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# Chapter1 Guide

## Setup1:

By default, when you connect the device to the monitor, insert mouse and connect power cable, press the ON/OFF button, the Guide Interface will be showed automatically as pic1-1.



pic1-1

The Guide setup can lead you to setup some important settings of the System. You can setup the system language at this page.

If you don't want to use the Guide setup at that moment, please click the Cancel button. You can also choose to use it next time by checking the "Start Up When Power On" checkout.

If it is your first time to open the System system, you should not cancel the guide, because you need to finish the network settings in the guide to help you register your system in the interface of register after Guide.

## Setup2:

Click" Next "button to continue the Guide setup, you will enter the Login page as pic1-2.

The screenshot shows a 'Guide' window with a dark header. Below the header, there are several input fields and a checkbox. The 'Language' dropdown is set to 'English'. The 'User Name' field contains 'admin' and the 'Password' field contains '\*\*\*\*\*'. The 'Modify Password' checkbox is checked. Below it, there are two empty fields for 'New Password' and 'Password Confirm'. At the bottom right, there are three buttons: 'Back', 'Next', and 'Cancel'.

Guide	
Language	English
User Name	admin
Password	*****
<input checked="" type="checkbox"/> Modify Password	
New Password	
Password Confirm	
Back Next Cancel	

pic1-2

The default username and password are both admin, you have to input the username and password to log in system. You can also change the password by checking the “Modify Password” checkbox.

Note:

1. For security reason, please modify password after your first login.
2. You have to input new password for twice correctly, then the new password will take effect.

### Setup3:

Click “Next” button to continue. System Date and Time will be shown in this Interface, showed as pic1-3.

The screenshot shows the 'Guide' window after clicking 'Next'. The 'Language' dropdown is still 'English'. Below it, there are two fields: 'System Date' showing '2016-11-16' and 'System Time' showing '10:29'. At the bottom right, there are three buttons: 'Back', 'Next', and 'Cancel'. The 'Next' button is highlighted in blue.

Guide	
Language	English
System Date	2016-11-16
System Time	10:29
Back Next Cancel	

pic1-3

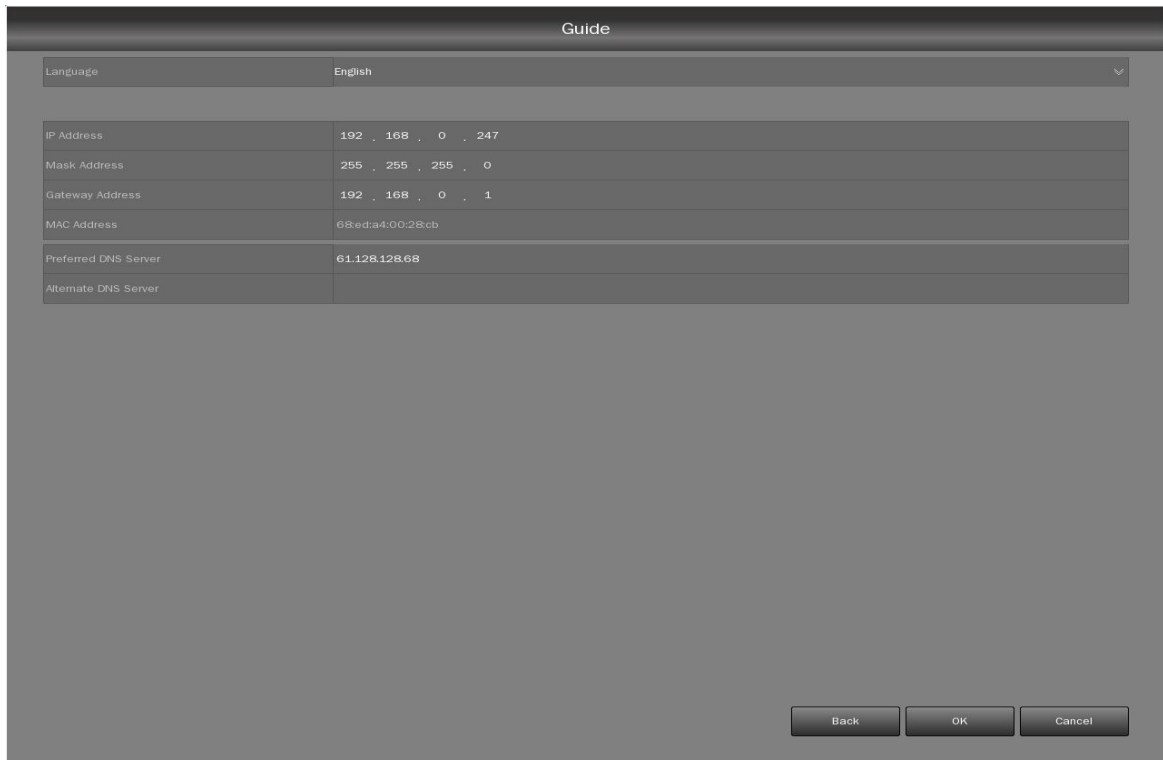
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**Note:**

In general, please do not modify the system date, because if you do this, the system will not be started successfully when you start it next time, if you have done so, you must restart the System system and enter the BIOS to modify the system date, about specific steps, please refer to the **Appendix A** for details.

**Setup4:**

Click “Next”to continue, you will enter the network setup as pic 1-4. Please input the correct IP Address, Mask Address, Gateway Address, and DNS Server.



The screenshot shows a window titled "Guide" with a dark gray background. At the top, there is a header bar with the title "Guide". Below the header, there is a section for "Language" with a dropdown menu set to "English". The main area of the window contains a table with network configuration fields. The table has two columns: the field name and the value. The fields are: IP Address (192 . 168 . 0 . 247), Mask Address (255 . 255 . 255 . 0), Gateway Address (192 . 168 . 0 . 1), MAC Address (68:ed:a4:00:28:cb), Preferred DNS Server (61.128.128.68), and Alternate DNS Server (empty). At the bottom right of the window, there are three buttons: "Back", "OK", and "Cancel".

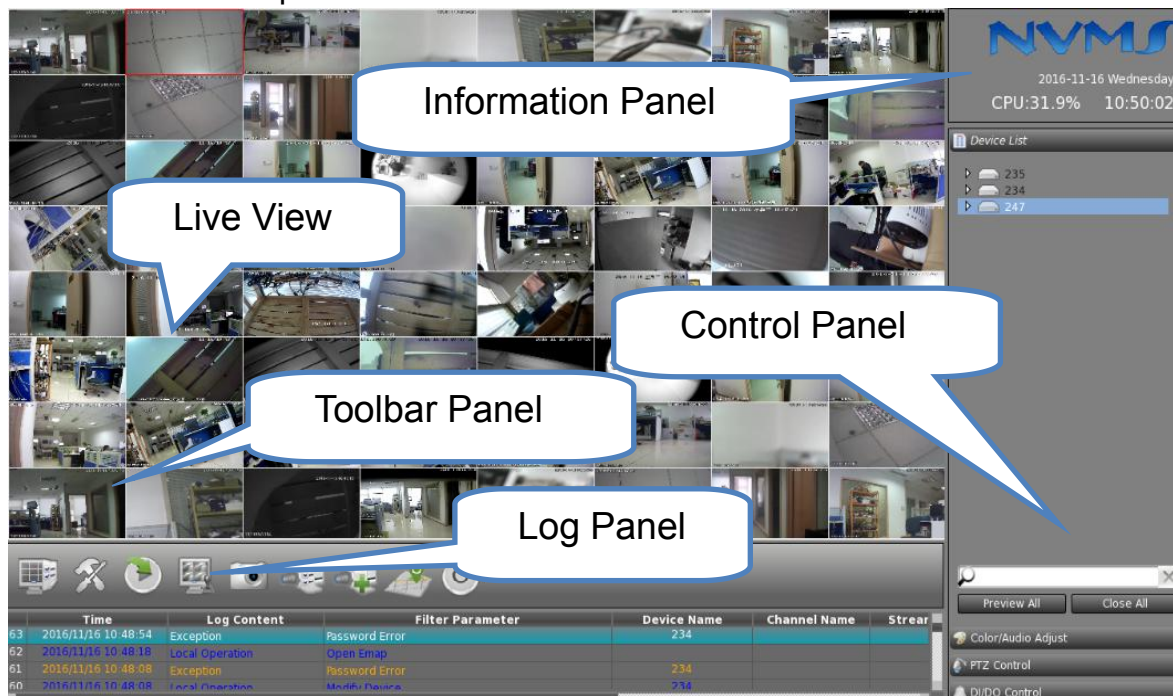
Field	Value
Language	English
IP Address	192 . 168 . 0 . 247
Mask Address	255 . 255 . 255 . 0
Gateway Address	192 . 168 . 0 . 1
MAC Address	68:ed:a4:00:28:cb
Preferred DNS Server	61.128.128.68
Alternate DNS Server	

pic1-4

Click” OK “to complete the Guide setup.

## Chapter2 Main Interface

The main interface contains five parts: Information Panel, Live View, Toolbar Panel, Log Panel, Control Panel. Shown as pic2.




pic2

### 2.1 Device Management



pic2-1

The main function of the System is to connect the network embedded DVR, NVR, PC DVR, NVSS for central management. So, before you can get a live view or remote playback the video, you should add network device to the connection list, showed as pic2-1.


There are three ways to go into the Device Management to add IPC: select Add Device of the context menu; select Device of the Main menu; click the button  in toolbar panel.

The Device Management includes add IP devices to System system, modify or delete IP devices from System system and IPC search. you can add max 256 IP devices, each device can be max 256 channel.

Now our System supports the following types of IP products: NV Series , NT Series, DH Series , DX Series , ONVIF Protocol IPC, and NVSS/PC NDVR.

## 2.1.1 Add IP Device

### 1.Add IP Device manually

Press  button, it will pop up a sub window, showed as pic2-1-1(a), you can add an IP Camera manually:



pic2-1-1(a)

**【Device Name】** Set a name for the new device, the device name you set will be showed as device name at Device List.

**【IP Address】** Input IP address of the IP device, it is an IP address or IP alias of an IP device which is connected through DNS Server.

**【Connect Port】** Input the port to connect IP device.

**【Login User /Login Password】** When user want to visit IP device and the server has used the function of rights management, use'sr ID and password will be checked. If user has no right to visit that IP device, the connection will be cut down automatically.

**【Device's Type】** Select corresponding type for IP device. Now our System system supports the following types of IP products. showed as pic2-1-1(b)





**Add Device**

Device Name:

Device Type: **NV Series IPC**

IP Address:

Stream Type: **DH Series IPC**

Connect Port:

Max. Channel Num: **ONVIF\_V2.3 IPC**

Login User:

Login Password:

**Add** **Exit**

pic2-1-1(b)

**【Stream Type】** Select main stream or sub stream for device.

**【Max. Channel Num】** Select the number of channels you want to get from IP device. The max is 256 channels.

Note: You can only add NVSS/NDVR here.

## 2. Add Device by IPC search

Press **IPC Search** button to add IP device. Then you can see this interface, showed as pic2-1-1(c).



**Devices List**

	Device Name	IP Address	Port	MAC Address	Add Device	Device Type
1	192.168.0.170	192.168.0.170	8000	00-40-48-2a-94-bb	No	IPC
2	192.168.0.175	192.168.0.175	8000	c0-56-e3-6e-80-de	No	IPC
3	192.168.0.190	192.168.0.190	8000	54-c4-15-19-85-e0	No	0x22a13
4	192.168.0.187	192.168.0.187	8000	c4-2f-90-c6-6a-11	Yes	IPC
5	192.168.0.189	192.168.0.189	8000	28-57-be-ca-db-e6	No	0x22209
6	192.168.0.180	192.168.0.180	8000	bc-ad-28-35-22-b9	No	0x2252d
7	192.168.0.178	192.168.0.178	8000	00-40-48-b0-40-a4	No	IPC
8	192.168.0.184	192.168.0.184	8000	c4-2f-90-d6-90-20	No	IPC
9	192.168.0.185	192.168.0.185	8000	c4-2f-90-d1-6c-b8	No	IPC
10	192.168.0.174	192.168.0.174	8000	bc-ad-28-33-20-12	No	IPC
11	192.168.0.176	192.168.0.176	8000	bc-ad-28-37-af-b3	No	0x2251f
12	192.168.0.186	192.168.0.186	8000	c4-2f-90-c3-97-72	No	IPC
13	192.168.0.191	192.168.0.191	8000	44-19-b7-31-60-c8	No	0x22005
14	192.168.0.193	192.168.0.193	8000	bc-ad-28-03-00-dd	No	0x22016
15	192.168.0.172	192.168.0.172	8000	bc-ad-28-3b-2e-74	No	0x2251e

Adapter IP Address:

Device Type: **NV Series IPC**

Device Name:

Stream Type: **Sub Stream**

Login User:

Login Password:

Max. Channel Num: **Unlimited**

**Add Device**

**Update Device List**

**Clear Device List**

**Hide added device**

IP Address:

Mask Address:

Gateway Address:


Connect Port:


**Modify Device Information**

**Exit**

pic2-1-1(c)

The system will display all the IP devices that can be searched and connected. When there is a

new IP device connected but you can't find its IP address in the list, please press Update Device List button. Also, you can press Clear Device List to clear the IP devices from the list. In addition, you can press Hide added device to filter added cameras. You can also click  to change the device's type to search different kinds of cameras.

You can set the server name, stream type, user's ID, password, IP address, mask address, gateway address and connect port according to your own needs, click  button to add the device into System system. If IP address repeated, add the first to system only.

You can modify the IP address, mask address, gateway address and connect port by clicking

.

You can also sequence the searched IPC by clicking the head of any column.


Note:

1. For searching DH Series IP cameras, users have to connect them to switches under a router, and connect the router to one network port of the System. You can only search the IPC which connected to the one as Network listen adapter. You can't search the ones which have the same network segment of the unchecked router.

2. Please select different Adapter IP Address to search cameras under different routers connected in different network port of System.

3. The whole NV Series IPC can be searched whichever Adapter IP Address you selected, no matter the cameras are connected under which network port of System.

### 2.1.2 Modify IP camera

Press  button to modify IP camera's information, the interface is the same with Add IP Camera, showed as pic2-1-1.



pic2-1-2

### 2.1.3 Delete IP camera device

Press  button to delete a connected server.

### 2.1.4 Directory tree setting

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Press **Directory Tree** button to set directory tree, you can create directory by click **Create Directory** button and click **Modify Directory** button to modify the directory and click **Delete Directory** button to delete directory. It is more convenient for you to manage all the devices you own. showed as pic2-1-3.

Drag servers from Device List to corresponding directories, and then click Save to save the settings.



pic2-1-3

## 2.2 Live View and Screen Menu

### 2.2.1 Live View

Live view shows the real-time video getting from cameras. Users can setup the display split mode & camera in each window in the Preview Group Setting which will be introduced in the Screen Menu.

You can drag the camera in device list to any live view window in monitor 1 to preview its video. You can also scroll the mouse to magnify the selected image, eight times largest, in the magnified screen, you can long press the left mouse button and move to convert the perspective, if you want to restore the enlarged image, you should click the right mouse button.

### 2.2.2 Screen Menu

User can Single-Right-Click image area to pop up the screen menu, showed as pic2-2:



pic2-2

## 1.Split View

Move your mouse to highlight Split View, it will pop up the sub menu, showed as pic2-2-2, you can select the window split mode in the pop-up menu.



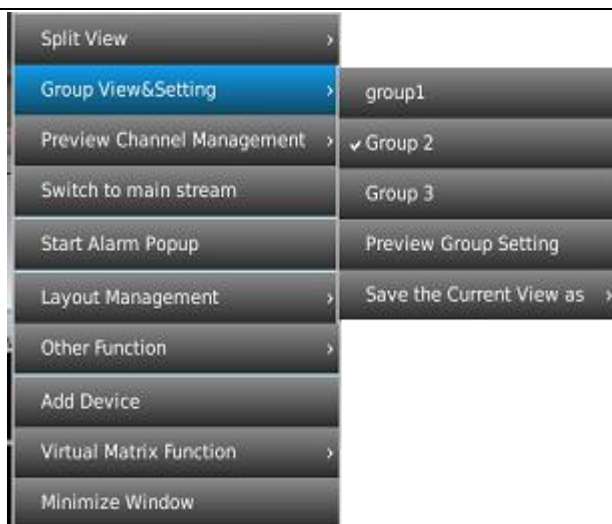
pic2-2-2

## 2.Group view & Setting

### ① Group view

You can single click Group View & Setting, it will pop up the sub menu, showed as pic2-2-3(a), you can step into the Preview Group Setting to set and save the preview group, and you can also save the current preview to any group by clicking Save the Current View as like pic2-2-3(b) shown.

After you set and saved the preview group, you can call any preview group by single clicking the group name as pic2-2-3(a) shown.



pic2-2-3(a)



pic2-2-3(b)

## ② Preview Group Setting

You can step in the Preview Group Setting sub window, showed as pic2-2-3(c).

**Device List**--It will list all the servers & cameras connected to the system, and when your mouse stop above the camera name, you will see the detailed information of the camera. You can drag any cameras in device list to any display window. If you want to cancel the display of one camera in one window, you can double click it to remove.



pic2-2-3(c)

Monitor Monitor 1

--The system can connect 3 monitors in the meantime, you can select any one to setup its preview group. If there is only one monitor, this option would be not selectable.

Group Group 1

--You can select a group from the drop-down list to setup, support maximum 64 groups.

Group Name Group 1

Window View 4 View

--You can also define the group's name and partitions.

☒ System Start Display Group

--Check the box of any preview group, then the system will display this group automatically when the System starts up next time.

Interval Disable

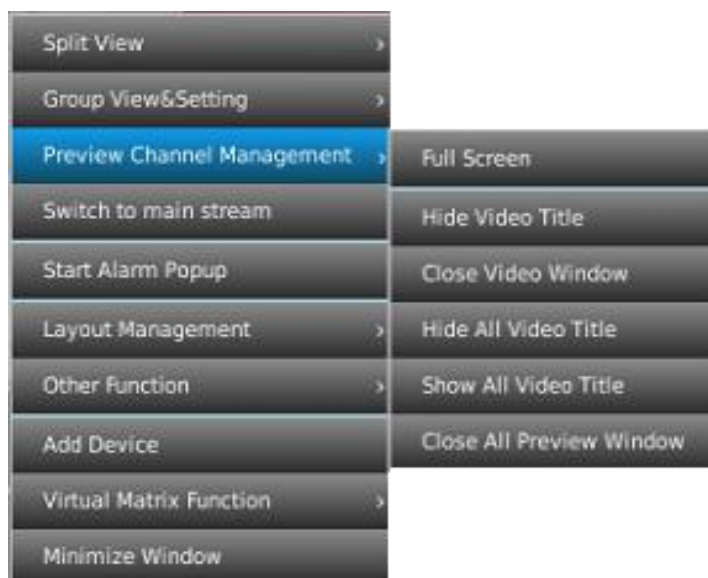
--Users can drag several cameras into the same window to do sequence, and you can set the display interval as 5, 10, 15 and 20 seconds etc. from the drop-down list.

**Stream Type**

--You can change the stream type of each camera manually by modifying the stream type in each window.

### ③Preview Channel Management

Select a video window and single right click on main interface and choose the Preview Channel Management, it will pop up the sub menu, showed as pic2-2-4.



pic2-2-4

**Full Screen:** make the live view area full screen;

**Hide Video Title:** hide the selected window's video title;

**Close video window:** close display of the selected window's video;

**Hide All Video Title:** hide the all video's title;

**Show All Video Title:** display the all video's title;

**Close All Preview Window:** close all video preview.



### 3.Layout Management



pic2-2-5

You can manage the layout in Layout Management setting.

**Load the Default Interface:** Default interface is showed as pic2;

**Load the Classical Interface:** Classical interface only shows video in full screen mode;

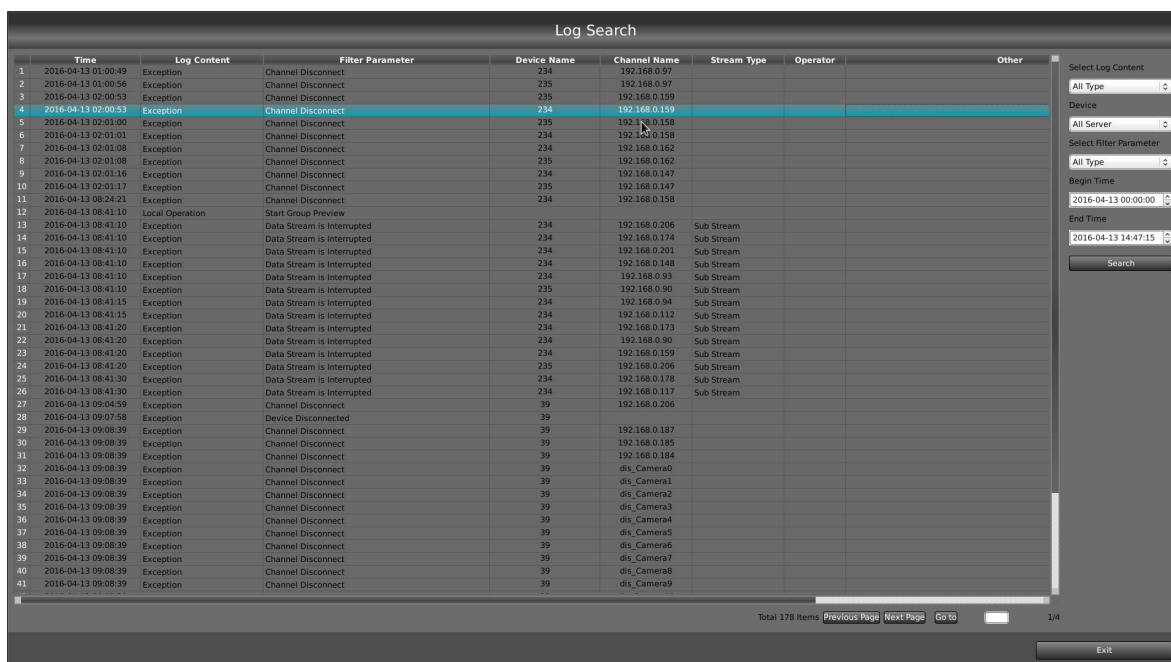
**Show Control Panel:** You can check (uncheck) to display (hide) the control panel;

**Show Toolbar Panel:** You can check (uncheck) to display (hide) the toolbar panel;

**Show Log Panel:** You can check (uncheck) to display (hide) the log panel.

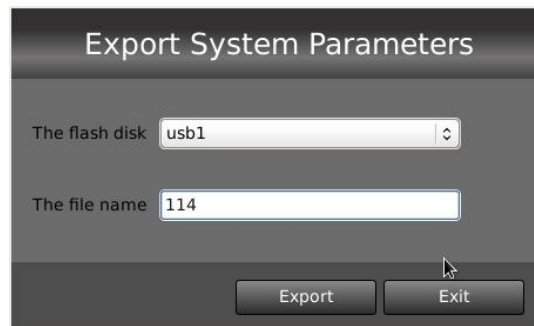
### 4.Other Function

**Log Search:** It will pop up the Log Search sub menu, showed as pic2-2-6(c). There are three log contents: Device Alarm, Local Operation and Exception. You can filter the log by the three contents and its filter parameter.

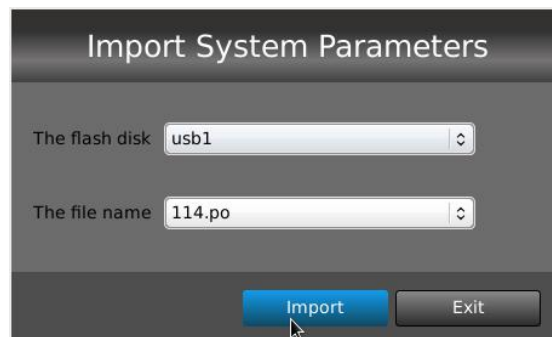


pic2-2-6(c)

**Export system parameters:** It will pop up the Export System Parameters shown as the following picture. Just please input the file name and click the button Export, the parameters of the system will be exported to the selected USB flash disk.



**Import system parameters:** It will pop up the Import System Parameters interface as shown below. Just select the file you want to import and click the button Import, you can import the parameters what you want.



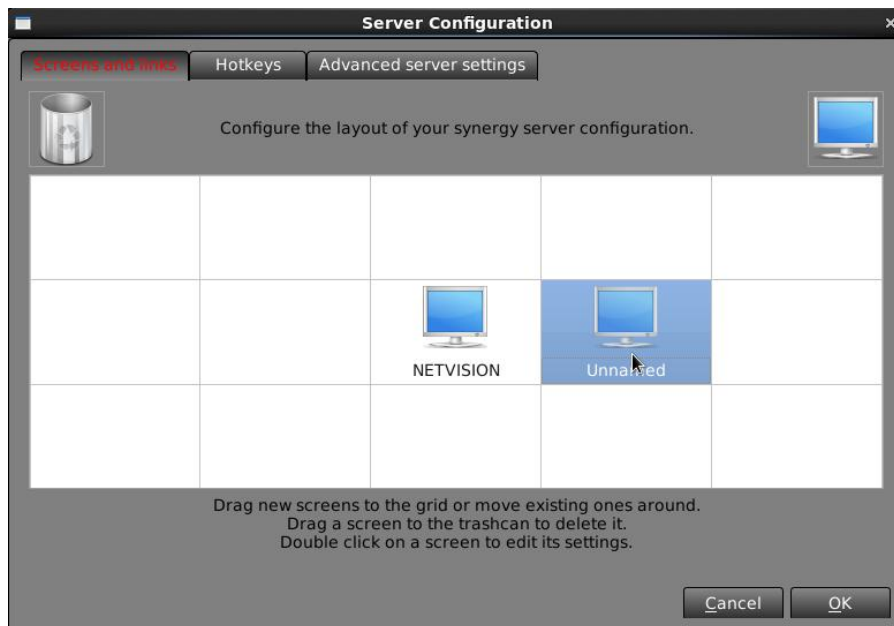
**Synergy configuration:** It will pop up the synergy configuration interface. You can share your multiple System on your server's desktop just move your mouse off the edge of one System screen on to another.

- **Configure a server**



The server will share its keyboard and mouse with clients. It needs to know about all clients that will connect to it. To tell server about these clients, click "Configure Server".





- 1.To add a new client, drag a screen (top right) on the grid;
- 2.To remove a client, drag the screen to the trash can (top left);
- 3.To move a client, drag the existing screen to another cell.

Once you have added a client to your grid, it will have the name "Unnamed". double click the icon to change its name to the name of your client, you can find or modify the client name by clicking its "Setting". You can add every client which you want to add by repeating the process.

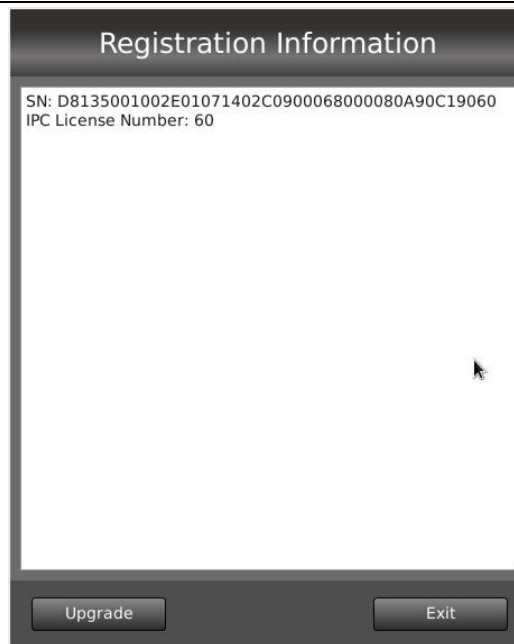
#### ● **Configure a client**

After you've configured your server, you need to connect each client to the server. In the "Server IP" text box, enter the IP address of the server.



**Restart the Synergy:** you can restart the synergy by click this item.

**About Register:** you can get the device's S/N and IPC License Number, showed as pic2-2-6(e). You can also upgrade by pressing "Upgrade" button to upgrade the license number of the system.



pic2-2-6(e)

## 5.Add Device

When you single click the Add Device, it will pop up the Device Management, showed as pic2-1. You can add, modify, delete and search IPC in the sub window.

## 6.Video Matrix Function

Please refer to Chapter 2.3.

## 2.3 Virtual Matrix Function

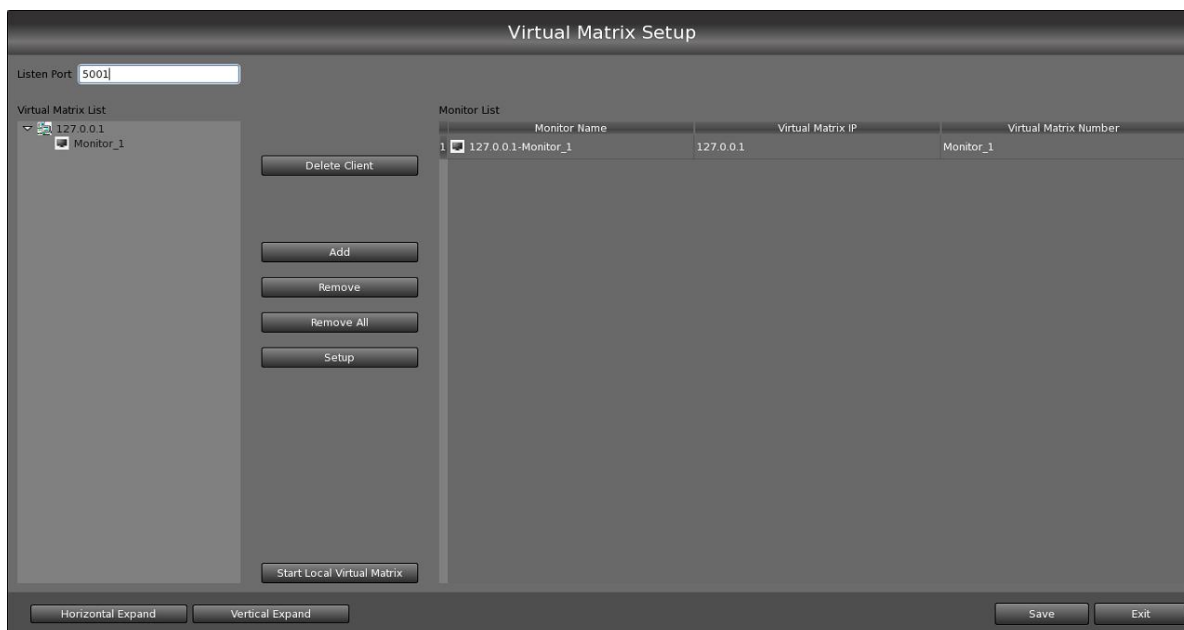


pic2-2-11(h)

After you enter the system setting to enable the virtual matrix function, showed as pic2-2-11(h).

## 2.3.1 Monitor Setup

You can single right click to enter the interface of virtual matrix setup in the main interface, as pic 2-2-11(i) shown.



pic 2-2-11(i)

In local Virtual Matrix, The IP “127.0.0.1” is one of the systems you installed TV client on, monitor\_1 is the main monitor in TV client, when there are dual monitors, the second monitor will be shown as monitor\_2 here.

When you use the decoder box, there will show the IP of your decoder box, double click to set the live view in another monitor.

## 2.3.2 Group Setup

Select one monitor from the TV client list, then click “Add” to add this monitor to monitor list. Double click one TV monitor in the monitor list or select one monitor then click “Setup” to enter the interface of group setup. Shown as pic2-2-11(j).



pic2-2-11(j)

You can set as many as 64 groups for each TV monitor. Select a group from the drop down list to set it ,you can define its name and partitions, the changed name will be active after saving configurations. There are 1,4,9,and16partitions modes.



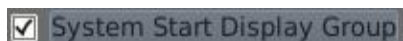
--The system can connect 3 monitors in the meantime, you can select any one to setup its preview group. If there is only one monitor, this option would be not selectable.



--You can select a group from the drop-down list to setup, support maximum 64 groups.



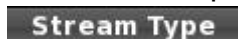
--You can also define the group's name and partitions.



--Check the box of any preview group, then the system will display this group automatically when the System starts up next time.



--Users can drag several cameras into the same window to do sequence, and you can set the display interval as 5, 10, 15 and 20 seconds etc. from the drop-down list.

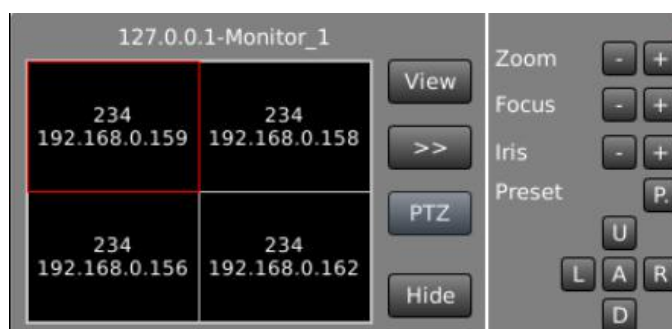


--You can change the stream type of each camera manually by modifying the stream type in each window. The stream type can be selected between “Main Stream” and “Sub Stream”

### 2.3.3Monitor Control

Select the “Virtual Matrix Setup-->Open All Monitor” in right click menu to view all the monitors connected in the system, you can drag them to anywhere, the names of the current display cameras on TV client will be shown in the monitor window. Also you can open only one monitor at a time via selecting it in the monitor list below “Close All Monitor”.

You can adjust the view mode, select cameras or groups to display, and control PTZ on the monitor you opened just now.



: Click this button, you can adjust the window split mode, including 1,4,6,9,13 and 16 views mode.

And click “restart”, the current TV client will be restarted.



: Click this button on the monitor window to open the group name list, you can select one group that you have set in virtual matrix setup to display on the TV client, and the corresponding cameras’ names will be displayed in the monitor window.

When you select “Close All”, you will close all groups, at that time, there will be no camera on the TV client, and the monitor window will turn to black. But you can drag the camera from the “Device List” panel or preview interface to display.

**PTZ**: Click “PTZ” button to enter PTZ control menu, PTZ can only be controlled when PTZ camera was selected, it is nearly the same with the operation on PTZ control panel. But you can only call the preset you have set, you can not set preset here.

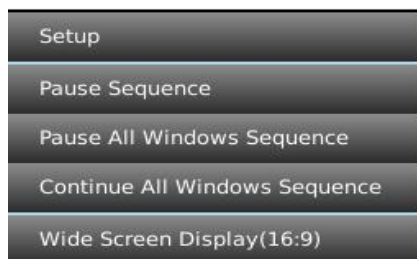
**Hide**: Click “Hide” button to hide the window when you finish the settings.

**Close Image**: Single-right-click in any window you need, and then press “Close Image” to close any video in that window. Of course, even there are more than one camera in that window, they will be all closed.

**Pause/Continue Sequence**: Single-right-click in any window you need, and then press “Pause Sequence” to stop loop in that window. After “Pause Sequence” is pressed, it will turn to “Continue Sequence”, when you enter the menu again, press it to continue the sequence in this window.

Also you can close all monitors you opened by selecting “Close All Monitor” in right click menu.

### 2.3.4Operations on TV Client



**Setup**: Click “Setup” to enter the interface shown as below:



All the monitors connected to the TV client will list here. There are all checked by default so that they can be displayed, if you want to hide one monitor, please do not check it.

**Pause / Continue Sequence**: Pause / continue sequence will only pause or continue loop in the window which you have selected.

**Pause / Continue All Windows Sequence**: Pause /continue all windows sequence.

**Wide Screen Display(16:9)**: Click this can exchange between wide screen display(16:9) and

---

normal screen display(4:3).

**Exit:** Click this to exit the TV client.

## 2.4 Information Panel



pic2-3

This panel shows product's logo, current date, current system time, CPU occupancy rate as pic2-3 shown.

The color of CPU percentage would be changed according to its value. 0-70% the text color would be 123; 70-80% the text color would be 123; 80-90% the text color would be 123; 90-100% the text color would be 123.

## 2.5 Control Panel

### 2.5.1 Device List



All the connected IP devices will be showed in the Device List, showed as pic2-4-1. Users can get the detailed connection information when the mouse stops above the device flag.



pic2-4-1

You can also know the connection and recording status about the server from its server and recording flag.

#### Server status:


-  --The IPC connected successfully;
-  --The IPC connected failed;



--The NVR/DVR connected successfully;



--The NVR/DVR connected failed.

Users can preview any video of the device list by dragging the device to any live view window. And also you can input device name and channel name in the box  to search the device you want(eg: device/channel).

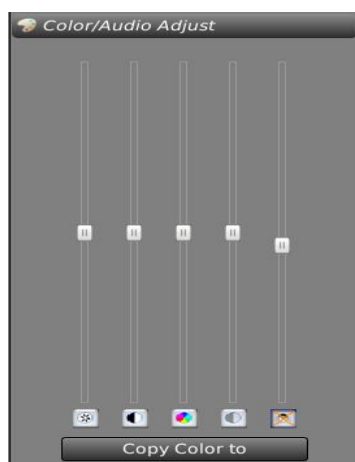
**Preview All**

-- you can open all connected cameras' sub stream or 8 channels main stream by clicking this button.

**Close All**

-- you can close all preview cameras by clicking this button.

## 2.5.2 Color/Audio Adjust



pic2-4-2

The detailed function of each button:



-- Drag the white and small button to adjust brightness of the image which you selected, click this button will resume its default value;



-- Drag the white and small button to adjust contrast of the image which you selected, click this button will resume its default value;



-- Drag the white and small button to adjust hue of the image which you selected, click this button will resume its default value;



-- Drag the white and small button to adjust saturation of the image which you selected, click this button will resume its default value;



-- Drag the white and small button to adjust volume, click this button will turn off the audio.

**Copy Color to**

-- Click this button and select cameras to copy the color and audio adjustment to them.

## 2.5.3 PTZ Control



pic2-4-3

The detailed function of each button:



--Please set presets for PTZ cameras in Channel Setting, then you



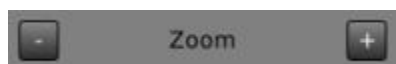
can select a PTZ camera and press this button, it will pop up this menu for you to call a preset or tour group of the selected camera.

Note:

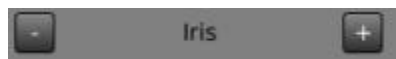
Only when the video you selected is dragged to the live view directly from Device List, you can control the PTZ in the main interface; video set in preview group can't be controlled.



-- Users can drag the slider bar to adjust the speed of PTZ. It ranges from 1 to 255, the bigger number the faster speed.



-- Zoom function of the PTZ camera control.



-- Overrides the PTZ cameras auto-iris and brighten or darken the image.



-- Auto-focus setup of the PTZ camera overrides, adjusted to focus the image.



-- you can move up, down, left, right as well as other directions by pressing and holding these buttons.



-- Users can press this button to start the selected PTZ camera to do an automatic tour





of 360, but for speed dome, many PTZ factorizes forbid this command.

## 2.5.4 DI/DO Control



Users can get the name of DI/DO when the mouse stops above the number button, showed as pic2-4-4.

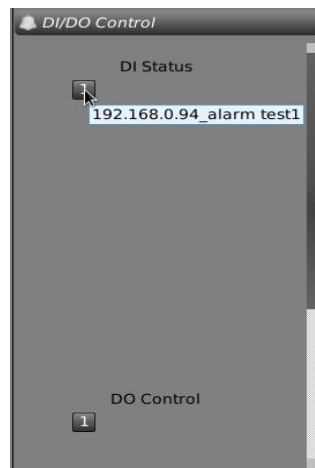
Users can set DI status in Channel Setting. When there is no alarm triggered out, users can press the number button to output alarm forcibly and the button will turn to blue. Press it again, the output will be closed and the button will turn back.

### The status of DI:

-  -- Input channel 1 has no alarm input.
-  -- Input channel 1 has an alarm input.

### The status of DO:

-  -- Input channel 1 has no alarm output.
-  -- Input channel 1 has an alarm output.




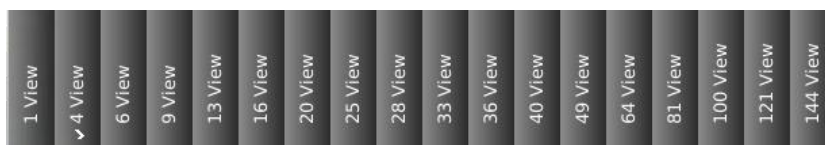
pic2-4-4

## 2.6 Toolbar Panel

### ■ Split view




Press  button to set window's partition mode of the main screen. There are many types of partitions, showed as pic2-5-1:



pic2-5-1


### ■ System Setting




Press  button to enter System Setting window, please refer to Chapter3 for details.

### ■ Playback



Press  button to enter Playback submenu to search remote video/audio data. You can get detailed information from Chapter4.

## ■ Group view &Setting

Press  button to enter Preview Group setting to set preview group; choose the group which you want to view; and save the current view in monitor 1 to any preview group. When you press this button, it will pop up a submenu, showed as pic2-5-2.



pic2-5-2

## ■ Channel Setting


Press  button to enter Channel Setting window.

## ■ Device management

Press  button to enter Device Management sub window.

## ■ Lock System (ON/OFF)

Firstly, make “Local Password” enable in System Setting.

Press  button to prevent unauthorized user to operate system. Press this button again, the unlock dialog box will be displayed, shown as pic2-5-3. Input your User ID and password then press OK to unlock it.



pic2-5-3


Note:

1.Default User ID is “admin”, password is “admin”.

2.If you disabled the local password in System Setting, the button  would be hidden.

## ■ Power

---

Press  button to enter the power management submenu, when you press this button, it will pop up this window, showed as pic2-5-4.



pic2-5-4

You can logout, restart or shutdown this system in the sub window.

Note:

If the buffer of data is being written to the HDD, it will spend a little more time to shut-down the system.

## 2.7 Log Panel

	Time	Log Content	Filter Parameter	Device Name
63	2016/11/16 10:48:54	Exception	Password Error	234
62	2016/11/16 10:48:18	Local Operation	Open Emap	
61	2016/11/16 10:48:08	Exception	Password Error	234
60	2016/11/16 10:48:08	Local Operation	Modify Device	234

pic2-6

All the real-time log information will be displayed in the log panel showed as pic2-6.

Users can search all logs in Log search. Users can also set different color for different log information in the Log Color setting.

## Chapter3 System Setting

The System System Setting includes 5 parts:General Setting, Network Setting, Log Color Setting ,Exception Setting and User Management.

### 3.1 General Setting

#### 3.1.1 General Setting



pic3-1-1

**【Language】** Display the current system language, users can also choose other languages in the drop-down box.

**【Display Resolution】** Display the current system display resolution, the software will adjust its display resolution according to the monitor's resolution. You can also choose other resolution which the monitor supports in the drop-down box.

**【Date Format】**Display the current date format. You can also change it, there are three modes YYYY-MM-DD, MM-DD-YYYY, DD-MM-YYYY. It decides the date display mode of system, including the information panel on the main interface.

**【System Date】** Display the current system date. You can only change the date in BIOS.

**【System Time】** Display the current system time, you can also change the time here.

**【Enable the Wizard】** Enable or disable the wizard when the system starts up.

**【Virtual Matrix Function】** Enable or disable the Virtual Matrix function.

**【Keyboard Shortcut】** Enable or disable the shortcuts on the keyboard.

**【Alarm Camera Popup Interval】** Setup the time interval for the alarm popup cameras.


**【Device ID】** Display the ID of System.

**【System Version】** Display the system version.

**【Software Version】** Display the software version.

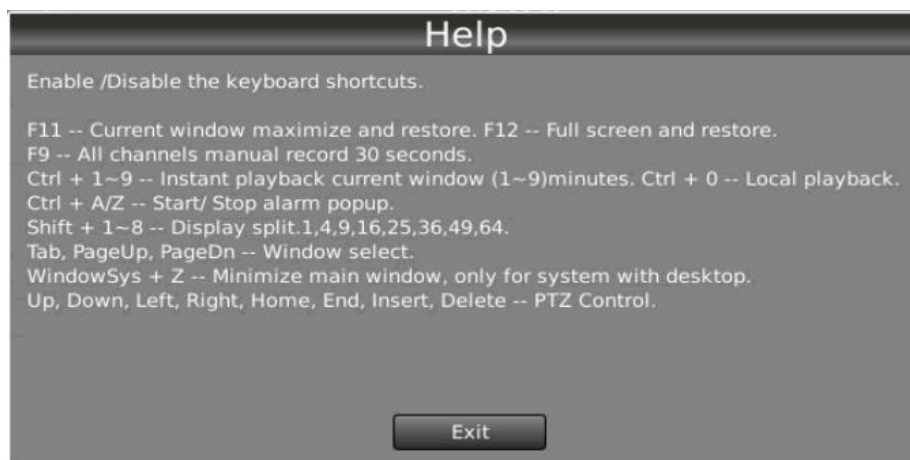
**【Switch System Mode】** switch the system mode to desktop or without desktop.

Note:

We add some explanation for some functions, double click on those lines with  such as

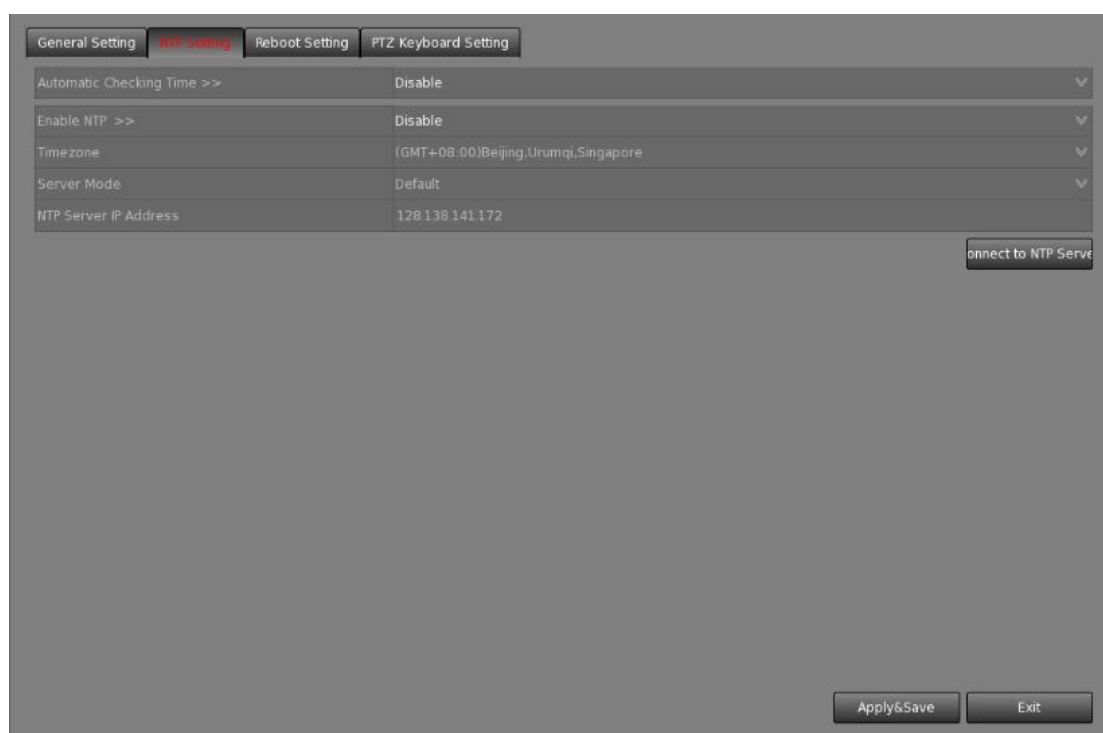
Keyboard Shortcut >>

, a sub window will pop up, shown as below:



Click Exit to quit the window.

### 3.1.2 NTP Setting



pic3-1-2

**【 Automatic Checking Time 】** This function can calibrate the time of all the connected devices.

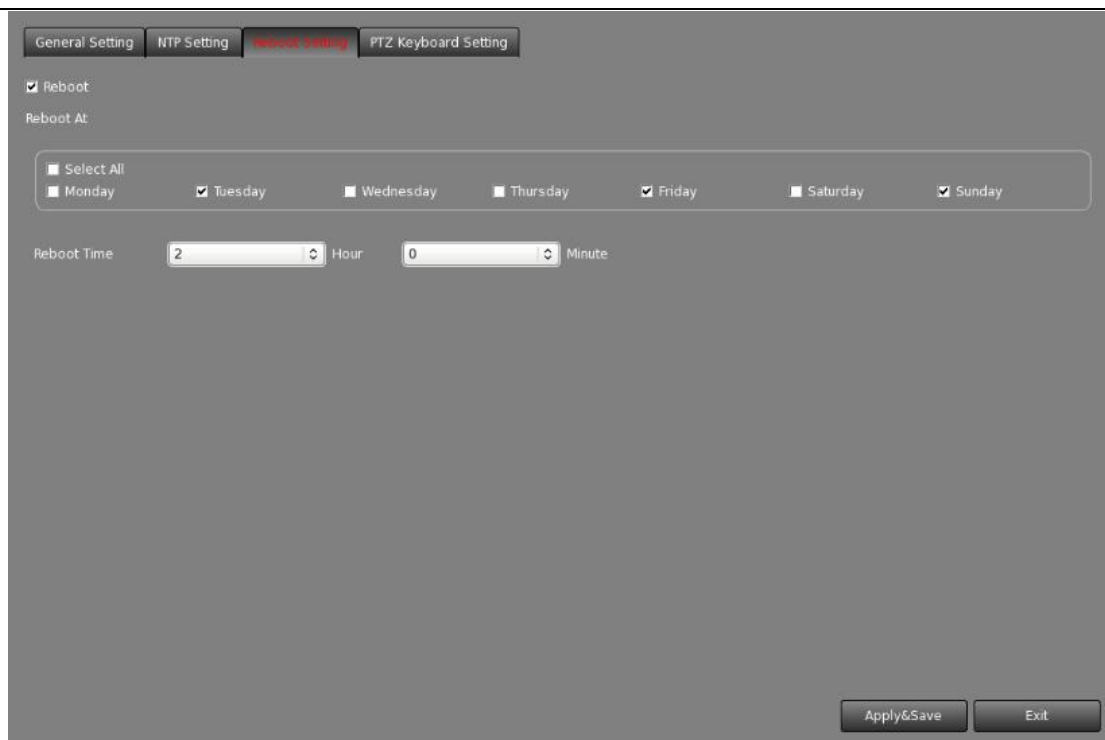
**【 Enable NTP 】** Enable or disable the NTP.

**【 Time Zone 】** Select one time zone that you want.

**【 Server Mode 】** Two kind of modes: Default and Customize.

**【 NTP Server 】** The default NTP server IP address is 128.138.141.172, you can also set other NTP server addresses after you select “custom ” mode in server mode.

### 3.1.4 Reboot Setting



pic3-1-3

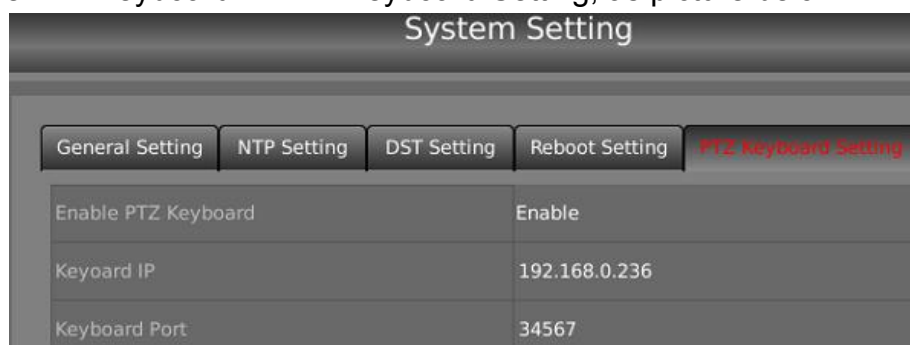
**【 Reboot 】** You can enable the reboot function by selecting the Reboot checkbox, or unselecting to disable it.

**【 Reboot At 】** Set auto-reboot date here.

**【 Reboot Time 】** Set auto-reboot time here.

### 3.1.5 PTZ Keyboard

First, enable PTZ keyboard in PTZ Keyboard Setting, as picture below:



After set the IP address and port, follow instruction below for how to use the keyboard.

**1.ESC:** Return to the previous interface.

**2.SETUP:** Press the button to get into the system setting of the keyboard. There are include Network Mode, Sound, Language, Password and Default. You can only use the joystick to choose the option.

**Network Mode:** It includes two options(Static and DHCP) that you can choose through the joystick .

**Sound:** You can choose if open the sound of the keyboard through the joystick.

**Language:** You can choose the language you want through the joystick.

**Password:** Setup the keyboard's password.

**Default:** It will restore your keyboard setting to default.

**3.Inquiry:**You can view the client list by press the button.

**4.Lock:** Press the button then your keyboard system will be locked. Press it again and then input the password, it will be unlocked.

**5.Single:** Current window maximize and restore.

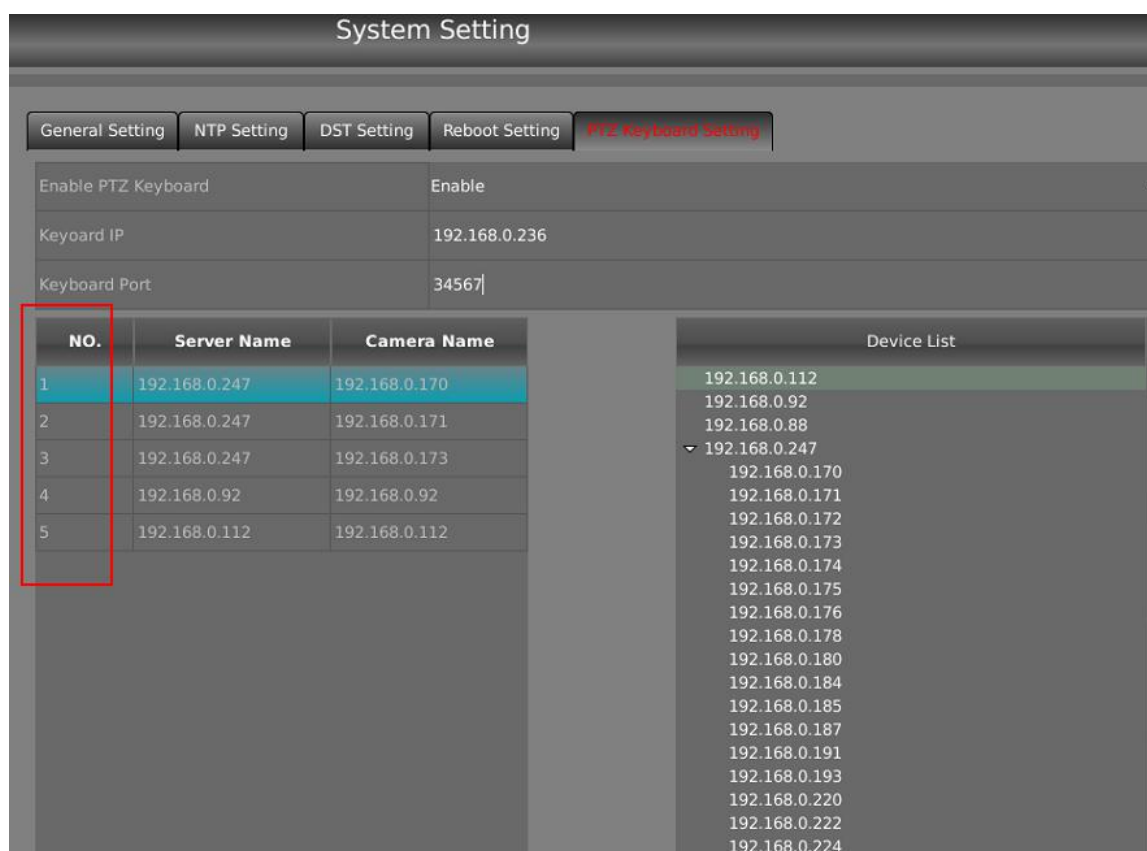
**6.Full:** Full screen and restore.

**7.Views:**Press the button and then you need to input the number for the split views that you want to show.

Note:

You have to press the button “OK” after you input number.

**8.CAM:**Press the button and then input camera number that you set in the NVSS(PTZ Keyboard Setting),it will show the camera with single view. Double click any camera in Device List to add it to PTZ CAM list. Shown as pic3-1-4



pic3-1-4

**9.Win+:**Press the button and then the window select will be move left.

**10.Win-:**Press the button and then the window select will be move right.

**11.Group:**Press the button and then input group number that you set in the NVSS, it will be show the group that you choose.

**12.MON:**Press the button and then input the monitor number(you can view the number in the PTZ Keyboard Setting-->Monitor Setting of NVSS),then you can control the monitor you choose. Shown as pic 3-1-5.



pic 3-1-5

**13.Title:** Press the button to show/hide all video title.

**14.REC.:** Press the button to make all record type change to manual record. Press it again to restore.

**15.Grab:** Press the button to grab.(it is only work on the software decode)

**16.Tours:** Please selected the PTZ camera and then press the button to input the Tour Group number that you set in the NVSS.

**17.Alarm On:** Press the button to Enable the alarm camera popup.

**18.Alarm Off:** Press the button to Disable the alarm camera popup.

**19.Inst Play:** Press the button to input the number(1-9),and then it will instant playback current window (1~9)minutes. If you input "0",it will get into local playback. Press the "Stop" button to exist playback.

**20.Set Preset:** Please selected the PTZ camera first. Press the button and then input number to set the preset.

**21.Clear Preset:** Please selected the PTZ camera first. Press the button and then input number to clear the preset.

**22.Call Preset:** Please selected the PTZ camera first. Press the button and then input number to call the preset.

**23.Focus+, Focus-:** Auto-focus setup of the PTZ camera overrides, adjusted to focus the image.

**24.Zoom in, Zoom out:** Zoom function of the PTZ camera control.

**25.Iris+,Iris-:** Overrides the PTZ cameras auto-iris and brighten or darken the Image.



**26.Auto Pan, Wiper, Relay:** It can not work now, please wait for the function update.....

**27.Joystick:**Please selected the PTZ camera first. You can move up, down, left, right as well as other directions by rocking the joystick.

## 3.2 Network Setting

### 3.2.1 Network Setting

Network Setting	
Network Card Working Mode	Independent Working Mode
Network Adapter	Network Adapter 1
IP Address	192 . 168 . 0 . 247
Mask Address	255 . 255 . 255 . 0
Gateway Address	192 . 168 . 0 . 1
MAC Address	68eda40028cb
Preferred DNS Server	61.128.128.68
Alternate DNS Server	
Network Listen Adapter	Network Adapter 1
Server Port	5100
HTTP Port	80

pic3-2-1

**【Network Card Working Mode】** There are “Independent Working Mode” and “Network Card Binding (Backup mode)” for choosing. The Network Card Binding Mode is Backup Mode, all the network card can be used with the same one IP address and Mac address. The network card which don’t use is in a prepared condition, when the network card which is working has some issue, the prepared one will replace it to continue the work.

**【Network Adapter】** There are two network modes these are Independent networking mode and Backup mode. In Independent networking mode ,you can choose one network adapter and configure it. You can set one for IP video input and the other for transferring video to clients, you can get the detailed setup from Dual Network Adapters IP Surveillance Solution.

**【IP Address】** Please setup the IP address here.

**【Mask Address】** Please input the mask address, actually it can get the correctly mask address automatically.

**【Gateway Address】** Please input the correctly gateway address here .

**【MAC Address】** Display the MAC address of the configuring network adapter.

**【Preferred DNS Server】** You need input the Preferred DNS Server here when the System is connected under a router.

---

【**Alternate DNS Server**】 You can input the address of alternate DNS server here.

【**Network Listening Adapter**】 Please choose the network adapter which can be connected by clients.

【**Server Port**】 Display the data port of the server, you can modify it here.

【**HTTP Port**】 Display the HTTP port of the server, you can modify it here.

### 3.2.2 Email Setting

Network Setting <b>Email Setting</b>	
SMTP Server	smtp.gmail.com
SMTP Port	465
Login User ID	suzen1120@gmail.com
Login Password	*****
Auth. Type	Simple Login
SSL Security	SSL
Email Title	alarm_test
Sender Address	suzen1120@gmail.com
Send To	suzen1120@hotmail.com
Copy To	513977217@qq.com
Send Attachment	<input type="checkbox"/>

Email Testing   Apply&save   Exit

pic3-2-2

【**SMTP Server**】 SMTP server address, e.g.: mail.jstHybridNDVR.com.

【**SMTP Port**】 SMTP listening port for connect request.

【**Login User ID**】 The ID of mailbox.

【**Login Password**】 The password of Mailbox.

【**Auth. Type**】 Log in mailbox, operator should select SMTP authentic type. Or select “simple login”.

【**SSL Security**】 Security protocol for Mailbox.

【**Email Title**】 Enter title of the E-Mail to be sent.

【**Sender Address**】 Enter email address of sender. It should be the same with Login User ID.

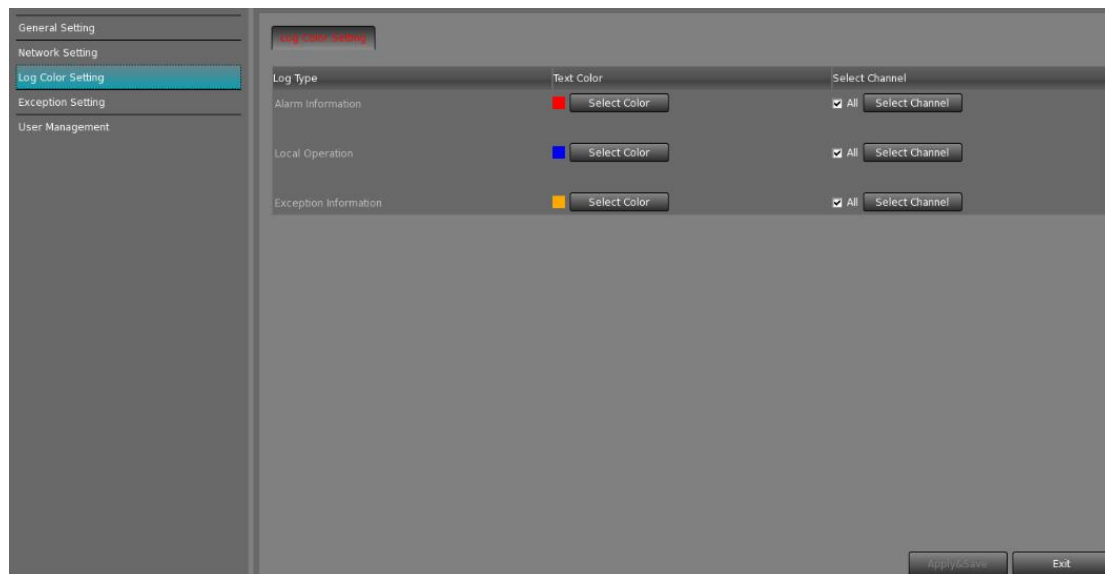
【**Send To**】 Set the address of receiver.

【**Copy To**】 Set another address of receiver.

【**Send Attachment**】 You can select whether send an attachment of the E-mail or not.


When the setup is finished, user can press  to test the function.

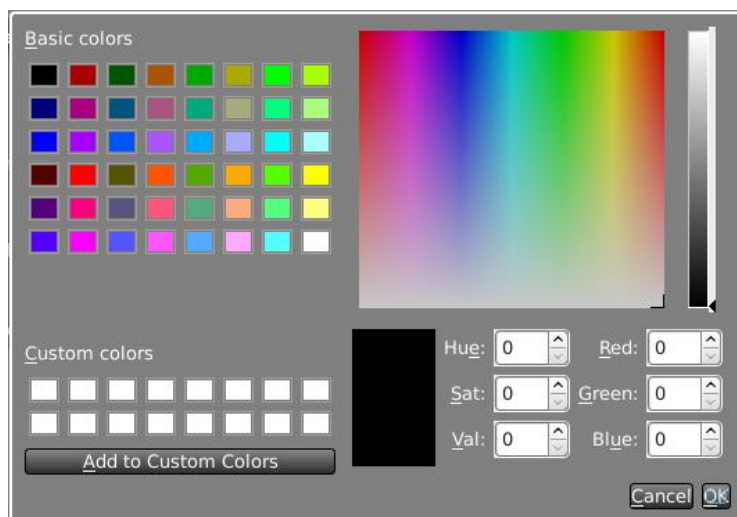
### 3.3 Log Color Setting




pic3-3

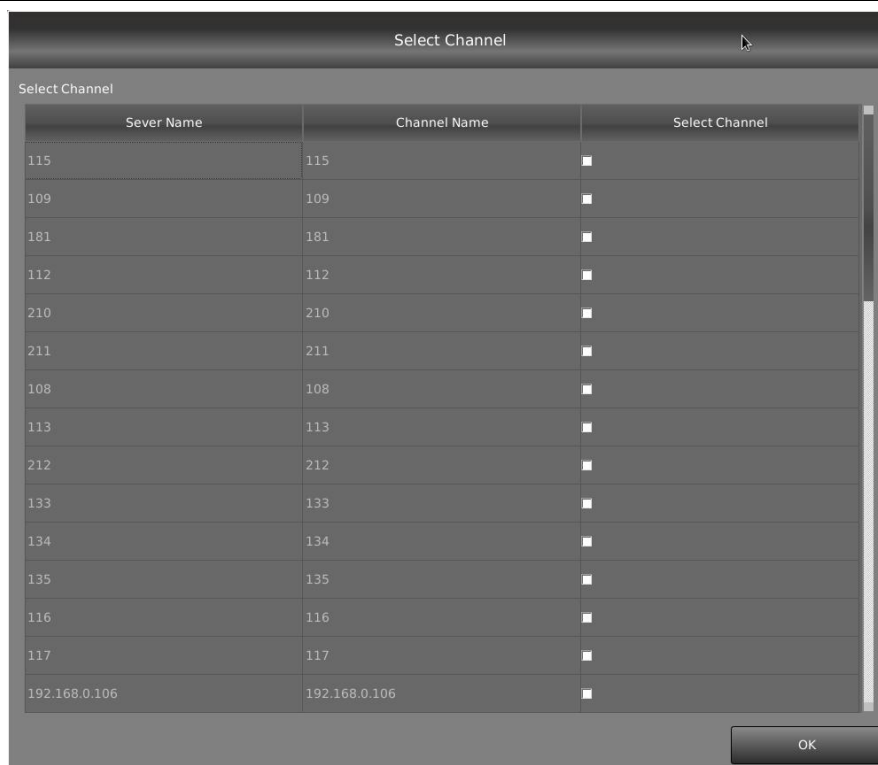
【 **Log Type** 】 There are three types which you can set the text's color. Including Alarm Information, Local Operation, Exception Information.

【 **Text Color** 】 Users can set different color for different log type, when you press the button , a sub window will pop up, showed as pic3-3-1. You can select any color you like in the window.



Pic3-3-1

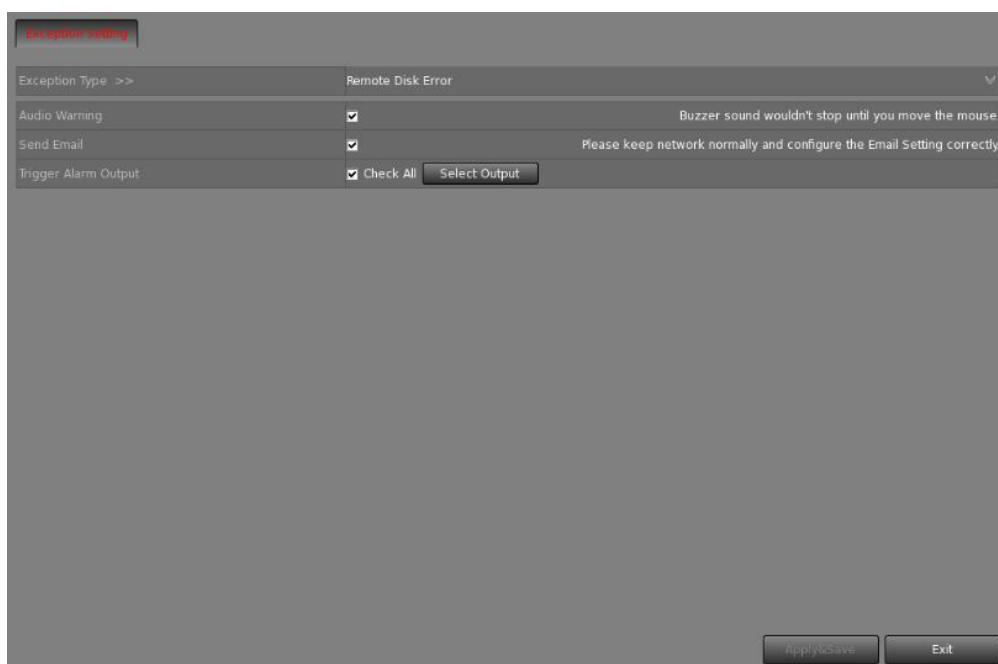
【 **Select Channel** 】 You can select the all channels what connect to the system, or press the button  to choose the channels you want to set their log color in the pop-up window, showed as pic3-3-2.



pic3-3-2

Note: Selecting corresponding log type and cameras is one of the necessary conditions to output Motion Alarm log, Sensor Alarm log and Video Analysis Alarm log.

### 3.4 Exception Setting



pic3-4

**【Exception Type】** There are five types of exception types, it includes Remote Disk Error, Remote Disk Full, Remote Device Disconnect, Remote Camera Disconnected, Local Reboot Exception.

**【Audio Warning】** Users can click the checkbox to enable audio warning, it will indicate the alarm with voice. Only you move the mouse in main interface, the buzzer sound will stop.

**【Send Email】** Users can click the checkbox to enable it, when exception happened, it will send email automatically.

Note:

In order to send email successfully here, please keep the network normally and users must have configured the email settings. For more detail information of the email setting, please query 3.2.2 Email Setting.

**【Trigger Alarm Output】** Users can click the checkbox ☐ Check All to select to trigger all alarm outputs, you also can select output you want by pressing the  button, showed as pic3-4-1.



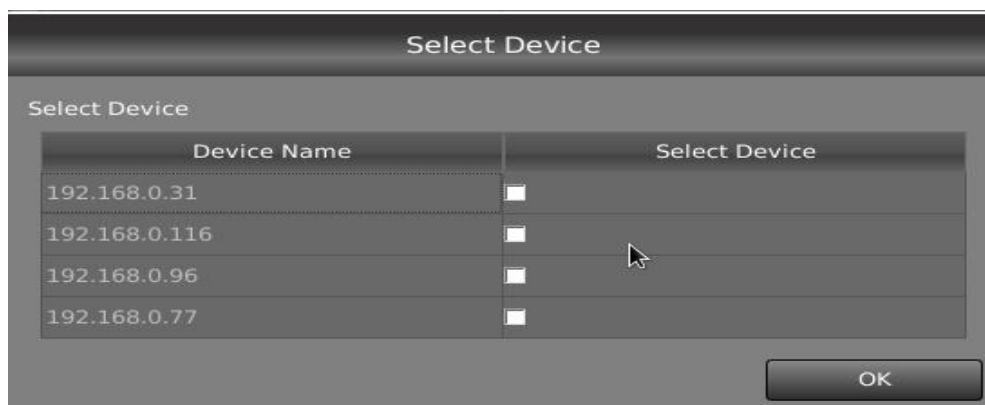
pic3-4-1

The Device Disconnected exception can Select Cameras, showed as pic3-5-2.



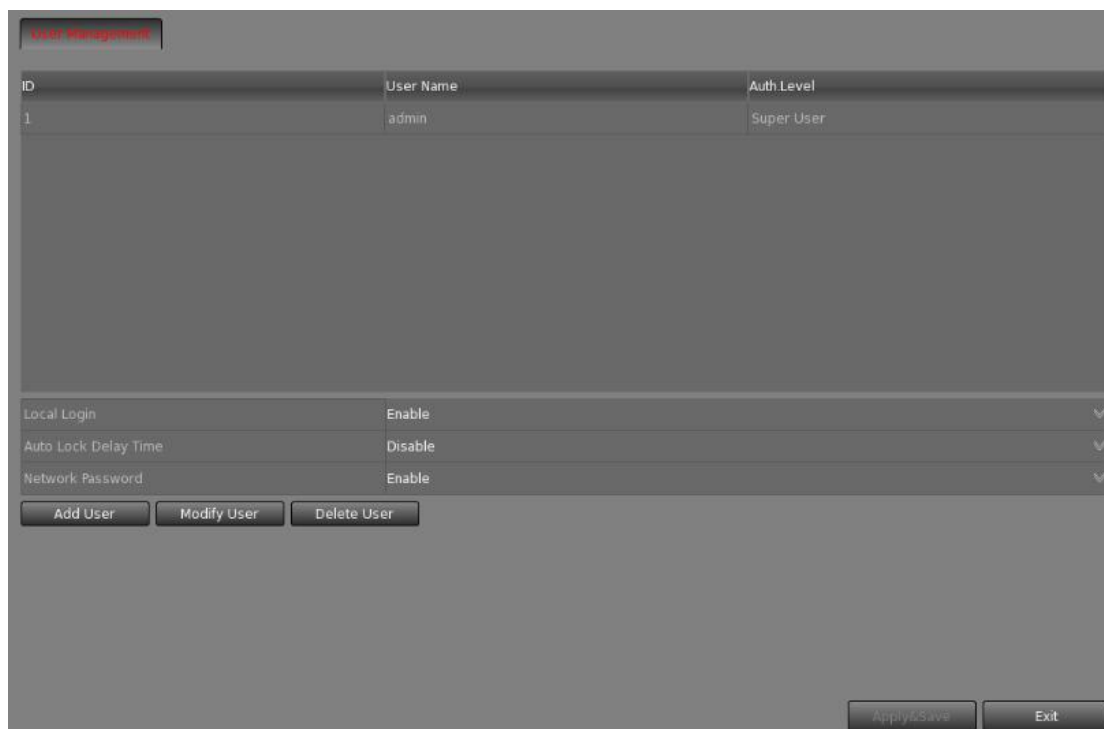
pic3-4-2

you can select the channel you want to set by pressing the  button, showed as pic3-4-3.



pic3-4-3

## 3.5 User Management



pic3-5

**【ID】** It displays the number of users.

**【User Name】** It displays the name of all users.

**【Auth. Level】** Display the level type of users.

**【Local Password】** Select "Enable" to enable User Manage mode for local System, and




activate the lock button

in main window. Only authorized user can log into System at User Manage Mode.

**【Auto Lock Delay Time】** Select "Disable" to disable the automatically lock screen function, or you can select 3,6,9,12,15 minutes interval to lock the System automatically.

**【Network Password】** Select "Enable" to enable User Manage mode for Client. When you enable this function, client must pass the authentication in order to connect the System.

**【Add User】** Click  icon to add new user you edited to user list. It will pop up the sub window User Information, showed as pic3-5-1.

pic3-5-1

In the User Information window, you can input the new ID, select its user level type, set its password. The user rights include system setting, group view and setting, device management, power management, check the HDD information, backup, local DO control, layout management, check the camera data stream statistics, log search, import/export system configuration, synergy, upgrade register information, manual record, Audio Chat, display/hide video title, POS setup, POS monitor, Video analysis, Minimize Window.

You can also set permission for each channel in the Channel Setting option, you can select the camera you want to set by pressing the  button. The channel setting includes playback, capture picture , channel setting , preview video , PTZ control .

**【Modify】** Select a user from user list, then click  button to modify it.

**【Delete】** Select a user from user list, then click  button to delete it.

Note:

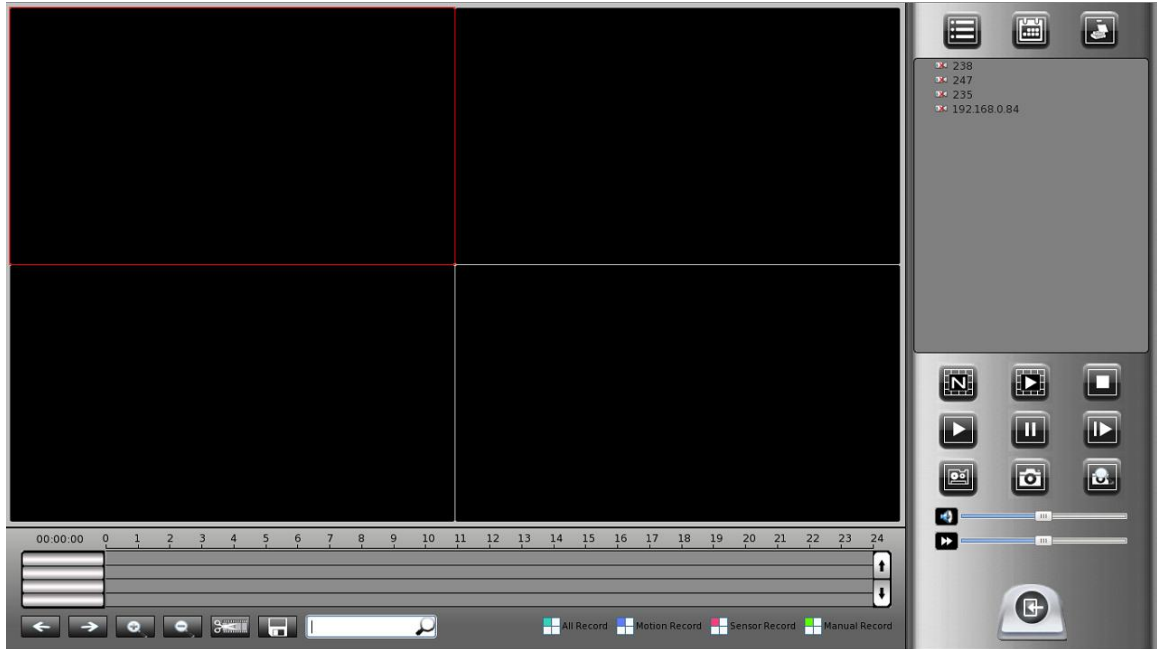
1.Only the admin has the right to add or delete a user, the admin also has the right to manage the password for each user.

2.The default password of super user is admin, only the admin ID can modify it. The other users except admin can only modify their own password.

---

## Chapter4 Research Playback

When you click the playback button, it will pop up the playback interface, showed as pic4. The default split view is four window views.




pic4

### 4.1 Select Device

Before you open videos, the upper right of the playback interface is the device list panel, showed as pic4-1-1. Users can select the device which they want to do playback.



pic4-1-1

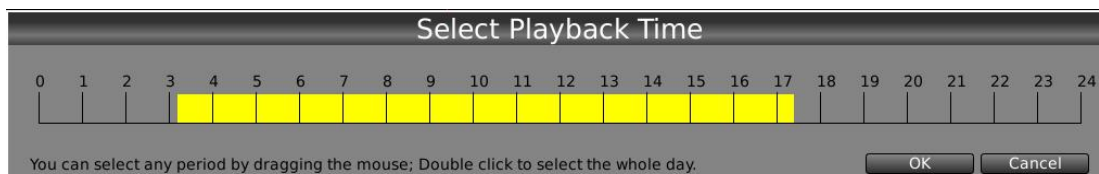
Click  to change month and year to search the data which you want.



In the process of playback, the first step is to select the device you want to playback, when they are selected, it will pop up the dialog box to select playback time, shown as pic4-1-2 . You can just select any period to playback by dragging the mouse; double click to select the whole day; right-click to cancel the selected period.

The advantage of this feature displays in three aspects:

- 1.It can reduce the search time
- 2.It can be more accurate positioning
- 3.When there are large amounts of the video data , it can reduce the possibility of packer loss caused by the search.



pic4-1-2

Note:

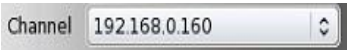

It would spent about 300s to search the whole day's video data when the total recording video data stream is about 300M/s.



Click to enter pos playback remotely, you will see the interface shown as pic4-1-3





Pic 4-1-3

You can choose the channel you wan to preview by click ,choose the channel and double click the pos data,then you will preview the pos data in the video window you choose, you can input key words into  to filter the pos data and you can choose “show text” to show the pos data in the video window.




## 4.2 Select Record Type





Press the  button, you can zoom in the time bar, and press the  button to zoom out. Users can also scroll the mouse to zoom in / out the time bar.

After zoom in the time bar, press the  button you can check the previous period records, and press the  button you can check the next period records.

## 4.3 Create File Clip


Press the  button to start clip files, and press the  button to end, press the  button to enter backup interface and save the file, please check Chapter 4.5.


Press  button or  button to view the record data of other cameras.

 --Input camera's name and then press Enter of keyboard or click  to view the camera you want.

## 4.4 Play Files and Related Operations

You can select the camera in server list to any live view window to preview its video. You also can scroll the mouse to magnify the selected image, eight times largest, if you want to restore the enlarged image, you should click the right mouse button.

 --Press this button to set partition mode of playback windows, there are 1, 4, 9 and 16 splits;

 --Press this button to open all playback windows in sequence according to the order of the cameras.

Note:

If you press this button after entered the playback interface, all the cameras will start to play from the first record data of the day. If you select a point of time on the time bar and press this button, then, all the cameras will start to play from the selected time point.

 -- Press this button to close all cameras;



-- press this button to play;



-- press this button to pause;




-- press this button to play next frame;



-- Adjust playing speed. Click the  button to resume normal play speed;

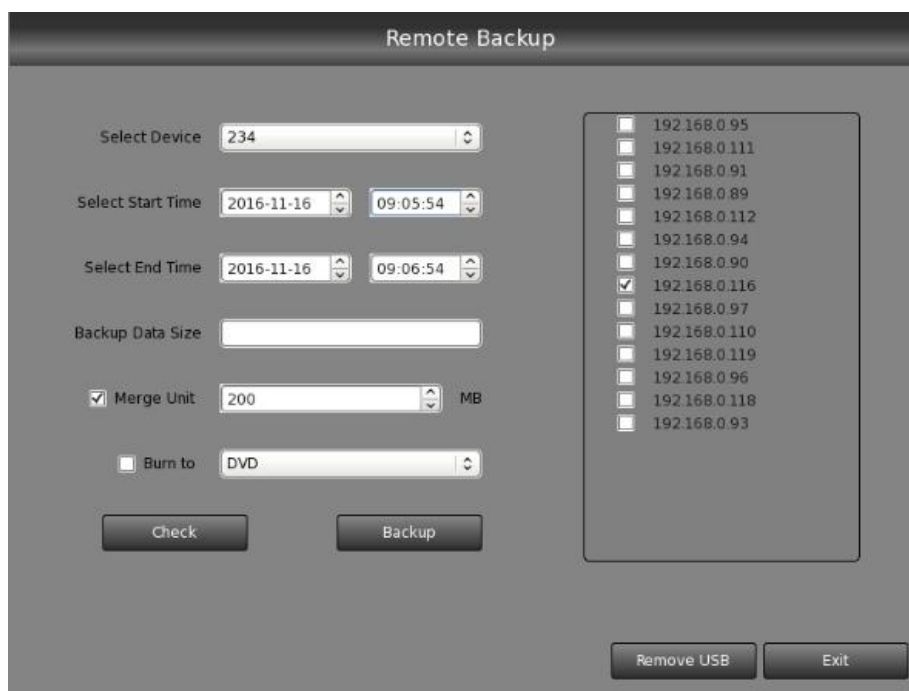


-- Adjust the audio. Click the  button to close the audio.

## 4.5 Backup



-- Press this button to enter the backup interface, showed as pic4-4.




The screenshot shows the 'Remote Backup' window. It has a title bar 'Remote Backup'. On the left, there are several input fields: 'Select Device' with a dropdown menu showing '234'; 'Select Start Time' with two dropdowns for date ('2016-11-16') and time ('09:05:54'); 'Select End Time' with two dropdowns for date ('2016-11-16') and time ('09:06:54'); 'Backup Data Size' with an empty text box; 'Merge Unit' with a checked checkbox, a dropdown showing '200', and 'MB' next to it; and 'Burn to' with an unchecked checkbox and a dropdown showing 'DVD'. At the bottom left are 'Check' and 'Backup' buttons. On the right, there is a list of IP addresses with checkboxes next to them. The IP '192.168.0.116' is checked. At the bottom right are 'Remove USB' and 'Exit' buttons.

pic4-4

**【Select Device】** Select the backup device. Users can select more than one camera at one time.

**【Select Start Time】 【Select End Time】** Select the start time and end time to backup.

**【Backup Data Size】** Show the size of the backup file for the selected cameras between the begin and end time. You can check the file's value by pressing  button to show the total value.

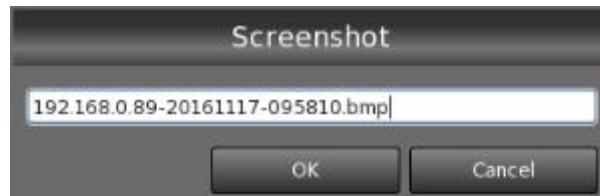
**【Merge Unite】** Set the size for each file to backup. You can set it to be 200M to 999M.  
Note:

- 1.Before back up, please make sure that you have inserted a flash disk with enough space.
- 2.The end time must be later than the begin time.

## 4.6 Capture Picture and View



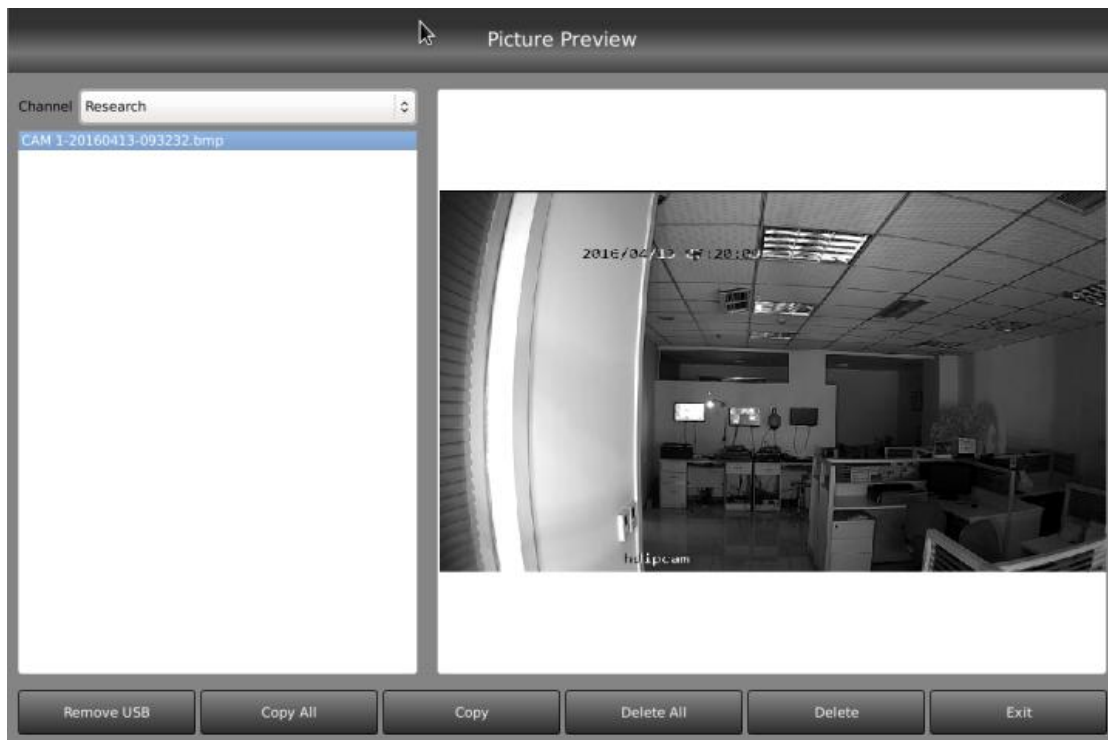
-- Press this button to grab a picture, when a picture is grabbed, there will be a dialog pop up to ask for a file name, showed as pic4-5-1. The size of the image is resolution of the video be played.



pic4-5-1



-- Click this button to enter the window of Picture View, showed as pic4-5-2.



pic4-5-2



-- Select a channel which you want to view its grabbed picture in the drop down list. Then all grabbed images of selected channel will be listed on the left side. You can double click the image name to display it on the right side.



-- Click this button to uninstall your flash disk.



-- Click this button to copy all the pictures in the list to the flash disk.



-- Click this button to copy the selected pictures to the flash disk.



-- Click this button to delete the all pictures in the list.

---

Delete


-- Click this button to delete the selected pictures.

Exit

-- Click this button to exit the Picture View.

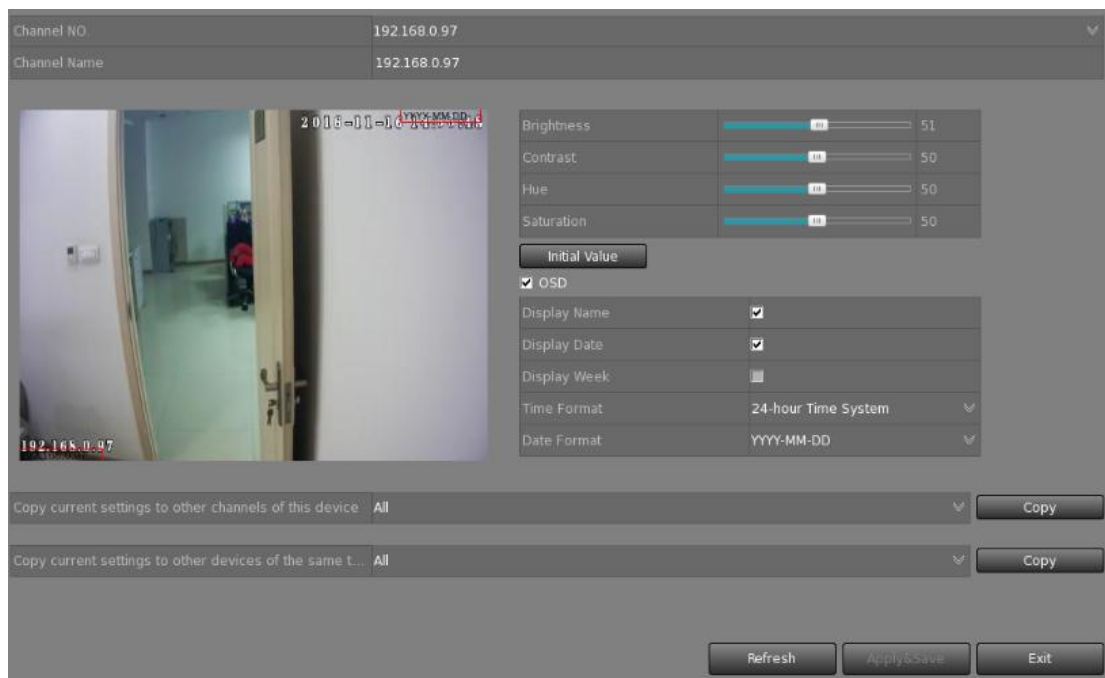
## Chapter5 Channel Setting



You can click the button  in the toolbar panel to get into the Channel Setting: the System Channel Setting includes 7 parts: Display Setting, Video Setting, Motion Detection, Privacy Mask, Alarm Input Setting, PTZ Setting and Linkage Setting.

You can check and modify any camera's setup in the window by selecting the camera in the drop-down list of Select Device column.

### 5.1 Display Setting




pic5-1

**【Channel NO.】** It displays the channel number of selected device. Users can also select the camera you want to set from the drop-down list.

**【Channel Name】** It displays the name of the selected channel, you can set camera's name here.

Note:

- 1.If the selected device is an IPC, its Channel NO. and Channel Name are the same.
- 2.The channel name of multi-NVR should be set in the device's IE client, it can't be modify in the Channel Setting.

**【Brightness】【Contrast】【Hue】【Saturation】** Users can set image parameters by dragging the label, the value range from 0 to 100. You can also press the button  to restore the initial image parameter.


☒ **OSD** --you can configure the OSD setting by clicking the checkbox or cancel the OSD by

unselected.

**【Display Name】【Display Date】【Display Week】** Users can display these parameters by clicking their checkbox or cancel them by unselected.

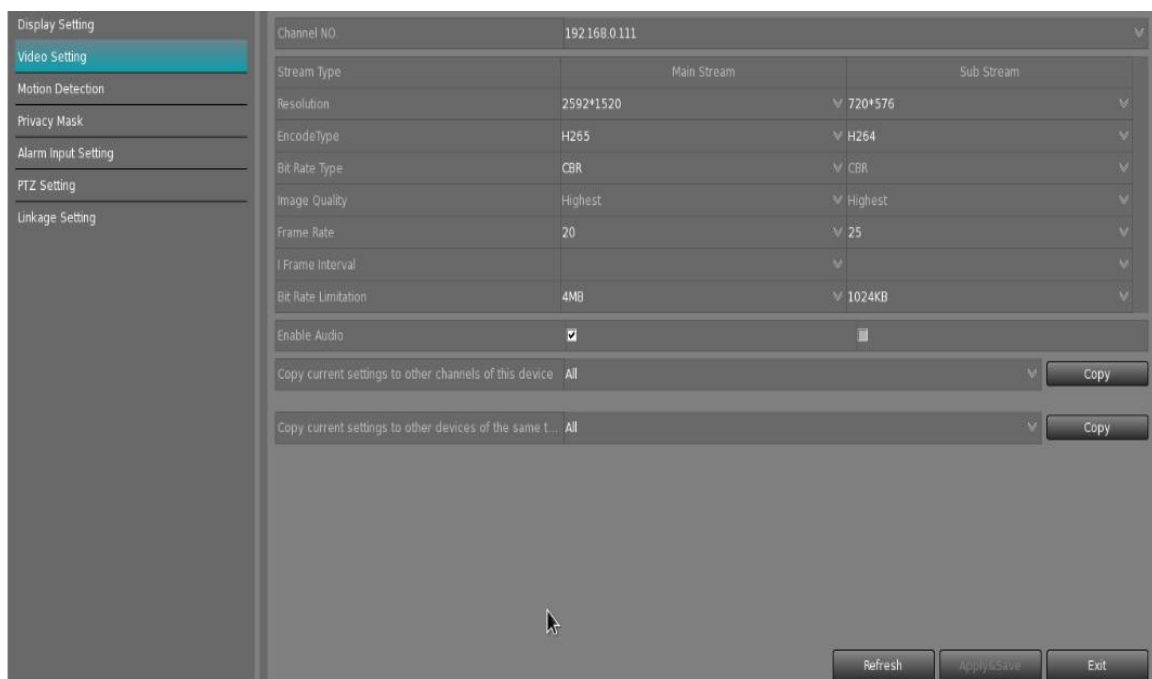
**【Time Format】【Date Format】** Users can select the time format and date format in the drop-list.

**【Copy settings to other channel of this device】** After finishing one channel, if you want to set any other channels' configuration of this device as the same as this channel, you can select channel number from drop-list, and press  button to copy it.

**【Copy settings to other same type device】** After finishing one camera, if you want to set the same configuration to other cameras which are the same type, you can select the devices number from drop-list, or select all to finish configuration copy by pressing the  button.

Click the Apply & Save button to apply the settings. Users can also press the Refresh button to see the result.

## 5.2 Video Setting



pic5-2

**【Stream Type】** It shows the steam type of each column.

**【Resolution】** Set the main stream resolution and sub stream resolution. The higher the resolution is, the more record disk space needed.

**【Decoding Type】** There are two decoding type for H.265 cameras that are H.264 and H.265 which can be selected recording to need.

**【Bit Rate Type】** Select bit rate type from Variable Bit Rate (VBR) and Constant Bit Rate (CBR):

VBR range= Poorest, Poor, Medium, Good, Best.

CBR range = 45 Megabytes/Hour to 400 Megabytes/Hour.

**【Image Quality】** Set the quality of the image to be recorded. Select from Lowest, Lower, Low, High, Higher and Highest.

**【Frame Rate】** Set the frame rate of camera from drop-list.

**【Bit Rate Limit】** Input the maximum bit rate for the camera's video stream.

**【I Frame Interval】** Select the I Frame Interval from drop-list. Usually, the number of I Frame interval should be twice of the Frame Rate.

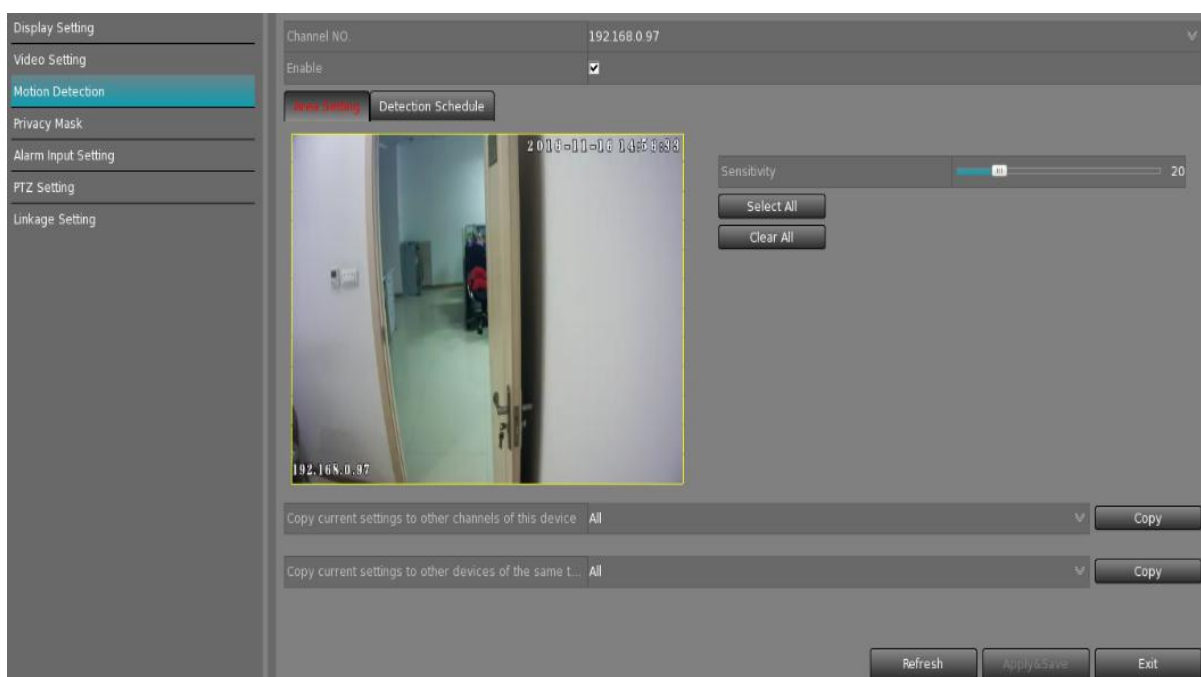
**【Enable Video】** You can enable the video by clicking the checkbox, the audio of main stream has been enabled in by default.

**【Enable Audio】** You can enable the audio by clicking the checkbox.

## 5.3 Motion Detection

Click the check box be in front of Enable to enable the motion detection function, then you can set the detection area and schedule.

### 5.3.1 Area Setting

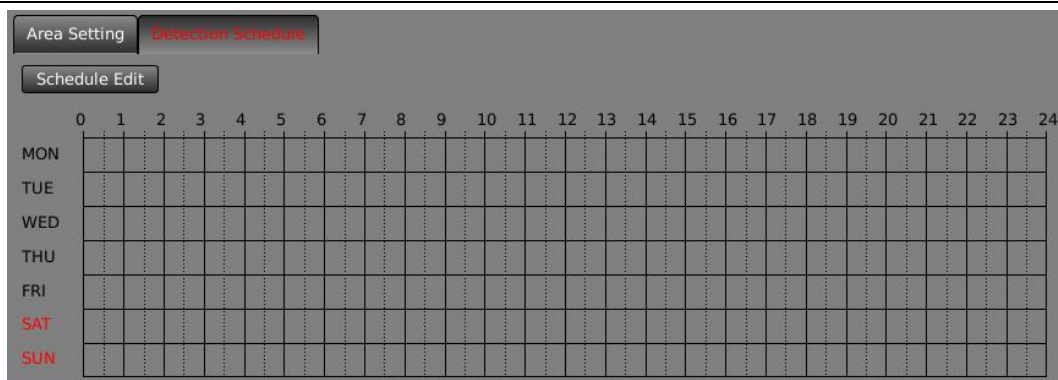


pic5-3-1

Left-click mouse and drag it on the video to set a motion detecting area, multi-areas are supported. You can also set the whole area by pressing the **Select All** button, or clear all areas by pressing the **Clear All** button.

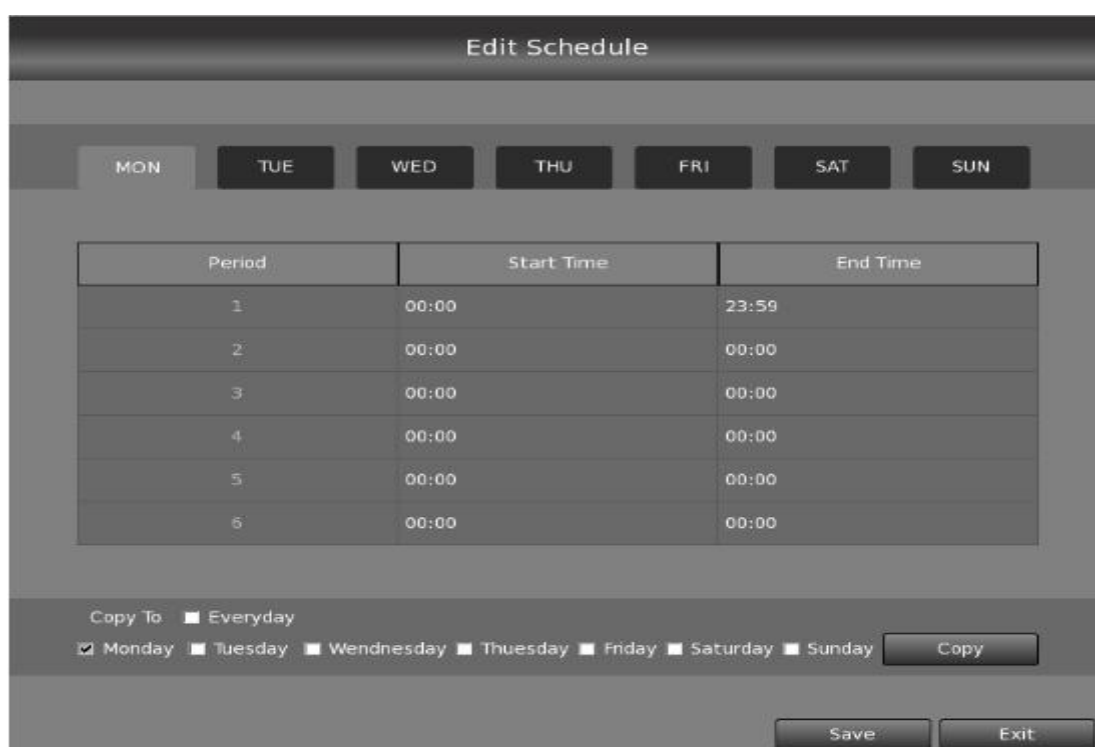
### 5.3.2 Detection Schedule





pic5-3-2(a)

Press the button **Schedule Edit**, it will pop up the sub window, showed as pic5-3-2(b), you can set the schedule in this window.



pic5-3-2(b)

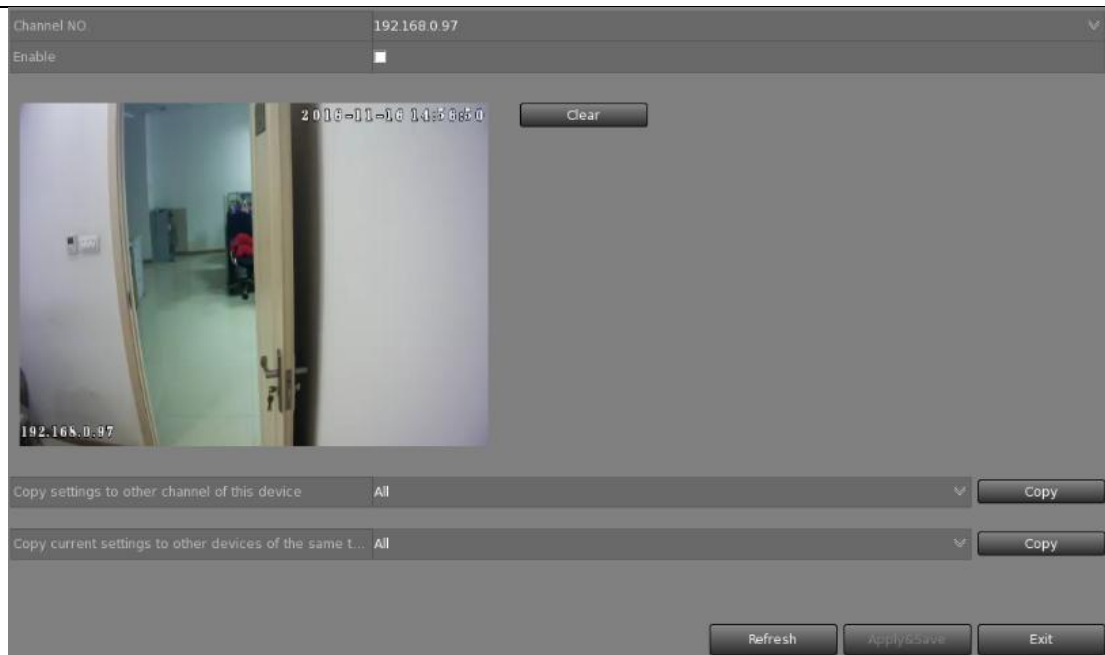
Select date firstly, then set time segment according to the sequence. After the precaution time of a certain day is set, you can copy the parameter to other dates by selecting a day and press the copy button.

Note:


The time of each segment should not be overlapped.

## 5.4 Privacy Mask

Click the check box of Enable to enable the Privacy Mask function. Users are allowed to setup several four-sided privacy mask zones that cannot be viewed by the operator. The privacy mask can prevent certain surveillance areas to be viewed or recorded.



pic5-4

Left-click mouse and drag it on the video to select several privacy mask areas, multi-areas are supported. You can also clear the zones by pressing  button.

## 5.5 Alarm Input Setting

Alarm Input NO.	non-name-0
Enable	<input checked="" type="checkbox"/>
Alarm Type	NO
Alarm Name	non-name-0

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
MON																									
TUE																									
WED																									
THU																									
FRI																									
SAT																									
SUN																									


Pic 5-5

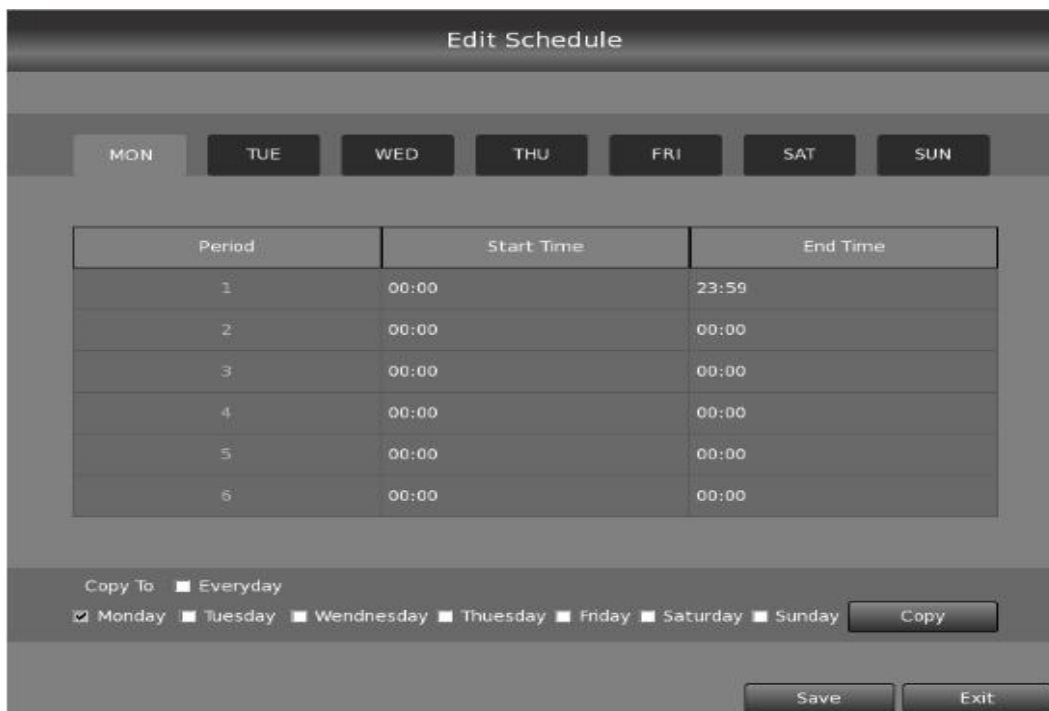
**【Alarm Input NO.】** Select one alarm input to be set.

**【Enable】** Enable the selected alarm input by clicking the checkbox

**【Alarm Type】** Select alarm type (sensor type) from “NO”(Normally Open) or “NC”(Normally Closed).

**【Alarm Name】** Display the name description of the sensor.

Press the  button, it will pop up the sub window, showed as pic5-5-1, you can set the time schedule in this window.



The 'Edit Schedule' window features a header with the title 'Edit Schedule'. Below the header is a row of seven buttons representing the days of the week: MON, TUE, WED, THU, FRI, SAT, and SUN. The 'MON' button is currently selected. In the center of the window is a table with three columns: 'Period', 'Start Time', and 'End Time'. The table contains six rows of data. Below the table is a section for scheduling options, including a 'Copy To' label, a checked 'Everyday' checkbox, and a row of checkboxes for each day of the week (Monday, Tuesday, Wednesday, Thursday, Friday, Saturday, Sunday). A 'Copy' button is located to the right of these checkboxes. At the bottom right of the window are two buttons: 'Save' and 'Exit'.

Period	Start Time	End Time
1	00:00	23:59
2	00:00	00:00
3	00:00	00:00
4	00:00	00:00
5	00:00	00:00
6	00:00	00:00

Pic 5-5-1

Select date first, then set time schedule. After the arm schedule of a certain day is set, you can copy the parameter to other dates by selecting the dates and press the copy button.

Note:

The time of each schedule should not be overlapped.

## 5.6 PTZ Setting

In the PTZ Setting window showed in pic5-6, users can define the PTZ Presets as well as the tour group to cruise them.

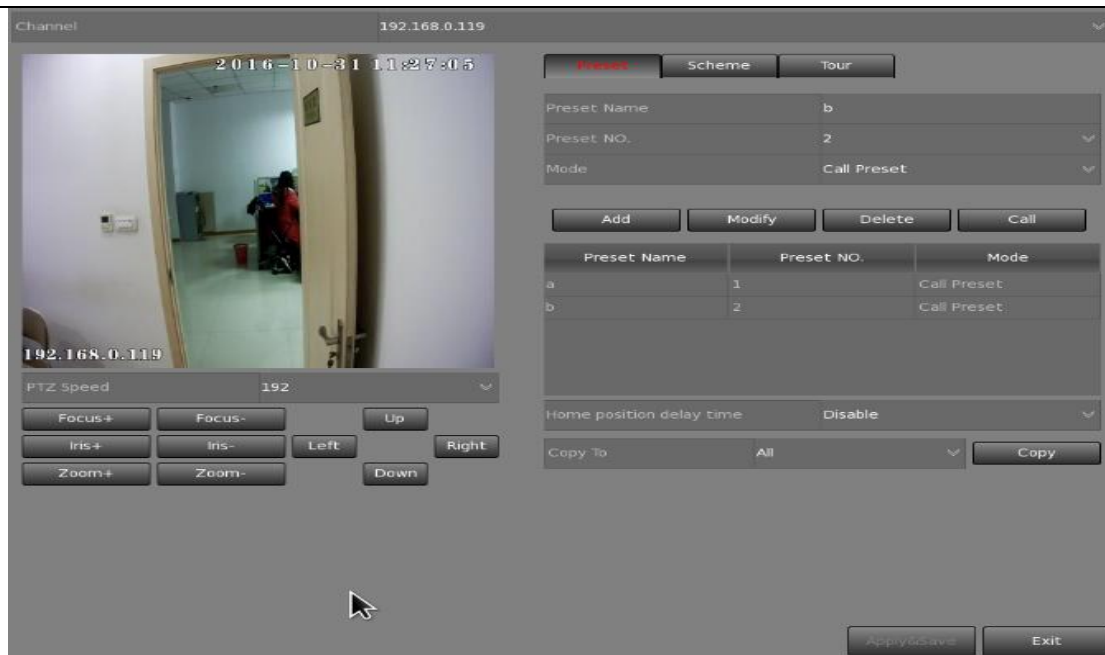
**【Channel】** Select the camera to be set from the drop-list.

 -- Set the speed of PTZ camera by dragging the slider.



A set of ten buttons for PTZ control, arranged in three rows. The first row contains 'Focus+', 'Focus-', and 'Up'. The second row contains 'Iris+', 'Iris-', 'Left', and 'Right'. The third row contains 'Zoom+', 'Zoom-', and 'Down'.

-- Users can adjust the PTZ camera's image in the PTZ setting by these 10 buttons.



pic5-6

### 5.6.1 Preset

When you step in the PTZ setting, the system will stay at Preset Setup interface by default, showed as pic5-6-1, users can set presets in this window.

**【Name】** Set the name for the current preset.

**【Preset】** Set the preset number for the current preset.

**【Mode】** Set the Mode of preset, includes Call Preset and Save Preset two modes. .

**Add**

-- Add the preset according to current configuration.

**Modify**

--Modify the preset you selected.

**Delete**

-- Select a preset from the list and delete it.

**Call**


-- Call the Preset if the Mode is Call Preset. If the mode is Save Preset, you would save the preset and could not call the preset.

**Home position delay time** Disable

-- Set the time interval for the camera to return to the home position when there is no PTZ action or disable the auto return function. Users can select the Home Position from the drop-list, the home position includes all Tour Groups and Presets.



pic5-6-1

## 5.6.2 Scheme

When you press the  button, the right interface will convert, showed as pic5-6-2. Users can set the scheme of the PTZ camera here.

Date	Time	Preset TourGroup
Sunday	05:10	TourGroup1
Monday	05:10	1


Pic5-6-2

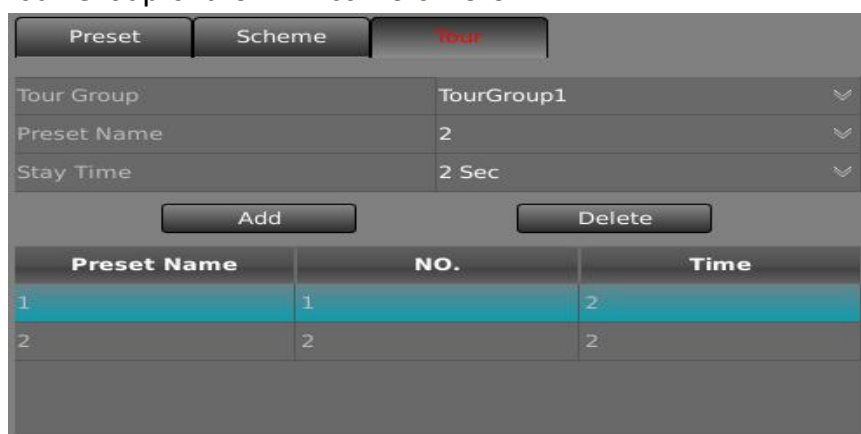
**【Preset| Tour】** Set a preset or Tour Group and click  to add it to the Preset Schedule or select one from the list and press  to delete from the Preset Schedule.

**【Call Time】【Hour】【Minute】** Set the time when the preset / Tour Group will be called.

**【Copy To】** you can copy the setting of Preset| Tour, Hour and Minute to other dates.

## 5.6.3 Tour

When you press the  button, the right interface will convert, showed as pic5-6-3. Users can set the Tour Group of the PTZ camera here.





Preset Name	NO.	Time
1	1	2
2	2	2

pic5-6-3

**【Tour Group】** Select the Tour Group you want to set in the drop-list.

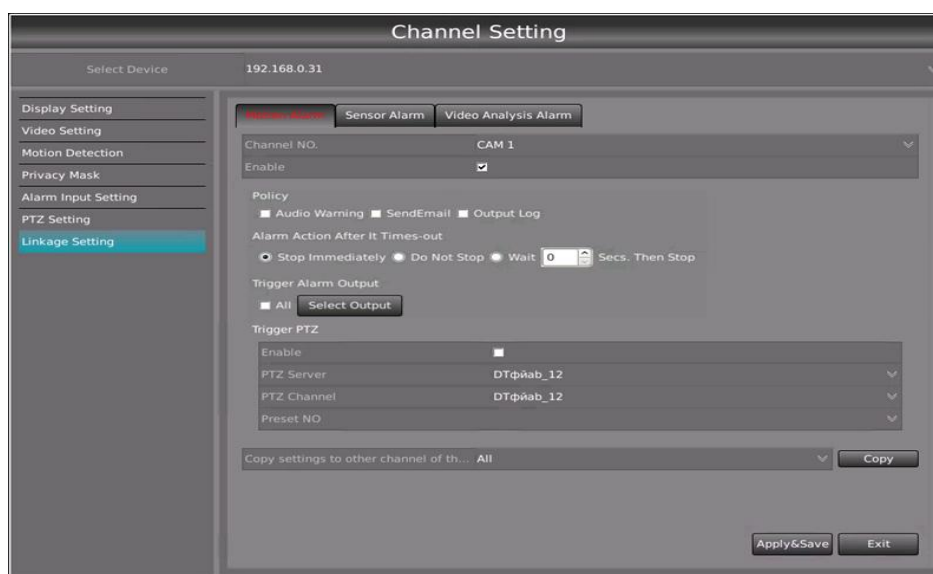
**【Preset Name】** Select the preset which you set in Preset Setting and add it into the selected Tour Group.

**【Stay Time】** Select the Stay Time for the selected preset in the drop-list.

Press the button  to add the preset into the Tour Group, select a preset from the list and press the button  to delete it from the Tour Group.

## 5.7 Linkage Setup

### 5.7.1 Motion Alarm



pic5-7-1

**【Select Device】** The device you selected for settings, users can select other devices from

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the drop-list and then select the channel from **【Channel NO.】** to setup the linkage.

**【Channel NO.】** It displays the channel number of selected device. Users can also select the camera of the selected device you want to set from the drop- list (Usually used when the selected device is DVR / NVR / HCVR / TVI DVR /NVSS which has several channels).

**【Enable】** Users can click the checkbox to enable the motion alarm linkage function or disable this function by unselected.

**【Policy】** Handling policies will be available as follows:

**【Audio Warning】** Indicate the alarm with voice;


**【Send Email】** Send an email when the alarm triggered to the email address which you set in “system setting-network setting-Email Setting”.

**【Output Log】** Write the alarm information to log in certain color set in “System setting—Log Color Setting”.

Note:

It won't output motion alarm log in log panel until you check “Output Log”as well as checking the corresponding channels in “System setting—Log Color Setting—Alarm Information”.

**【Trigger Alarm Output】** Set the trigger alarm output, Users can click the checkbox  **All**

to select to trigger all alarm outputs, or press the  button it will pop up a sub window, showed as pic5-7-1(b), you can select the output you want to trigger here.

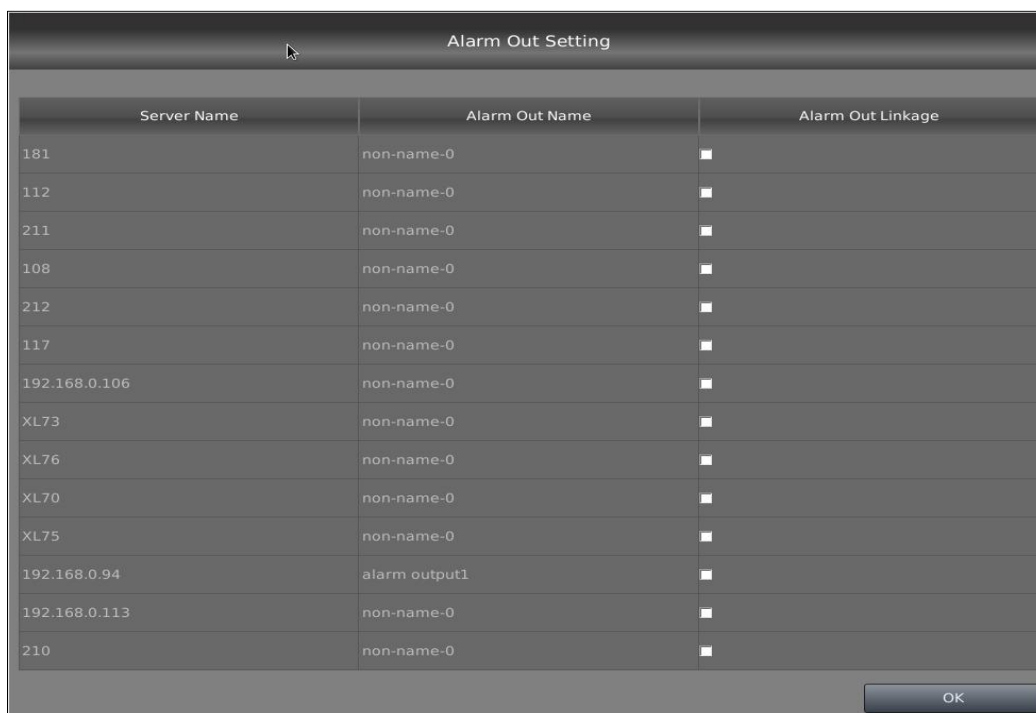
**【Alarm Action After It Times-Out】** Select system alarm linkage mode when an alarm stops. “Stop Immediately” means the system stops alarm immediately after the alarm driver stops an alarm. “Do Not Stop” means the system does not stop alarm after the alarm driver stops an alarm. “Wait” means the system will stop alarm at your setting time after the alarm driver stops an alarm.

**【Trigger PTZ】** Users can enable the function to trigger a PTZ camera to call a special preset by clicking the checkbox of Enable.

**【PTZ Server】** Select the PTZ server you want to set in the drop-list.

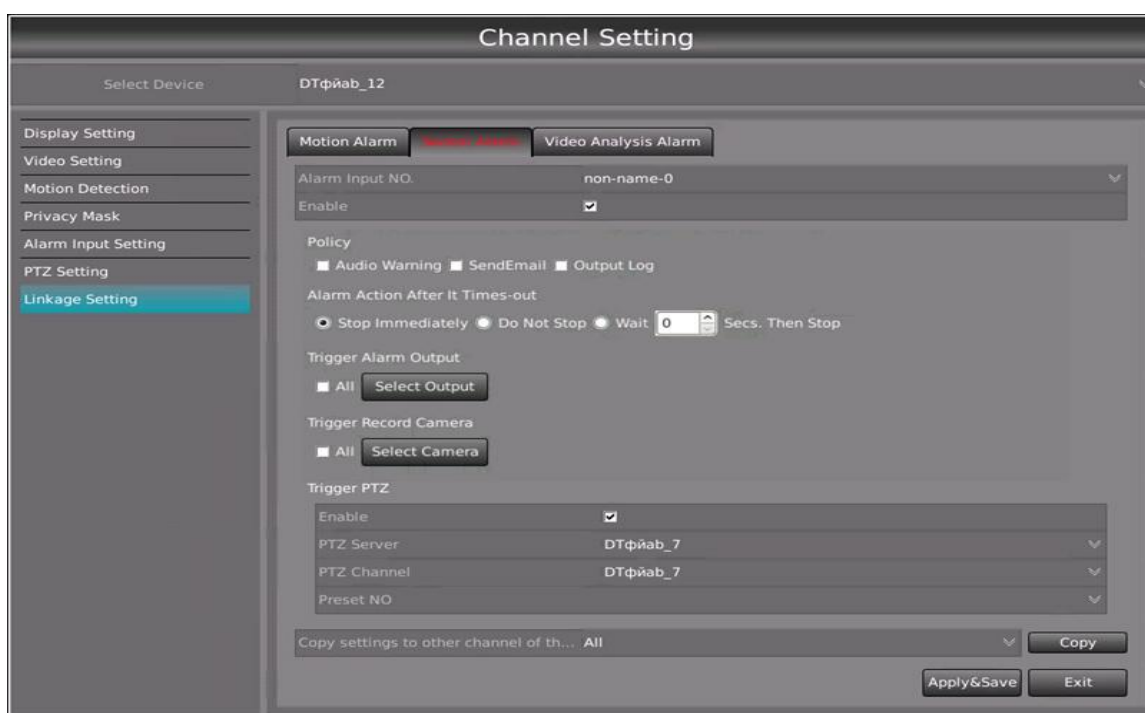
**【PTZ Channel】** Select the channel of the selected PTZ server in the drop-list.

**【Preset NO.】** Select the Preset of the Channel you selected.



pic5-7-1(b)

## 5.7.2 Sensor Alarm



pic5-7-2

**【Select Device】** The device you selected for settings, users can select other devices from the drop-list and then select the sensor from **【Alarm Input NO.】** to setup the linkage.

**【Alarm Input NO.】** It displays the alarm input number of the selected device. Users can also select other input you want to set from the drop- list.

**【Enable】** Users can click the checkbox to enable the motion alarm linkage function or disable this function by unselected.



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**【Policy】** Handling policies will be available as follows:

**【Audio Warning】** Indicate the alarm with voice;

**【Output Log】** Write the alarm information to log in certain color set in “System setting—Log Color Setting”.

Note:

It won't output sensor alarm log in log panel until you check “Output Log” as well as checking the corresponding channels in “System setting—Log Color Setting—Alarm Information”.

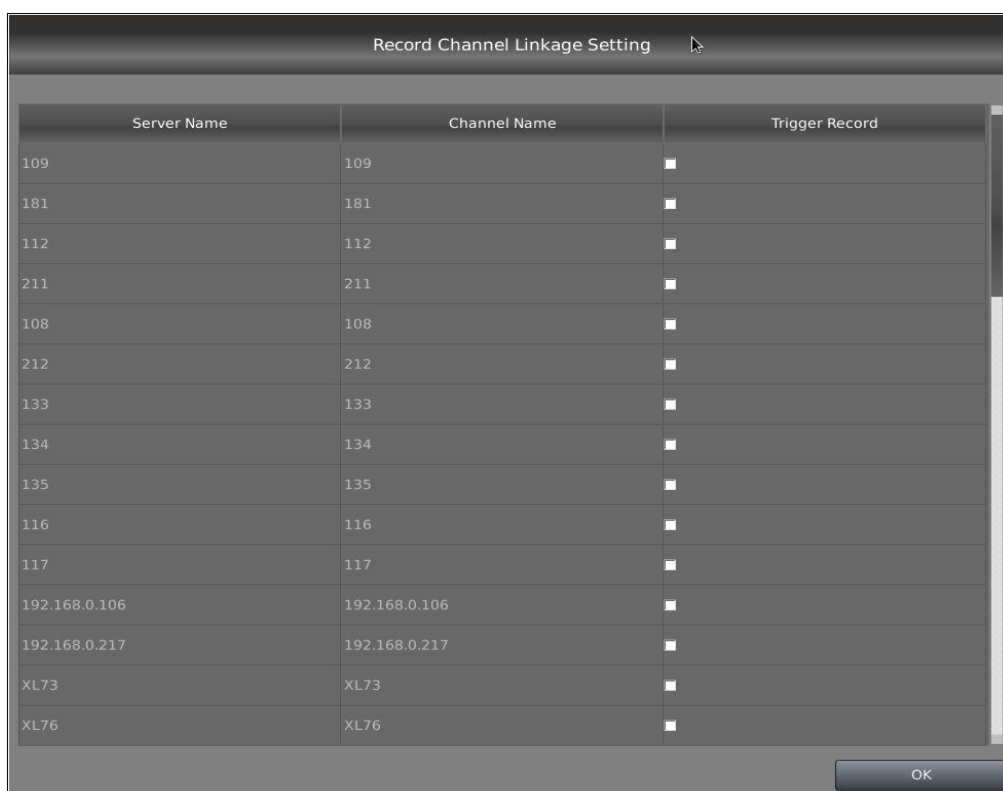
**【Send Email】** Send an email when the alarm triggered to the email address which you set in “system setting-network setting-Email Setting”.

**【Alarm Action After It Times-Out】** Select system alarm linkage mode when an alarm stops. “Stop Immediately” means the system stops alarm immediately after the alarm driver stops an alarm. “Do Not Stop” means the system does not stop alarm after the alarm driver stops an alarm. “Wait” means the system will stop alarm at your setting time after the alarm driver stops an alarm.

**【Trigger Alarm Output】** Set the trigger alarm output, Users can click the checkbox ☐ All

to select to trigger all alarm outputs, or press the **Select Output** button it will pop up a sub window, showed as pic5-7-1(b), you can select the output you want to trigger here.

**【Trigger Record Camera】** Set the record cameras when alarm triggered, click the checkbox ☐ All to select the all cameras to record, or press the button **Select Camera** to pop up a sub window, showed as pic5-7-2(b), to select the cameras you want to record.



pic5-7-2(b)

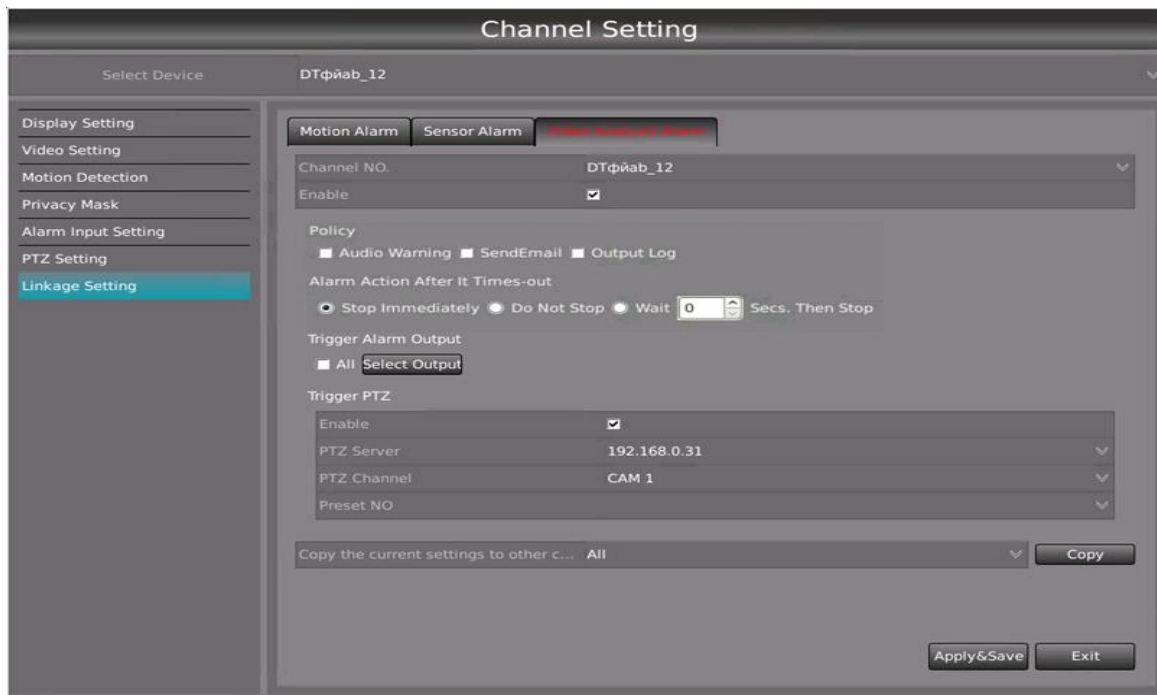
**【Trigger PTZ】** Users can enable the function to trigger a PTZ camera to call a special preset by clicking the checkbox of Enable.

【PTZ Server】 Select the PTZ server you want to set in the drop-list.

【PTZ Channel】 Select the channel of the selected PTZ server in the drop-list.

【Preset NO.】 Select the Preset of the Channel you selected.

### 5.7.3 Video Analysis Alarm



pic5-7-3

【Select Device】 The device you selected for settings, users can select other devices from the drop-list and then select the channel from 【Channel NO.】 to setup the linkage.

【Channel NO.】 It displays the channel number of selected device. Users can also select the camera of the selected device you want to set from the drop- list (Usually used when the selected device is DVR / NVR / HCVR / TVI DVR/NVSS which has several channels).

【Enable】 Users can click the checkbox to enable the Video Analysis alarm linkage function or disable this function by unselected.

【Policy】 Handling policies will be available as follows:

【Audio Warning】 Indicate the alarm with voice;

【Send Email】 Send an email when the alarm triggered to the email address which you set in “system setting-network setting-Email Setting”.


【Output Log】 Write the alarm information to log in certain color set in “System setting—Log Color Setting”.

Note:

It won't output Video Analysis alarm log in log panel until you check “Output Log”as well as checking the corresponding channels in “System setting—Log Color Setting—Alarm Information”.

【Alarm Action After It Times-Out】 Select system alarm linkage mode when an alarm stops. “Stop Immediately” means the system stops alarm immediately after the alarm driver stops an alarm. “Do Not Stop” means the system does not stop alarm after the alarm driver stops an alarm. “Wait” means the system will stop alarm at your setting time after the alarm driver stops an alarm.

【Trigger Alarm Output】 Set the trigger alarm output, Users can click the checkbox ☒ All

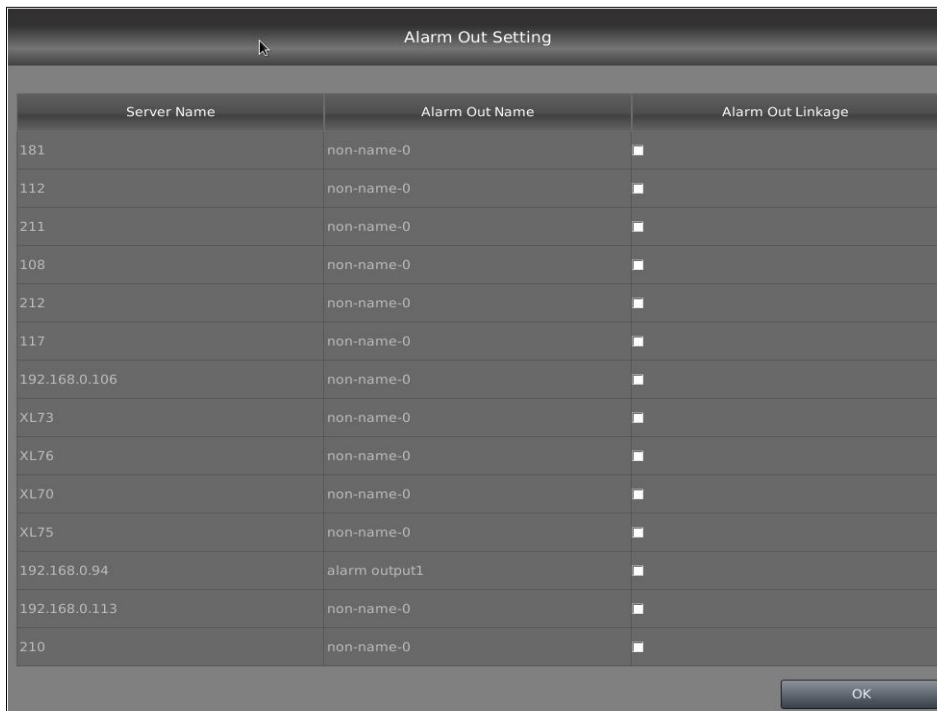
to select to trigger all alarm outputs, or press the  button, it will pop up a sub window, showed as pic5-7-3(b), you can select the output you want to trigger here.

**【Trigger PTZ】** Users can enable the function to trigger a PTZ camera to call a specific preset by clicking the checkbox of Enable.

**【PTZ Server】** Select the PTZ server you want to set in the drop-list.

**【PTZ Channel】** Select the channel of the selected PTZ server in the drop-list.

**【Preset NO.】** Select the Preset of the Channel you selected.



The image shows a dialog box titled "Alarm Out Setting". It contains a table with three columns: "Server Name", "Alarm Out Name", and "Alarm Out Linkage". The table lists 15 rows of data. The "Server Name" column contains various identifiers including IP addresses and alphanumeric codes. The "Alarm Out Name" column contains either "non-name-0" or "alarm output1". The "Alarm Out Linkage" column contains a small square checkbox for each row. An "OK" button is located at the bottom right of the dialog box.

Server Name	Alarm Out Name	Alarm Out Linkage
181	non-name-0	<input type="checkbox"/>
112	non-name-0	<input type="checkbox"/>
211	non-name-0	<input type="checkbox"/>
108	non-name-0	<input type="checkbox"/>
212	non-name-0	<input type="checkbox"/>
117	non-name-0	<input type="checkbox"/>
192.168.0.106	non-name-0	<input type="checkbox"/>
XL73	non-name-0	<input type="checkbox"/>
XL76	non-name-0	<input type="checkbox"/>
XL70	non-name-0	<input type="checkbox"/>
XL75	non-name-0	<input type="checkbox"/>
192.168.0.94	alarm output1	<input type="checkbox"/>
192.168.0.113	non-name-0	<input type="checkbox"/>
210	non-name-0	<input type="checkbox"/>

pic5-7-3(b)