Preview	Playback .	Мар	Log	Setup	Help		Login User:1 🔬
List Grou	ıp				Sof	tware Preview	
				Click Configure button to add o	levice		
9. 2	S						
	1						
F A Y	<u>未</u> 株						
	00						
	0 0						
€ 3D Position Lig							
Time					Alarm E	vents	

2nd step: According to the hint, right click to add device.

IP Video Surveillance		∎ ^ – ×
Preview Playback - Map I	.og Setup Help	Login User:1 🔬
Preview Playback- Map Right-click to choose the add area, add stream media, add device	og Setup Help Short key Group ⇒> ≪<= Up Down	Login User 1

Input a name in the blank of Area Name; click "OK" to save the area.

Add Area	
Area Information ——	
Area Name	
Upper Area Name	
	OK Cancel



 $\mathbf{3}^{\mathrm{rd}}\!\!:$ According to the hint, right click the area name to add the device.

Input device information in the blank of Area device. Find more @ 4.1.1 Add device.

Add Device			
- Device Information -			
Device Name		Register Mode	Normal IP 🔹
Device IP		Port	8000
Username		Password	
Channel No.	16	Multicast	
DNS Address		Belong to area	area 1
Device serial			
Online Device]		OK Cancel

3.1.3 User Login

Click

After the administrator registered, when user open the client software, the login dialog box will pop up, shown as below:

Input user name and password, then click "Login" to start using the client software.

🚨 User 📔 💌	
]
😕 Password:	1
C Automatic Login	
Modify Login Quit	

Automatic Login to auto save the user name and password, user does not need to input them when

logged in next time.

If user wants to change password, please select a user name and click "Modify".

If the user name or password is incorrect, the dialog box will pop up, shown as below:



If user wants to cancel login, please press "Quit".

Note: Please stop all the operations (e.g. preview, recording, playback and etc.) before switching the users.

3.2 GUI Introduction

There are 6 areas of Client software GUI, shown as below:

IP Video Surveillance				1	<u> </u>
Preview Playback -	Map Log	Setup H	lelp	2	Login User:1 🔬
List Group			Software Preview		
3					
· · · ·					
۵ 🗞 🕂 🖺					
ア A イ ま 耕					
< LA X 5 T T					
• • Ø					
3D Position Light Wiper					
Time			Alarm Events		-60
Time		6	Alarm Events		

Area	Description	Area	Description
0	System Area	0	Menu Area
6	Device Area	Ð	Preview Area
6	PTZ Control Area	6	Alarm Info Area

System Area:

Button Description	
--------------------	--

?	Help button, click to show Help (user manual) and About (Edition Info)
đ	Lock button, click to lock the interface, mouse status shown as ³ , re-click to activate login window, and input the correct password to unlock the interface.
	Minimize button
×	Exit button

Minimize the client software and right click the icon "Car" on the taskbar, then you'll see the popup menu including software/hardware preview, setup, remote VOD, local playback, map, log and exit to choose from.

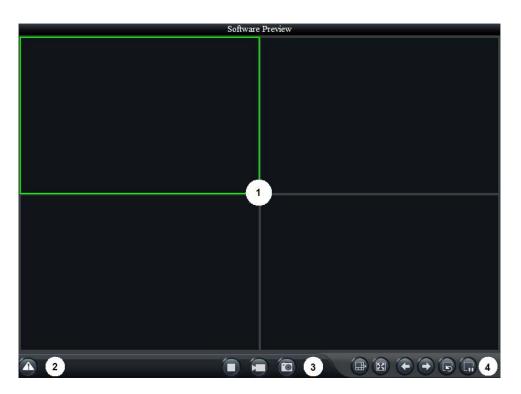
Menu Area:

Area	Description
Preview	Enter preview interface (If the decoding card is installed in PC, then enter the software
Preview	or hardware decoding interface)
Setup	Enter configure interface
Playback	Enter playback interface, including remote VOD and local playback
Log	Enter log query interface
Мар	Enter e-map interface
Help	Enter help (user manual) and about (software info)

Device Area:

Mode	Description	
List	Display by list	
Group	Display by group	

Preview Area:



Area	Description	Area	Description
0	Display windows	0	Alarm indicator
6	Basic function	Ø	Advanced function

PTZ Control Area:

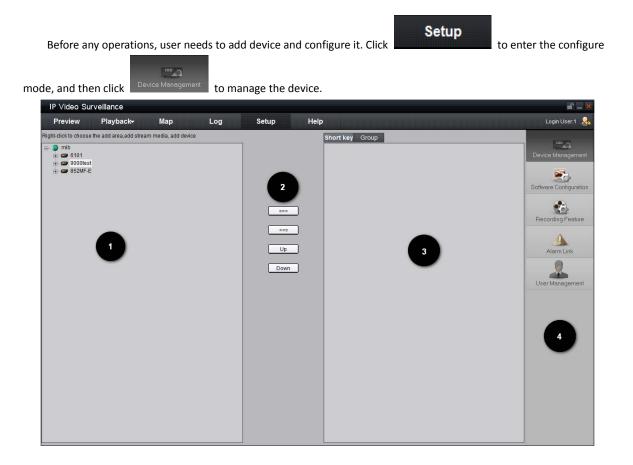
lcon	Options	Description	
-2	PTZ	Control PTZ	
9.	Presets	Configure and call the preset	
5	Sequence	Configure and call the sequence	
	Video	Brightness, contrast, saturation, hue and volume adjustment	

Alarm Info Area:

Display alarm time, information and alarm sign. The area size can be enlarged by dragging the upside of the area.

You can fix the area size by clicking icon " Too" and turns to " , after it returns to " Too", the area size will resume to original size.

Chapter 4 Device Management



Area	Description	Area	Description
0	List Area	0	Configuration Buttons
6	Group/Short key Area	Ð	Navigation Bar

4.1 List Configuration

The list area is empty when the client software runs for the first time, right click in this area you can choose to add area.

	Add Area
Add Area	Area Information
Add Stream Media Server	Area Name
Add Device	Upper Area Name
Remote Configuration	
Delete Nod	OK Cancel

Input a name in the blank of Area Name; if there is no upper area, the blank of Upper Area Name is not enabled.

After area added, right click the area name and the sub-menu will pop up, shown as figure below. Select "Add Area", you can add sub area, select "Delete Nod", you can delete the area.

- 🖂 🗖	Ih
	Add Area
÷ 📼	Add Stream Media Server
÷ 🚾	Add Device
	Save All Configuration Files
	Set All Configuration Files
	Delete Nod

Note: Enter, Space, TAB is invalid in the area name, which cannot be null, and should not contain the following characters, including "%" and "".

Note: User can max add 50 areas here.

🙏 Note: When the option "Delete Nod" selected, the sub areas, stream media servers, and devices under the

root of this area will be deleted as well. Before that, you need to stop preview or record, otherwise there will be warning information popping up.

4.1.1 Add Device

Right click the area and select "Add
Device"; the sub menu will pop up.
You can also add PCDVR here in the
same way with other devices.

Modify Device information						
- Device Information -	- Device Information					
Device Name	852MF-E	Register Mode	Normal IP 🔹			
Device IP	172 . 8 . 114 . 111	Port	8000			
Username	admin	Password	*****			
Channel No.	1	Multicast	0.0.0.0			
DNS Address	0.0.0.0	Belong to area	mlb			
Device serial DS2CD852MF-E0020080926BCWR200091083WC						
Online Device OK Cancel						

Options	Description
Device Name	User-defined
Register Mode	Normal IP, Private Domain, Normal Domain
Device IP	IP address of the device
User Name	User name of the device (default: admin)
Password	Password of the device (default: 12345)
Channel No.	The channel number of the device
Port	Device port (default: 8000)

Multicast Address	Used when visiting the device by the way of multicast, or else leave it blank
DNS Address	IP address of IP server when adopting private domain, or else leave it blank
Device serial No.	Used when adopting private domain, or else leave it blank

Note: When adopting private domain, if you input device serial number, which can be used for obtaining the IP address from IP server; If not, the IP address can be obtained by device name from IP server, i.e. in that case, the device name that input here should be the same with the one in the device.

If you select normal domain, please filling the blank of domain name with the registered domain name.

Modify Device	information		
- Device Information -			
Device Name	852MF-E	Register Mode	Normal Domain 🔹
Domain Name	abc,vicp.net	Port	8000
Username	admin	Password	****
Channel No.	1	Multicast	0.0.0.0
DNS Address	0.0.0.0	Belong to area	mlb
Device serial	DS2CD852MF-E00200809	26BCWR20009108	3WC
Online Device]		OK Cancel

Private domain: If the device is configured with the address of IP Server that runs normally, then the connected device can be resolved by IP Server; and client software can get the dynamic IP address from IP Server by server name or serial number.

If you select private domain, please input the correct device serial number and IP address of IP server in the DNS Address blank.

Modify Device	information		
Device Information			
Device Name	852MF-E	Register Mode	Private Domain
Device IP		Port	8000
Username	admin	Password	****
Channel No.	1	Multicast	0.0.0.0
DNS Address	0.0.0.0	Belong to area	mlb
Device serial	DS2CD852MF-E00200809	26BCWR20009108	3WC
Online Device			OK Cancel

Click OK to finish adding device. Right-click menu is available, double click the node can modify the device parameters.

Right-click to choose the add area,add stream media, add device
🚊 መ 6101
🔤 🧐 Channel 01
吏 🚥 9000test
Channel 01



Note: 50 devices can be added here at most.

4.1.2 Channel Configuration

Click "Get Channel Name" to get the names of all channels.

Right-click to c	hoose the add area,add stream	media, add device
	01 Get Channel Name Save Configuration File Set Configuration File Remote Configuration Delete Nod	

Ups: Main stream is for device encoding; sub stream is for network transmission.

Double click the channel name and the "Modify Channel Information" dialog box will pop up.

Modify Chanr	el Information		
Channel Information	on		
Channel Name	Channel 01	Channel	1
Device Name	ATM-DVR	IP Address	172.8.114.11
Protocol	TCP	Stream Type	Main Stream 💌
		OK	Cancel

Channel Name	Current channel name that can be changed.	
Channel	Channel number of the device, unchangeable	
Device Name	Device name that unchangeable	
IP Address	Device IP address that unchangeable	
Protocol	Select connection protocol: TCP, UTP, MCAST and RTP.	
Stream Type	Choose main or sub stream for the channel	

1 Note: The channel name will be replaced with the name saved in the device, if the option "Get channel name"

is selected.

4.1.3 Channel Configuration of 9000 series DVR

If the 9000 series DVR is added to client software, then the IP channel management and enable or disable analog channel functions are available.

Right click the device name and select "Remote Configuration", then the "Channel Configure" menu will pop up. The "Analog Camera" will show by default.

Double click the selected analog channel to enable or disable it.

Note: 9000 series DVR can not

preview and record this channel after it is disabled, unless it is enabled again.

Click "IP camera" to enter the interface of IP channel management.

Click "Add" to add IP channel.
Input the IP address, user name,
password and port, and then click "OK".

Double click the selected channel to modify the parameters.

Click "Delete" to delete the selected channel.

Channel no.	IP address	Port	Enable or not	
Å1	Lable		Yes	
A2	Lable		Yes	
A3	Lable		Yes	
A4	Lable		Yes	
A5	Lable		Yes	
A6	Lable		Yes	
A7	Lable		Yes	
A8	Lable		Yes	
A9	Lable		Yes	
A10	Lable		Yes	
A11	Lable		Yes	
A12	Lable		Yes	
A13	Lable		Yes	
A14	Lable		Yes	
A15	Lable		Yes	
A16	Lable		Yes	

IPCamera Parameter

IPChannel no.:	D2
IP address:	172 . 1 . 5 . 88
Port:	8000
Vser name:	admin
Password:	****
Channel:	1
	OK Cancel

Channel Configuration

			Add Modi	
Channel no.	IP address	Port	Device Chann	Online Status
D1	172.8.114.111	8000	1	Online
D2	172.1.5.88	8000	1	Offline

After that, you can change the channel number according to the added channels. Double click the device name to modify the device information.

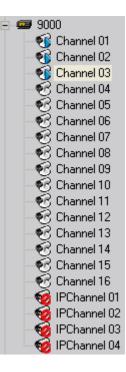
Modify Device	information		
Device Information			
Device Name	9000test	Register Mode	Normal IP 💌
Device IP	122 . 224 . 216 . 148	Port	8123
Username	admin	Password	****
Channel No.	17	Multicast	0.0.0.0
DNS Address	0.0.0.0	Belong to area	mlb
Device serial	DS-9016HFI-S162009021	BBRRWCVU	
Online Device			OK Cancel

Note: 9000 series DVR max supports adding 16 analog channels, 8-ch IP Camera, please refer to the user manual of DS-9016HFI-S for more details.

After that, the added IP channel will be seen in the channel list of the device.

If IP channel cannot be connected, the icon will be shown as





4.1.4 Add Stream Media Server

Adding stream media server can solve the network confined problem and reduce the bandwidth stress.

Right click the device name and select "Add Stream Media Server". Input the IP address and Port (default 554) of server, then press "OK".

Add Stream Media	Server	
Stream Media Server —		
IP Address of Stream	172 . 8 . 114 . 11 Port	554
Belong to Area	center	
	ОК	Cancel

Note: If the channel is being previewed or recorded, the settings will become effective after preview and recording restarted.

Double click the server to modify the parameters. Right click the server and select "Delete Nod" to delete server.



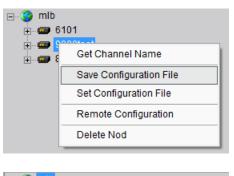
Note: No more than one stream media server can be added to one area, however, of which stream media server can be added in sub area.

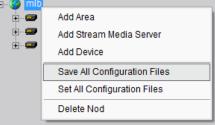
4.1.5 Import & Export Configuration Files

Right click the device name and the sub menu will pop up.

Click "Save Configuration File" to export configuration file and "Set Configuration File" to import configuration file.

Right click area name and select "Save All Configuration File" to export all configuration files, and "Set All Configuration File" to import all configuration files.





4.2 Group Configuration



button to enter group area management window.

4.2.1 Group

There is the default group. You can add channels in it or delete it.



Right click in the empty area and you will see sub menu as shown on the right. Select "Add Group".

Short key Group
Default Group
Add Group
Delete Group

Add Gro	up
Group Infor	mation
Group	Group1
(OK Cancel

Modify	Group
Group Info	rmation
Group	Group1
(OK Cancel

Input the group name and click "OK".

Double click the group name to change the group name. Right click the group name and select "Delete Group" to delete the selected group.

Note: Enter, Space, TAB is invalid in the group name, which cannot be null, and should not contain the following characters, including "%" and "".

4.2.2 Channel

After adding the group, the channels in the list area can be moved to selected group.

Select the channel from the list area, and click

key and move it to the selected group. The type of

channel name in the group area is as "device name_channel name of the list area".

Right-click to choose the add area,add stream media, add device	Short key Group
■ ● 6101 ■ ● 6101 ■ ● 9000test ● ○ Channel 01 ● ○ Channel 02 ● ○ Channel 03 ● ○ Channel 04 ● ○ Channel 05 ● ○ Channel 05 ● ○ Channel 08 ● ○ Channel 10 ● ○ Channel 11 ● ○ Channel 12 ● ○ Channel 13	Default Group Group1 Goodest_Channel 01 Southest_Channel 03 Southest_Channel 13 Southest_Channel 13 Southest_Channel 13

=>>

Select the device in the list area and click \Longrightarrow key and all the channels of the device can be moved to the

selected group.

⊡ 😳 mib ⊟ 🛥 6101 □ 🗠 🧐 Channel 01	Short key Group ☐ Default Group ☐ Group1 ↓ ←S 6101 Channel 01
••••••••••••••••••••••••••••••••••••	9000test_Channel 01 9000test_Channel 03 9000test_Channel 13 9000test_Channel 01 9000test_Channel 02 9000test_Channel 03 9000test_Channel 04 9000test_Channel 05 9000test_Channel 06 9000test_Channel 07 9000test_Channel 08 9000test_Channel 10 9000test_Channel 10 9000test_Channel 11 9000test_Channel 12 9000test_Channel 13 9000test_Channel 14 9000test_Channel 15 9000test_Channel 16 9000test_Channel 16
Using Up and Down keys to adjust the Using <<= key to delete the channel or group in the g	channel sequence in the group list.

Note: One channel can be added to one group for only once. Different groups can contain the same channel. Max 50 channels can be added to one group.

4.3 Short Key Configuration

Click Short key button to enter short key management window. Only the channels can be added to the short

key area.

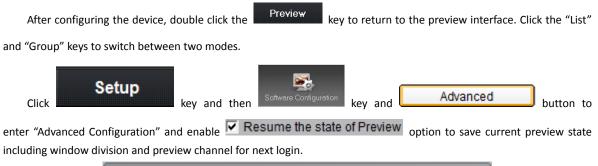
Select the channel from the list area, and click \Longrightarrow key and move it to the short key area. The type of

channel name in the group area is as "device name_channel name of the list area".

Select the device from the list area, and click =>> key to add all the channels of the device to the short key area.

Using key to delete the channel in the short key area

Chapter 5 Preview



Startup Config
☐ Start software with the system 🔽 Automatic Login
Resume the state of Preview

Play windows are divided into 2×2 mode, max support 64 window divisions.

IP Video Surveillance				
Preview Playback -	Map Log	Setup Help		Login User:1 🔬
List Group		Softw	are Preview	
mib m c m c mib m				
+				
⊕ Ø 3D Position Light		\bigcirc	(a)	
Time		Alarm Eve	nto	-40
- Time		Alarm Eve	nts	

Preview Panel Buttons Descriptions:

Area	Description	Area	Description
	Play		Record
	Capture	(ff)	Window division
	Multi-screen		Previous/Next page
	Resume cycling all the device	C	Stop cycling all the device

Note: The window division and channel sequence can be remembered by the Client Software as exited, and will play automatically after login next time.

5.1 Non-cycle Preview

5.1.1 Play by Node

Double click the device name or drag it to the play window to preview (not enable cycle preview)

Double click the channel name to preview the corresponding cameras

Double click the device name to preview the corresponding cameras of the device in the current window divisions.

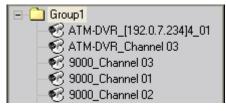
Double click the group name to preview the corresponding cameras of the group in the current window divisions.

You can also preview them by dragging them to the play windows.

The play window shows as the figure on the right.









5.1.2 Short Key Preview

If the short key has been configured, then press "Play" key of the preview interface to view all the corresponding channels in the short key area in the current window divisions. Find more @ <u>4.3 Short Key Configuration</u>

5.1.3 Stop Playing

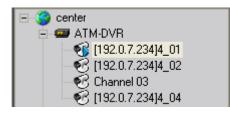
There are 3 ways to stop live preview.

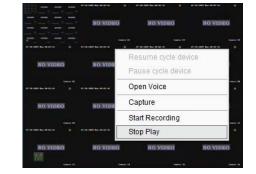
The play icon is \mathfrak{G} , double click it to stop previewing this channel and the icon will become \mathfrak{G}

Right click in the play window and the play menu will

pop up. Click "Stop Play" and the live view will stop.

Meanwhile the play icon will become 🔨





Click the 🔲 key in the preview panel to stop all the live view channels.

5.2 Cycle Play

5.2.1 Configuration

Setup key to enter the configuration interface. Then enter the local configuration by click "Software

Configuration" key.

Click

Playback Configuration			
Cycle Play		Cycle Time(s)	20
Playback Feature	Do not drop any frame	■ Network Feature	Shortest delay mode
Window Display Mode	Full Screen	•	

Enable Cycle:

Click Cycle Play to enable cycle play, and input the cycle time, then press "Save" and return to preview

interface.

Note: Cycle time should be between 20 and 3000s.

Disable Cycle:

Click Cycle Play to disable cycle play and save.

5.2.2 Mixed Cycle

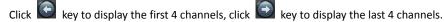
Mixed cycle mode enables client software cycle previews channels of the group or short key, the default window division is 2×2.

5.2.2.1 Cycle Play of Short Key Channels

Click "List" key to display channel list.

Click key to start mixed cycle play. Take 2×2 window division for example, if there are 8 channels in the short key area, then start cycle playing, the first 4 channels will be displayed in the window, after one cycle period, the last 4 channels will be displayed in the window.

Click button 🔲 in the preview panel to stop the channel mixed cycle of short key.



Note: Click button 💽 or 💽 to pause the channel sequence cycle of short key. This function needs short

key configuration first (Find more @ 4.3 Short Key Configuration)

5.2.2.2 Cycle Play of Group Channels

Click "Group" key to display group channel list. (Please stop playing before switching to group channels.)

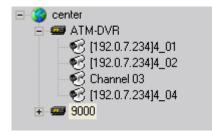
Click key to start mixed cycle play. Take 2×2 window division for example, if there are 2 groups in group area,

each of them has 4 channels, then start cycle playing, 4 channels of the first group will be displayed in the window, after one cycle period, 4 channels of the second group will be displayed in the window.

Click E key to display the first 4 channels, click key to display the last 4 channels.

5.2.3 Cycle Play of Device/Group

Double click the device name and all the channels of the device begin to cycle in the selected window division from the 1st channel.



Double click the group name and all the channels of the group begin to cycle in the selected window division from the 1st channel.

Drag the node of the device to the window, and then all the channels of this device begin to cycle.

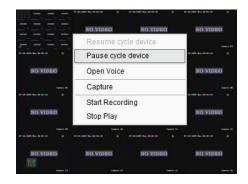
Drag the node of the group to the window, and then all the channels of this group begin to cycle.

NO VIDEO

Camera 04

5.2.4 Pause Cycle

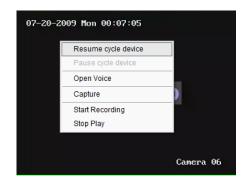
If the current window is in the device/group cycle mode, right click the cycling window, click "Pause cycle device" or "Stop cycle group" to pause cycling and remain the current image.



Click "Pause all cycle devices" key 🔲 to pause all the cycling channels.

5.2.5 Resume Cycling

If the current window is in the device/group cycle mode, right click the paused window, click "Resume cycle device" to restart cycling.



Click "Resume all cycle devices" key 📧 to restart all the paused channels.

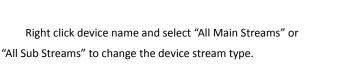
5.3 Preview Control

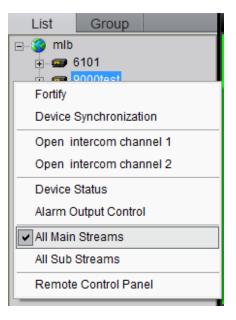
Full Screen:

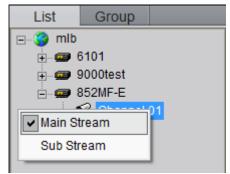
When previewing, click 🔟 key to preview in full screen, to exit click 🧕 key.

Enlarge:

When in the multi-screen preview mode, double click the selected image to enlarge it, double click again to resume. Main/Sub Stream (Available for hardware preview):







Right click channel name and select "All Main Streams" or "All Sub Streams" to change the channel stream type.

😲 Tips: Main stream is for recording, sub stream is for network transmission when bandwidth is low. The stream will take effect after re-preview the device or channels.

5.4 Voice Control

Right click the selected window, select "Open Voice" to enable audio preview, right click again and select "Close Voice" to disable audio preview.

07-20-2009	Mon 00:08:50	
	Resume cycle device	
	Pause cycle device	
	Open Voice	
	Capture	
	Start Recording	
	Stop Play	
		Camera 07

Note: The software only can open voice of one window at the same time. If the voice of the next window is opened then the voice of the previous will be closed automatically.

5.5 Recording & Capture

Recording and capture is only available in the live view mode.

Note: If the channel is in the recording mode, click "Stop" button to stop recording, and the preview, cycle play are stopped as well.

5.5.1 Recording

Configuration Path:	Setup
Store setup	
Please select disk group	
DISKC: DISKE: Select All Select NULL	
Cycle Record Record File Size 64M	Save

Select the saving hard disk of recorded files in "Store setup".

When previewing, click	ke	ey to start recording	, and the icon becomes	s as🛄. T	The channel icon become	s as 📢

After recording, the hint window with index of recorder files will pop up; click the hint to open the target folder.	C:\RecordFile\20090720\172. 8.114.111 8000 1\20090720 101157.mp4 101157.mp4
5.5.2 Capture	
Configuration Path: → Software	Path Configuration \rightarrow Path Configuration
Path Configuration	
Saving path for remote files downloading	C:\DownLoad Browse
Saving path for image catpure	C:\Picture Browse
Saving path for remote configuration file	C:\SaveRemoteCfgFile Browse
When previewing, click E key to start capture. After capture, the hint window with capture index will pop up; click the hint to open the target folder.	Image capture is succe
	C:\Picture\852MF-E_Channe

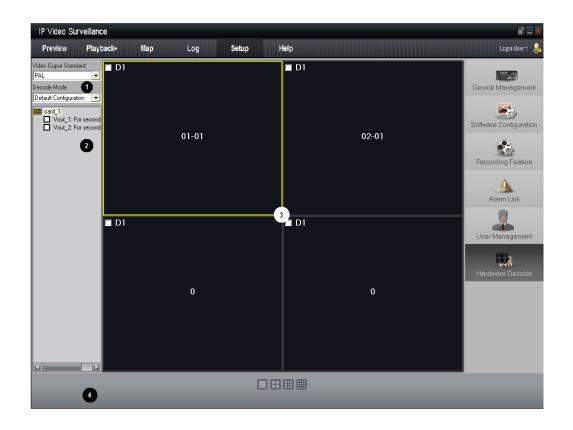
5.6 Hardware Decode

If there is video/audio decoding card installed in the computer, then this function can be available.

5.6.1 Hardware Decode Configuration



on the right to enter the configuration interface



The area descriptions are as follows:

Area	Description	Area	Description
0	Configuration Area	0	Decoding Card Info Area
6	Output Window Area	Ð	Window Division Mode Select Area

Configuration Area: 2 options including Video Output Standard & Decode Mode.



0

Decoding Card Info Area: Show the information of the decoding cards and channels.



4

Output Window Area: Configure the output mode of decoding channels.

Window Division Mode Select Area: Select window division mode.

5.6.1.1 Hardware Decode Mode Configuration

The decoding card installed in the PC can be recognized and initialized automatically as client software starts up, and the information will be displayed in the decoding card info area. The icon means decoding card and the sub-nodes show the information of decoding channels.

The hardware decoding modes of MD card including: default, preview on & TV wall on, preview off & TV wall on.

Hardware Decode Mode	Descriptions
Default	Each 4002MD card decodes 2 channels; each 4004MD card decodes 4 channels and so

Configuration	on. Support decoding and cycling play.		
TV wall on &	The images from the play window of client software and TV wall are decoded by ME		
Preview on	card, which needs to configure in the hardware decode configuration.		
TV wall on &	The images from the TV wall are decoded by MD card; the images from the play window		
Preview off	of client software are decoded by CPU.		

If the resolution of all the images is CIF, then the max decoding channel number is: 4 channels for each 4002MD card; 8 channels for 4004MD card.

If the resolution of all the images is D1, then the max decoding channel number is: 2 channels for each 4002MD card; 4 channels for 4004MD card.

Tips: Video Output Modes including PAL & NTSC.

Note: The video output mode of images from device and TV wall need to be the same standard, or else the image will become abnormal.

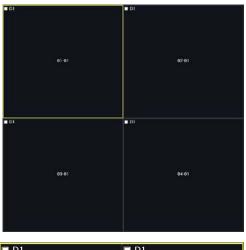
5.6.1.2 Hardware Decode Output Window Configuration

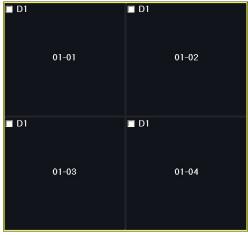
The "output window panel" has a multi-window division according to the total MDI card BNC number. One window is related to one BNC.

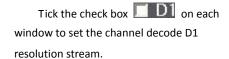
Take one 4004MDI card for example, there are 4 BNCs and the "output window panel" will show you 4 windows division. Window is named as 01-01, 02-01, 03-01 and 04-01.

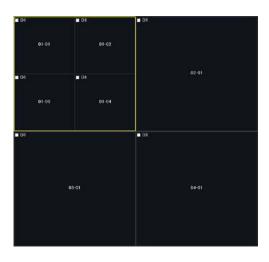
Select one window on "output window panel" and click window division button to select a window division on this BNC.

For example, if we select the first window 01-01 then divide into 4 windows, the 4 windows will be named as 01-01, 01-02, 01-03, 01-04.









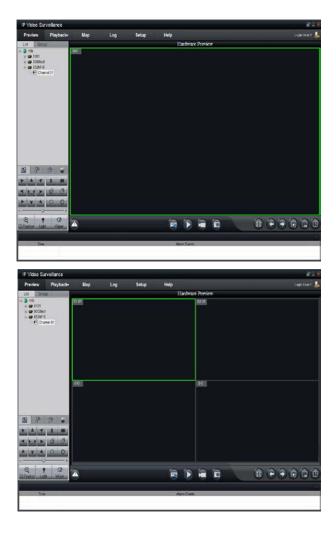
Note: If the default mode is selected, then each decoding channel outputs one single image and division mode is invalid.

5.6.2 Hardware Decode Preview

After configuration, click "Preview" key and select "Hardware Preview" to enter the hardware decode interface.

Click to the start to decode, at the moment, preview windows layout will switch to the layout which set in "output window panel".

The window exceed maximum decode channel won't be displayed.

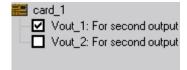


The basic operations of hardware preview are the same with software decode, please refer to sections 5.1-5.5 for more details.

5.6.3 Secondary Output of Hardware Decode

MD card can output the decoded images twice. Take 4002MD card for example, one 4002MD card can decode 4 channels CIF images, assume they are channel01, channel02, channel03, and channel04; if one decoding channel is set as 4 divisions and separately display channel01, channel02, channel03, and channel04, then the other decoding channel can only support one division and select one decoding channel to output the image. The descriptions above are defined as secondary output.

Enter hardware decode configuration interface, and tick the channel that set as secondary output and the channel status will become



Click I in the window division to

display secondary output list.

the secondary output channel.

Note: The system will clear the previous configuration information of

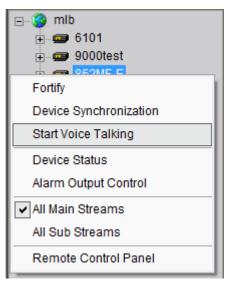
😴 Second Ouput is v acant							
	Card Name.		Area Num.				
	Card_1	Vout_02	01				
_				_			
				_			

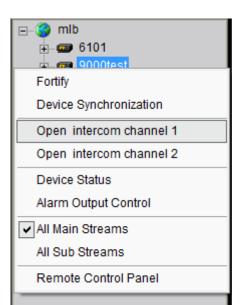
5.7 Others

5.7.1 Voice Talk & Broadcast

In preview interface, right click the device name and the sub menu will pop up.

Click "Start Voice Talking" to talk with the selected device.





If the device is 9000 DVR, then there will be two voice talk channels for choice.



Note: Client software only supports one voice talk at the same time

Right click area name and select "LAN Broadcast" to talk to the area.

F		
l	Fortify All	
l	Disalarm All	
l	All Main Streams	
l	All Sub Streams	
l	All Synchronization	
	LAN Broadcast	

🖃 🎲 mlb

5.7.2 Alarm Output Control

Right click the device name and the sub menu will pop up. Select "Alarm Output Control" to turn on or off the alarm output, and define alarm output name.	Fortify Device Synchronization Start Voice Talking Device Status Alarm Output Control All Main Streams All Sub Streams Remote Control Panel
Click and it becomes in key, so as to turn on the alarm output and activate the name modified function, re-click is two turn off the alarm output.	Alarm Output Control Alarm output 01 2 Alarm output 02 3 Alarm output 03 4 Alarm output 04 Save Cancel

5.7.3 Device Status

Right click the device name and the sub menu will pop up. Click "Device Status" to get device working information, including channel and hard disk status.

庄 🚥 6101	Device Na	me 9000tes	t		Device S	Status	Normal
	Spot Statu	s					
Fortify	Camera .	Record Status	Signal Status	Hardware	. Conn	Bitrate(bps)	IPC conne
•	Camera.	No Record	Normal	Normal	0	1054528	0
Device Synchronization	Camera.	. No Record	Signal lost	Normal	0	29784	0
Device Officiation		. No Record	Signal lost	Normal	0	29872	0
	Camera.	No Record	Signal lost	Normal	0	29576	0
Open intercom channel 1	Camera.	. No Record	Signal lost	Normal	0	29864	0
	Camera.	No Record	Signal lost	Normal	0	30328	0
Open intercom channel 2		No Record	Signal lost	Normal	0	30240	0
	Camera . HDD Statu	No Record	Signal lost	Normal	0	30288	0
Device Status			- ituri - Erro (
	HDD N		acity(Free S	Space(IVIB)		HDD Statu	S
Alarm Output Control	HDD 01	0	0	-			
	HDD 02 HDD 03	715404	64665	6	Active		
 All Main Streams 	HDD 03	0	0				
An Main Oreanio	HDD 04	0	0				
All Out Ofreeman	HDD 05	0	0				
All Sub Streams	HDD 06	0	0				
	HDD 07	0	0				

Note: Some options will turn gray and become unavailable if the device doesn't support them.

5.7.4 Remote Control Panel

will pop up shown as figure below.

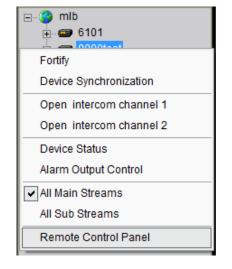
device like using front panel.

up.

Right click the device name and the sub menu will pop

Select "Remote Control Panel" and the control panel

You can click the buttons on the panel and control

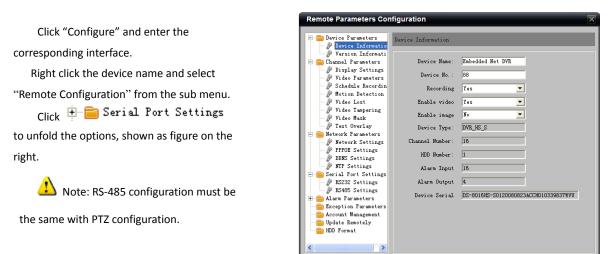


Control Panel-9000test		X
up left Enter right down	ESC ESC Record F Iris+ Edit PTZ I Focus+ Shift MultiWin F	0 F1 F2 0 Light Assi. Preset 1 2 3 his- 1 2ABC 3DEF Focus- 4 5 6 4GHI 5JKL 6MNO Zoom- 7 8 9
Chan State 🛛 🏹 🍕 🍕 🖓	ଶ ଶ ଶ ଶ ଶ ଶ ଶ ଶ ଶ	7PQRS 8TUV 9WXYZ

Chapter 6 PTZ Control

6.1 RS-485 Parameters Configuration

Before PRTZ operations, please make sure that RS-485 parameters has been correctly configured by client software.



Default Reboot

6.2 PTZ Control

Return to preview interface and user can control PTZ.

6.2.1 Direction Control

There are 8 keys to control PTZ directions, and the active bar to change PTZ speed, which is adjustable from 1 to 7, and default speed is 4.

Click key to start auto scan.

Click the function keys on the right to adjust focus, iris and zoom.



OK

Cancel

Other PTZ Control Mode – Screen PTZ Control: user can control PTZ by dragging and click in the play window.

Drag Control: There are 3×3 nine areas, when the mouse

moves to area 1-8, the mouse icon will become as: $oldsymbol{0}$; $oldsymbol{0}$

$$\triangle; \bullet \bigtriangledown; \bullet \triangleleft; \bullet \triangleleft; \bullet \triangleright; \bullet \land; \bullet \forall; \bullet \triangleleft, \mathsf{and}$$

continued to move the mouse along the direction shown by arrows, PTZ will move to the same directions.

Note: This function is only available for software decode.

6.2.2 Partial Zoom

Click "Partial Zoom" to zoom in or out, the mouse icon will become as i, press the left key of the mouse and drag a area you want to zoom.

Drag from up left to down right to zoom in; drag from down right to up left to zoom out.

Note; This function is only available as HIKVISION protocol is selected for PTZ.

6.2.3 Preset

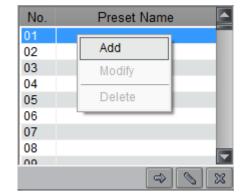
. Select one channel and click the key on the

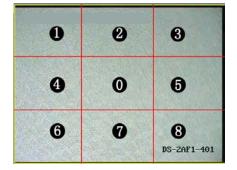
PTZ control panel and enter preset edit window.

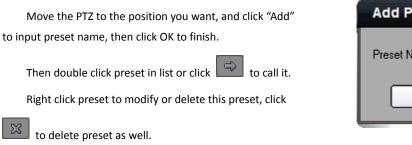
No.	Preset Name	È
01		П
02		
03		
04		
05		
06		
07		
08		-
00		<u>×</u>
		3

Select one play window, and right click the preset list or

click to add, modify and delete preset.







Add Prese	t	×	
Preset Name			
ОК		Quit	

Add Sequence Delete Sequence

Save

6.2.4 Sequence

After adding two or more presets for one channel, you can set a sequence with presets for PTZ.

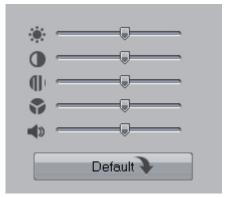
~	No.	Sequence Name
1 st step: select one channel and click key to	01	Sequence 01
chow soquence list	02	Sequence 02
show sequence list.	03	Sequence 03
	04	Sequence 04
	05	Sequence 05
	06	Sequence 06
	07	Sequence 07
	08	Sequence 08
	00	Soquence 00
		\Rightarrow \circ \checkmark
	Sequend	e Configuration
2 nd step: Click or right click sequence name then	Sequence Sequen	Sequence 01 Presets Dwell Time(s) Dwell Speed
select the preset you would like to enter sequence configure		
menu.		
		Add Sequence Delete Sequence Save
	· ·	e Configuration ×
	Sequence	Sequence 01
3 rd step: Click Add Sequence add the sequence,	Sequen 1	Presets Dwell Time(s) Dwell Speed preset 01 2 30
you can also click preset area to select presets from the list.		

Sequence Configuration					
4 th step: Set the time and speed for the preset.	Sequence	Sequen	ce 01 💌		
A	Sequen		Dwell Time(s)	Dwell Speed	
🙏 Note: Dwell time is between 1 and 128s; dwell	1	preset 01	2	30	
speed is between 1 and 140.					
		(Delete Sequence	Save	
5 th step: Repeat the 2 nd and 3 rd step to add the presets	Sequence	e Configurati		×	
to the sequence. Then click Save key to save	Sequen 1 2	Presets preset 01 Preset 2	Dwell Time(s) 2 6	Dwell Speed 30 20	
the settings.	3 4	Preset 3 Preset 4	10 15	10 40	
		Add Sequence	Delete Sequence	Save	
After configuration, you can choose the sequences from the list	uence		, and c	all/stop them	
by clicking and okeys.					

6.3 Video Parameters Configuration

Click the key to show the video parameters configuration menu.

Move 📕 to adjust the video parameters. (Range: 1-10, default value: 6).



lcon	Description	lcon	Description
۲	Brightness	0	Contrast
	Saturation	0	Hue
♥ ≫	Volume	Default	Restore

6.4 Keyboard and Joystick Control

The client software supports keyboard (DS-1002KI, DS-1003KI) and joystick control PTZ and preview window layout.

6.4.1 DS-1002KI, DS-1003KI keyboard control PTZ

Connect Ta, Tb of DS-1002KI, DS-1003KI keyboard to Rx+, Rx- of RS-485 🛱 RS-232 converter, then connect converter to COM interface of computer.

Click	etup →	Software Configuration	Advar	nced), and selec	t keyboard serial
ports (NULL by defa	ult) in "Other Configu	uration". Click	Save to sa	ve paramete	rs	
	Other Configur	ation				
	🔽 Enable Alarr	n Screen	E-map Two	Screens Di	spl: 🔻	
	Start Inspect	ion	Serial Numb	er: NULL	•	
			Save	,	Quit	

Press "EXIT" button on the keyboard to switch control state. A message "Controlling window layout" will pop up afterwards, and then you can move the green active box by using keyboard joystick.

Press "EXIT" button on the keyboard to switch control state. A message "Controlling PTZ" will pop up afterwards, and then you control PTZ by using joystick.

focus, zoom, wiper, light, and preset calling by using joystick or function buttons.



Press "PTZ control" button on the keyboard to control iris,

and select keyboard serial

ports as NULL by default to release the serial ports.

Setup

Click

 \rightarrow

Advanced

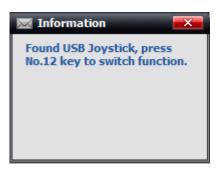
6.4.2 Joystick control PTZ

Insert USB joystick, and a message will pop up shown as figure on the right, and define "switch button" afterwards.

Press "switch button", a message "Controlling window layout" will pop up afterwards, and then you can move the green active box by using USB joystick.

Press "switch button", a message "Controlling PTZ" will pop up afterwards, and then you control PTZ by using USB joystick.

Press "PTZ control" button on the keyboard to control zoom and preset calling by using USB joystick.





🙏 Note: "Switch button" is different according to different models of USB joystick. By default, client software

usually defines the last logic button as "Switch button" (e.g. if there are 12 buttons in total, then define the 12nd button as "Switch button").

Different models of USB joystick have different buttons, which decide the number of callable presets.

Chapter 7 Recording & Playback

7.1 Recording

7.1.1 Local Recording

Local Recording Setup						
Schedule Recording						
	Video time	Record-plan mode	Time Period 1	Time Period 2	Time Period 3	Time Period 4
	Monday	Empty Mode	00: 00-00: 00	00: 00-00: 00	00: 00-00: 00	00: 00-00: 00
	Tuesday	Empty Mode	00: 00-00: 00	00: 00-00: 00	00: 00-00: 00	00: 00-00: 00
	Wednesday	Empty Mode	00: 00-00: 00	00: 00-00: 00	00: 00-00: 00	00: 00-00: 00
	Thursday	Empty Mode	00: 00-00: 00	00: 00-00: 00	00: 00-00: 00	00: 00-00: 00
	Friday	Empty Mode	00: 00-00: 00	00: 00-00: 00	00: 00-00: 00	00: 00-00: 00
		EmphyMode	00: 00-00: 00	00: 00-00: 00	00: 00-00: 00	00: 00-00: 00
	Saturday	Empty Mode	00.00 00.00	00.00000.00	00.00 00.00	
Store setup	Saturday Sunday Apply to whole w	Empty Mode	00: 00-00: 00	00: 00-00: 00	00: 00-00: 00	
Store setup lease select disk group	Sunday	Empty Mode	00: 00-00: 00	00: 00-00: 00	00: 00-00: 00	00: 00-00: 00
ease select disk group	Sunday	Empty Mode	00: 00-00: 00	00: 00-00: 00	00: 00-00: 00	00: 00-00: 00
	Sunday	Empty Mode	00: 00-00: 00	00: 00-00: 00	00: 00-00: 00	00: 00-00: 00
lease select disk group	Sunday	Empty Mode	00: 00-00: 00	00: 00-00: 00	00: 00-00: 00	00: 00-00: 00
lease select disk group	Sunday	Empty Mode	00: 00-00: 00	00: 00-00: 00	00: 00-00: 00	00: 00-00: 00
DISKC:	Apply to whole w	Empty Mode	00: 00-00: 00	00: 00-00: 00	00: 00-00: 00	00: 00-00: 00

schedule.

Set Schedule Recordin	ng Table			×
Empty Mode	Mode Name	Empty Mode		
🙆 Whole Day Mode				
Recording Mode1		Start Time		End time
Recording Mode2			_	
Recording Mode3	Time Period 1	00:00:00	- (00:00:00
Recording Mode4				
Recording Mode5	Time Period 2	00:00:00	- (00:00:00
Recording Mode6				
Recording Mode7	Time Period 3	00:00:00	- (00:00:00
Recording Mode8				
Recording Mode9	Time Period 4	00:00:00	- (00:00:00
Recording Mode10				
				Save
	1			

You can choose "Whole Day Recording Mode" or you can define the recording mode for your own demands.

Select Recording Mode, then you can configure the schedule mode.

1st step: Input the mode name.

2nd step: Set the time periods, and click "Save" to finish.

🕘 Empty Mode	Mode Name	Mode 01		
🙆 Whole Day Mode				
Recording Mode1		Start Time	E	Ind time
Recording Mode2				
Recording Mode3	Time Period 1	00:00:00	- 00:	00:00 -
Recording Mode4				-
Recording Mode5	Time Period 2	00:00:00	- 00:	00:00 -
Recording Mode6				-
Recording Mode7	Time Period 3	00:00:00	- 00:	00:00 -
Recording Mode8			· · · · ·	
Recording Mode9	Time Period 4	00:00:00	- 00:	00:00 -
Recording Mode10		,		

Set recording schedule:

First click the device or channel name to activate the recording schedule configuration.

Select the recording date and mode.

🖃 🌍 mib	h	
÷ 📟	6101	
÷ 🐲	9000test	
+	852MF-E	
+ 📟	IPD	

Video time	Record-plan mode	Time Period 1	Time Period 2	Time Period 3	Time Period 4	
Monday	Empty Mode	00:00-00:00	00: 00-00: 00	00: 00-00: 00	00: 00-00: 00	
Tuesday	Mode 01	12.00-23.00	00.00-00.00	00.00-00.00	00.00-00.00	
Wednesday	Empty Mode	00:00:00:00	00: 00: 00: 00	00: 00-00: 00	00:00-00:00	
Thursday	Whole Day Mode	00 00-23 59	00 00-00 00	00 00-00 00	00 00-00 00	
Friday	Empty Mode	00:00:00:00	00: 00: 00: 00	00: 00-00: 00	00:00-00:00	
Salurday	Recording Mode	00 00-00 00	00 00-00 00	00 00-00 00	00 00-00 00	
Sunday	Empty Mode	00:00-00:00	00:00:00:00	00: 00-00: 00	00:00-00:00	

	Note X
Select one finished recording mode, and	
click Apply to whole week to copy it to	Mode 01Application success!
whole week.	ОК
	Note
Select one channel from list in the device	
Select one channel from list in the device area, and click Copy to copy it to	Note 9000testChannel 01Copied to video successChannel 09!
Conv	

7.1.2 Store Setup

Under "Local Recording Setup" there is "Store Setup" menu.

Choose saving hard disk of the recorded files from disk group.

If "Cycle Record" is selected, and each disk space is less than 2G, the earliest recorded files will be overwritten to continue recoding.

If not, when the disk is full, the "Disk Clean" will pop up, after cleaning disk and if the disk space is larger than 2G, the schedule recording will restart.

Store setup	
Please select disk group	
Select All Select NULL	
Cycle Record Record File Size 64M	Save

Record file size can be selected (32M/64M/128M/256M).

7.1.3 NVR Storage Server Recording Configuration

You can remote configure the recording schedule and playback the recorded files of the NVR storage server through client software, shown as figure below.

NVR Server Please select N 💌	NVR Config	gura	atio	n	_																										
⊡	Record-plan mode	9	PI	eas	se s	ele	ect	pla	in t	em	pl	-	[Disl	k G	roı	ц					Ple	eas	e s	sel	ec	di	sk	gra	oup	-
9000test	Remarks																														
€ IPD	🔲 Enable Stream	Me								IF	P Ad	ddr	es	s	Γ	0	•	0		0		0		P	ort			0)		
		0	1	2	3	4	5		6	7	8	T	9	10	11	1	2	13	14	•	15	16	17	1	18	19	20	1	21	22	23
	Monday																														
	Tuesday																														
	Wednesday																														
	Thursday																														
	Friday																														
	Saturday																														
	Sunday																														
	Copy setting to	PI	eas	e s	ele	ct c	ha	n	-		_	С	op)	/		(M	od	ify '	Te	mp	lat	e)			(_	8	Sav	/e	_

7.1.3.1 Add NVR Server

NVR Name	IP Address	Port	VOD Port		
SERVER	172.8.114.100	8320	8554	NVR Name	SERVER 01
				IP Address	172.8.114.100
				Port	8320
				VOD Port	8554
				Add	Modify Delete

Note: Max 16 NVR servers can be added to the client software. The default server port and VOD port are 8320

and 8554.

7.1.3.2 NVR Recording Mode Configuration

1st step: Select added NVR servers from

Please select N	Ŧ	list to enable modifying recording
-----------------	---	------------------------------------

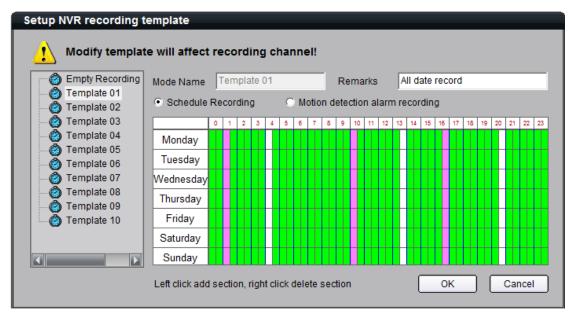
schedule.

NVR Server	Please select N 💌
🖃 🌍 mlb	
÷ 💬	6101
÷ 🕶	9000test
÷ 💬	852MF-E
÷ 💬	IPD

2nd step: Set the recording time for the mode.

Click the mouse to add recording schedule; right click to cancel recording schedule. Then click Modify Template key to save the settings.

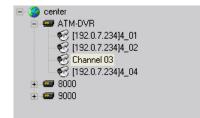
Select "Template 01" and recording type including "Schedule Recording" & "Motion Detection Recording". The using left click to add section, right click to delete section in the date area.



Note: The unit of recording mode is half an hour, green means schedule recording, pink means motion detection recording, white means no recording.

7.1.3.3 NVR Recording Schedule Configuration

1st step: Select the device or channel for recording



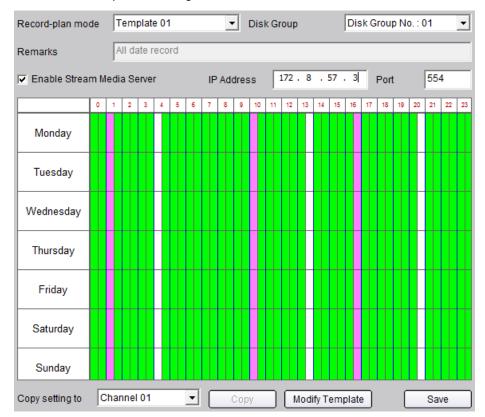
2nd step: If necessary, enable stream media server and input the IP address and port.

🔽 Enable Stream Media Server IP Address	172 . 8 . 57 . 3 Port	554
---	-----------------------	-----

3rd step: Configure the recording schedule.

Select the mode from "Recording plan mode" and select the disk group to save the recorded files.

Click Modify Schedule key to finish configuration.



7.2 Playback

There are 2 options for playback, one is local playback and the other is remote VOD, which can be chosen by clicking



Local Playback: Searching the recorded files from hard disk of PC. Remote VOD: Searching the recorded files from hard disk of DVR or storage server.

7.2.1 Remote VOD

key.

Click Playback

and choose "Remote VOD" (

e VOD" (Local Playback

45

) to enter the playback interface.

IP Video Sur	veillance										ا	_ ×
Preview	Playback-	Мар	Log	Setup	Help			1			Login User:	1 🔈
E- 3 mlb	1					Remo	ote VOD					
2 6101		Window 01 :				-00:00:00					0	0:00:00
		Window 03 :				00:00	3)1dow 04 :				ň	0:00:00
File Type All Synchronous Pla	4 yback											
44 4 07 / 21 / 3 SUN MON TUE WED	THU FRI SAT	•0			682		12x 1 2x 4x	5				X
28 29 30 01 05 06 07 08 12 13 14 15 19 20 21 22 26 27 28 29	09 10 11 16 17 18 23 24 25 30 31 01	00:00 Window 01 Window 02	02:00 0	04:00 06:00	08:00	10:00	12:00	14:00 16:00	18:00	20:00	22:00	00:0
02 03 04 05	06 07 08	Window 02				6)						
🔍 Sea	arch	Window 04										

Area	Description	Area	Description
0	System Area	0	Device Area
6	Playback Windows	4	Query Area
6	Play Control Buttons	0	Time Axis Area

7.2.1.1 Remote VOD Query

 $\mathbf{1}^{st}$ step: Select the playback channel and window.

2nd step: Select recorded files type and query time.

Search

File Type
A11
4-1-
hedule Iotion Detection
n Handle
Motion Detection
& Motion Detection and
ual Record

3rd step: Add information of card number. For ATM DVR enable "Query by Card No." and input the overlaid card number to search. Other device can skip this step.

4th step: Click

key to search the matched recorded files, if there is, then it will shows in the

time axis area.

			04:58									
0	0:00 02	:00 04	1:00 06	00:00	:00 10	:00 12	:00 14	100 10	5: 00 18	3:00 20	:00 22	:00 00:0
Window 01												
Window 02												
Window 03												
Window 04												

5th step: Click key to start playback. You can choose time by dragging mouse to the time you want on the time

axis.

						10:	56						
	00:00	02:00	04:00	06:00	08:00	10:00	12:00	14:00	16:00	18:00	20:00	22:00	00:
Window	v 01												
Window	v 02												
Window	v 03												
Window	v 04												

Select one channel then drag into playback window. If there is recorded file in this day, it will playback it from the very beginning of this day.

If you enable synchronous playback, then the 4 windows will playback synchronously. If the start time of the 4 windows is not same, the most ahead window will wait for other windows until they reach the same time point.

7.2.1.2 Playback Control

When playback has succeeded, the play window will show as below:

IP Video Surveillance		- - ×
Preview Playback	k≁ Map Log Setup Help	Login User:1 😞
🖃 🔇 mlb	Remote VOD	
H 😅 6101	Window 01 : 9000test_Channel 01 00:16:27 Window 02 : 9000test_IPChannel	00:00:53
9000test		
Channel 01	80 VIDEO NO VIDEO NO VIDEO 007-21-200	09 Tue 00:00:53
Channel 02		have the first of the second s
Channel 03	Contraction of Antonia and Antonia	1 - 1 - 1 - 1
- S Channel 04		
Channel 05	NO VIDEO NO VIDEO NO VIDEO NO VIDEO	
- S Channel 06		
Channel 07		
Channel 08	NO VIDEO NO VIDEO NO VIDEO NO VIDEO	the second s
Channel 09		
Channel 10		
- 63 Channel 11	NG VIDEO NO VIDEO NO VIDEO NO VIDEO	
Channel 12	M Contraction of the second seco	IPCamera 01
- 63 Channel 13		
Channel 14	Window 03 : 9000test_Channel 04 00:00:37 Window 04 : 9000test_Channel 0	15 00:00:33 ·
Channel 15	07-21-2009 Tue 00:00:37 07-21-200	09 Tue 00:00:33
- 63 Channel 16		
B IPChannel 01		
•3 IPChannel 02		
₽ 9852MF-E		
H 😅 IPD		
	NO VIDEO	NO VIDEO
C Query By Card No.		
File Type		
All	Camera 04	Camera 05
Synchronous Playback	Camera Or	Camera 05
<t 07="" 2009="" 21="" <="" ►="">></t>		000
SUN MON TUE WED THU FRI SAT		
28 29 30 01 02 03 04		000
05 06 07 08 09 10 11		
12 13 14 15 16 17 18		16:00 18:00 20:00 22:00 00:0
19 20 21 22 23 24 25	5 Window 01	
26 27 28 29 30 31 01	Window 02	
02 03 04 05 06 07 08		
Search	Window 03	
Search	Window 04	
~		

Descriptions on playback buttons:

Button	Description	Button	Description
≺ ⊗	Open/Close Sound		Capture

	Pause		8	Video Clip
	Play		Ŧ	Download
	Stop			Single window
()	Play by single frame			4 Screen Division
8	Stop All		Full Screen	
1/8x 1/4x 1/2x 1 2x	1/8x 1/4x 1/2x 1 2x 4x 8x		F	Play Speed Adjust Bar

Anote:

In the single frame playback mode, every time you click 🔟 button, the recorded files will play forward by one frame.

Only one window audio can be opened at the same time when in VOD mode. If the audio of next window opens then the audio of previous window will be closed.

During playback, click



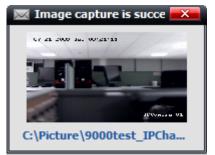
once to set begin time of video

clip, click it again to set end time of video clip. After saving the video clip, a message will be raised, click it to open video segment.

You can also get the remote capture by clicking

button, and you will see the pop up message. Click the picture to open the capture and click the path to open the capture folder.





to download file to local PC. You may click on message to

After searching out the recorded file, you can click

open the download saving directory.

Select Al	l .			
ID	Start Time	End Time	Status	
1	2009-04-16 07:34:08	2009-04-16 07:53:30	Wait	
2	2009-04-16 07:53:30	2009-04-16 08:12:57	Wait	
□ 3	2009-04-16 08:12:57	2009-04-16 08:32:26	VVait	
4	2009-04-16 08:32:26	2009-04-16 08:51:53	VVait	
□ 5	2009-04-16 08:51:53	2009-04-16 09:11:21	Wait	
6	2009-04-16 09:11:21	2009-04-16 09:30:50	Wait	
7	2009-04-16 09:30:50	2009-04-16 09:50:17	Wait	
8	2009-04-16 09:50:17	2009-04-16 10:09:45	Wait	
9	2009-04-16 10:09:45	2009-04-16 10:29:13	Wait	
1 0	2009-04-16 10:29:13	2009-04-16 10:32:53	Wait	
11	2009-04-16 10:34:21	2009-04-16 10:50:04	Wait	
12	2009-04-16 10:50:04	2009-04-16 11:04:32	Wait	
13	2009-04-16 11:05:52	2009-04-16 11:10:48	Wait	
14	2009-04-16 11:10:48	2009-04-16 11:14:32	Wait	
15	2009-04-16 11:15:52	2009-04-16 11:31:30	Wait	
16	2009-04-16 11:31:30	2009-04-16 11:50:59	Wait	
17	2009-04-16 11:50:59	2009-04-16 12:10:26	Wait	
18	2009-04-16 12:10:26	2009-04-16 12:29:55	Wait	
19	2009-04-16 12:29:55	2009-04-16 12:49:23	Wait	

You may go to "Configure" → "Software Configure" → "Path configuration" to change the saving directory.

 Path Configuration

 Saving path for remote files downloading

 C:\DownLoad

Browse

7.2.2 Local Playback

Click Playback+	and choose "Local Playbac	k" () to enter the playback	interface.
IP Video Surveillance				≦ _ ×
Preview Playback-	Map Log Se	tup Help		Login User:1 🔬
🖃 🎯 mib			layback	
B ⊕ 6101 ⊕ ⊕ 9000test ⊕ ⊕ 852MF-E B ⊕ IPD	Window01:	- 0 0:00:00 -	Window02:	90:00:00 ⁻)
	Window03 :	00:00:	3 indow04 :	00:00:00
File Type				
All Enable Synchronization				
Image: Weight of the second		06:00 08:00 10:00	x 1/4x 1/2x 1 2x 4x 8x 5	18.00 20.00 22.00 00
12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 01 02 03 04 05 06 07 08	Window 01 Window 02	6		
🔍 Search	Window 03 Window 04			

Area	Description	Area	Description
0	System Area	0	Device Area
6	Playback Windows	4	Query Area
6	Play Control Buttons	6	Time line Area

7.2.2.1 Local Playback Query

1st step: Select the playback channel and window.

2nd step: Select recorded files type and query time.

File Type			0
Al	SUN	MON	Т
	22	23 02	
Manual Record	08	09	
Schedule Recording	15	16	
Alarm Handle	22	23	
Save Download	29	30	

Search

	≪										
SUN	MON	TUE	WED	THU	FRI	SAT					
22	23	24	25	26	27	28					
01	02	03	04	05	06	07					
08	09	10	11	12	13	14					
15	16	17	18	19	20	21					
22	23	24	25	26	27	28					
29	30	31	01	02	03	04					

3rd step: Click in the time axis area.

key to search the matched recorded files, if there are, then they will be shown

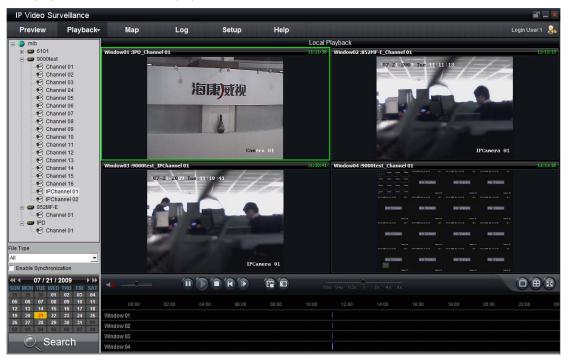
	05	5:20:29						
00:00	04:00	06:00	08:00			18:00	20:00	
Window 01				1				
Window 02								
Window 03								
Window 04								

4th step: Click 💟 key to start playback. You can choose time by dragging mouse to the time you want on the time

axis.

Select one channel then drag into playback window. If there is recorded file in this day, software will playback it from the very beginning of this day.

7.2.2.2 Playback Control



When playback has succeeded, the play window will show as below:

Descriptions on playback buttons:

Button Description		Button	Description
--------------------	--	--------	-------------

10	Open/Close Sound	8	Stop All
	Pause	1	Capture
	Play		Single Screen
	Stop		4 Screen Division
	Play by single frame	5	Full Screen
	Return to Beginning		
1/8x 1/4x 1/2x 1 2x	4x /8x	F	Play Speed Adjust Bar

You can also get the remote capture by clicking



button, and you will see the pop up message. Click the picture to open the capture and click the path to open the capture folder.





In the single frame playback mode, every time you click 🔟 button, the recorded files will play forward by one frame.

Only one window audio can be opened at the same time when in VOD mode. If the audio of next window opens then the audio of previous window will be closed.

Chapter 8 Remote Configuration

You can remote configure the parameters of the device, including recording schedule, alarm schedule and etc. Setup Path: → Right click the device and select "Remote Configuration" **Remote Parameters Configuration** 🖃 📄 Device Parameters Device Information 🖉 Device Informatio: 🖉 Version Informati Device Name: Embedded Net DVR 🖻 💼 Channel Parameters 🛛 🖉 Display Settings Device No.: 88 🖉 Video Parameters 🖉 Schedule Recordin Yes Recording • 🌮 Motion Detection 🛛 🖗 Video Lost Enable video No • 🌮 Video Tampering 🛛 No Enable image • 🖉 Video Mask 쏅 Text Overlay Device Type: ATMDVR_S 🖃 📄 Network Parameters 🚽 4 Channel Number: 🌮 Network Settings PPPOE Settings 1 HDD Number: 🌮 DDNS Settings 🌮 NTP Settings Alarm Input 5 🌮 NFS Settings 2 Alarm Output 🖉 E-mail Settings +… 📄 Serial Port Settings Device Serial DS-8004AHL-S0220090114ABWR010811131WCV 主 · · · 📄 🛛 Alarm Parameters Exception Parameters Account Management 盲 ATM Transaction Para 盲 Update Remotely 盲 HDD Format < > Default Reboot OK Cancel

If the device is 9000 series DVR, after clicking the "Remote Configuration" then you need to click

ter parameters configuraties key in the pop-up menu and enter the configuration interface.

Note: Remote configuration of PCDVR via client software is not available right now.

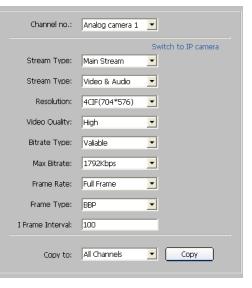
8.1 Remote Recording Configuration

8.1.1 Encoding Parameters Configuration

Select Channel Parameters $\rightarrow \mathscr{Y}$ Video Parameters to enter encoding parameters configuration interface.

Note: If the device is 9000 series, click "Switch to IP

Channel" and select IP channel to configure the parameters of IP camera.



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

8.1.2 Schedule Recording

Select 📮 Channel Parameters ightarrow Schedule Recording

to enter configuration interface.

Enable recording by clicking the tick

Channel no.:	Analog camera 1	
🔽 Enable Record	ding	Switch to IP camera
Pre Record:	5s	
Post Record:	5s	•
Expired Time:	0	day
Recording Time		
include recording model and type	time, recording	Settings
Redundant:	No	•
Audio Record:	Yes	_
Copy to:	All Channels	Сору

Anote: "Recording Expired" "Redundant" and "Audio Record" are only available for 9000 series DVR.

Parameters	Description
Redundant	Redundant for this channel or not (When redundant disk is available)
Recording Expired	Storage life of recorded files in redundant disk, expired data will be deleted
Audio Record	Recorded files include audio or not

Click "Settings" of the "Recording Time" to enter recording

schedule configuration interface.

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

Click Schedule Recorce for the recording type. The "All Day Record" or 8 "Segments" can be selected as well.

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

Recording	lime		
	Weekday:	Monday	💌 🔽 All Day Recor
🔽 Segmentil	:	0 24	: 0 📑 Schedule Recor
📕 Segnent2	:		🕴 🚺 🔁 Schedule Recore
📕 Segneriti	1 🕂 :		0 🔁 Schedule Record
📕 Segments			0 🔆 Schedule Record
🔲 Segnent5	:		: 0 💼 Schedule Record
📕 Segments			0 📑 Schedule Record
📕 Segment7	1 📑 :		0 🔂 Schedule Record
📕 Segmenta			0 🗧 Schedule Record
	Copy to:	Whole Week	Copy
			OK Cancel

8.1.3 Motion Detection Recording

Click 🦻 Motion Detection to enter motion detection recording interface.

😃 Note: If the device is 9000 series, click "Switch to IP Channel" and select IP channel to configure the

parameters of IP camera.

 $\ensuremath{1^{\text{st}}}$ step: Select channel number for motion detection.

2nd step: Enable motion detection to activate "Setting Area", "Fortify Time" and "Linkage" settings.

3rd step: Set the motion detection area and sensitivity. The sensitivity 1 and 6 are the lowest and the highest

Enable "Start Draw", and select the detection area by

Channel no.: Analog Channel 1 💌
Channel no.: Analog camera 1 💌
Switch to IP camera
Setting Areas Area settings, sensitivity adjustment, there is limit on the number of areas
Fortify Time Alarm time setting , each day could be divided into 8 periods,fortify is valid in corresponding period Settings
Linkage Alarm Trigger Mode, Alarm Output, Trigger Recording Settings

Area Settings

Fortify Time		P
Weel	sday: Monday	
🗸 Segmenti	0 🛨 : 0 🛨 24 🕂 : 0 🛨	
🔲 Segment2		
🔲 Segment3		
🔲 Segment4		
🔲 Segment5		
🔲 Segment6		
🔲 Segment7		
🔲 Segment8		
Copy	y to: Whole Week ▼ Copy	
	OK Cance	1

level.

using mouse.

4th step: Set the detection time.

"Fortify Time" can be one day or the whole week, and 8 segments for one day.

5th step: Set the "Trigger Recording" for linkage.

Click "Setting" in the linkage area and select "Trigger Recording" tab.

Linkage	×
🤴 Alarm Trigger Mode	🖥 Trigger Recording
Analog camera IP ca	amera
	□ A13 □ A14
□ A3 □ A4 □ A5	□A15 □A16
□ A8 □ A9	
🖂 Select All	
	OK Cancel

 Weekday:
 Monday
 Image: Im

6th step: Set the detection recording time.

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

Click **Motion Detection** for the recording type. The "All Day Record" or 8 "Segments" can be selected as well.

Note: The time of each segment can not be overlapped. The valid time is the intersection of the motion detection time and motion detection recording time.

8.1.4 Alarm Recording

Select 盲 Alarm Parameters 🗲	Alarm Input Settings
1 st step: Select alarm input.	
Note: If the device is 9000 seri	ies DVR, you can click

"Switch to IP channel" to configure the alarm input of IP channel.

Alarm Input:	Alarm 1
IP address:	Lable
Alarm Name:	
Alarm Status:	NO
🗖 Alarm Handle	Please switch to IP camera
Fortify Time	
	g , each day could be iods,fortify is valid in riod Settings
Linkage Method	
Include Alarm Tri <u>c</u> Output, Trigger Ri	gger Method, Alarm ecording Channel Settings
Copy to:	Ali Alarm Signals 💌 Copy

2nd step: Select the type of alarm input, "NO" or "NC". Note: The settings will become effective after rebooting.

3rd step: Enable "Alarm Handle" to activate "Fortify Time" & "Linkage Method".

4th step: Set the fortify time for alarm input.

Click "Settings" in "Fortify Time" menu.

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

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

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

Alarm Input:	Alarm 1
IP address:	Lable
Alarm Name:	
Alarm Status:	NO
	NO NC witch to TD corpora
🗖 Alarm Handle	Hease switch to IP camera
Fortify Time	
Alarm time settin divided into 8 pe corresponding pe	g , each day could be riods,fortify is valid in rriod Settings
Linkage Method -	
	gger Method, Alarm ecording Channel
output, mggor n	Settings
Copy to:	All Alarm Signals 💌 Copy
Alarm Input:	Alarm 1
IP address:	
Alarm Name:	
Alarm Status:	NO
🔽 Alarm Handle	Please switch to IP camera
Fortify Time	
Alarm time settin divided into 8 ne	g , each day could be riods,fortify is valid in
corresponding pe	eriod Settings
corresponding pe	Settings
Corresponding pe Linkage Method – Include Alarm Tri	gger Method, Alarm
Corresponding pe Linkage Method – Include Alarm Tri	riod <u>Settings</u>
Corresponding pe Linkage Method – Include Alarm Tri	gger Method, Alarm Lecording Channel
Corresponding pe Linkage Method – Include Alarm Tri	gger Method, Alarm Lecording Channel
corresponding pe - Linkage Method Include Alarm Tri Output, Trigger F	gger Method, Alarm lecording Channel
corresponding pe - Linkage Method Include Alarm Tri Output, Trigger F	gger Method, Alarm lecording Channel
corresponding pe - Linkage Method Include Alarm Tri Output, Trigger F	gger Method, Alarm lecording Channel
Corresponding pe Linkage Method Include Alarm Tri Output, Trigger R Copy to:	gger Method, Alarm Lecording Channel Settings
corresponding pe - Linkage Method - Include Alarm Tri Output, Trigger R 	ager Method, Alarm Lecording Channel Settings
Corresponding pe Linkage Method Include Alarm Tri Output, Trigger R Copy to:	gger Method, Alarm Lecording Channel Settings
Corresponding pe - Linkage Method Include Alarm Tri Output, Trigger F Copy to: Fortify Time #eekday:	gger Method, Alarm Lecording Channel Settings All Alarm Signals Copy
Corresponding pe Linkage Method Include Alarm Tri Output, Trigger R Copy to: Fortify Time Yeekday: Segnent1 0	gger Method, Alarm Lecording Channel Settings All Alarm Signals Copy
Corresponding per Linkage Method Include Alarm Tri Output, Trigger R Copy to: Copy to: Fortify Time Weekday: Segnent1 0 Segnent2 1	gger Method, Alarm Lecording Channel Settings All Alarm Signals ▼ Copy Monday
Corresponding per Unkage Method Include Alarm Tri Output, Trigger R Copy to: Fortify Time ¥eekday: Segnent1 0 Segnent2 1 Segnent3 1	gger Method, Alarm Lecording Channel Settings All Alarm Signals ▼ Copy Monday
Corresponding per Linkage Method- Include Alarm Tri Output, Trigger F Copy to: Fortify Time Weekday: Segnent1 0 Segnent2 1 Segnent3 1 Segnent4 1 Segnent5 1	gger Method, Alarm Lecording Channel Settings All Alarm Signals ▼ Copy Monday
Corresponding per Linkage Method- Include Alarm Tri Output, Trigger F Copy to: Fortify Time Weekday: Segment1 0 Segment2 1 Segment3 1 Segment3 1 Segment4 1 Segment5 1 Segment6 1 Segment7 1	gger Method, Alarm lecording Channel Settings All Alarm Signals Copy tonday tonday
Corresponding per Linkage Method- Include Alarm Tri Output, Trigger F Copy to: Fortify Time Weekday: Segnent1 0 Segnent2 1 Segnent3 1 Segnent4 1 Segnent5 1	gger Method, Alarm lecording Channel Settings All Alarm Signals Copy
Corresponding per Linkage Method- Include Alarm Tri Output, Trigger F Copy to: Fortify Time Weekday: Segment1 0 Segment2 1 Segment3 1 Segment3 1 Segment4 1 Segment5 1 Segment5 1 Segment7 1 Segment8 1	gger Method, Alarm Lecording Channel Settings All Alarm Signals ▼ Copy
Corresponding per Linkage Method- Include Alarm Tri Output, Trigger F Copy to: Fortify Time Weekday: Segment1 0 Segment2 1 Segment3 1 Segment3 1 Segment4 1 Segment5 1 Segment6 1 Segment7 1	gger Method, Alarm lecording Channel Settings All Alarm Signals Copy tonday tonday

Linkage	×
💛 Alarm Trigger Mode 🛛 🖷 Trigge	r Recording 🖕 PTZ Linkage
Analog Digital	
Channel 1 🗹 Channel 12	
Channel 2 Channel 13	
Channel 3 🗹 Channel 14	
Channel 4 Channel 15	
Channel 5 🗹 Channel 16	
Channel 6	
Channel 7	
Channel 8	
Channel 9	
Channel 10	
Channel 11	
Select All	
	OK Cancel

Channel no.: Analog camera 1 💌	
Si	witch to IP camera
Enable Motion Detection	
Setting Areas	
Area settings, sensitivity adjustment, there is limit on the number of areas	Settings
Fortify Time	
Alarm time setting , each day could be divided into 8 periods,fortify is valid in corresponding period	Settings
Linkage	
Alarm Trigger Mode, Alarm Output, Trigger Recording	Settings

6th step: Enter schedule recording interface. Click

5th step: Set recording channel triggered by alarm. Click "Settings" in "Linkage" menu and select "Trigger

Enable the recording channels you want.

Finable Recording to enable Recording.

Recording" tab.

Weekday:	Monday	• •	I Day Recording
🗹 Segment1 🛛 📑 :	0 🕂	24 🖶 : 🛛 畏	Motion Det 💽
📕 Segment2 🔲 芸 :	0 🕂		Schedule Rec 💌
🔲 Segment3 🔲 芸 :	0 🛨		Schedule Rec 🗾
🔲 Segment4 🛛 📑 :	0 🕂		Schedule Rec 🔄
🔲 Segment5 💽 📑 :	0 芸		Schedule Rec 💌
🔲 Segmentő 🔃 🚍 :	0 芸		Schedule Rec 💌
🔲 Segment7 🛛 📑 :	0 芸		Schedule Rec 💌
🔲 Segmentă 🚺 芸 :	0 🛨		Schedule Rec 💌
Copy to:	Whole Wee	ek 🔽 🗌	Сору

7th step: Set the recording time for alarm input.

Click "Settings" in "Recording Time" menu.

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

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

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

8.1.5 Other Recording Modes

Other Recording Modes are including "Motion detection & Alarm", "Motion detection | Alarm".

"&" means recording is triggered when two situations happened together;

"|" means recording is triggered when one of the situations happened.

The configurations are the same with "Motion detection recording" or "Alarm recording".

8.1.6 PCDVR Remote Configuration

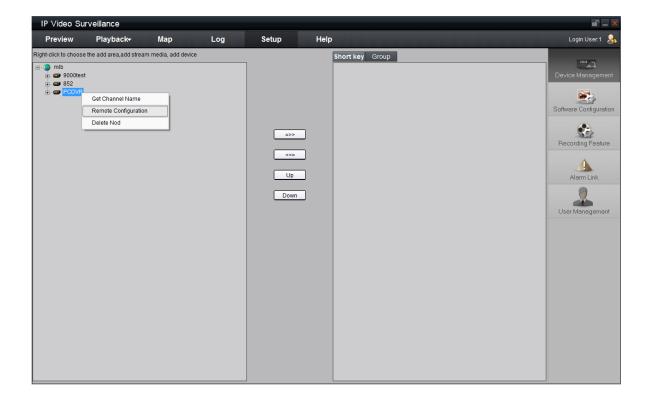
In this version of client software, the PCDVR can be added and configured remotely.

Please refer to $\underline{4.1.1}$ Add Device for details on adding PCDVR.

After PCDVR added in client software, you can right click the device name and select "Remote Configuration".



 \rightarrow Right click the device and select "Remote Configuration"



Remote Configuration contains two parts: Camera Configuration and IO Device.

Remote Config	Compression	
Compression Schedule Motion Detect	Select Camera	Camera01
Video Lost	Decode Type	Main Stream 🗨
PTZ Config	Stream type	Video Only
Alarm Sensor	Resolution	QCIF
	Image Quality	Level 3
	Bitrate Type	Variable
	Max Bitrate	32Kbps
	Frame Rate	3
	GOP Structure	IBBP
	Key Frame Interval	100
	Copy to	Note:Click this to copy configure to any channel!
Reboot Server Restore	•	OK Cancel

8.1.6.1 Camera Configuration

Camera Configuration contains 7 parts: Compression, Display, Recode Schedule, Motion Detect, Video Lost, Privacy Area and PTZ Configuration.

1. Compression

[Select Camera] Select a camera.

[Decode Type] The type of decode.

Decode Type contains tows types: Main Stream and Sub Stream.

a. Main Stream

Main Stream parameters contain: Stream Type, Resolution, Image Quality, Bit rate Type, Max Bit rate, Frame Rate,

GOP Structure, Key Frame Interval.

[Stream Type] setup the stream type;

[Resolution] setup the resolution. It can setup the resolution dynamically while recording;

[Image Quality] setup the image quality;

[Bit rate Type] setup the bit rate type. VBR: variable bit rate; CBR: constant bit rate;

[Max Bit rate] the maximum bit rate;

[Frame Rate] setup the frame rate;

[GOP Structure] setup frame group mode;

[Key Frame Interval] setup the interval of I frame. This parameter will affect the image quality.

b. Sub Stream

Sub Stream contain: Image Quality, Bit rate Type, Max Bit rate, Frame Rate, Key Frame Interval, shown as figure below.

Remote Config	Compression	
Compression	Select Camera	Camera01
Video Lost	Decode Type	Sub Stream
PTZ Config	Stream type	Video Only
Alarm Sensor	Resolution	QCIF
	Image Quality	Level 3
	Bitrate Type	Variable
	Max Bitrate	32Kbps
	Frame Rate	4
	GOP Structure	IBBP
	Key Frame Interval	12
	Copy to	Note:Click this to copy configure to any channel!
Reboot Server Restore		OK Cancel

Press [Copy to] to copy Compression parameters to any camera that you selected.

Copy to cam	era	_	— ×
Camera01	Camera02	Camera03	
Select All	Clear All	ОК	Cancel

2. Display

Display setup contains Camera Name and Date/Time setup.

Remote Config			
Camera Config	Display		
P Compression P Record Schedule P Motion Detect P Video Lost	Select Camera	Camera01	
 	🔽 Camer Name	Setting	
	Camera Name	Camera01	
	☑ Date/Time	Setting	
	Format	09:51:46 22/07/2009	
	Copy to	Note:Click this to copy configure to any channel!	
Reboot Server Restore		OK Cancel	

[Select Camera] Select a camera.

a. Camera Name setup

Setting the camera name and its position: Select the **[Camera Name]** check box, input the name directly and press **[Setting]** to enter the setup window. Drag and drop the icon **Camera01** to change its position.



b. Date/Time setup

Setting the Date/Time format and position:

Select the **[Date/Time]** check box, select a format and press **[Setting]** to enter the setup window. Drag and drop the icon **09:54:59 22/07/2009** to change its position.

Press [Copy to] to copy Display parameters (but containing no Camera Name) to any camera that you selected.

Date/Time Position S	etting 🗾
10:16:02 22/07/	2009
-	Share
	OK Cancel
Copy to camera	era02 🔲 Camera03

copy to came	and a		<u> </u>
Camera01	Camera02	🔲 Camera03	
Camera04			
Select All	Clear All	ОК	Cancel

3. Record Schedule

[Select Camera] Select a camera.Select the [Schedule] check box to set Recode Schedule.[Record Cycle (in day)] The recordings reserving time

Remote Config	Record Schedule	
Compression P Compression P Record Schedule Motion Detect Video Lost	Select Camera	Camera01
Privacy Area PTZ Config □ IO Device ↓ P Alarm Sensor	🔽 Schedule	Setting
	Record Cycle (in day)	7
	Copy to	Note:Click this to copy configure to any
		channe!!
Reboot Server Restore	•	OK Cancel

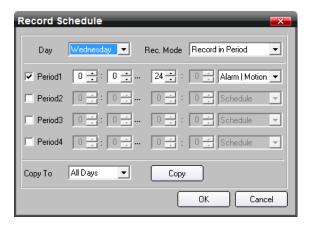
Press [Setting] to set the time of record

[Day] select one day, [Rec. Mode] support [Record All Day] and [Record in Period], if you select [Record All Day], the record period will not need to be configured.

Record So	hedule	_	
Day	Wednesday 💌	Rec. Mode	Record in Period
Period1			0 🕂 Alarm Motion 💌
Period2			0 🛃 Schedule 💌
Period3			0 🛃 Schedule 💌
Period4			0 🕂 Schedule 💌
Сору То	All Days 💌	Сору	
			OK Cancel

Otherwise, the record period needs to be configured:

[Period x] section time of recording. It can be set in [Record in Period] mode only; [Copy to] copy the parameters to other days; In [Rec. mode], if [Record all day] is enabled, the record mode is [Schedule] by default; if [Record in Period] is enabled, the record mode can be [Schedule], [Alarm | Motion], and [Schedule] record.



Copy to came	ra	_	×
Camera01	Camera02	Camera03	
Select All	Clear All	ОК	Cancel

4. Motion Detect

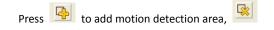
[Select Camera] Select a camera.

Press [Copy to] to copy Recode Schedule parameters to any camera that you selected.

Remote Config	×
E Camera Config	Motion Detect
Compression Record Schedule Motion Detect	Select Camera Camera01
····· Privacy Area ····· PTZ Config □···□ D Device	Motion Detect Area setting, Sensitivity adjustment, At most Setting 8 Area.
Alarm Sensor	I ✓ Enable Setting
	Event Linkage
	Triggering Decding, Alarm output, PTZ, Audio alarm, E-mail.
	I✓ Enable Setting
	Copy to Note:Click this to copy configure to any channe!!
·	
Reboot Server Restore	e OK Cancel

a. Motion Detect

Select the [Enable] check box and press [Setting] to set areas.



to delete the selected area, 🔯 to delete all areas,

and to set the whole image as motion detection area.

[Sensitivity] Sensitivity of motion detection, which has 7 grades 0-6.

[Motion value] The percent of motion areas in selected area, it is variable from 1 to 100.

b. Event Linkage

Guard Time: Users	can configure guard time
as all day or 4 periods.	

Trigger Record: Select the [Enable] check box, then set the [Pre-record] time and [Post-record] time, select the camera to record.

Move D	etect A	rea Setti	ng			×
10-19-5 Canetral	E 62.481	2/2009-				
-				-	No.	200
		A REAL	-	10 2001	10 5	al for
Sensitivity		. ų	4 24	- 0	- 🕵 I	2
Motion value		5		÷		
				OK		Cancel

Add Event Li	nkage		_		_	_	×
🕒 Guard Time	📽 Record	7	Relay Out	0	PTZ 🛛 🥥	Misce	llaneous
Guard Time							
Week Day	Wed. 💌	•	All Day				
🗖 Period1	0 <u>*</u> :	0	 	0	* *	0	×
🗖 Period2		0		0	<u>*</u> :	0	T T
🗖 Period3	0 <u>-</u> :	0		0	* *	0	×.
Period4		0	<u>→</u>	0	<u>.</u>	0	i i
Copy to	All Day: 💌		Сору				
					OK		Cancel

Add Event Li	nkage		_	×
🕒 Guard Time	📽 Record 🍃	Relay Out 🛛 💿 PT.	Z 🛛 😐 Miscellan	eous
🔽 Enable				
_	Post-record	3 🕂 Sele	ct All Clear	
Pre-record J				
Camera01	Camera02	✔ Camera03	✓ Camera04	
				- 1
				- 1
				- 1
				- 1
				- 1
				- 1
				- 1
		0	K Ca	ncel

Add Event Linkage	×
🕒 Guard Time 📽 Record	s
✓ Enable Alarm Duration 0	
Relay01	*
Relay05 ♥♣ Relay05 ₽₽ ₽₽ ₽₽ ₽₽ ₽₽ ₽₽ ₽₽ ₽₽ ₽₽ ₽	
	•
OK Cance	1

Add Event Linkage	_	_	-	
🕒 Guard Time 🥵 Record 🎬 I	Relay Out	💽 PTZ	😐 Mis	cellaneous
I▼ Enable		Add		Delete
CameraName	Go to Prese	et		
Camera02	Preset00			
-				
		OK		Cancel

s	elect pres	et	
	Preset		
	Camera	Camera02	•
	Preset	Preset00	•
		ОК	Cancel

Firstly, select the **[Enable]** check box, secondly, set the **[Alarm Duration]** and select the relay port.

PTZ: Firstly, select the [Enable] check box.

Secondly, set the **Calling Preset** by clicking the **[Add]** button.

Miscellaneous: Select the [e-Map] check box to trigger
e-Map, [Audio] and an audio file to trigger audio alarm, and
[E-mail] to trigger Email.

In the setup of triggering Email, if users want to send Email with snapshots, users should select the **[Attach Snapshot]** check box and the camera.

Add	l Event Lin	kage	_	_	
٩	Guard Time 🤄	😹 Record 🛛 🎘 Re	elay Out 🛛 💿	PTZ 🧕	Miscellaneous
	🔽 eMap				
	🔽 Audio	Base_MV_Audio			•
	🔽 E-Mail	🔽 Attach Snapsh	ot		
		Camera01			_
				OK	Cancel

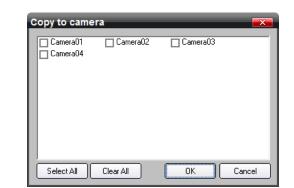
Camera01	Camera02	Camera03	
Select All	Clear All	ОК	Cancel

Press [Copy to] to copy Motion Detect parameters to any camera that you selected.

5. Video Lost

[Select Camera] Select a camera. If Users want to set the event linkage of Video Lost, users should select the [Enable] check box and press [Setting]. The event linkage of Video Lost is the same with Motion Detect.

Remote Config		×
⊡ <mark>⊜</mark> Camera Config	Video Lost	
Compression Compression Compression Compression Motion Detect Video Lost Privacy Area PTZ Config PTZ Config Compression ID Device Alarm Sensor	Select Camera Camera01	
	Copy to Note:Click this to copy configure to any channe!	
Reboot Server Restor	e OK Cancel	



Press **[Copy to]** to copy **Video Lost** parameters to any camera that you selected.

6. Privacy Area

[Select Camera] Select a camera.

Select the [Enable] check box and press [Setting] to set Privacy Area.

Remote Config		×
E 🔁 Camera Config	Privacy Area	
P Compression P Record Schedule P Motion Detect Video Lost Privacy Area	Select Camera	Camera01
Privacy Area	Privacy Area	Setting
	Copy to	Note:Click this to copy configure to any channell
Reboot Server Restor	e	OK Cancel



the area selected, 🔯 to delete all areas, and 🖪 to

set the whole the camera as privacy area. The area can be enlarged or dwindled and drag and drop one or more area to change their position.

Mask At	E GRAN	ting				
Sensitivity			i	, ļ	P	i 🗟 🛃
Motion value		0		-		
			(OK		Cancel
Copy to	came	ra		_	_	×
Cam	era01 era04	Camera	a02	Cam	era03	

Select All

Clear All

ΟK

Cancel

Press [Copy to] to copy Privacy Area parameters to any camera that you selected.

7. PTZ Configure

[Select Camera] Select a camera.
Select the [Enable] check box to set the PTZ parameters.
[Protocol] select a protocol;
[Address] Input the PTZ address;
[Baud rate] select the baud rate;
[Parity] select Parity check;
[Data bits] select the data bits;
[Stop bits] select the stop bits;
[Flow ctrl] select the flow control mode.

Remote Config	PTZ Config	
Compression	Select Camera	Camera01
	🔽 Enable	
PTZ Config	Protocol	
Alarm Sensor	Address	0
	Baudrate	9600 💌
	Parity	No Parity
	Databits	8
	Stopbits	
	Flowetrl	No FlowCtrl
	Copy to	Note:Click this to copy configure to any channe!!
Reboot Server Restore		OK Cancel

Press [Copy to] to copy PTZ Configure parameters to any camera that you selected.

Copy to came	ra	_	×
Camera01	Camera02	Camera03	
Select All	Clear All	ОК	Cancel

8.1.6.2 IO Device

IO Device contains only 1 part: Alarm Sensor.

[IO Name] Select an IO Device.

[IO Port] Select a Sensor of the current IO Device.

If Users want to set the event linkage of Alarm Sensor, users should select the [Enable] check box and press

[Setting]. The event linkage of Alarm Sensor is the same as Motion Detect.

Remote Config	Alarm Sensor
Camera Coning 	IO Name Device
Privacy Area	IO Port Sensor01
Alarm Sensor	Event Linkage Triggering Decding, Alarm output, PTZ, Audio alarm, E-mail.
	Copy to Note:Click this to copy configure to any Sensor port!
Reboot Server Restore	DK Cancel

Press **[Copy to]** to copy **Alarm Sensor** parameters to any IO port of the current IO Device that you selected.

Copy to came	ra	_	
Camera01	Camera02	Camera03	
Select All	Clear All	ОК	Cancel

8.2 Alarm

You can configure motion detection alarm, signal level alarm, video loss alarm and other alarm and linkage through client software.

8.2.1 Motion Detection Alarm

1st step: The same with the 1st step of <u>8.1.3 Motion Detection Recording</u>

2nd step: The same with the 2nd step of <u>8.1.3 Motion Detection Recording</u>

3rd step: The same with the 3rd step of 8.1.3 Motion Detection Recording

4th step: The same with the 4th step of <u>8.1.3 Motion Detection Recording</u>

5th step: Set the alarm linkage for motion detection and select alarm output channel.

Linkage	2
🏷 Alarm Trigger Mode 📕 Trigger Recording	
🔽 Warning on Monitor 📃 Audio Warning	
🔽 Upload to Center 🔽 Email Linkage	
🦵 Trigger Alarm Output	
Analog Digital	
Dutput Chan	
Output Chan	
☐ Output Cham ☐ Output Cham	
Select All Output Channel 2	
OK Cancel	

Alarm Linkages Description:

Linkage	Description
	When the alarm signal is detected, the image of corresponding channel will pop
Warning on Monitor	out as single screen.
Audio Warning	Alarm triggers buzzer
Upload to Center	Upload the alarm signal to the center, such as client software
E mail Linkaga	When the alarm signal is detected, the client software will send the email to the
E-mail Linkage	designated mailbox.
Tripper Aleren Output	Trigger alarm output of the device; if the device is 9000 series, triggering alarm
Trigger Alarm Output	output of IP channel can be selected as well.

8.2.2 Signal Level Alarm

1st step: The same with the 1st step of <u>8.1.4 Alarm Recording</u>.

 2^{nd} step: The same with the 2^{nd} step of <u>8.1.4 Alarm Recording</u>.

3rd step: The same with the 3rd step of <u>8.1.4 Alarm Recording</u>.

4th step: The same with the 4th step of <u>8.1.4 Alarm Recording</u>.

Linkage

5th step: Set the alarm linkage for signal level and select alarm output channel.

6th step: Set PTZ linkage for signal level alarm.

Note: Alarm input can link PTZ of several channels, but one channel can only link one option of preset, sequence and pattern.

🧐 Alarm Trigger Mode	e 🖪 Trigger	Recording	🖕 PTZ Linkage	_
Warning on Mon	itor	Audio 7	larning	
			-	
Vpload to Cent		🥅 Email I	.1nkage	
🦳 Trigger Alarm (Jutput			
Analog Digital				
Output Chan				
Output Chan				
0utput Chan				
Select All				
		OK	Cancel	
				_
Linkage				×
Linkage	e 🖪 Trigger	Recording		×
_	- E Trigger Channel 1	Recording		×
🤴 Alarm Trigger Mode				×
3 Alarm Trigger Mode Link Channel Preset No. :	Channel 1	-	🔶 PTZ Linkage	×
* Alarm Trigger Mode Link Channel Preset No. : Sequence No. :	Channel 1		 FTZ Linkage Enable Preset Enagle Sequence 	×
3 Alarm Trigger Mode Link Channel Preset No. :	Channel 1	-	 FTZ Linkage Enable Preset 	×
* Alarm Trigger Mode Link Channel Preset No. : Sequence No. :	Channel 1		 FTZ Linkage Enable Preset Enagle Sequence 	×
* Alarm Trigger Mode Link Channel Preset No. : Sequence No. :	Channel 1		 FTZ Linkage Enable Preset Enagle Sequence 	×
* Alarm Trigger Mode Link Channel Preset No. : Sequence No. :	Channel 1		 FTZ Linkage Enable Preset Enagle Sequence 	×
* Alarm Trigger Mode Link Channel Preset No. : Sequence No. :	Channel 1		 FTZ Linkage Enable Preset Enagle Sequence 	×
* Alarm Trigger Mode Link Channel Preset No. : Sequence No. :	Channel 1		 FTZ Linkage Enable Preset Enagle Sequence 	×
* Alarm Trigger Mode Link Channel Preset No. : Sequence No. :	Channel 1		 FTZ Linkage Enable Preset Enagle Sequence 	×
* Alarm Trigger Mode Link Channel Preset No. : Sequence No. :	Channel 1		 FTZ Linkage Enable Preset Enagle Sequence 	×

8.2.3 Video Loss

1 st step: !	Select the	e channel i	numb	er	for vid	eo lo	ss.
Select ᄐ	Channel	Parameters	5 →	8	Video 🛛	Lost	

Note: If the device is 9000 series DVR, you can click "Switch to digital channel" to configure the video loss of IP channel.

Channel no.: Analog camera 1	
🗖 Enable Video Lost	Switch to IP camera
Setting Areas Area settings, sensitivity adjustment, there is limit on the nun of areas	nber Settings
- Fortify Time Alarm time setting , each day could divided into 8 periods, fortify is valid i corresponding period	
Linkage Alarm Trigger Mode, Alarm Output, Trigger Recording	Settings

Channel no.: Analog camera 1 💌
Switch to IP camera
Setting Areas
Area settings, sensitivity adjustment, there is limit on the number of areas Settings
Fortify Time Alarm time setting , each day could be divided into 8 periods, fortify is valid in corresponding period
Linkage Alarm Trigger Mode, Alarm Output, Trigger Recording Settings

Weekday: Monday 🔽 Segment1 Segment2 Segment3 Segment4 Segment5 Segment6 Segment7 Segment8 Copy to: Whole Week Copy

🖔 Alarm Trigger Mode	
🔽 Warning on Monitor	🗌 Audio Warning
🔽 Upload to Center	🗌 Email Linkage
🥅 Trigger Alarm Output	
Analog Digital	
☐ Output Chan ☑ Output Chan ☐ Output Chan ☐ Output Chan	
Select All	

2nd step: Enable "Video Loss" to activate settings of "Fortify Time" and "Linkage"

3rd step: Set the fortify time for video loss.

Click "Settings" in "Fortify Time" menu.

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

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

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

4th step: Set linkage for video loss. Click "Settings" in the "Linkage" menu.

8.2.4 Video Tampering

 1^{st} step: Select the channel number for video tampering. Select and Channel Parameters $\rightarrow \mathcal{P}$ Video Tampering

Note: If the device is 9000 series DVR, you can click "Switch to digital channel" to configure the video tampering of IP channel.

2 nd step: Enable "Video Tampering Alarm" to activate
settings of "Setting Areas", "Fortify Time" and "Linkage"

3rd step: Set the video tampering area and sensitivity. The sensitivity can be divided into three levels: Low, Medium, and High.

Enable "Start Draw", and select the detection area by using mouse.

Channel no.: Analog camera 1 💌
Switch to IP camera
Setting Areas Area settings, sensitivity adjustment, there is limit on the number of areas
Fortify Time
Alarm time setting , each day could be divided into 8 periods,fortify is valid in corresponding period
Linkage Alam Trigger Mode, Alam Output, Trigger Recording
Channel no.: Analog camera 1 💌
Switch to IP camera
Setting Areas Area settings, sensitivity adjustment, there is limit on the number of areas
Fortify Time Alarm time setting , each day could be divided into 8 periods,fortify is valid in corresponding period
Alarm Trigger Mode, Alarm Output, Trigger Recording Settings
Area Settings
✓ Start Draw Sensitivety:
Low Medium High
OK Cancel

Weekday: Winday V Segnent1 0 : 0 24 : 0 Segnent2 : : 24 : 0 : Segnent2 : : : : : : Segnent3 : : : : : : Segnent3 : : : : : : Segnent4 : : : : : : : : Segnent4 : : : : : : : : : : Segnent6 :									
Segment2 :		Weekd	ay:	londa	y		•		
Segnent3 :	🔽 Segmer	nt1	0]:	0 🗮		24] :	0 芸
Segnent4 : : : Segnent5 : : : : Segnent5 : : : : : Segnent6 : : : : : : Segnent6 : : : : : : Segnent7 :	🗖 Segmer	nt2	0 -	:			0 -	1 :	
Segment5 :	🔲 Segmer	at3	0 -	:			0 -	:	
Segment6 :	🔲 Segmer	at4		:			0 =	:	
Segment7 :	🔲 Segmer	at5	0	:			0 -	1 :	
Segnent8 :	🔲 Segmer	at6		:			0 =	:	
Copy to: Whole Week v Copy	🔲 Segmer	at7		:			0 =] :	
~ , <u> </u>	🥅 Segmer	nt8		:			0 -] :	
	larm Trig					Aud	OK) [Cancel
Upload to Center 📃 Email Linkage		g on M	onitor		1		io Warn:	-	Cancel
Upload to Center 🦳 Email Linkage Trigger Alarm Output	Warnin; Upload	g on M to Ce:	onitor nter	ıt	1		io Warn:	-	Cancel
Trigger Alarm Output	Warning Upload Trigger	g on M to Ce: r Aları	onitor nter n Outp	ıt	1		io Warn:	-	Cancel
Trigger Alarm Output nalog Digital	Warning Upload Trigger nalog	g on M to Ce: r Alari Digit:	onitor nter n Outp al	ıt	1		io Warn:	-	Cancel
Trigger Alam Output nalog Digital	Warning Upload Trigger nalog	g on M to Ce: r Alarr Digit: Chan.	onitor nter n Outp al	ıt	1		io Warn:	-	Cancel
Trigger Alarm Output nalog Digital	Warning Upload Trigger nalog Output	g on M to Ce: r Alari Digit: Chan. . Chan.	onitor nter n Outp al	ıt	1		io Warn:	-	Cancel

🗌 Select All

4th step: Set the fortify time for video tampering.

Click "Settings" in "Fortify Time" menu.

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

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

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

5th step: Set linkage for video tampering. Click "Settings" in the "Linkage" menu.

8.2.5 Exceptions

Exception parameters are for the alarm handle of abnormal event, which is including "HDD Full", "HDD Fault" (HDD errors or HDD not initialization), "Network Broken", "IP Address Conflict", "Illegal Access" (user name or password wrong), "Video Output Standard Mismatch" and "Video Signal Exception" (video signal unstable).

Select the exception type and handle method. Select Select Strengtion Parameters to enter configuration interface.

Exception Type: HDD Full	-
Alarm Handle Method:	
🔽 Warning on Monitor	Audio Warning
🔲 Upload to Center	🗌 Email Linkage
🥅 Trigger Alarm Output	
Analog Digital	
Output Chan	
Output Chan	
Output Chan	
Dutput Chan	
Select All	Output Channel 2

8.3 Network Configuration

8.3.1 Basic Configuration

Select 盲 Network Parameters -> 🦻 Network Settings Configure the network according to the actual situation. If there is DHCP server in the network, enable "Obtain Auto" and reboot the device to get the IP address under this network segment automatically.

NIC Type:	10M/100M/1000M Au	
Device IP:	172 . 8 .104 .11 🔽 Obtain #	iuto
Device Port:	8000	
Subnet Mask:	255 .255 .255 . 0	
Default Gateway:	172 . 8 .104 . 1	
MAC:	00:81:31:51:20:08	
Multicast:	0.0.0.0	
HTTP Port:	80	
	Adv	ance
Advance		×
Advance Advanced Network :	Settings	×
		×
Advanced Network :	ver1: 192.0.0.200	×

àl ar

IP server IP IP s

er port

OK

Cancel

Select "Advance" to enter advanced configuration. You can configure preferred DNS server1 and spare DNS server2, IP address of alarm host and IP server.

Parameters	Description
DNS1 DNS2	Preferred and spare DNS server
Alarm host	Alarm signal can be uploaded to the IP address automatically
IP sever	IP address of IP server

8.3.2 PPPoE

Select 📄 Network Parameters -> 🦻 PPPOE Settings Enable PPPoE by ticking **v**, input the user name and password, then save the changes and reboot the device to make the parameters become effective.

If succeed to dial, the current IP address will be displayed in the blank "DDNS IP".

DDNS IP:	0.0.0.0
User name:	
Password:	
Password verify:	

8.3.3 DDNS

Adopting DDNS function can solve the problems caused by dynamic IP.

Click 📄 Network Parameters 🔶 🥬 DDNS Settings

Enable DDNS.

If the "IPServerIP" is selected as protocol, then input the address where the IP server is running.

🔽 Enable DDNS	
Protocol Type:	IPServerIP 💌
Server Name:	
Port:	0
User name:	
Password:	
Password verify:	
Domain:	

🔽 Enable DDNS	
Protocol Type:	Dyndns 💌
Server Name:	members. dyndns. com
Port:	0
User name:	test
Password:	*****
Password verify:	****
Domain:	test.dynlia.com

🔽 Enable DDNS	
Protocol Type:	PeanutHull
Server Name:	test. vicp. net
Port:	0
User name:	test
Password:	****
Password verify:	****
Domain:	

If the "Dyndns" is selected as protocol:

Server Name: Input the IP address of the server, such as members.dyndns.org;

Domain: the domain name that user applied for the device, such as test.dynlia.com;

User name, password and verify: the account

information that user registered on the Dyndns website.

If the "Peanut Hull" is selected as protocol: Input the user name and password applied on the Peanut Hull website to visit the device by the applied domain name.

8.3.4 NTP

Adopting NTP function can enable client software to synchronize the time and data of the device regularly.

Select 盲 Network Parameters 🚽	→ NTP Settings
Tick 💌 to enable NTP functi	
🚺 Note: Time Synchronizat	ion Interval: 0~10080 min

(default 60min). If the device connected to the public network, the IP address of NTP server provided by carrier can be input in the blank "Server Address";

If the device connected to private network, the IP address of NTP server built by NTP software can be input the blank "Server Address".

🔽 Enable NTP	
Server Address: NTP Port: Synchronization	123 50 - Hour
Select Time Zone: (GMT) Dublin, Edin	
GMT: 🦳 📥 Hor	nr 0 🔆 Minute 🔽 Adjust
GWT: Ko	ar 🛛 📩 Minute 🔽 Adjust

8.3.5 NFS

By NFS configuration, recorded data can be saved to the network storage disk provided by NAS server.

Select 盲 Network Parameters 🄶 🦻 XFS Settings
Input the IP address of NAS server in the blank "Server IP
address"; input the saving path allocated by NAS server in the
blank "File Path".

Note: Make sure that the device supports NFS function

and NAS server allocated the storage space correctly. DS-9000 device does not support NFS function.

Disk No.	Server IP Address	File Path
1	172.8.97.11	/dvr/123
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	
7	0.0.0.0	
8	0.0.0.0	

8.3.6 E-Mail

Through E-mail configuration, the e-mail can be sent to the designated mailbox when there is an alarm.

Select \cong Network Parameters $\rightarrow \mathscr{P}$ E-mail Settings If server authentication is needed, enable it (i.e. \checkmark) and

input user name and password.

Input the sender and recipient information, if need to send picture, you can enable "Attachment" (i.e.

Note: Make sure that the device supports email

function and NAS server allocated the storage space correctly. DS-9000 device does not support email function.

User na Passwo		
Passw	ord *****	Server Authenticati
Sender/Rece	iver Details:	
	User Name	Email Address
Sender	sender	sender@cba.com
Receiver1	recipient	recipient@abc.com
Receiver2		
Receiver3		
		Delete
Interv	al: 2s	 Attachment
	al: 2s TP: smtp@abc.	
SM		com

8.4 Channel Configuration

8.4.1 Channel Display Settings

Select [→] Channel Parameters → *P* Display Settings You can configure channel name, OSD and related parameters here.

Channel no.:	Analog Channel 1	•
		Switch to digital
V Show Channel	Name	
Channel Name:	Camera Ol	(Cannot Copy)
x	512 📩	ү 416 🚞
Show OSD		
OSD Type:	24 hour	•
Show Status:	Non Transparent &	No: 💌
Show Type:	ММ-DD-YYYY	💌 🔽 Display Week
х	0 📑	ү 32 🚞
Copy to:	All Channels	Copy
Copy to:	All Channels	Copy

8.4.2 Video Mask

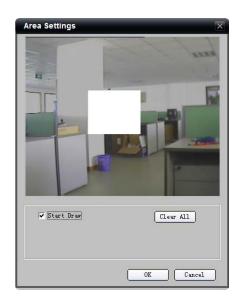
1st step: Select channel number, and enable video mask (i.e.

Select 🚞 Channel Parameters 🔶 🦻 Video Mask

Note: If the device is 9000 series, click "Switch to

digital" to choose IP channel and configure the parameters.

Channel no. : 🛛 Analog Channel 1 💌]
✓ Enable Video Mask	Switch to digital
Setting Areas Area settings, sensitivity adjustment, there is no limit on the number of areas	Settings
Fortify Time Alarm time setting , each day could	
be divided into 8 periods, fortify is valid in corresponding period	Settings
Linkage	
Alarm Trigger Mode, Alarm Output,Trigger Recording	Settings



8.4.3 Text Overlay

2nd step: Set the mask area.

clicking and dragging the mouse.

Click "Settings" to enter area set menu.

Enable "Start Draw" (i.e. M), select the mask area by

You can add characters on the screen of the channel.

Select Channel Parameters → Prext Overlay
Tick "Strings 1" (i.e. I") to enable text overlay, double
click the strings area to input the characters you want to
overlay on the screen.

Note: If the device is DS-9000, then only analog

channel support text overlay.



8.5 Account Management

The default user name and password of device administrator are "admin" and "12345". Administrator can remote add, delete users or distribute authority for users. The new added users are divided into two levels: user and operator. (For "Remote Configuration" privilege, operator has "Voice Talk" right, user does not; for "Channel Configuration" privilege, operator has all the rights, user has local playback, remote playback rights.)

User Name	Priority	IP Address	Add
admin	User		
			Delete
			Modify
. 1			-
<			>
Privilege			Allow
Local PTZ	Control		
Local Man	ual Recording		
🗷 Local Play	yback		✓
Local Par	ameter Settings		V
Local Log	Query		
Local Adv	anced Management		~
Local Rea	ding Parameters		✓
Local Cha	nnel Management		V
Local bac	kup		
	tdown/Reboot		V
Local Shu			
Local Shu Remote PT	Z Control		—

 User Information

 User name:
 abc

 Password:

 Password verify:

 Priority
 User

 IP Address
 0 . 0 . 0 . 0

 Physical Address
 00:00:00:00:00

 eg:
 d0:40:30:41:03:a0

Click "Add" to add user.

Select 📄 Account Management

Note: If you set the IP address or physical address,

and then only the PC with the same IP address or physical address can visit the device through network.

Click "Modify" to change the user name and password; click "Delete" to delete the user.

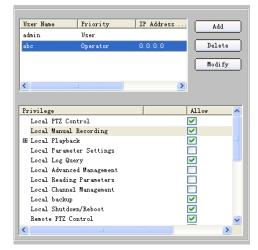
Status I means privilege granted, status I means privilege not granted.

If the privileges are related to channels, then status means granting the privileges of all channels; status means granting no privileges of all channels.

Click I to unfold the channels, and set the privilege for each channel. If only part of channels have operating privileges, the status will be .

Note: Please refer to the user manual of the device for

the detailed descriptions on privileges.



8.6 Others

Remote Upgrade:

HDD Format:

Click 盲 HDD Format

Click 🚞 Update Remotely

Click "Browse" to search the local upgrade file, click

1 Note: Please backup the data before formatting

"Upgrade" to start upgrade remotely.

₩DD 01 76318 75136 Horma ₩DD 09 9980 9728 Norma Salect All Format Salect All WDD formatting status: Format Salect All Format	9728 Nor
< Salect All Format	
Select All	
✓ Select All	
✓ Select All	
✓ Select All	
	Format
HDD formatting status:	
AUU formatting status:	

Upgrade File: C:\SaveRemoteCfgFile\8000_co Browse

Upgrade

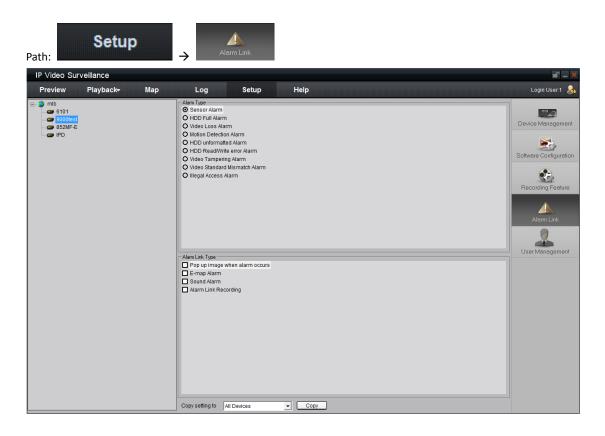
Remote Upgrade

hard disk.

Chapter 9 Alarm Linkage

According to the various alarm signals uploaded from the device, client software can configure the different linkages for them.

9.1 Linkage Configuration



1st step: Select the device from the device area on the left, activate the alarm type and alarm linkage type options.

 2^{nd} step: Select the alarm type, after selected, the alarm type status will become **O**.

Alarm Type -----O Sensor Alarm

- O HDD Full Alarm
- O Video Loss Alarm
- O Motion Detection Alarm
- O HDD unformatted Alarm
- O HDD Read/Write error Alarm
- O Video Tampering Alarm
- O Video Standard Mismatch Alarm
- O Illegal Access Alarm

 3^{rd} step: Select the alarm linkage type for the alarm type, and status \checkmark means selected.

— Alarm Link Type — — — — — — — — — — — — — — — — — — —
Aldini Link Type
Pop up image when alarm occurs
E-map Alarm
🗹 Alarm Log
Sound Alarm
Alarm Link Recording

Descriptions on Alarm Linkage Type

Linkage Types	Descriptions
Pop up image when alarm occurs	Pop up single screen image when alarm occurs
E-map Alarm	When alarm occurs, the related hotspot in the e-map twinkles
Alarm Log	Record a log on the alarm information when alarm received
Sound Alarm	Alarm triggers local alarm sound
Alarm Link Recording	Alarm triggers local recording of alarm channel

Note: Before alarm linkage configuration, the alarm schedule and handle method of the device are required to

set correctly.

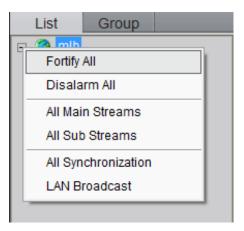
9.2 On Guard & Off Guard

You can choose "On Guard" and "Off Guard" to decide whether to handle alarm signal or not.

Right click the device name in the preview mode, and select "Fortify" to enable to monitor the alarm of the device; and the icon of the device will become as

List	Group	
	5101	
	000test	
Fortify		
Device S	Synchronizati	ion
Open in	tercom char	nnel 1
Open in	tercom char	nnel 2
Device S	Status	
Alarm O	utput Contro	I
✓ All Main	Streams	
All Sub S	Streams	
Remote	Control Pan	el

List	Group	
🖃 🌍 mlb		
÷		
Cancel	Cuard	
Device	Synchronizat	tion
Open in	ntercom cha	nnel 1
Open i	ntercom cha	nnel 2
Device	Status	
Alarm C	utput Contro	bl
All Main	Streams	
All Sub	Streams	
Remote	Control Par	nel



If the device is on guard, right click the device name, you can select the "Cancel Guard" to cancel monitoring the alarm

of the device.

Right click the area name, select "Fortify All" or "Disarm All" for the whole devices of the device.

After the device or the area fortified, the alarm linkage will become effective when there is an alarm of the device.

Chapter 10 E-Map

Video Surveillance									s -
Preview Playback -	Мар	Log	Setup		Help				Login User:1
			<u> </u>	Q	2	Q	H		

Toolbar Buttons Descriptions:

Buttons	Descriptions	Buttons	Descriptions
	Enable/Disable Map Edit	5 A A	Enter/Exit Full Screen
Q	Zoom Out	+	Previous Page
Q	Zoom In	+	Next Page
Q	Zoom Adjustment	•	Upper Level

10.1 Add Map

1st step: Click *b*utton to enter map edit mode, the cursor will become as

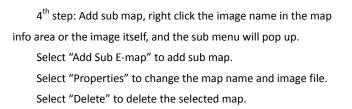
2nd step: Right click the black area and select "Add Map" (or click is button to display Map Info Area and right click the area and select "Add Map"), then the add map window will pop up.

3rd step: Add the map.

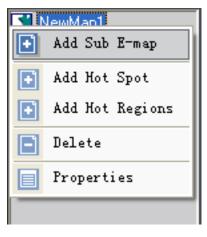
Click "Browse" to search the image file on the local PC. Click "OK" after renaming the file to finish.



Note: Supported file formats are BMP & JPEG.



E-map	X
E-map	NewMap1
C:\Documents a	nd Settings\Libo\My Documents\My Pic
	OK Cancel



10.2 Map Configuration

Map configurations need to be done under the map edit mode.

10.2.1 Hot Spot

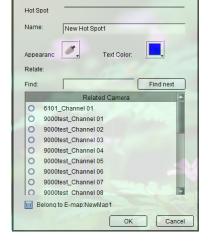
Through hot spot configuration, user can mark out the location and live view of the monitoring points on the e-map.

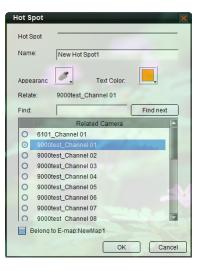
10.2.1.1 Add Hot Spot

1st step: Enter add hot spot interface. Right click the image name in the map info area or the image itself, and select "Add Hot Spot".

	JewMan1
Ð	Add Sub E-map
€	Add Hot Spot
	Add Hot Regions
Ð	Delete
	Properties

Hot Spo





2nd step: Input the name of hot spot, click and

select the icon for hot spot.

You can also click 🛄 to change the color of

characters.

3rd step: Select the channel you want to relate to in the list "Related Camera", and press "OK" to finish.

After succeed to add hot spot, move the mouse to the icon of hot spot, it will become as $\frac{h}{2}$, and you can move the hot spot by pressing left button and dragging.

Hot S	pot 🗙
Hot S	pot
Name	e: New Hot Spot1
Appea	aranc 🖉 Text Color:
Relat	e: 9000test_Channel 04
Find:	9000 Find next
	Related Camera
0	6101_Channel 01
0	9000test_Channel 01
0	9000test_Channel 02
0	9000test_Channel 03
0	9000test_Channel 04
0	9000test_Channel 05
0	9000test_Channel 06
0	9000test_Channel 07
0	9000test Channel 08
B	Belong to E-map:NewMap1
	OK Cancel

Input the key words in the "Find" blank, click

Find next

to find the channel whose name

embraces the key words.

If the alarm links to e-map is set as alarm handling method, in the non-edit mode the hot spot will twinkle when there is an alarm of related channel triggered. Double click the hot spot; the live image of the related channel will pop out.

10.2.1.2 Edit Hot Spot

In the edit mode right click the icon of the hot spot, the edit menu will pop up.

Select "Delete" to delete the hot spot; select "Properties" to change the name, appearance and related monitoring point of the hot spot.

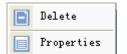
10.2.2 Hot Region

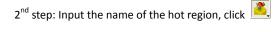
Hot region configuration can be used for displaying the sub map in the main map.

10.2.2.1 Add Hot Region

1st step: Enter hot region adding interface.
Right click the image name in the map info area or the image itself, and select "Add Hot Regions".

51	NewMan1
Ð	Add Sub E-map
Ð	Add Hot Spot
€	Add Hot Regions
•	Delete
	Properties
_	





button to select icon for hot region.

You can also click 📃 to change the color of

characters.

ot Area Hot Area		-	
Name:	New Hot Reg	gion1	
Appearanc	3	Text Color:	
Relate:			
	D.	elated E-map	
O Newl	11 11 11 11 11 11 11 11 11 11 11 11 11	aled E-map	
O Newl	11 11 11 11 11 11 11 11 11 11 11 11 11	Pared C-map	

Hot Area		
Hot Area		
Name:	New Hot Region2	
Appearanc	Text Color:	
Relate:		
	Related E-map	ALC: NO.
O New	Wap1	
O New		
	-	
🔲 Belong	to E-map:NewMap1	A.
1	ОК	Cancel

 3^{rd} step: Select the map from the "Related E-map" list, and press "OK" to finish.

After succeed to add hot region, move the mouse to the icon of hot region, it will become as \sqrt{h} , and you can move the hot region by pressing left button and dragging.

After hot region related to the map, double click the hot region icon in the non-edit mode will show the related map.

1 Note: You cannot edit map unless in the edit mode.

10.2.2.2 Edit Hot Region

In the edit mode right click the icon of the hot region, the edit menu will pop up.

Select "Delete" to delete the hot region; select "Properties" to change the name, appearance and related map of the hot region.

-	Delete
	Properties

Ð	Add Sub E-map
€	Add Hot Spot
Ð	Add Hot Regions
	Delete Map
	Delete All Link
	Properties

Right click the map in the edit mode, select "Delete All Link" to delete the all hot spot and region of the map.

Chapter 11 Utilities

11.1 Software Configuration

Setup	Software Configuration			
Playback Configura	ion)
Cycle Play		Cycle Time(s)	20	
Playback Fea	ture Throw no frame	▼ Network Feature	The best fluency 💌	
Display Mode	4:3	•		
Image Capture Con	figuration	_)
l ⊂ Capture b	y JPEG Format			
Resolution	CIF	✓ Image Quality	Best	
Synchronization Fur	oction Synchronization)
Path Configuration	Synchronization	Synchronization at:	00:00:00	ן
	or remote files downloading	C:\DownLoad	Browse	
Saving path f	or image capture	C:\Picture	Browse	
Saving path f	or remote configuration file	C:\SaveRemoteCfgFile	Browse	
		Advanced	Save	

Descriptions on Software Configuration:

Software Configuration	Descriptions	Descriptions
	Cycle Play	means enable it
	Cycle Time	Set the time of cycle play
	Diaulaa du Caatuura	Configure the playback performance, whether to drop B
Playback Configuration	Playback Feature	frame
	Network Feature	Set the instantaneity and fluency for preview
	Window Display	Sat the display ratio of proving window
	Mode	Set the display ratio of preview window
langer Conture	Caratura Incara hu	means JPEG format
Image Capture	Capture Image by	🔲 means BMP format
Configuration	JPEG Format	Image resolution and quality can be configured
Synchronization Function	Auto Synchronize	means enable it, and user can set the time for

		synchronization
	Remote Download	Cat the noth far remate downloading recorded files
	Path	Set the path for remote downloading recorded files
Path Configuration	Capture Saving	The saving path of captures from preview or playback
	Path	The saving path of captures from preview of playback
	Configuration File	The saving path for exporting the configuration file
	Saving Path	The saving path for exporting the configuration file

Advanced	
Alarm Configuration	
Alarm Use Sound Card	
Alarm Delay(s)	10
Log Maintenance	
Alarm Log Saving Time	One Week
Operation Log Saving Time	One Week
System Log Saving Time	One Week
Startup Config	
Start software with the system	Automatic Login
Resume the state of Preview	
Other Configuration	
Enable Alarm Screen	E-map Two Screens Displ: 💌
Start Inspection	Serial Number: NULL 💌
	Save Quit

Descriptions on Advanced Configuration:

Click "Advanced Configuration" to enter alarm configuration, log maintenance

and other configurations.

Advanced Configuration	Descriptions	Descriptions
	Alarm Use Sound Card	means audible alarm outputs from sound card
Alarm	Alarm Delay	Set the time length of the alarm delay
Configuration	Alarm Monitoring Port	The port used for the device to upload alarm actively, which
	Alarm Monitoring Port	needs to the same with device configuration.
	Alarm Log Saving Time	The retention period of the alarm log in the database
Log Maintenance	Operation Log Saving Time	The retention period of the operation log in the database
	System Log Saving Time	The retention period of the system log in the database
	Enable Alarm Screen	Pop up the warning dialog box when error occurs
Other	E-map Two Screen Display	Select two screen display for e-map or remote playback
Other	Start Inspection	ullet means start to inspect the status of the current devices
Configuration	Auto Login	🔽 means enable it
	Serial Number	Serial number for keyboard control

After enable inspection, if the device is offline, then the alarm light will twinkle, and the detailed information will be listed; if the device is on line, the alarm light stop twinkling and the on line information will be listed as well.

 Time
 Alarm Events

 ① 09-07-21 15:16:04
 Device: 9000test is off line.

11.2 Log Management

Log to enter the manage interface

11.2.1 Log Query

Click

1 st step: Select the area,	, device or channel you want to search from.
--	--

Center ATM-DVR S000 S000	C Query by userLog Type	Operation 2009- 3-1		Minor Type End time	All 2009-	3-18 🔽 23:59	59	
		ID	Operation time	Contents		Operator User Na		Server Name
		•						

2nd step: Select type and subtype for the log you want to search for.

Genter Genter	Query by userLog Type	Operat Operati Alarm L System Remote	ion Log on Log Og Log	Minor Type End time	All 2009-	3-18 💌 23:59	59	
		ID	Dperation time	Contents		Operator User Na	Area Name	Server Name
					-			D

System Log: Record information on login, logout and software configuration.

Operation Log: Record information on the software operation.

Alarm Log: Record information on the alarm and it needs to be linked as alarm link type.

Remote Log: Record information on operations of the remote device.

3rd step: Select the start time and end time for the log query, click button and the logs match condition will

show in the	show	in	the	list.
-------------	------	----	-----	-------

IM-DVH Query by useiLog Type 000 000	opera	tion Log	Minor Type	4.0		•	
Start Time	2009-	3- 2 🗸 00:00:00	End time 2	009-	3-18 🚽 23:59	:59	\sim
⊡- <mark>Operation Log</mark>	ID	Operation time	Contents		Operator User Na	Area Name	Server
2009-03-02	0001	2009-03-11 09:37:40	Start Preview		1	center	ATM-DVF
2009-03-03	0002	2009-03-11 09:37:40	Start Preview		1	center	ATM-DVF
2009-03-04	0003	2009-03-11 09:37:40	Start Preview		1	center	ATM-DVF
2009-03-05	0004	2009-03-11 09:37:40	Start Preview		1	center	ATM-DVF
2009-03-06	0005	2009-03-12 15:01:06	Start Preview		1	center	ATM-DVF
···· 2009-03-07 ···· 2009-03-08	0006	2009-03-12 15:01:06	Start Preview		1	center	ATM-DVF
	0007	2009-03-12 15:01:06	Start Preview		1	center	ATM-DVF
2009-03-09	0008	2009-03-12 15:01:06	Start Preview		1	center	ATM-DVF
- 2009-03-10	0009	2009-03-12 16:22:37	Local Recording Files Query		1	center	ATM-DVF
- 2009-03-12	0010	2009-03-12 16:22:42	Local Recording Files Query		1	center	ATM-DVF
- 2009-03-13	0011	2009-03-12 16:22:44	Local Recording Files Query		1	center	ATM-DVF
- 2009-03-14	0012	2009-03-12 16:22:49	Local Recording Files Query		1	center	ATM-DVF
- 2009-03-15	0013	2009-03-12 16:22:52	Local Recording Files Query		1	center	ATM-DVF
- 2009-03-16	0014	2009-03-12 16:22:57	Start Recording	1	1	center	ATM-DVF
- 2009-03-17	0015	2009-03-12 16:23:08	Stop Recording	8	1	center	ATM-DVF
2009-03-18	0016	2009-03-12 16:23:23	Local Recording Files Query		1	center	ATM-DVF
	0017	2009-03-12 16:23:35	Local Recording Files Query		1	center	ATM-DVF
	0018	2009-03-12 16:23:36	Local Recording Files Query		1	center	ATM-DVF
	0019	2009-03-12 16:23:43	Local Recording Files Query		1	center	ATM-DVF
	0020	2009-03-12 16:23:46	Local Recording Files Query		1	center	ATM-DVF
	0021	2009-03-12 16:23:50	Local Recording Files Query		1	center	ATM-DVF
	0022	2009-03-12 16:23:52	Local Recording Files Query		1	center	ATM-DVF
	0023	2009-03-12 16:24:03	Local Recording Files Query		1	center	ATM-DVF
	0024	2009-03-12 16:24:05	Local Recording Files Query		1	center	ATM-DVF
	0025	2009-03-12 16:24:23	Local Recording Files Query		1	center	ATM-DVF
	0026	2009-03-12 16:24:24	Local Recording Files Query		1	center	ATM-DVF
	0027	2009-03-12 16:24:39	Start Recording	1	1	center	ATM-DVF
	0028	2009-03-12 16:40:58	Local Recording Files Querv		1	center	ATM-DVF
	0029	2009-03-12 16:41:03	Local Recording Files Query		1	center	ATM-DVF
	0030	2009-03-12 16:41:08	Local Recording Files Query		1	center	ATM-DVF
	0031	2009-03-12 16:41:15	Stop Recording	1	1	center	ATM-DVF
	0032	2009-03-12 16:41:21	Local Recording Files Querv		1	center	ATM-DVF

Double click the date in the list on the left, the logs of that day will show in the information list.

Query by userLog Type	Operatio	on Log	Minor Type A			-	
Start Time	2009- 3	10 🔽 00:00:00	End time 20)09-	3-18 🗾 23:59	£59 ÷	
Operation Log	ID	Operation time	Contents		Operator User Na	Area Name	Serve
2009-03-10	0001	2009-03-11 09:37:40	Start Preview		1	center	ATM-D
2009-03-11	0002	2009-03-11 09:37:40	Start Preview		1	center	ATM-D
2009-03-12	0003	2009-03-11 09:37:40	Start Preview		1	center	ATM-D
2009-03-13	0004	2009-03-11 09:37:40	Start Preview		1	center	ATM-D
2009-03-14	0005	2009-03-12 15:01:06	Start Preview		1	center	ATM-D\
2009-03-15 2009-03-16	0006	2009-03-12 15:01:06	Start Preview		1	center	ATM-D\
	0007	2009-03-12 15:01:06	Start Preview		1	center	ATM-D\
2003-03-17	0008	2009-03-12 15:01:06	Start Preview		1	center	ATM-D\
2003 03 10	0009	2009-03-12 16:22:37	Local Recording Files Query		1	center	ATM-DV
	0010	2009-03-12 16:22:42	Local Recording Files Query		1	center	ATM-DV
	0011	2009-03-12 16:22:44	Local Recording Files Query		1	center	ATM-D\
	0012	2009-03-12 16:22:49	Local Recording Files Query		1	center	ATM-DV
	0013	2009-03-12 16:22:52	Local Recording Files Query		1	center	ATM-DV
	0014	2009-03-12 16:22:57	Start Recording	S	1	center	ATM-DV
	0015	2009-03-12 16:23:08	Stop Recording	1	1	center	ATM-DV
	0016	2009-03-12 16:23:23	Local Recording Files Query		1	center	ATM-D\
	0017	2009-03-12 16:23:35	Local Recording Files Query		1	center	ATM-D\
	0018	2009-03-12 16:23:36	Local Recording Files Query		1	center	ATM-DV
	0019	2009-03-12 16:23:43	Local Recording Files Query		1	center	ATM-DV
	0020	2009-03-12 16:23:46	Local Recording Files Query		1	center	ATM-D\
	0021	2009-03-12 16:23:50	Local Recording Files Query		1	center	ATM-D\
	0022	2009-03-12 16:23:52	Local Recording Files Query		1	center	ATM-D\
	0023	2009-03-12 16:24:03	Local Recording Files Query		1	center	ATM-D\
	0024	2009-03-12 16:24:05	Local Recording Files Query		1	center	ATM-DV
	0025	2009-03-12 16:24:23	Local Recording Files Query		1	center	ATM-D\
	0026	2009-03-12 16:24:24	Local Recording Files Query		1	center	ATM-D\
	0027	2009-03-12 16:24:39	Start Recording	1	1	center	ATM-DV
	0028	2009-03-12 16:40:58	Local Recording Files Query		1	center	ATM-DV
	0029	2009-03-12 16:41:03	Local Recording Files Query		1	center	ATM-DV
	0030	2009-03-12 16:41:08	Local Recording Files Query		1	center	ATM-DV
	0031	2009-03-12 16:41:15	Stop Recording	1	1	center	ATM-D\
	0032	2009-03-12 16:41:21	Local Recording Files Query		1	center	ATM-DV

Note: Up to 2000 logs can be displayed every time.

11.2.2 Playback Linked Recordings

ID	Operation time	Contents		Operator	Area Name	Server Name	0
0001	2009-03-11 09:37:40	Start Preview		1	center	ATM-DVR	[19
0002	2009-03-11 09:37:40	Start Preview		1	center	ATM-DVR	[19
0003	2009-03-11 09:37:40	Start Preview		1	center	ATM-DVR	Cł
0004	2009-03-11 09:37:40	Start Preview		1	center	ATM-DVR	[19
0005	2009-03-12 15:01:06	Start Preview		1	center	ATM-DVR	[13
0006	2009-03-12 15:01:06	Start Preview		1	center	ATM-DVR	[1]
0007	2009-03-12 15:01:06	Start Preview		1	center	ATM-DVR	Cł
0008	2009-03-12 15:01:06	Start Preview		1	center	ATM-DVR	[13
0009	2009-03-12 16:22:37	Local Recording Files Query		1	center	ATM-DVR	
0010	2009-03-12 16:22:42	Local Recording Files Query		1	center	ATM-DVR	
0011	2009-03-12 16:22:44	Local Recording Files Query		1	center	ATM-DVR	
0012	2009-03-12 16:22:49	Local Recording Files Query		1	center	ATM-DVR	
0013	2009-03-12 16:22:52	Local Recording Files Query		1	center	ATM-DVR	
0014	2009-03-12 16:22:57	Start Recording	1	1	center	ATM-DVR	[1
0015	2009-03-12 16:23:08	Stop Recording	1	1	center	ATM-DVR	[1
0016	2009-03-12 16:23:23	Local Recording Files Query		1	center	ATM-DVR	
0017	2009-03-12 16:23:35	Local Recording Files Query		1	center	ATM-DVR	
0018	2009-03-12 16:23:36	Local Recording Files Query		1	center	ATM-DVR	
0019	2009-03-12 16:23:43	Local Recording Files Query		1	center	ATM-DVR	
0020	2009-03-12 16:23:46	Local Recording Files Query		1	center	ATM-DVR	
0021	2009-03-12 16:23:50	Local Recording Files Query		1	center	ATM-DVR	
0022	2009-03-12 16:23:52	Local Recording Files Query		1	center	ATM-DVR	
0023	2009-03-12 16:24:03	Local Recording Files Query		1	center	ATM-DVR	
0024	2009-03-12 16:24:05	Local Recording Files Query		1	center	ATM-DVR	
0025	2009-03-12 16:24:23	Local Recording Files Query		1	center	ATM-DVR	
0026	2009-03-12 16:24:24	Local Recording Files Query		1	center	ATM-DVR	
0027	2009-03-12 16:24:39	Start Recording	1	1	center	ATM-DVR	[1
0028	2009-03-12 16:40:58	Local Recording Files Query		1	center	ATM-DVR	
0029	2009-03-12 16:41:03	Local Recording Files Query		1	center	ATM-DVR	
0030	2009-03-12 16:41:08	Local Recording Files Query		1	center	ATM-DVR	
0031	2009-03-12 16:41:15	Stop Recording	1	1	center	ATM-DVR	[1
0032	2009-03-12 16:41:21	Local Recording Files Query		1	center	ATM-DVR	
					-		

If the logs contain linked recordings, then you can play them back.

Click icon $\mathbf{\widehat{M}}$ in the list to play back the linked recordings.

11.2.3 Export Log

Click 📕 button to export current logs as Excel or Txt format.

Export					? 🗙
Save in:	🧇 Software (E:)		•	← 🗈 📸 💷 +	
📁 Recent	Control				
Desktop					
My Documents					
My Computer					
My Network Places	File name:	Operation Log		•	Save
T Idees	Save as type:	Excel file(*.xls)		• (Cancel

11.3 User Management



Browiow	Diauthank	Mon	Log	Satur	Holp		Logis Lloort
Preview Add User User Name	Playback- Modify User Detet Us User Level		Log PTZ Color	uck g	Heip		Login User1

11.3.1 Add & Delete User

Right click the user list on the left, and select "Add User".

Input the user name, password and select the level for user, then click "OK" to finish.

There are two options for user level: Super User and Guest. Super User has all the rights by default; as for Guest, you need to set the rights for it.

User Name	User Level		
Ado	User		
	lify User		
	ete User		



Double click the user name or right click it and select "Modify User" to change the password and user level.

Note: The administrator registered when the software ran for the first can change password and user level; super user can change user password, guest has no rights on user management.

User Information					
User Information	on	1			
User	admin				
Old	*****				
New					
Verification:					
User Level:	Administrator				
	OK Cancel				

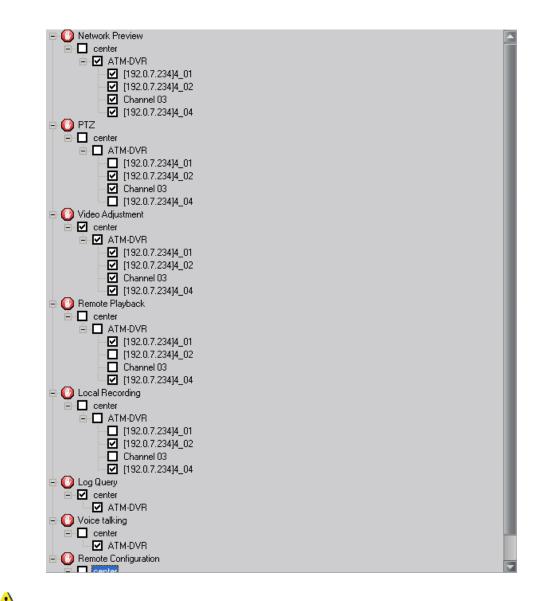
User Type	Privilege	Descriptions
Registered User	Add user	Add super user and normal user
	Madifuusar	Modify the levels of all users and privileges of normal
	Modify user	users
	Operation Privilege	With all privileges by default, cannot be changed.
Administrator	Add user	Add normal user
	Modify user	Modify the privileges of normal users
	Operation Privilege	With all privileges by default, cannot be changed.
Others	Add user	No privileges
	Modify user	No privileges
	Operation Drivilage	No local configuration privileges, needs to set the
	Operation Privilege	privileges first.

User Privileges Descriptions:

Note: The administrator can be modified in the login dialog box instead of the user management. The password cannot be null and should be more than 6 characters.

11.3.2 User Rights Distribution

Select a guest, and click the rights tree on the right to distribute the rights for user.



Note: The operations are available for the guest only when the corresponding rights are distributed.

Appendix 1

V2.00.01 New Features

- 1. User friendly GUI
- 2. 32 & 64 divisions are added to window division options.
- 3. User-defined name of alarm out
- 4. Preview window information can be memorized when exiting the client software.
- 5. Support remote playback, NAS VOD, VOD function, intelligent analysis and synchronous playback as well.
- 6. Dual VGA display in remote VOD interface
- 7. Add full screen of multi-channel and control in local playback interface
- 8. Max support 16 NVR server for centralized storage
- 9. Modified double-click enlargement mode in the preview interface
- 10. Pop-up remote configuration menu

V2.00.02 New Features

Preview

- 1. Add ESC button to exit full screen of multi-channel.
- 2. Add preview state resume function.
- 3. Add device remote control panel.
- 4. Add "Start Recording" & "Stop Recording" in the right-click menu when preview.
- 5. Add fortify state resume function.
- 6. Add 1003/1002KI, USB joystick control PTZ function.
- 7. Display thumbnail and save path of the capture, click thumbnail to open capture, save path to open capture folder.

Playback

- 8. Add NAS remote VOD function when device is offline (Succeed to playback files on NAS before).
- 9. Add click time bar to fix the position of all playback windows.
- 10. Add pause hint in synchronous playback.
- 11. Unified time bar and play control between remote VOD and local playback.

Configuration

- 12. Add startup with windows function.
- 13. Add wizard of add device.
- 14. Add default group.
- 15. Refine buttons of PTZ, video parameters, presets and sequence.
- 16. Add sequence configuration buttons.
- 17. Refine local and NVR recording menu.
- 18. Add motion detection recording in NVR configuration.

19. Add PCDVR configuration menu.

User

- 20. Input the password when admin change the user account.
- 21. Change "Super User" as "Administrator".
- 22. Add function buttons of "Add User", "Delete User" & "Modify User".
- 23. Add admin password length hint.

Мар

- 24. Add text color in the hot region and spot menu.
- 25. Add find function in the hot spot menu.
- 26. Up to 4 hot spot images in the map.
- 27. Enlarge hot spot image to 4CIF by double clicking.
- 28. Add previous map resume function when client software restarts.

Other

- 29. Add function of pressing F1 to open user manual.
- 30. Reorder the buttons in the main interface.
- 31. Add adjustable alarm info area function.
- 32. Add icon right-click menu after minimizing client software.
- 33. Add button tooltip in playback recordings linked by log
- 34. Move help menu to the main function pane.