

ECMS

User's Manual



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About this document

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1. INTRODUCTION

ECMS is the state-of-the-art network video management software that supports EverFocus Paragon, Paragon264, ECOR, ECOR264 and EDR/EDVR series DVRs. Its web browser based architecture and built-in database engine deliver powerful video management functions such as unlimited device tree entries, customizable user access rights, and advanced event search. It also features an advanced E-map function that allows users to visualize all devices on a geographic region at different zoom levels. Working with the included EverFocus TV Wall software, it can control a monitor wall (local or remote) containing multiple video displays. With powerful and flexible function sets, the ECMS software delivers the most comprehensive remote video management applications to meet your surveillance needs.

2. FEATURES

- Overview
 1. Compatible with MPEG-4 and H.264 video formats
 2. Support Paragon, Paragon 264, ECOR, ELR and EDR/EDVR DVR
 3. Unlimited devices / maps / Monitors / live view screens / playback screens supported
 4. Internet Explorer Browser based

- Live Video
 1. Support configurable view layout and display presets for custom split screens with assigned DVR
 2. Support remote viewing
 3. User grouping tree, device tree and map tree with filtered views
 4. Support device drag and drop function on layout setting and device configuration
 5. Support PTZ control, including control of presets and patterns, tours

- Live Monitor
 1. Multi-monitor support Video TV Wall via display terminal setting
 2. Support multiple monitors to display separate information
 3. View real-time alarms and alarm history

- Playback and Search

1. Support multiple concurrent video and audio playback from DVR
 2. Searching can be queried based on channel; date and time and event type
 3. Support several playback speeds in fast forward and fast reverse playback.
 4. Support multiple video and audio archive
- E-Map
 1. Support Google Map and E-map function
 2. Insert Map-Link and DVR
 - User Management
 1. User database with login, password and contact details
 2. Support user authentication and permission
 3. Support user grouping. One user can be assigned to one group and inherit the privileges of the group.
 4. User privileges can be assigned per DVR, per E-map and function.

3. SYSTEM REQUIREMENTS

3.1 Minimum System requirements

- No existing SQL server system installed
- Intel Pentium 4 531 3.0 GHz, 1 MB Cache, 800 MHz FSB
- Microsoft Windows XP Professional SP2, Microsoft Windows Vista. Window7
- Microsoft Internet Explorer Version 7.0.
- 1.0 GB of RAM
- 10 GB of free hard disk space or more
- Display adapter with 256 MB or better
- 1024 x 768 or higher screen resolution
- 10/100/1000 Ethernet Network adapter
- Microsoft DirectX 9.0c or better
- AppServ 2.5.10 (Apache 2.2.8, PHP 5.2.6, MySQL 5.0.51b, phpMyAdmin-2.10.3) or later

3.2 Recommended System requirements

a) When more than 16 channels are enabled in live view and playback mode together, it is recommended that the client PC meets below system requirements for optimal performance.

- Intel Core2 Duo E7400 2.8 GHz or higher, 3 MB Cache, 1066 MHz FSB
- Microsoft Windows XP Professional SP3, or Microsoft Windows Vista.
- Microsoft Internet Explorer Version 7.0.
- 2.0 GB of RAM
- 10 GB of free hard disk space or more
- Graphics card with 512 MB memory or better
- 1024 x 768 or higher screen resolution
- 10/100/1000 Ethernet Network adapter
- Microsoft DirectX 9.0c or better
- AppServ 2.5.10 (Apache 2.2.8 ,PHP 5.2.6 ,MySQL 5.0.51b ,phpMyAdmin-2.10.3) or later

b) When more than 64 channels are enabled in live view and playback mode together, it is recommended that the client PC meets below system requirements for optimal performance.

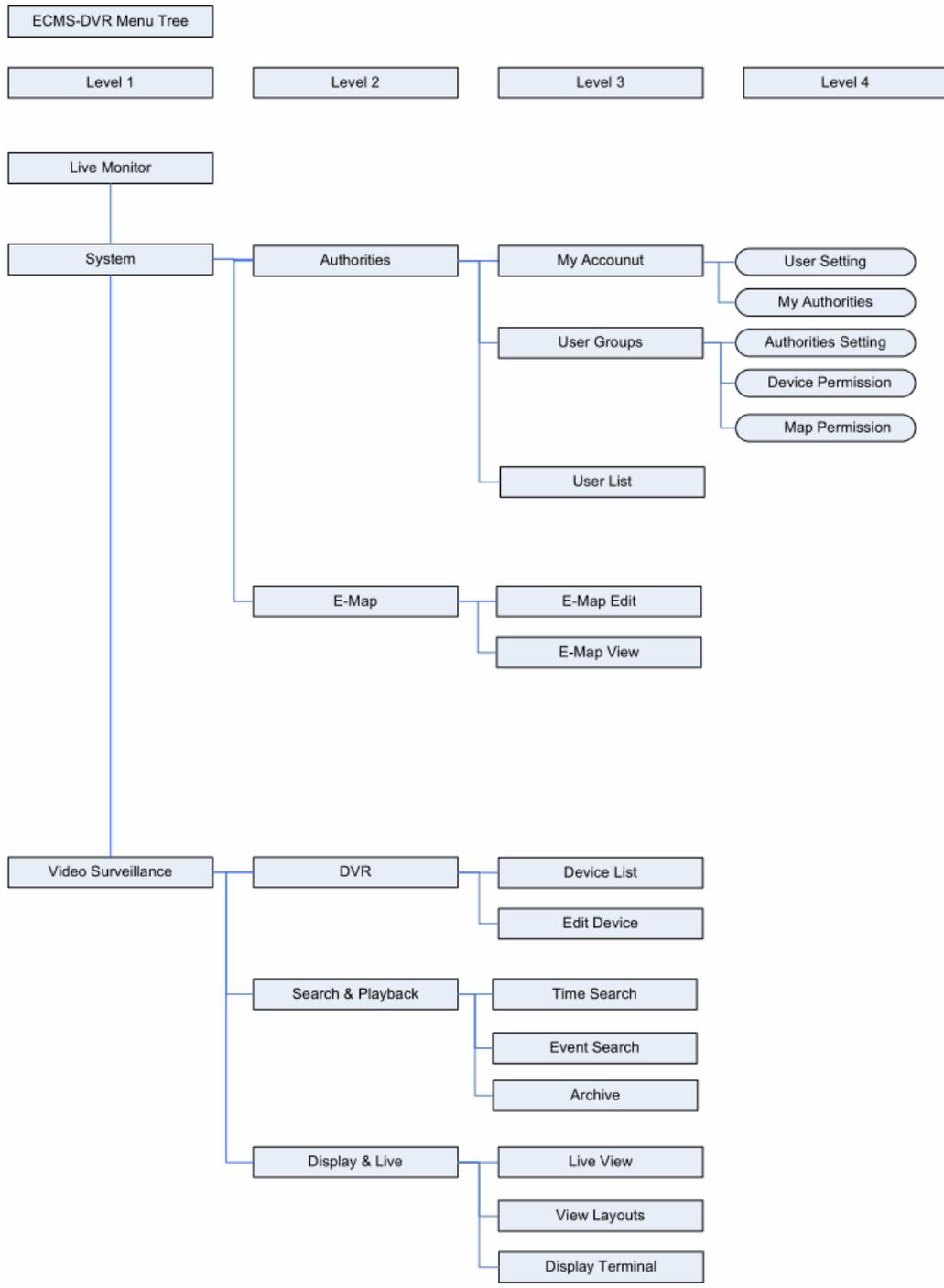
- Intel Core2 Quad Q9400 2.66 GHz or higher, 6 MB Cache, 1333 MHz FSB
- Microsoft Windows XP Professional SP3, or Microsoft Windows Vista.
- Microsoft Internet Explorer Version 7.0.
- 4.0 GB of RAM
- 10 GB of free hard disk space or more
- Graphics card with 1 GB memory or better
- 1024 x 768 or higher screen resolution
- 10/100/1000 Ethernet Network adapter
- Microsoft DirectX 9.0c or better
- AppServ 2.5.10 (Apache 2.2.8, PHP 5.2.6, MySQL 5.0.51b, phpMyAdmin-2.10.3) or later

3.3 Notes about using CMS

1. Client PC's performance (mostly CPU speed, size of RAM, and graphics card) and network bandwidth may affect live view and playback quality and the amount of time it takes to archive video.

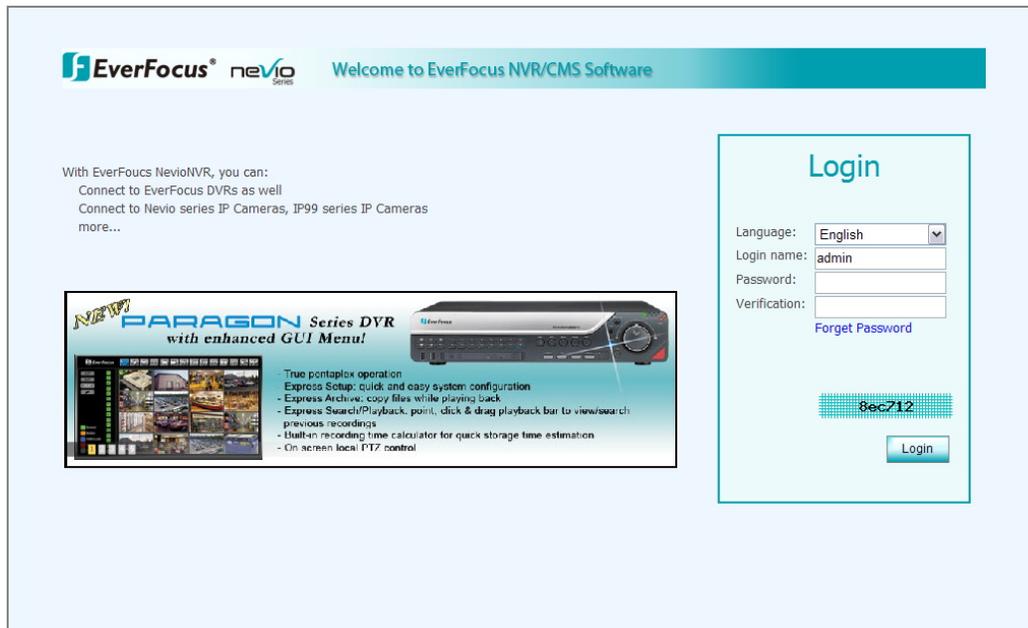
2. Please use a dedicated or clean PC to install CMS.

4. MAIN WINDOW MENU TREE



5. SETTING UP

5.1 Log in



Enter the IP address and you will see the login page.

1. Language: select the language
2. Login name: type in Login name. (Default Login name: Admin)
3. Password: type in the password. (Default Password: 11111111)
4. Verification: type in the verification code.
5. Forget Password: If user forgot the password, click on “Forget Password” to display the hint set in “Authorities=>My Account=>User Setting”.



5.2 Live Monitor

The default login page is Live Monitor.

The Live Monitor configuration page contains the following tabs:

The screenshot shows the EverFocus nevio Live Monitor interface. At the top, there is a navigation bar with tabs for 'Live Monitor', 'System', and 'Video Surveillance'. The user information in the top right corner is: User: admin, DATE: 2009/8/19, TIME: 11:26:43, Logout. The interface is divided into several sections:

- 1:** A left sidebar containing a 'Device List' and 'Mapview List'.
- 2:** A 'Device Groups' section with a tree view showing 'Default_Group'.
- 3:** A 'Mapview List' section with a 'EMAP' button.
- 4:** A top navigation bar with the EverFocus logo and navigation tabs.
- 5:** A 'Display Terminals' section showing a row of device thumbnails labeled 'display_device16' through 'display_device07'.
- 6:** A map section showing a street grid with 'Albion St' highlighted in yellow. The scale is 1000:1. Map controls like 'Map', 'Satellite', and 'Hybrid' are visible.
- 7:** An event log table at the bottom.

Device Name	Event Type	Time	Description
ELR147	Motion Detected!	1954/5/8 15:11.0	CH02

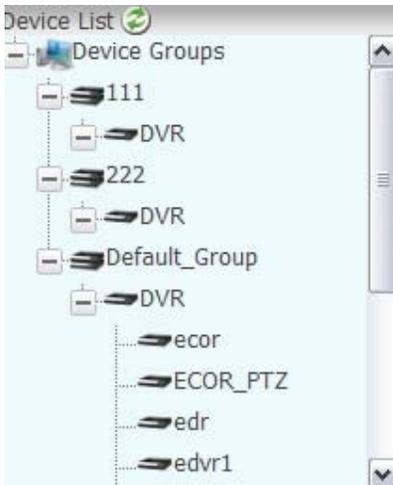
The CMS-DVR contains three sections: Live Monitor, System and Video Surveillance.

In live monitor, the main page is divided into 7 sections:

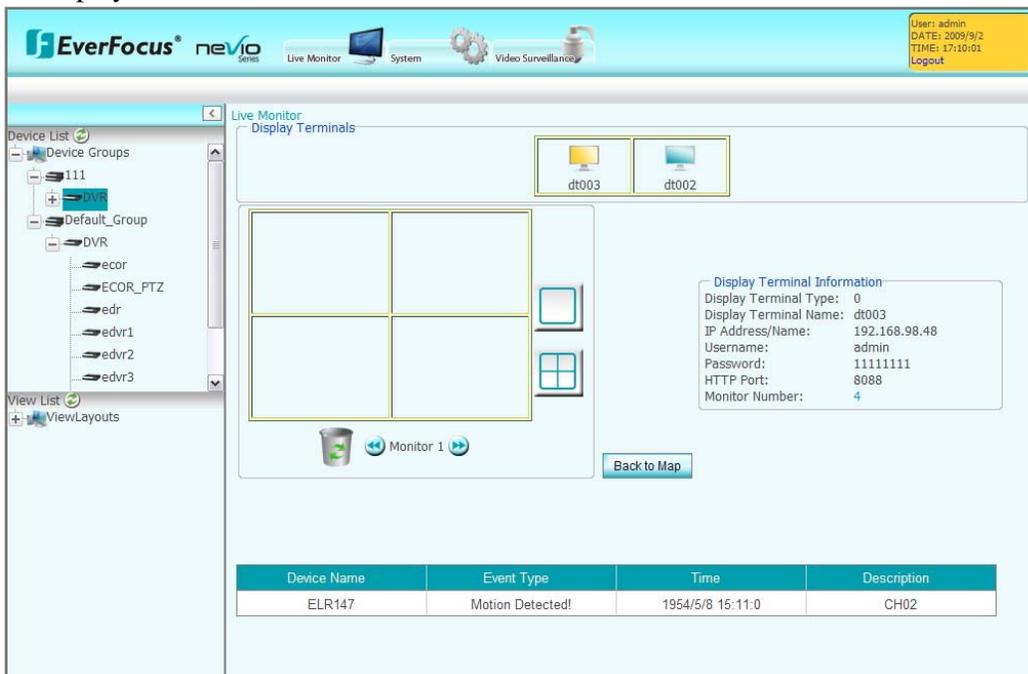
1. Click to draw back the left panel. Click again to unfold it.

2. Device list:

Select device group first, all the devices will be shown under device group.



3. Mapview list: all the maps will be shown.
4. Status/Logout: displays user, current date and time. Click “Logout” button to logout of the system.
5. Display Terminals: When you click on one of displays Device show on the bar of Displays terminal, it will term in the screen as follow.



Select either full screen view  or 4-displays view 

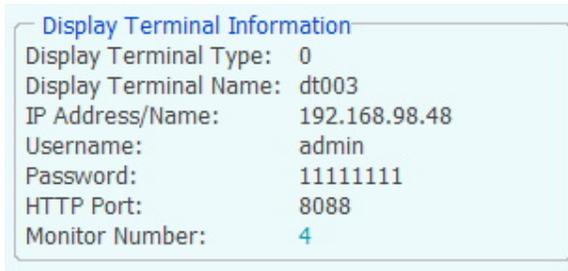
Drag and drop the DVR from left panel to the screen to view it, but this view cannot be saved.

Use the Left/Right arrows to go to previous/next 4 monitors.

Display terminal is a client PC. After this Display terminal has installed Everfocus Wall AP, ECMS can control it and show the view via this Display terminal. Everfocus Wall AP can support max. 4 monitors for each Display terminal client PC.

Click  to go back to the map page.

To delete a monitor, drag and drop the device to recycle bin . Display terminal information will be shown at right-hand side.



6. Map: Google map is the default map used for ECMS.

Double click at one point, that point will be the center point of map.

Click "Map", "Satellite" or "Hybrid" for different display methods of the map.

Navigating in Google Maps

You can navigate (move your view) in two dimensions in any Google Map. To pan (move the map), do one of the following:

Click and drag the map

Click the up arrow on your keyboard to move north

Click the down arrow on your keyboard to move south

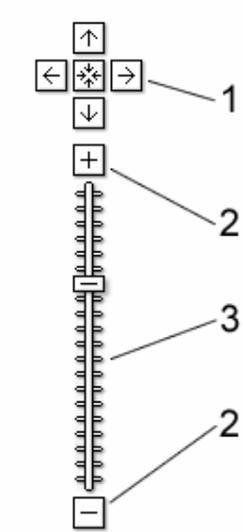
Click the right arrow on your keyboard to move east

Click the left arrow on your keyboard to move west

Additionally, you can zoom in or out by clicking the + or - keys. Move the cursor over a location and use the mouse scroll button to zoom in or out on that location. To center and zoom in on a location, double click the location.

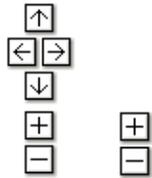
Using the Navigation Controls

The navigation controls you see at maps.google.com are shown on the left. Navigation controls include:



1. **Arrows** - Click the appropriate arrow buttons to move the view north, south, east or west.
2. **Zoom** - Click + to zoom in on the center of the map. Click - to zoom out.
3. **Zoom slider** - Drag the zoom slider up or down to zoom in or out incrementally.

Other web pages with embedded Google Maps may not have all or any of these navigation controls. For example, embedded maps may show navigation controls that look like those below:



7. Event list: Event list will be showing with event information.

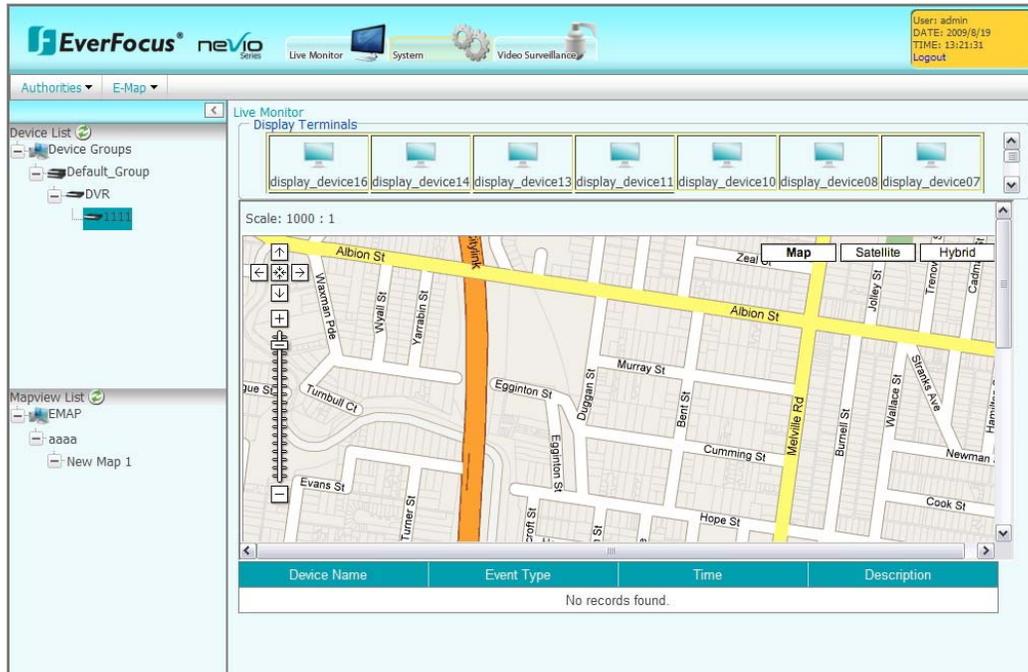
Device Name	Event Type	Time	Description
EDR72	Motion	2009/09/22 09:41:28	CH00
EDR72	Motion	2009/09/22 09:41:41	CH00
EDR72	Motion	2009/09/22 09:42:29	CH00

Note:  is the refresh button. Click this button to refresh the current page.

5.3 System

This section describes the functions of the System.

In “System”, there are two main sections: “Authorities” and “E-Map”.

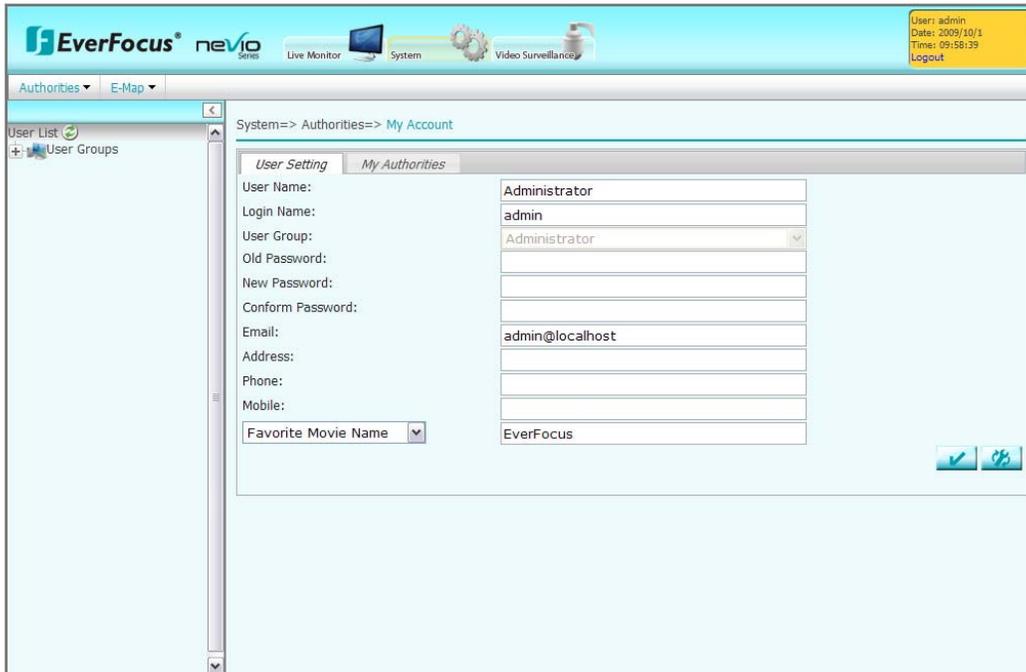


In Authority, there are 3 sub-sections: My Account, User Groups and User List.

5.3.1 Authority

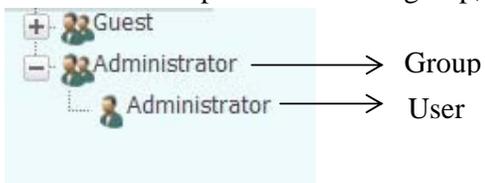
Authority => My Account => User Setting

In this section, user can configure user's settings.



User List is displayed at left panel.

The icon with 2 persons means a group, and the icon with only 1 person means a user.



1. User Name: Input user name.
2. Login Name: Input login name.
3. User Group: Select user group.
4. Old Password: Enter old password.
5. New Password: Enter new password.
6. Confirm Password: Enter password again for confirmation.
7. Email: Input user's e-mail address.
8. Address: Input user's mailing address.
9. Phone: Enter user's phone number.

10. Mobile: Enter user's mobile number.

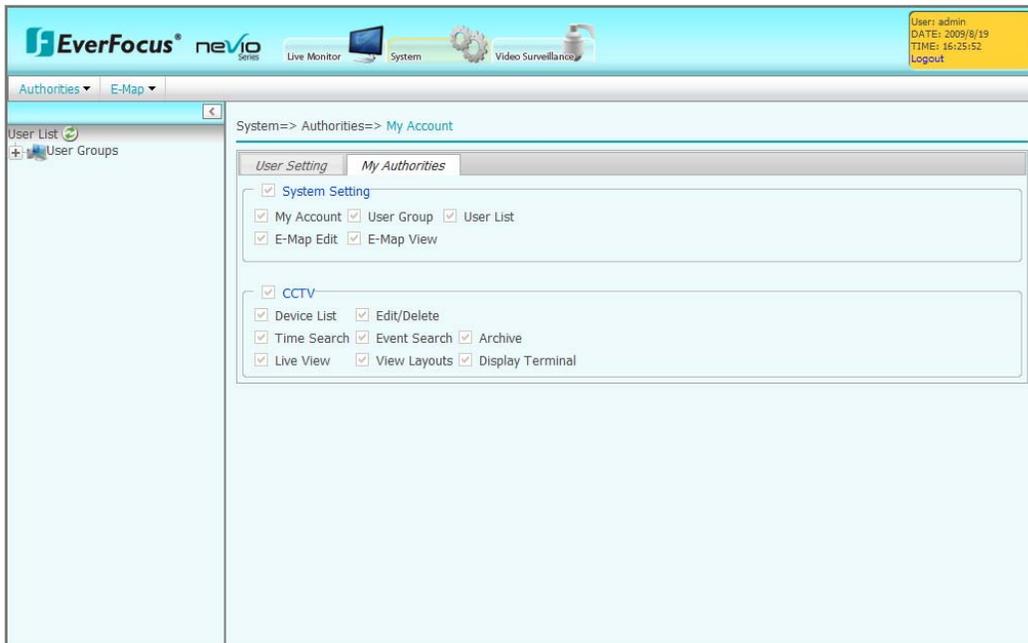
11. Select a hint question and enter the answer. System will check the answer first, if it is correct, the password will be reset to default value "1111111".

Click  button to apply changes.

Click  button to reset settings.

Authority => My Account => My Authority

It displays authority for system setting and CCTV. These settings are not editable.



System Setting

My Account, User Group, User List, E-Map Edit, E-Map View

CCTV

Device List, Edit/Delete, Time Search, Event Search, Archive, Live View, View Layouts, Display/Terminal

System=> Authorities=> User Groups

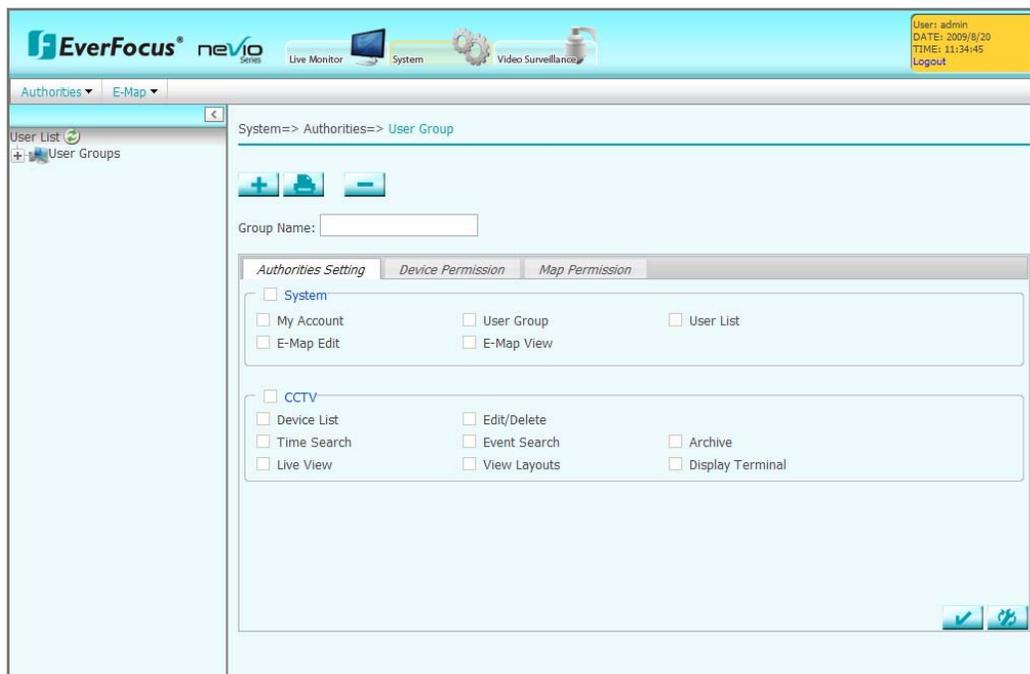
The User Group configuration page contains the following sections

Authorities Setting:

This section is used to edit group's authority. There are two default groups: Administrator Group and Guest Group.

Users in the same group share the same Authorities, Device Permission and Map Permission.

1. Administrator Group has all the authorities and Device/map permission. Administrator Group and its authorities cannot be deleted by anyone. Administrator User cannot be deleted by anyone.
2. Guest Group: If a user group has been deleted, all the users belong to this group will switch to guest group and inherit the authority of Guest group. The default authority for Guest group is "Live View".



Select a group first. To create a new group, click “” button; to delete a group, click “” button. To print out the page, click “” button.

System

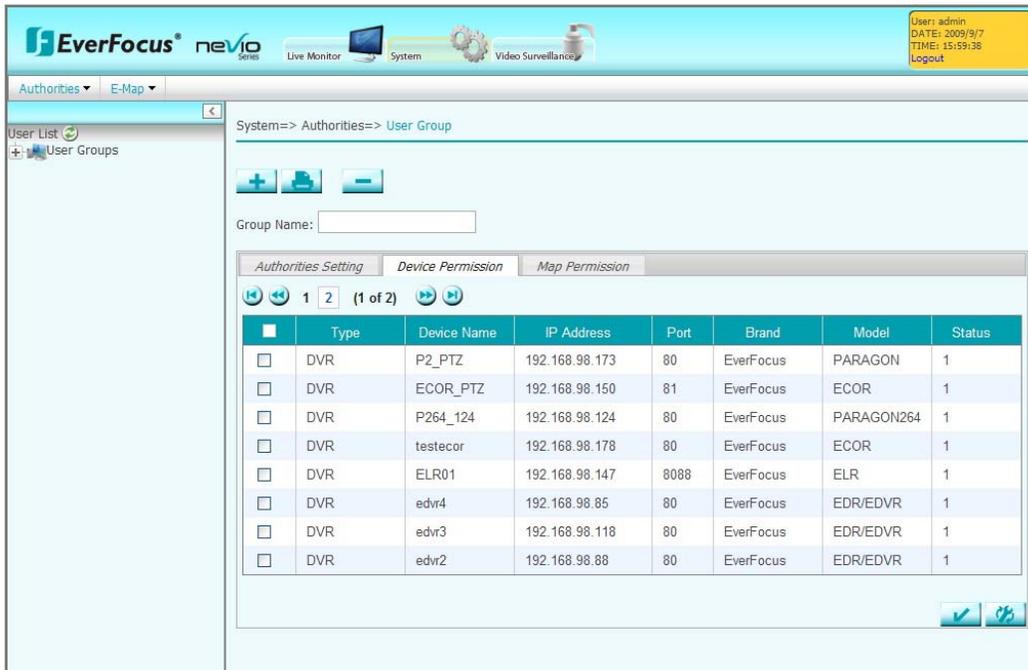
In system, select system's authority setting that the group is allowed to do by ticking the item. To select all the items, tick "System".

CCTV

In CCTV, select CCTV's authority setting that the group is allowed to do by ticking the item. To select all the items, tick "CCTV".

Device Permission

Select a group first. To create a new group, click " button; to delete a group, click " button. Click " button to print out the page.



The screenshot shows the EverFocus neVIO Series web interface. The main content area is titled "System=> Authorities=> User Group". It features a "Group Name:" input field and three buttons: a plus sign for adding, a minus sign for deleting, and a printer icon for printing. Below these is a tabbed interface with "Authorities Setting", "Device Permission", and "Map Permission" tabs. The "Device Permission" tab is active, displaying a table of devices. The table has columns for checkboxes, Type, Device Name, IP Address, Port, Brand, Model, and Status. There are 8 rows of device data.

<input type="checkbox"/>	Type	Device Name	IP Address	Port	Brand	Model	Status
<input type="checkbox"/>	DVR	P2_PTZ	192.168.98.173	80	EverFocus	PARAGON	1
<input type="checkbox"/>	DVR	ECOR_PTZ	192.168.98.150	81	EverFocus	ECOR	1
<input type="checkbox"/>	DVR	P264_124	192.168.98.124	80	EverFocus	PARAGON264	1
<input type="checkbox"/>	DVR	testecor	192.168.98.178	80	EverFocus	ECOR	1
<input type="checkbox"/>	DVR	ELR01	192.168.98.147	8088	EverFocus	ELR	1
<input type="checkbox"/>	DVR	edvr4	192.168.98.85	80	EverFocus	EDR/EDVR	1
<input type="checkbox"/>	DVR	edvr3	192.168.98.118	80	EverFocus	EDR/EDVR	1
<input type="checkbox"/>	DVR	edvr2	192.168.98.88	80	EverFocus	EDR/EDVR	1

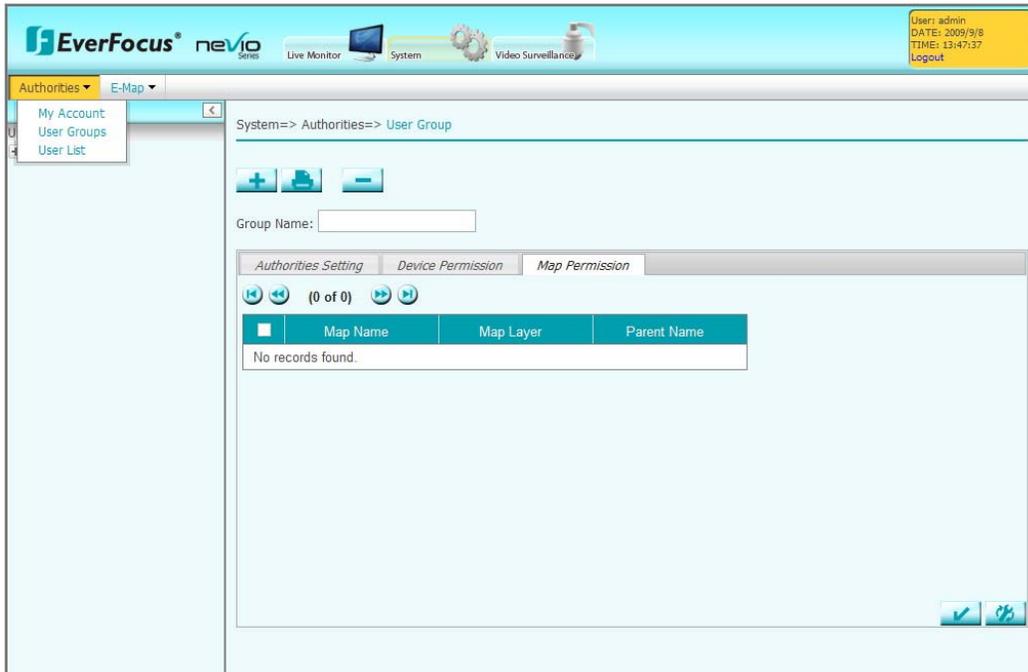
All the devices will be listed and tick the checkbox to select which device user is allowed to configure.

Note: Wherever there is a table, user can sort the items by clicking on the title of that column.

<input type="checkbox"/>	Type	Device Name	IP Address	Port	Brand	Model	Status
<input type="checkbox"/>	DVR	ELR	192.168.98.147	80	EverFocus	ELR	Online
<input type="checkbox"/>	DVR	EDR	192.168.98.72	80	EverFocus	EDR/EDVR	Online

Map Permission

Select a group first. To create a new group, click “” button; to delete a group, click “” button. Click “” button to print out the page.



All the maps will be listed, tick the checkbox to select which map user is allowed to configure.

System=> Authorities=> Users list

The screenshot shows the EverFocus nevio Series web interface. The top navigation bar includes 'Authorities' and 'E-Map'. The main content area is titled 'System=> Authorities=> Users'. On the left, a 'User List' sidebar shows a tree view of 'User Groups' with 'Administrator' selected. The main area contains a table with the following data:

<input checked="" type="checkbox"/>	Name	LoginName	Group Name	Email	Status
<input checked="" type="checkbox"/>	Administrator	admin	Administrator	admin@everfocus.com	0

Show all users. Click  button to delete a selected user.

Click  button to add a new user and “add a new user” window pops up.

The screenshot shows the EverFocus nevio Series web interface with the 'System=> Authorities=> User List' page. The 'Add A New User' dialog box is open, displaying the following fields:

- User Name:
- Login Name:
- User Group:
- New Password:
- Conform Password:
- Email:
- Address:
- Phone:
- Mobile:
- Favorite Movie Name:

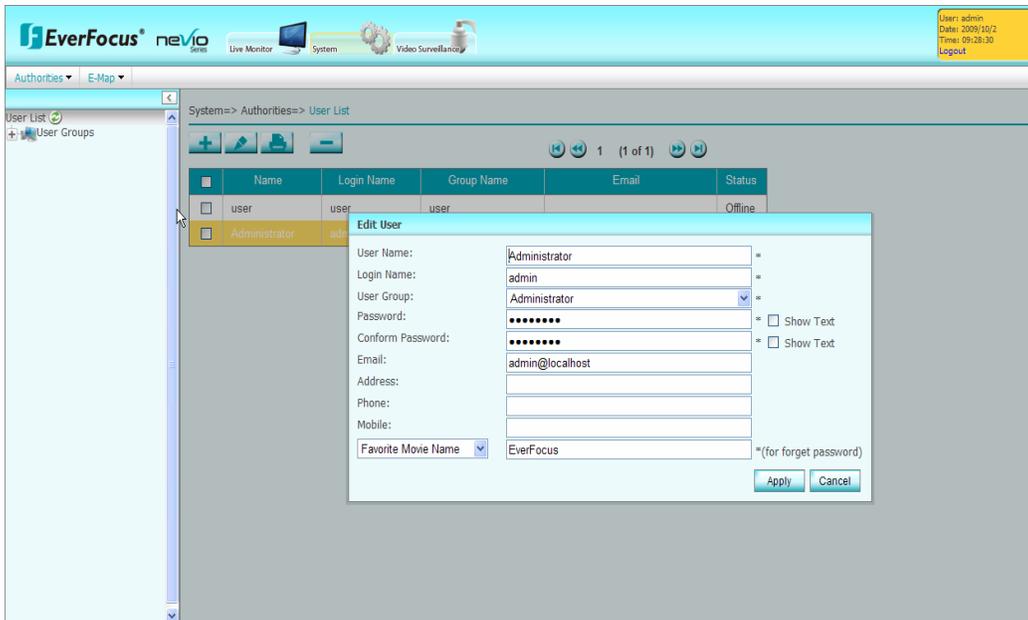
There are also checkboxes for 'Show Text' next to the password fields and a note for the Favorite Movie Name field: “*(for forget password)”. The dialog box has 'Apply' and 'Cancel' buttons at the bottom.

1. User name: Enter user name. It is case sensitive. (Required!)
2. Login name: Enter login name. This name must be unique; the same login name can only be used once. (Required!)
3. User group: Select the group to which user belongs to. (Required!)
4. Password: Users should enter their passwords exactly as they are specified on the server. (Required!)
Note: Tick the checkbox of “show text” will show the text of password inputted.
5. Confirm password: Enter the password again for confirmation. (Required!)
Note: Tick the checkbox of “show text” will show the text of password inputted.
6. E-mail: the E-mail address of the user.
7. Address: Enter user’s address.
8. Phone: Enter user’s phone number.
9. Mobile: Enter user’s mobile number.
10. Select a hint question and enter the answer.-System will check the answer first, if it is correct, the password will be reset to default value “11111111”.

Click  button to apply all the settings.

Click  button to cancel all the settings.

Click  button to edit user information and “Edit user” window pops up.



1. User name: Enter user name. It is case sensitive. (Required!)
2. Login name: Enter login name. This name must be unique. The same login name can only be used once. (Required!).
3. User group: Select the group to which user belongs to. (Required!)
4. Password: Users should enter their passwords exactly as they are specified on the server. (Required!)

Note: Tick the checkbox of “show text” will show the text of password inputted.
5. Confirm password: Enter the password again for confirmation. (Required!)

Note: Tick the checkbox of “show text” will show the text of password inputted.
6. E-mail: the E-mail address of the user.
7. Address: Enter user’s address.
8. Phone: Enter user’s phone number.
9. Mobile: Enter user’s mobile number.
10. Select a hint question and enter the answer.-System will check the answer first, if it is correct, the password will be reset to default value “1111111”.

Click  button to apply all the settings.

Click  button to cancel all the settings.

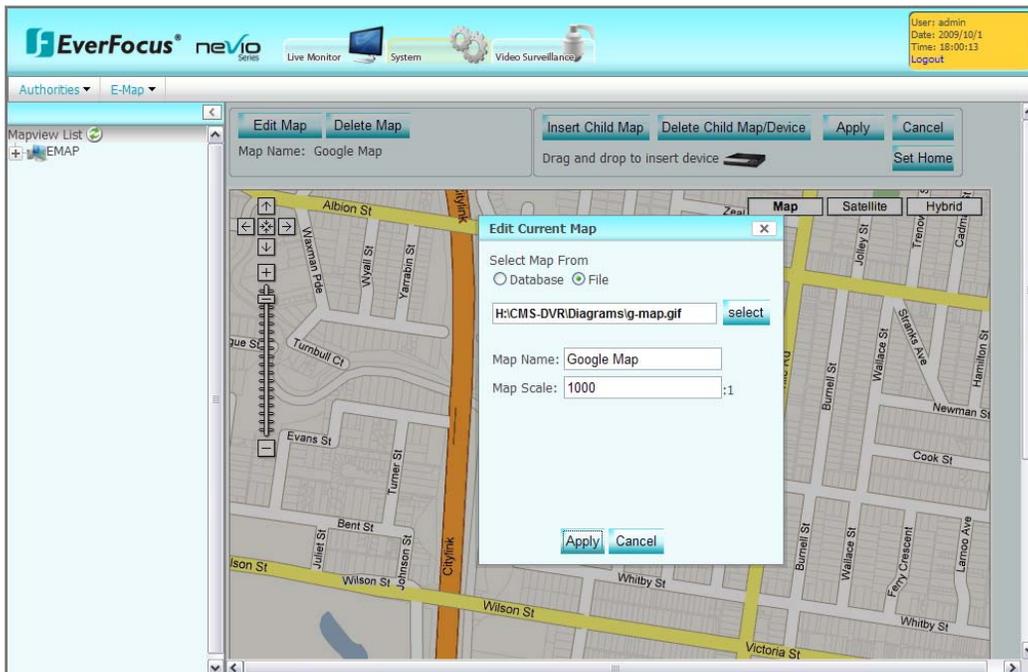
Click  button to print out the current page.

5.3.2 E-Map

E-Map=>E-Map Edit

In “E-Map Edit”, user will be able to edit the map, delete the map and set a child map.

: allows user to change the current map (google map or E-map).



Click  button to edit the current map. “Edit Current Map” window pops up.

Select Map from Database or File by clicking “Select” button to locate the file.

Assign a name to the map.

Change the map scale if necessary.

Click “Apply” button to apply the changes or “Cancel” button to cancel the changes.

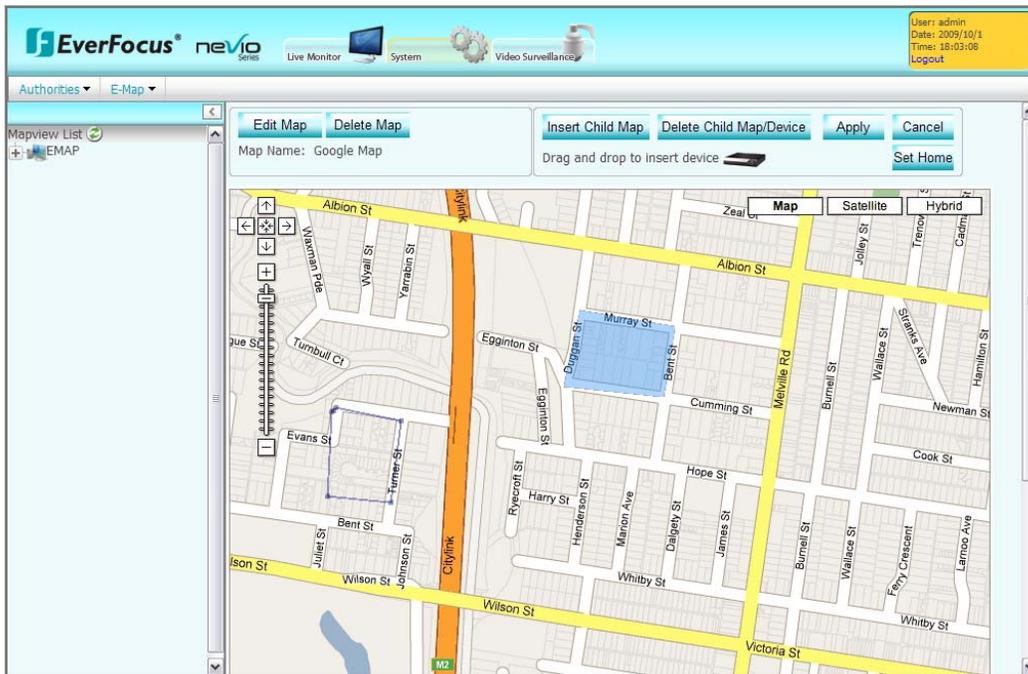
Click  button to apply changes.

Click  button to reset settings.

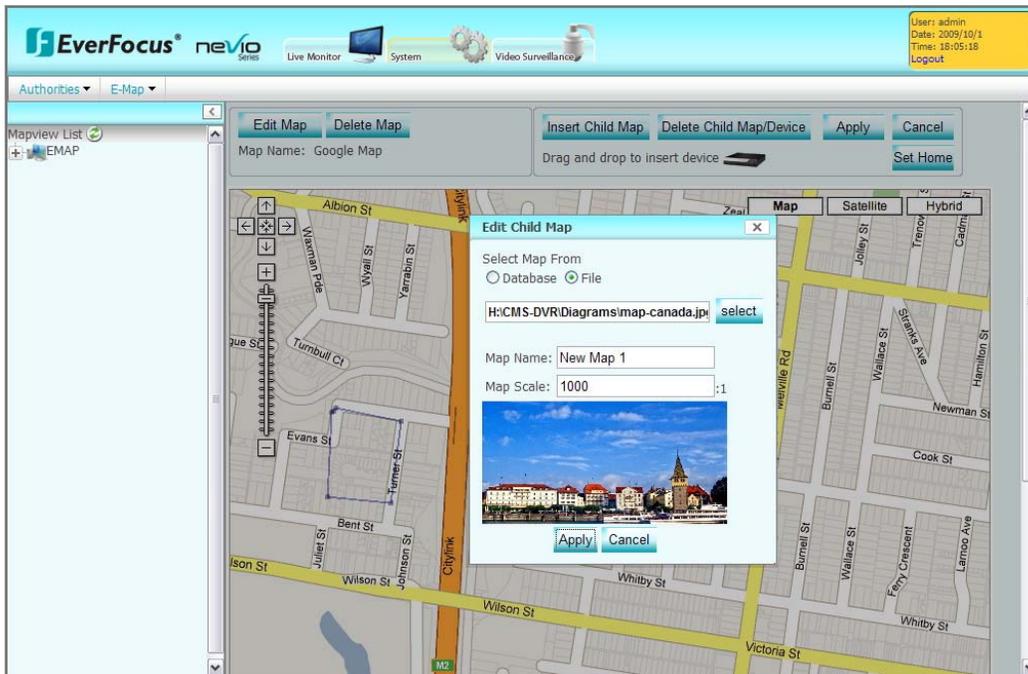
Delete Map : allows user to delete the current map.

Insert Child Map : allows user to insert a child map.

First, select the area to insert a child map by left clicking the mouse to draw lines. Every click is an end point of the line. When the area is formed, double click the mouse to have all the lines connected.



Once the area is formed, right-click the mouse to add the Child Map.



“Edit Child Map” window pops up.

Select Map from Database or File by clicking “Select” button to locate the file.

Assign a name to the map and change the map scale if necessary.

Map preview will be displayed at lower part of window.

Click “Apply” button to apply the changes or “Cancel” button to cancel the changes.

Delete Child Map/Device : allows user to delete a child map.

Drag and drop to insert device 

User can insert a device icon to the map, to make

the map clear for all users by dragging and dropping the device icon to the proper location of the map.



Select Device x

Device Name

Device IP

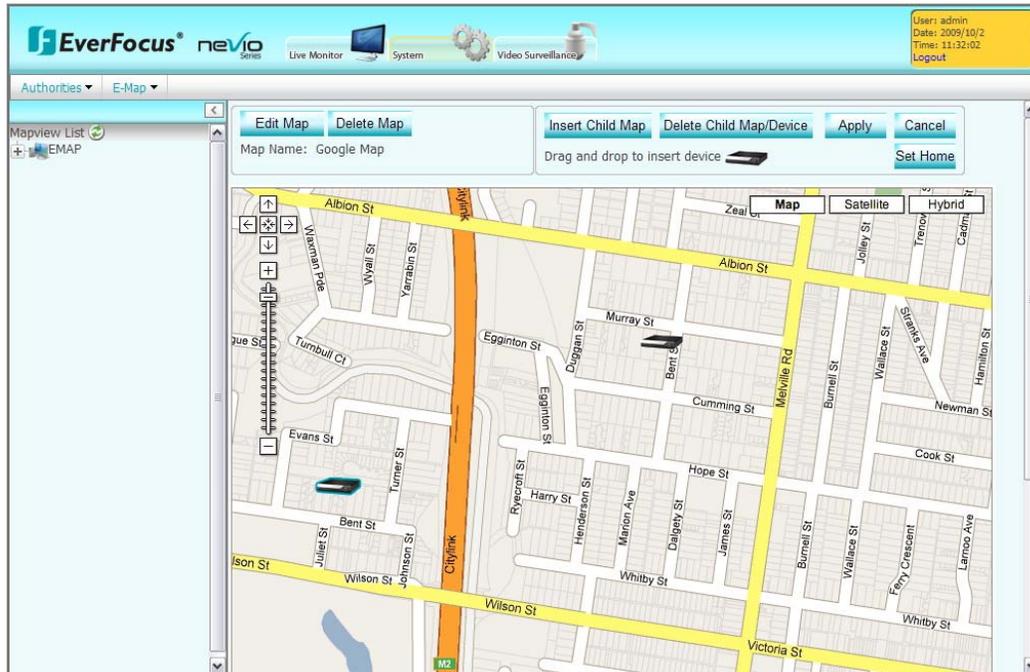
Model Name

<< first < prev 1 next > last >>

Device Name	IP	Model
EDR72	192.168.98.72	EDR/EDVR
ECOR185	192.168.98.185	ECOR
ELR147	192.168.98.147	ELR
264.124	192.168.98.124	PARAGON264

Right click on the device icon to select the DVR. A “Select Device” window pops up. Select one DVR from the device list by clicking on that DVR. The selected DVR will be highlighted and DVR information will be displayed at the upper part of the window.

There are totally 4 map levels. Only one device can be inserted in each map.



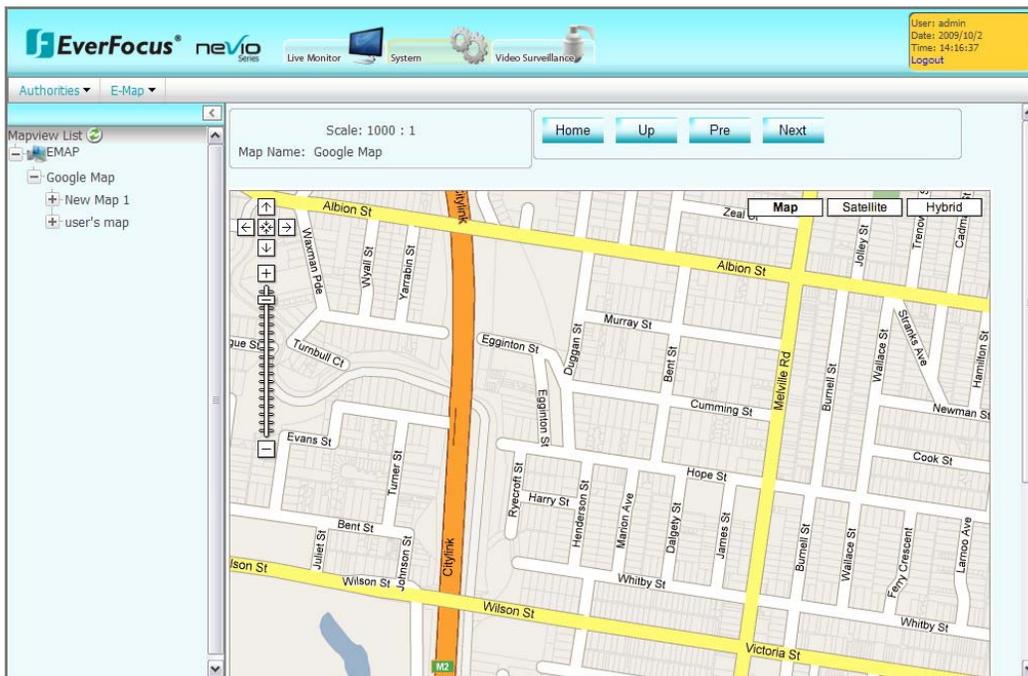
Apply : Apply all the settings.

Cancel : Cancel all the settings.

Set Home : Set the current map as home map. Next time when user enters the system, it will go to home map automatically.

E-Map=>E-Map View

In “E-Map View”, user will be able to view the map.



Click  button to go to Home map.

Click  button to go to e-map's upper level.

Click  button to go to previous step.

Click  button to go to next step.

5.4 Video Surveillance

5.4.1 DVR

CCTV=> DVR=> Device List

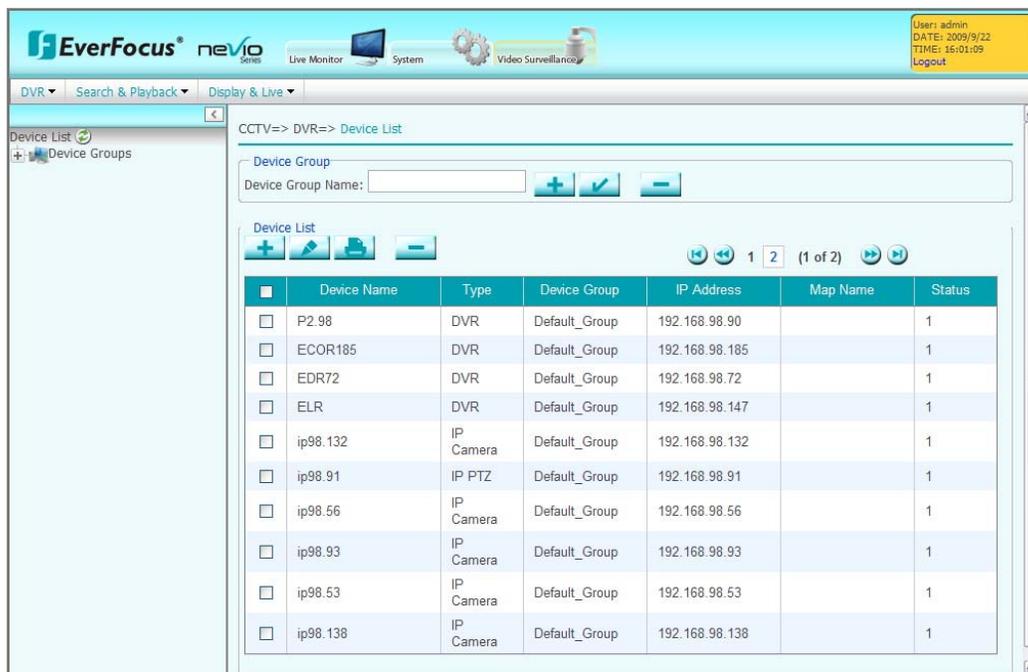
Device Group

To add a device group:

1. Click  button.
2. Key-in device group name.
3. To apply all settings in this page, click  button.

To delete a device group:

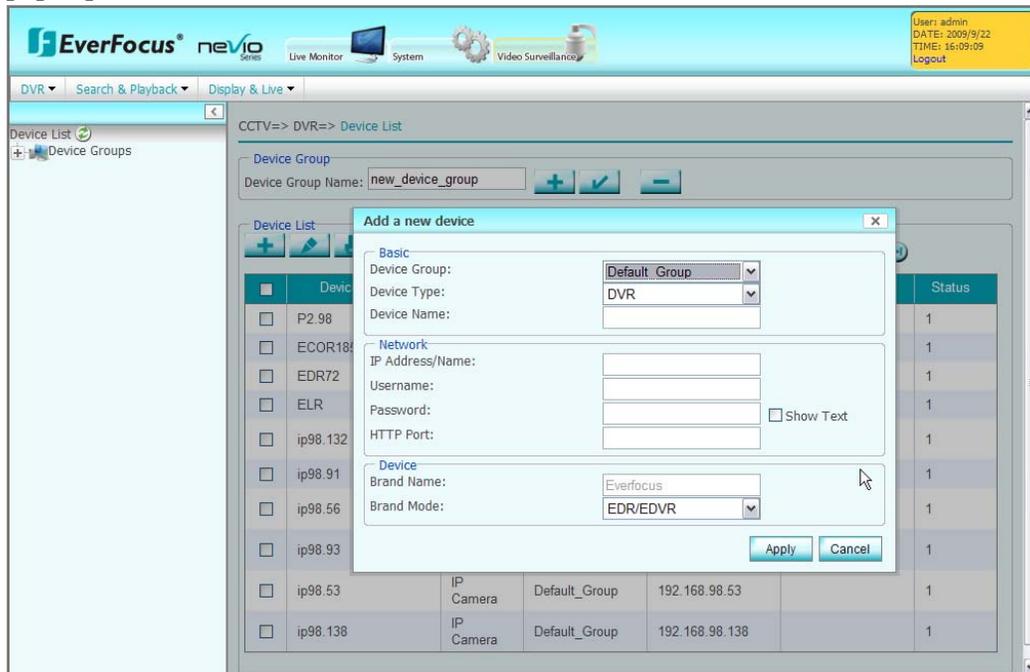
1. Select device group name.
2. Click  button.



	Device Name	Type	Device_Group	IP Address	Map Name	Status
<input type="checkbox"/>	P2.98	DVR	Default_Group	192.168.98.90		1
<input type="checkbox"/>	ECOR185	DVR	Default_Group	192.168.98.185		1
<input type="checkbox"/>	EDR72	DVR	Default_Group	192.168.98.72		1
<input type="checkbox"/>	ELR	DVR	Default_Group	192.168.98.147		1
<input type="checkbox"/>	ip98.132	IP Camera	Default_Group	192.168.98.132		1
<input type="checkbox"/>	ip98.91	IP PTZ	Default_Group	192.168.98.91		1
<input type="checkbox"/>	ip98.56	IP Camera	Default_Group	192.168.98.56		1
<input type="checkbox"/>	ip98.93	IP Camera	Default_Group	192.168.98.93		1
<input type="checkbox"/>	ip98.53	IP Camera	Default_Group	192.168.98.53		1
<input type="checkbox"/>	ip98.138	IP Camera	Default_Group	192.168.98.138		1

Device List

Click  to add a device to the device group and “Add a new device” window pops up.



Basic

1. Device Group: Select the device group.
2. Device Type: Select the device type.
3. Device Name: Enter the device name.

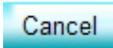
Network

1. IP address/name: Enter IP address or DNS name of the device.
2. User name: Enter User name of the device.
3. Password: Enter Password of the device. Tick the check box of “Show Text” to show the password inputted.
4. HTTP Port: Enter HTTP port of the device.

Device

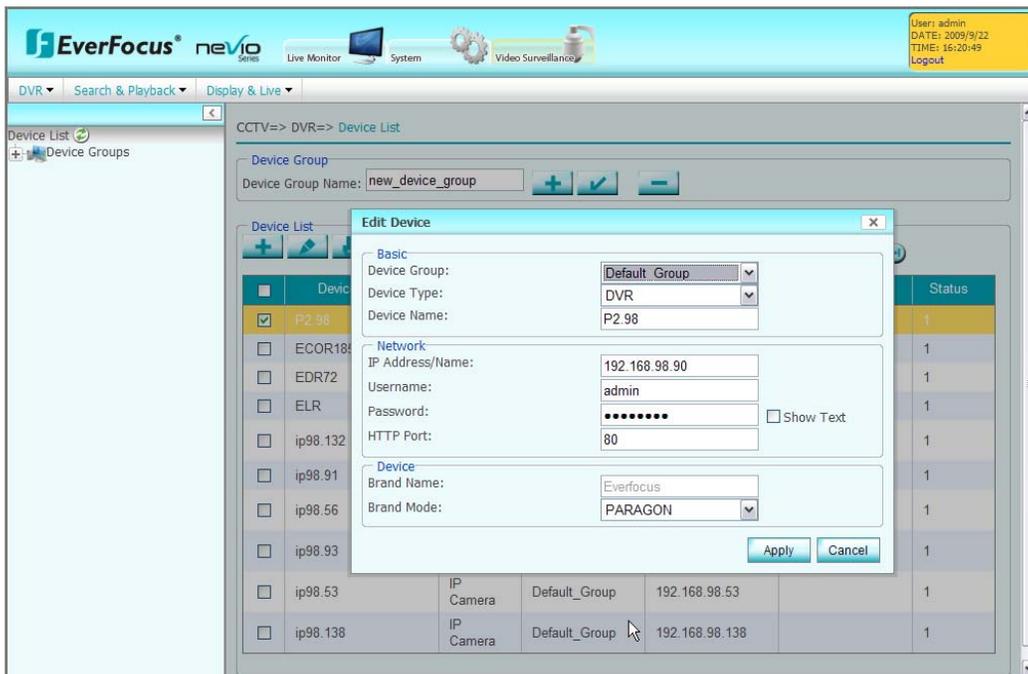
1. Brand Name: Shows the brand name of the device.
2. Brand Mode: Select device model.

Click  button to apply all the settings.

Click  button to cancel all the settings.

Click  button to edit device list and “Edit Device” window pops up.

Select a device to edit first.



Basic

4. Device Group: Select the device group.
5. Device Type: Select the device type.
6. Device Name: Enter the device name.

Network

5. IP address/name: Enter IP address or DNS name of the device.
6. User name: Enter User name of the device.
7. Password: Enter Password of the device. Tick the check box of “Show Text” to show the password inputted.
8. HTTP Port: Enter HTTP port of the device.

Device

3. Brand Name: Shows the brand name of the device.
4. Brand Mode: Select device model.

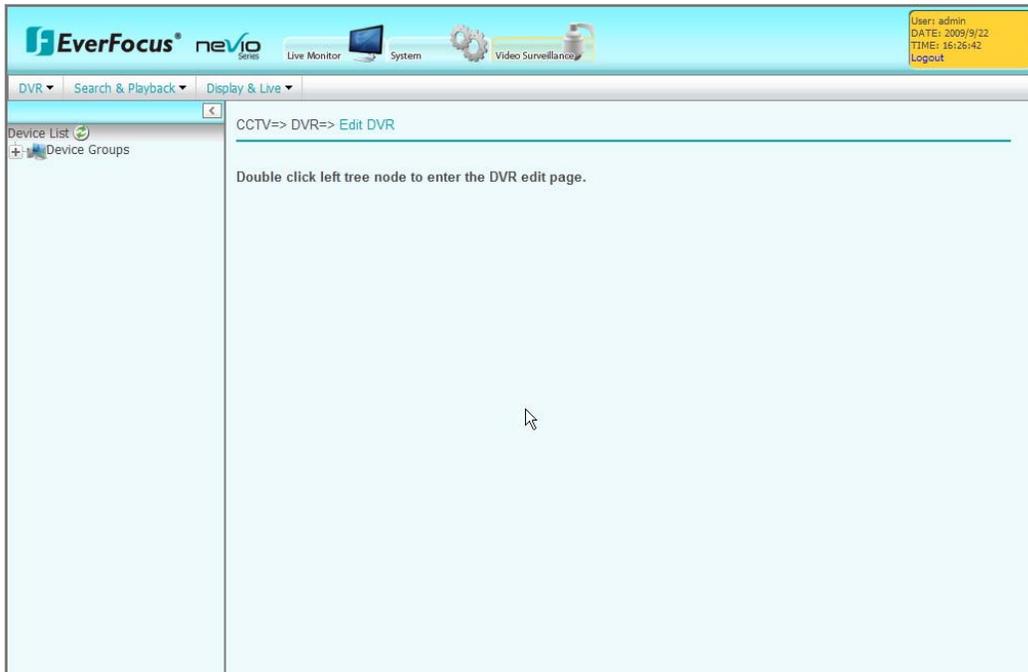
Click  button to apply all the settings.

Click  button to cancel all the settings.

Click  button to print out the current page.

Click  to delete a selected device from the device group.

CCTV=> DVR=> Edit Device



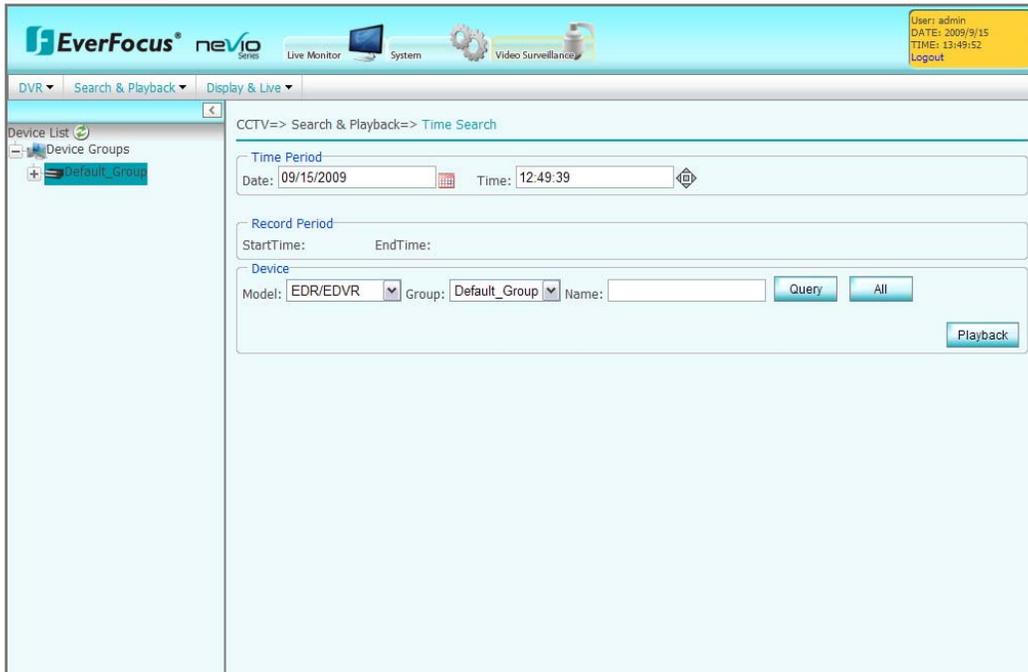
By clicking “Edit Device”, the system will lead you to the remote page of the selected DVR.

Double click left tree node to enter the DVR edit page.

5.4.2 Search & Playback

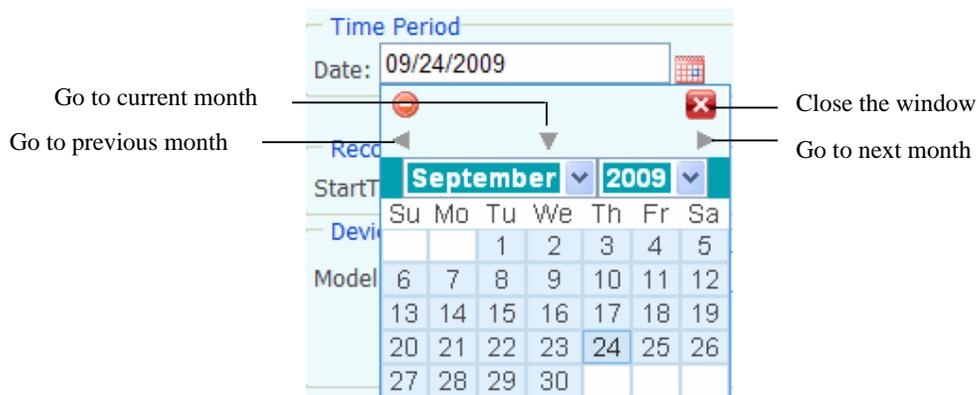
The Search & Playback configuration page contains the following tabs:

Time Search



Time Period:

Click  to select a date to be searched.



Use  button to select time to be searched.

Click Up/Down arrows to decrease/increase value. Click Left/Right arrows to switch between hour/minute/seconds. Click the square at middle to go to current time.

Record Period:

Start Time: Starting recording time will be shown.

End Time: Ending recording time will be shown.

When a selected DVR had been found after query, start/end recording period will be shown here.

Device:

Model: Select device model.

Group: Select device group.

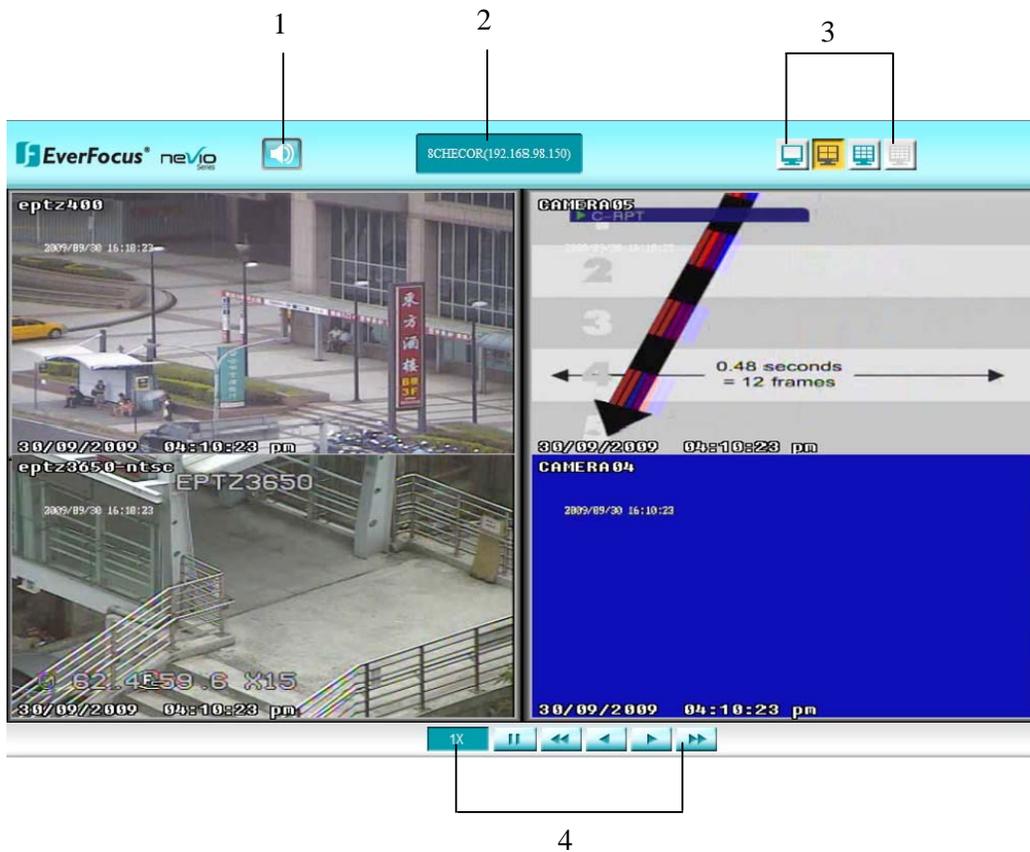
Name: Input name of device to be searched.

Click  button to start search the parameters set.

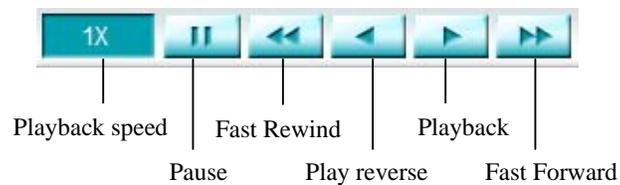
Click  button to start search all devices.

Click  button to start playback.

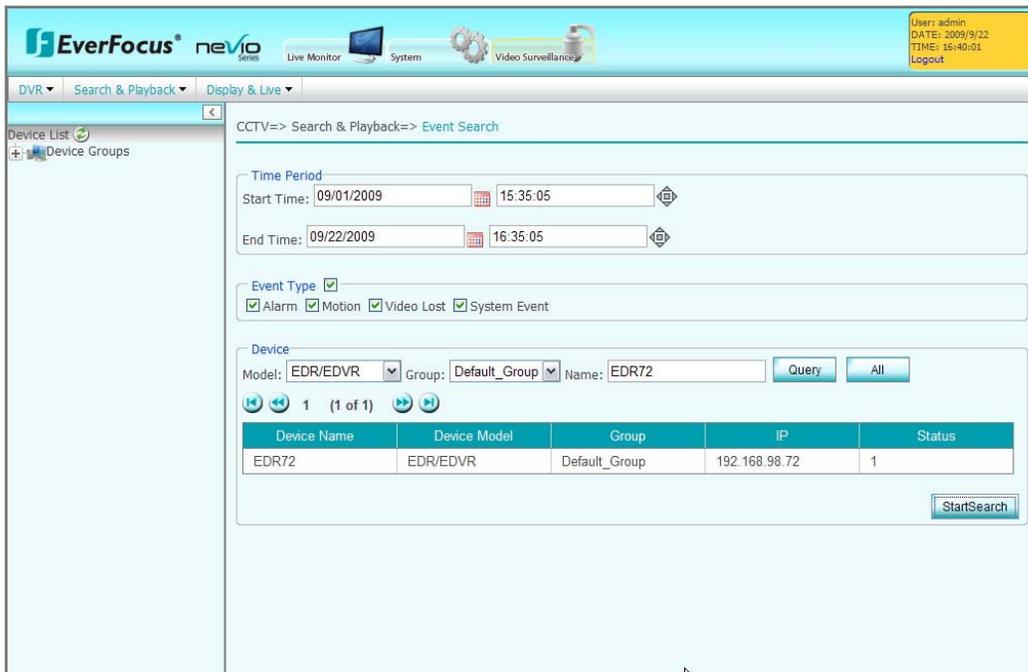
Note: *The system can only playback one DVR.*



1. Audio: Speaker out on / off.
2. Device information: displays DVR name and its IP address.
3. DVR Layout: Select DVR display layout from full screen, 4-displays, 9-displays and 16-displays.
4. Playback control keys:

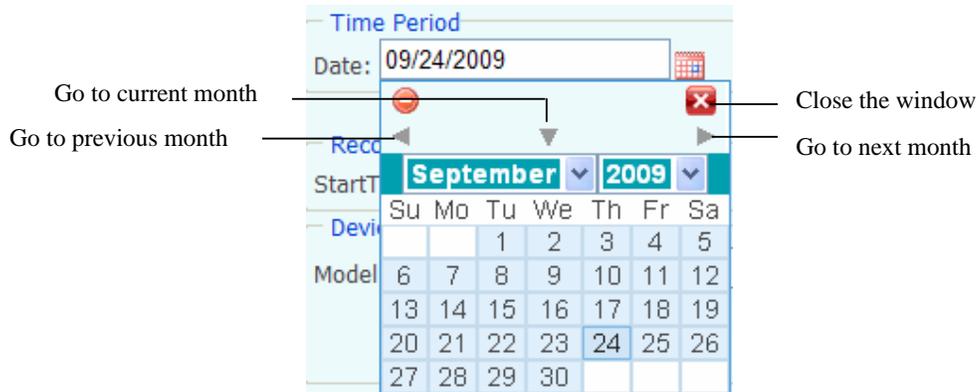


CCTV=> DVR=> Event Search



Time Period

Click  to select start/end date to be searched.



Use  button to select start/end time to be searched.

Click Up/Down arrows to decrease/increase value. Click Left/Right arrows to switch between hour/minute/seconds. Click the square at middle to go to current time.

Event Type

Select the event by ticking the check box of the event type.

Device

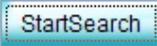
Model: Select device's model.

Group: Select device's group.

Name: Enter device's name.

Click  button to search the device.

Click  button to search all devices.

Click  button to start search the event.

CCTV=> DVR=> Archive

EverFocus® neVIO Series
Live Monitor System Video Surveillance

User: admin
DATE: 2009/9/15
TIME: 13:52:22
Logout

DVR Search & Playback Display & Live

Device List
Device Groups
Default_Group

CCTV=> Search & Playback=> Archive

Disk Recording Time
Start Time: End Time:

Time Period
Start Time: 09/15/2009 12:52:09
End Time: 09/15/2009 13:52:09

Camera
 ch1 ch2 ch3 ch4 ch5 ch6 ch7 ch8
 ch9 ch10 ch11 ch12 ch13 ch14 ch15 ch16

Device
Model: EDR/EDVR Group: Default_Group Name: Query All
StartArchive

Disk Recording Time

Start Time and End Time of the recorded data in disk. (Not selectable)

Time Period

Click  to select start/end date to be archived.

Time Period
Date: 09/24/2009

Go to current month
Go to previous month
Go to next month
Close the window

Su	Mo	Tu	We	Th	Fr	Sa
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

Use  button to select start/end time to be archived.

Click Up/Down arrows to decrease/increase value. Click Left/Right arrows to switch between hour/minute/seconds. Click the square at middle to go to current time.

Camera

Select the camera for the data to be archived.

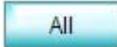
Device

Model: Select device's model.

Group: Select device's group.

Name: Enter device's name.

Click  button to search the device.

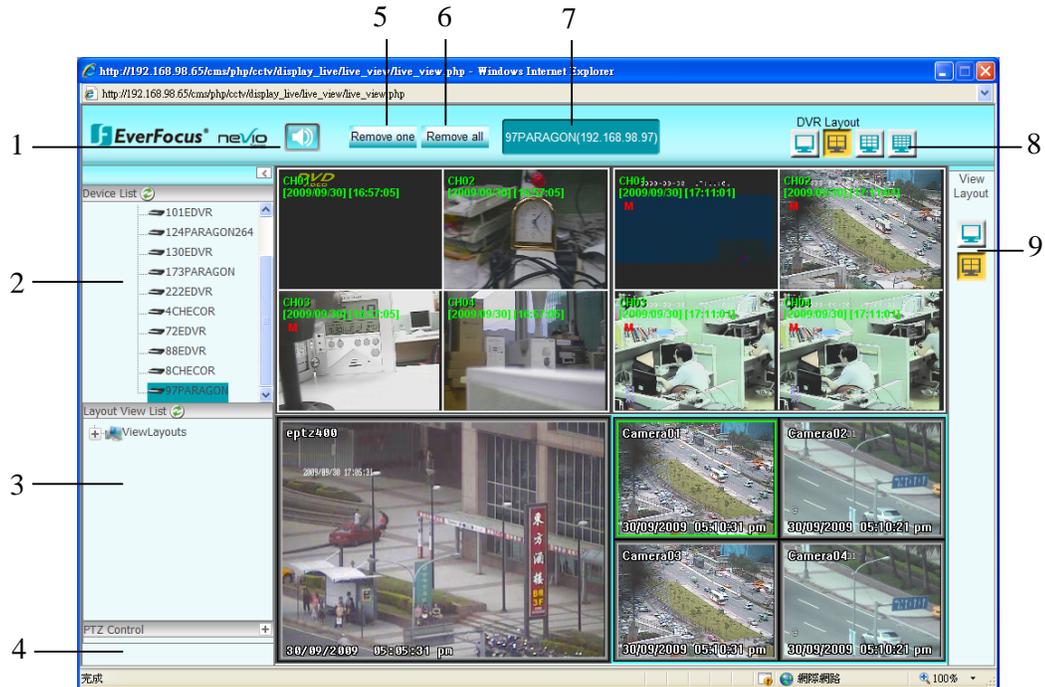
Click  button to search all events.

Click  button to start archiving.

5.3.3 Display & Live

CCTV=>Display & Live => Live View

Click “Live View” for Live View of the DVR.



1. Audio: Speaker out on / off

2. Device List: Select device group first, all the devices will be shown under device group.

3. Layout View List

4. PTZ Control: PTZ control panel: If a speed dome is installed and connected to the system, user can control it through this PTZ control panel. Click the “+” sign to unfold PTZ control panel.





Focus Far/Focus Near



Zoom Out/Zoom In



Iris Close/Iris Open



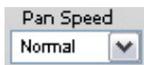
Pattern/Tour



Auto Pan



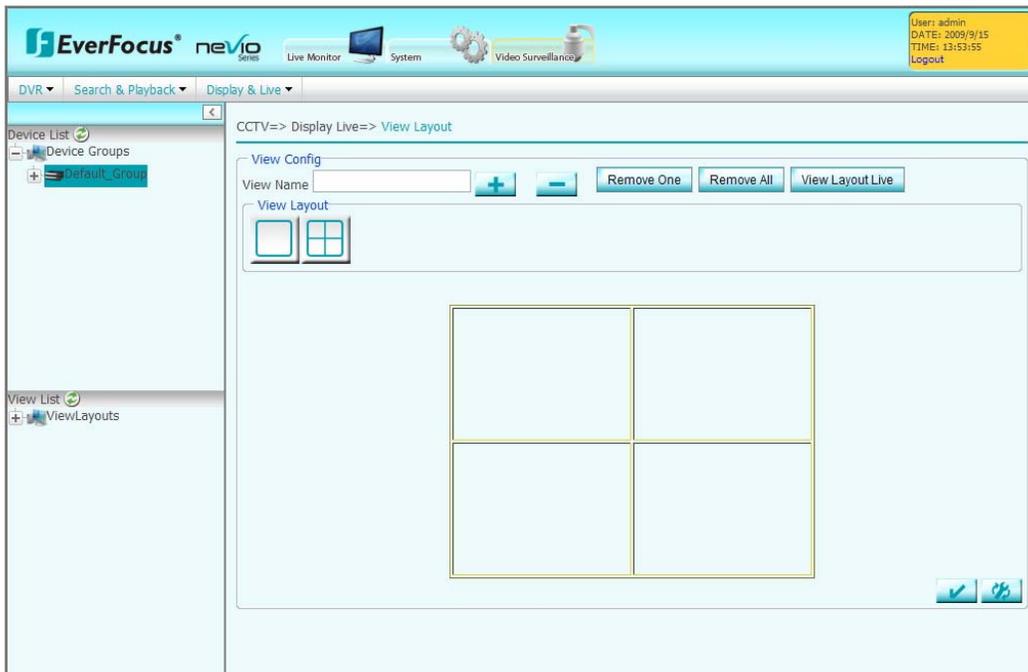
Set Preset



Pan Speed (Faster, Fast, Normal, Slow, Slower)

5. Remove One: Click to remove one DVR from the view layout.
6. Remove All: Click to remove all DVR from the view layout.
7. Device information: It displays DVR name and its IP address.
8. DVR Layout: Select each DVR display layout from 1-display, 4- displays, 9- displays and 16- displays.
9. View Layout: Select viewing layout, either 1-DVR view or 4-DVR view.

CCTV=>Display Live=>View Layouts



Click  button to remove one view.

Click  button to remove all views.

Click  button to view layout live image.

Select view layout by clicking  for full screen mode (1-DVR view) or

 for 4-displays view (4-DVR view).

To add a view layout:

1. Click  button.
2. Key-in view name.
3. Drag and drop the DVRs from left panel to view layout. Maximum 4 DVRs can be

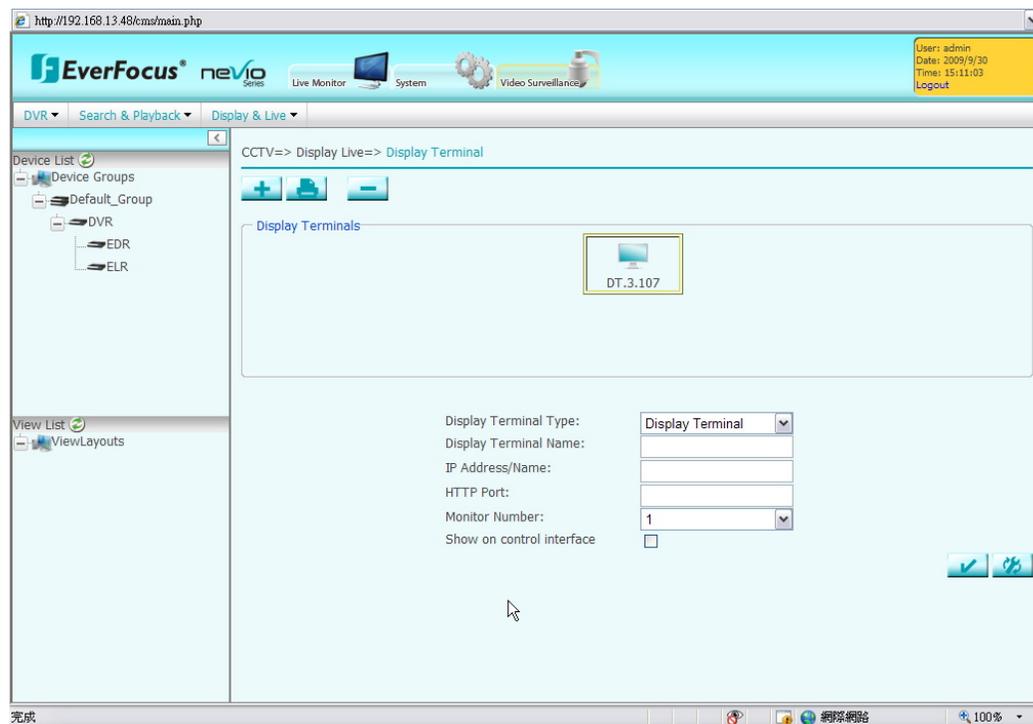
drop to the screen. To apply all settings in this page, click  button and this

view layout will be saved to view list.

To delete a view layout:

1. Select view name.
2. Click  button.

CCTV=> Display Live=> Display Terminal



Terminal information is displayed.

1. Display Terminal Type
2. Display Terminal Name
3. IP Address/Name: Enter IP Address or DNS name.
4. HTTP Port: Enter HTTP port.
5. Monitor Number: Select monitor number.
6. Show on control interface

Click  button to apply all the settings.

Click  button to reset settings.

6. SPECIFICATIONS

Support Device
Max. Client A
Max. Device A
Max. DVR per
Operation UI

Headquarter Of

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