



DCMS

User Manual

Version

V1.0

About This Document

About This User Manual

Please note the following points before using this user manual:

- This user manual is intended for persons who operate and use the DCMS Client.
- This user manual details how to operate the DCMS Client.
- Read this user manual carefully before using the DCMS Client and follow the methods and procedures described in this manual when installing and using the DCMS Client.




Intended Audience



This document is intended for:

- Technical support engineers
- Maintenance engineers
- Persons who operate the DCMS Client

Symbol Conventions

The symbols that may be found in this document are defined as follows.

Symbol	Description
 DANGER	Indicates an imminently hazardous situation which, if not avoided, will result in death or serious injury.
 WARNING	Indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.
 CAUTION	Indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury.

Symbol	Description
 NOTICE	<p>Indicates a potentially hazardous situation which, if not avoided, could result in equipment damage, data loss, performance deterioration, or unanticipated results.</p> <p>NOTICE is used to address practices not related to personal injury.</p>
 NOTE	<p>Calls attention to important information, best practices and tips.</p> <p>NOTE is used to address information not related to personal injury, equipment damage, and environment deterioration.</p>

Important Statements

This manual may contain operation description that is slightly inconsistent with the actual operation. The manufacturer will update this manual according to software function enhancement or changes and regularly update the manual. Update information will be added to new versions of this manual without prior notice. Unless otherwise agreed, this manual is used only as a guide, all the statements, information and advice in this manual, do not constitute any express or implied guarantees.

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1 Installation and Uninstallation

1.1 System Introduction

The DCMS Client provides a surveillance solution for managing multiple NVRs (DVRs) and cameras. It is used for NVR((DVR) and camera management, real-time surveillance, PTZ control, setting of front-end parameters of cameras, video search, video playback, video downloading, alarm search, E-map, etc. Featuring easy installation and convenient operation, the system supports almost all the basic functions needed for security.

1.2 Function Introduction

- Supports up to 64 channels NVR/DVR/IPC
- Up to 64 channels remote live view
- Up to 16 channels remote playback
- Multi-screen display
- Supports auto backup
- E-map
- Unique GUI recording schedule
- Digital PTZ and multi-view
- Smart detection of events
- Remote playback, remote backup, remote I/O control
- Supports 21 languages

1.3 Operating Environment

- Operating system: 32 bits: MS Windows XP pro SP3 / Vista SP1 / Win 7 SP1 / Win 10,64 bits: Win 7 SP1 / Win Server 2008 R2
- CPU: Intel Core 2 Duo E5300 or above
- RAM: 2 GB or above
- HDD: 250 GB or above
- Motherboard: Intel P55, H55, X58, P45, P43 chip, MB vendor ASUS Gigabyte or MSI with Intel Chipset recommended.

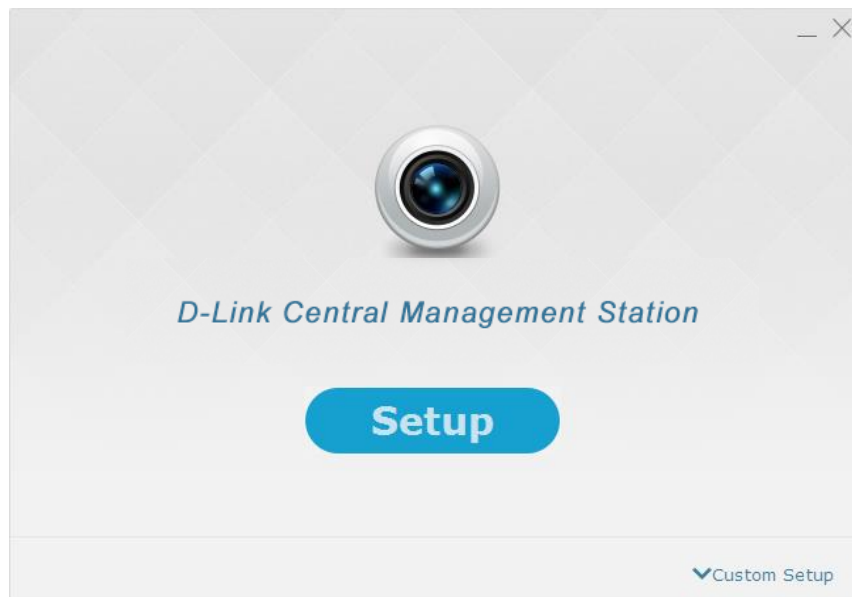
- Display: ATI Radeon 4650 or above (ATI Driver V11-2 recommended.)

1.4 Installation

Procedure

- Step 1** Double-click **DCMS_Setup.exe** to run the installation program. The **DCMS Setup** page appears, as shown in Figure 1-1.

Figure 1-1 DCMS Setup page




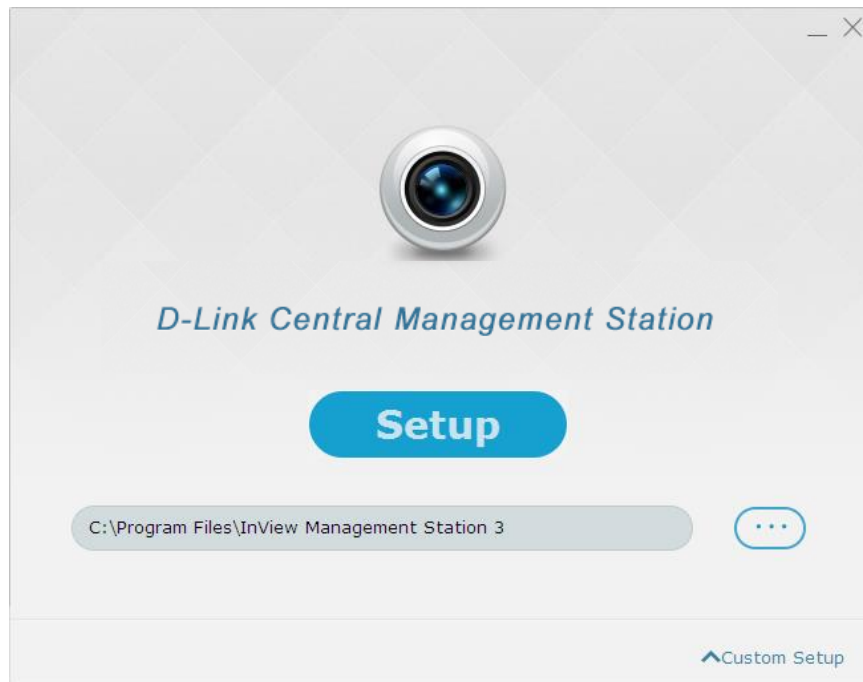
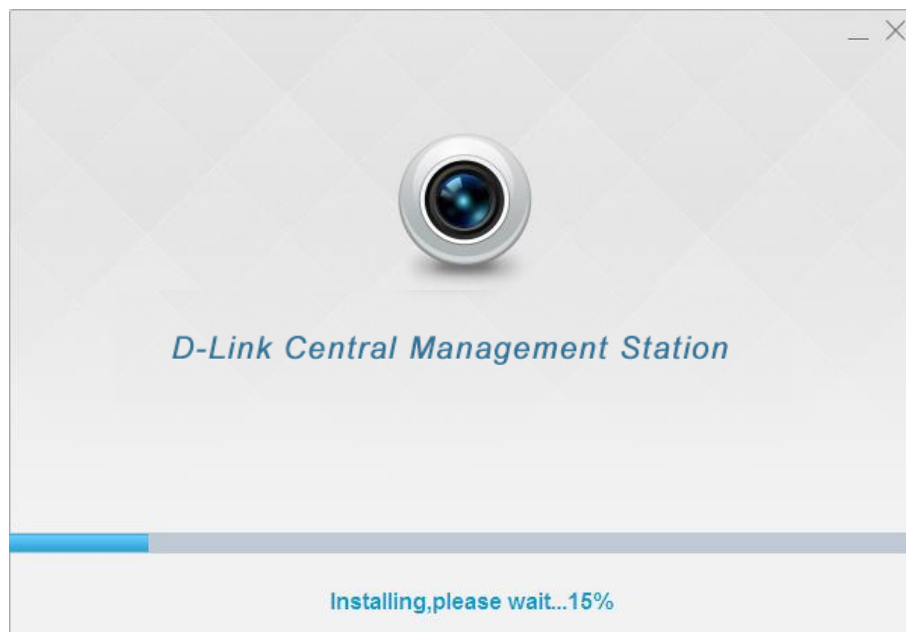
- Step 2** Click **Custom Setup**. The **Choose Destination Location** page appears, as shown in Figure 1-2. The default installation path is **C:\Program Files\D-Link Central Management System**. To change the path, click  and then select a new path.

Figure 1-2 Choose destination location page

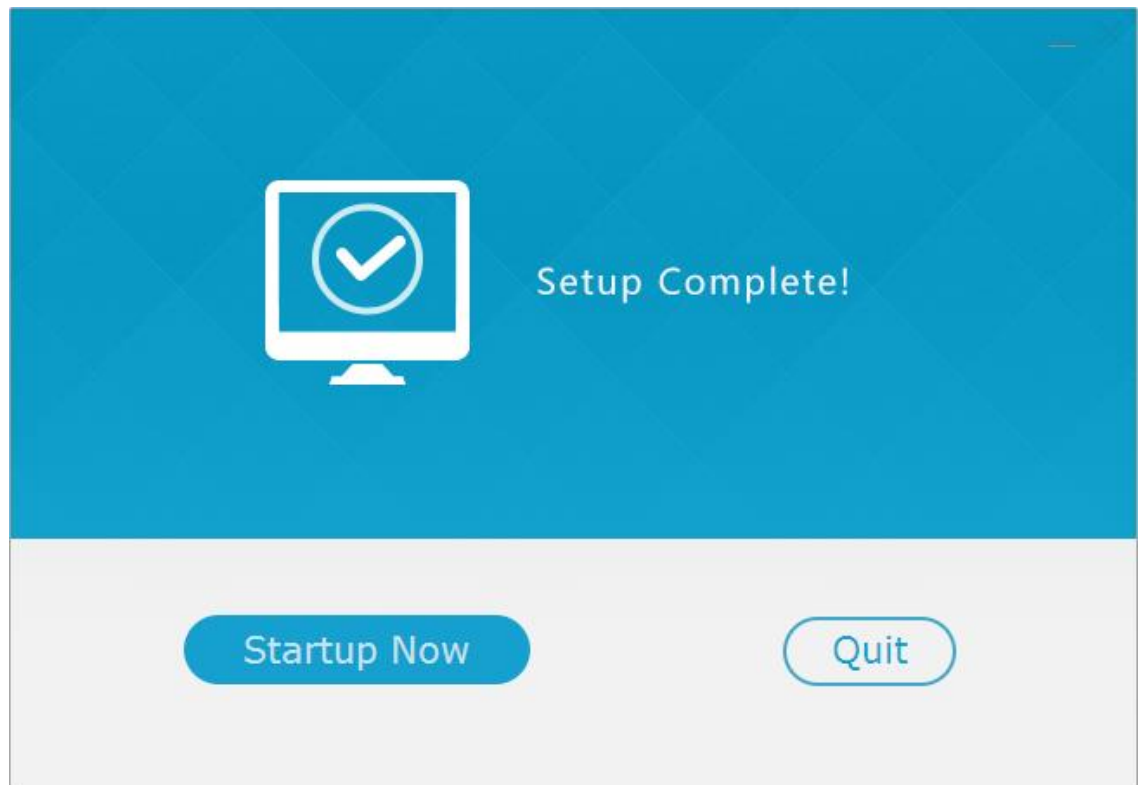


Step 3 After setting the path, click **Setup**. The **Setup Status** page appears, as shown in Figure 1-3.

Figure 1-3 Setup status page



Step 4 After installation is completed, the **Setup Complete** page appears, as shown in Figure 1-4.

Figure 1-4 Setup Complete page

Step 5 Click **Startup Now** to run the DCMS Client, or click **Quit** to complete the installation of the DCMS Client.

1.5 Uninstallation

You can uninstall the DCMS Client from the **Start** menu or the **Control Panel**.

----End

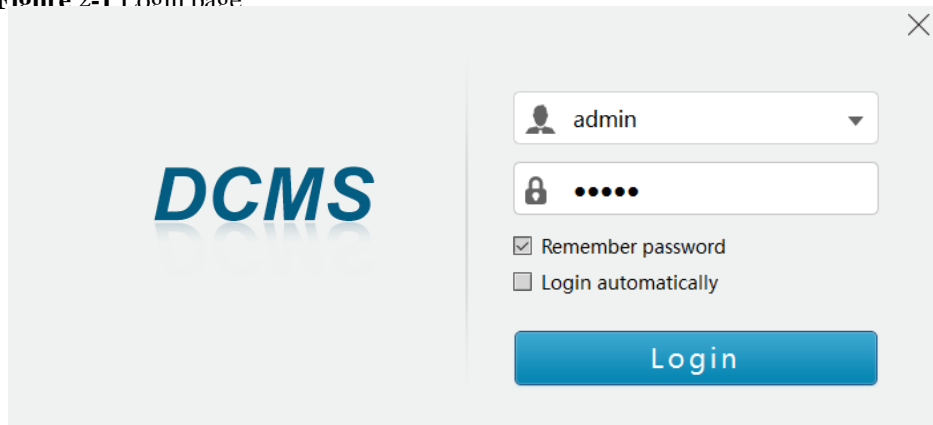
2 Live Video

2.1 System Login

Procedure

- Step 1** Double-click the DCMS icon on the desktop. The login page appears, as shown in Figure 2-1.

Figure 2-1 Login page



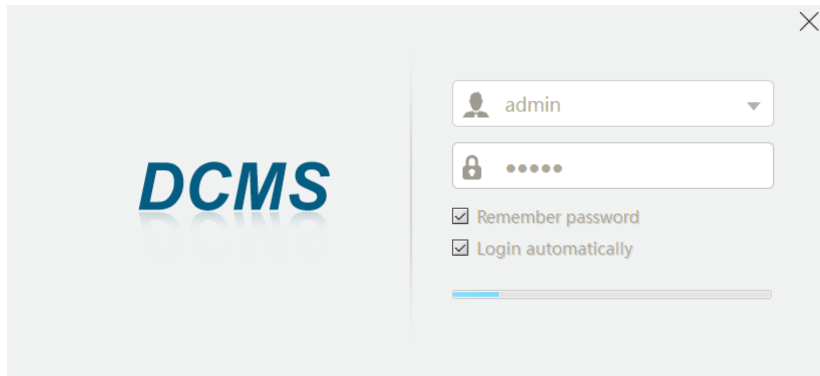
- Step 2** Enter the user name and password on the login page.



NOTE If errors occur for three times when you enter the user name and password, your account is locked. Accounts of administrators group are never locked.

- Step 3** Click **Login**. The loading page appears, as shown in Figure 2-2.

Figure 2-2 Loading page

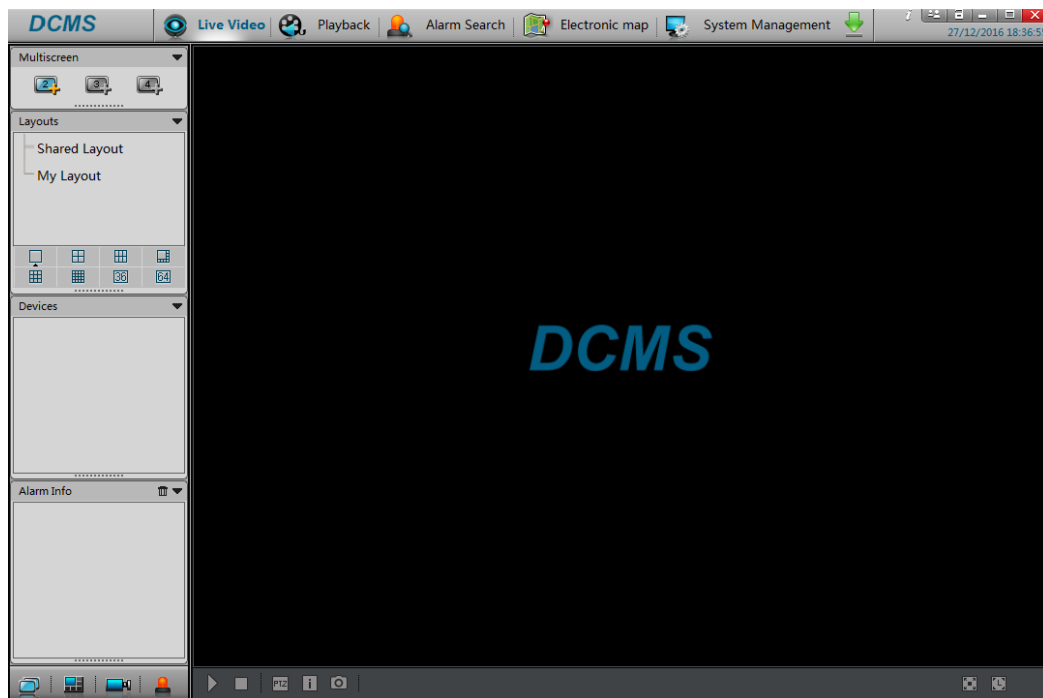


Step 4 After loading, the main page, i.e. the DCMS Client system appears.

----End

2.2 Live Video

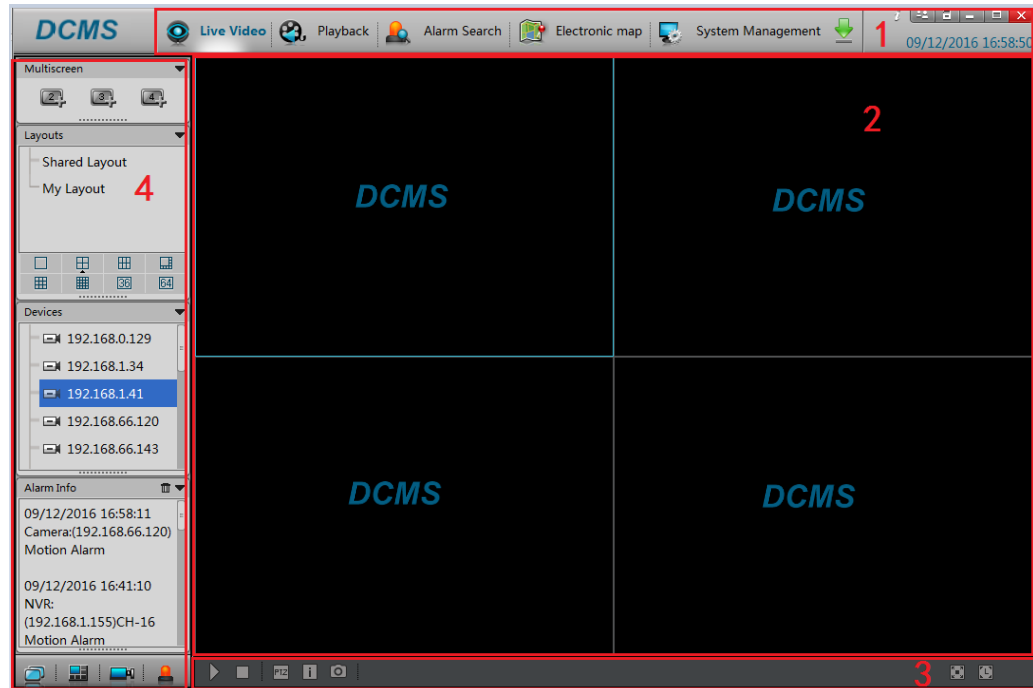
After you log in to the DCMS Client successfully, the main page appears, as shown in Figure 2-3.



After installation is completed, you need to add devices for the first time of login. For how to add a device, see section 6.1 Device.

After adding the device, click Live Video to return to the Live Video page on the main page. Drag the device to the play area on the right to play the video. See Figure 2-4.

Figure 2-4 Live Video page



On the **Live Video** page, you can drag a camera managed on the left to the real-time channel and perform the following operations:

- Live video playing
- Alarm viewing
- Video status viewing
- PTZ control
- Manual/Auto full-screen
- Video information hiding/displaying
- Configuring front-end parameters of cameras

The main page of the DCMS Client consists of the menu bar, live video page, live video control buttons, and the workbench.

2.2.1 Zone 1 Menu Bar

The menu bar includes **Live Video**, **Playback**, **Alarm Search**, **Electronic map** and **System Management**. Click any of the buttons to switch to the corresponding page.




:By clicking it, you can view the version information of the system.





:By clicking it, you can logout the present page and enter the login page again.



:By clicking it, you can lock the system screen. You can enter the correct password to unlock the screen.

:By clicking it, you can minimize the window of a program to the tool bar.

:By clicking it, you can exit from the system.









:By clicking it, you can enter the video downloading task configuration page.

2.2.2 Zone 2 Live Video

The **Live Video** page displays the live video being played, device information, and video settings.

Table 2-1 lists the detailed descriptions of the live video page.


Table 2-1 Device parameters


No.	Symbol	Description
1		Displays whether the current webcam supports 3D positioning. By clicking it, you can enable or disable the 3D positioning function.
2		Displays the unhandled alarms of the current webcam. After you click this button, an alarm prompt is displayed.
3		Displays the video information of the webcam on the current window. When the webcam starts recording, the icon is changed from  to  .
4		By clicking it, you can enable audio on the window. When the window already starts image connection, you can click this button. Then the icon is changed to  . This button enables you to control live audio and recording audio.
5		By clicking it, you can close the playing window.




2.2.3 Zone 3 Live Video Control Buttons


You can use the live video control buttons to control the live video page. Details of these buttons are described as follows:


Video Playing Control Buttons

: By clicking it, you can play the live videos of all webcams on the **Live Video** page. This button is enabled only for layout playing.


: By clicking it, you can suspend all the live videos being played on the live video page.

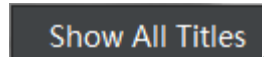
: By clicking it, you can suspend or recover camera sequencing. By clicking it, you can suspend the camera sequencing layout of the live videos being played and the icon is changed to . By clicking it again, you can recover the camera sequencing layout and the icon is changed to . This button is enabled only for camera sequencing layouts.

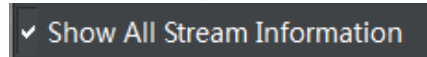
: By clicking it, you can play the previous screen of the active camera sequencing layout. This button is enabled only for layout playing.

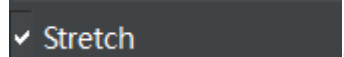
: By clicking it, you can play the next screen of the active camera sequencing layout. This button is enabled only for layout playing.


Interface Display Control Buttons


: When you click it, the system displays or hides information. Select an option to adjust the display status of the **Live Video** page based on requirements.

: When you select it, the system displays the titles of all playing windows. When you clear it, the titles of all playing windows are hidden.


: When you select it, the system displays the information of the code streams used by the cameras in all playing windows. When you clear it, the code stream information is hidden.

: When you select it, the video images in all playing windows fill the playing window. When you clear it, the video image is displayed at the default percentage.

: When the video is played not in full screen, click it to enter full screen manually. When the video is played in full screen, click it to exit from full screen.

: Click it and select from the displayed menu whether to enable automatic full screen and the delay time to enable full screen. When this function is enabled, the full screen is displayed if no operation is performed during the delay.

PTZ Operation

: The PTZ control menu is displayed when you click this button.


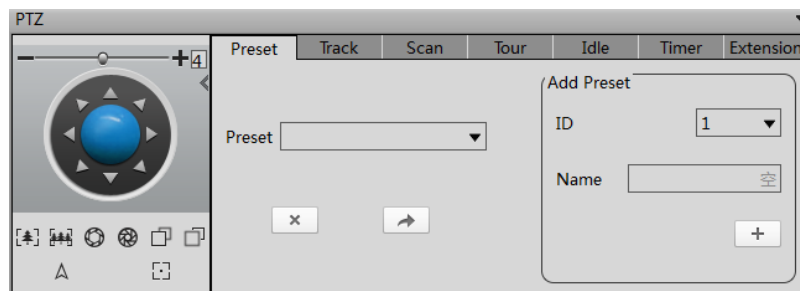
Click  and the PTZ operation menu is displayed, as shown in Figure 2-5. You can configure the following parameters: PTZ direction, zoom, preset, track, scan, tour, idle, timer and extension.

Figure 2-5 PTZ Control page



To exit from the PTZ control menu, click  on the upper right corner of the PTZ control page.

**NOTE**

The PTZ control menu is enabled only for high-speed domes and external PTZ cameras.

Others



: When the layout of the live videos being played is modified (for example, more videos are added, a video is deleted, or a video is changed), you can click this button to save the modifications. If the live videos are played not based on a defined layout, you can click this button and a prompt is displayed, asking you to create a layout through shortcuts.

**NOTE**

This button is disabled for camera sequencing layout.







: Snapshot button. Select a live video, click this button to take a photo of the live video. You can choose single snapshot, sequence snapshot, snapshot directory and snapshot setting.

**NOTE**

- On snapshot configure page, you can enable preview function which only be supported by single snapshot.
- The sequence snapshot time is range from 5 seconds to 3600 seconds.
- The sequence snapshot period is range from 2 seconds to 3600 seconds.

2.2.4 Zone 4 Workbench

Click , , , and  to hide or display the **Multiple Screens**, **Layouts**, **Devices**, and **Alarm Info** panes respectively on the left of the **Live Video** page.

Multiple Screens

The multiple screens displayed in the **Multiple Screens** pane on the **Live Video** page is the same as this in **Multiple Screens Layout** that you have configured by choosing **System Management > Live Video Layout**. For how to configure multiple screens layout, see section 6.4.2 Multi Screen Layout.


Layouts

The layouts displayed in the **Layout** pane on the **Live Video** page are the same as those in **Shared Layout** and **My Layout** that you have configured by choosing **System Management > Live Video Layout**. For how to configure live video layouts, see section 6.3 6.4.1 Live Video Layout.

Devices

It displays the NVRs (DVRs) or cameras managed by the system and the webcams. When you have selected a camera, you can click and drag it to a playing window to view the video in real time.

Alarm Info

It displays the alarm information of the webcams under the NVRs or cameras managed by the system. By clicking , you can clear the alarm information.

----End

3 Playback


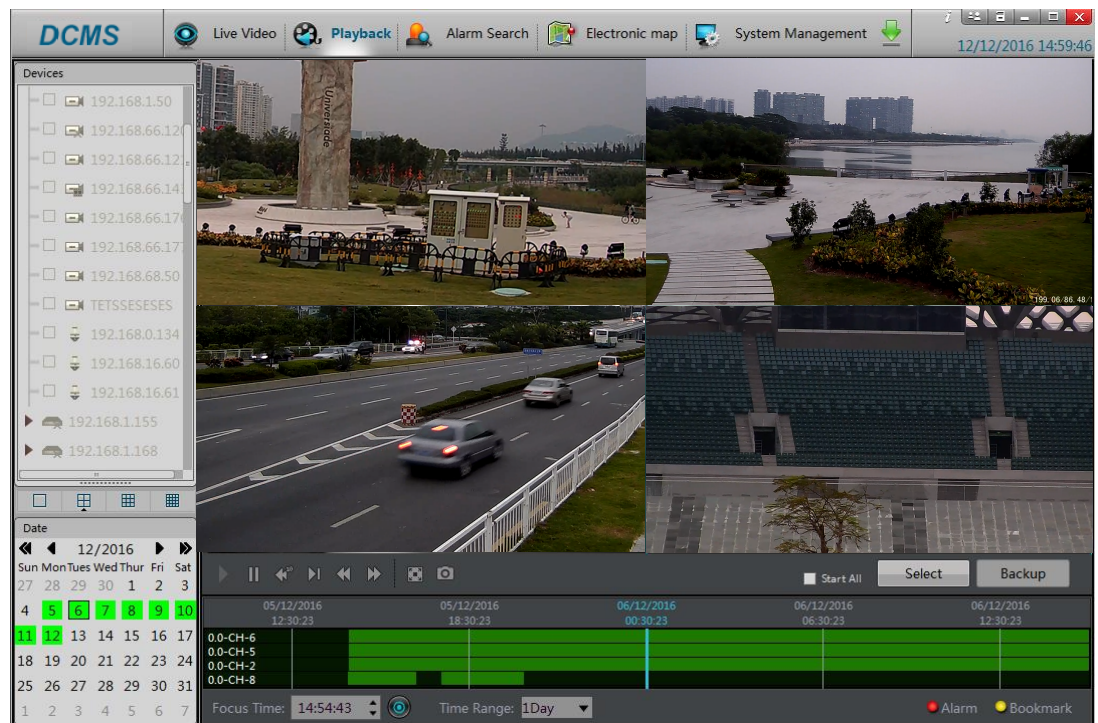
Click  to enter the **Playback** page, as shown in Figure 3-1. On the **Playback** page, you can search for or play a video.

Figure 3-1 Playback page







3.1 Viewing a Video

Select a device from the device list. The dates when the device has videos are displayed in green in the calendar. You can select the date of the video that you want to view from the calendar. Click ◀ or ▶ to change months and ◀◀ or ▶▶ to change years. Dates in green

indicate that there are videos on the day. Dates in other colors indicate that there is no video on the day. The date in a black frame is the selected day, for example: **6**. The date without a black frame indicates that there are videos on that day but the day is not selected, for example: **12**.

If you select a date when the device has videos, the device that has videos on the day is in the status of being green.

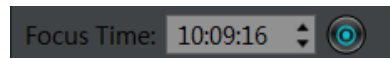
 **NOTE**


  indicates that the device is selected.   indicates that the device is not selected. The selected device will play the video of the specified date.


- Only videos in front-end device can playback.

3.2 Displaying a Video


After you select a device and date, video information is displayed below the video pane. The time scale above the file axis shows the different time points of a video. The time in blue in the middle is the time from when the video is played. The file axis displays videos. Alarm videos are in red and bookmarked videos are in yellow.

: Enter the time of the video to be located in the **Focus**

Time text box and click . Then the video is played from the specified time.

: It provides the time options of 15 minutes, 30 minutes, 1 hour, 4 hours, 8 hours, 12 hours, and 1 day.

If 1 hour is selected, the time space from the first blue mark to the last blue mark is 1 hour.


 **NOTE** Value of **Time Interval** indicates the length of time from the first blue mark to the last blue mark.


3.3 Playing a Video

After selecting a device and date, you can click  on the video playback control bar to play the video, as shown in Figure 3-2.

Figure 3-2 Video playback control bar



: By clicking it, you can play all the videos on the video playback windows.

: By clicking it, you can suspend all the videos on the video playback windows.



: By clicking it, you can rewind all the videos on the video playback windows for 10 seconds.



: By clicking it, you can play all the videos on the video playback by frame. A frame is played each time you click this button.



: By clicking it, all the videos on the video playback window are fast rewound.




: By clicking it, all the videos on the video playback window are fast forwarded.



: By clicking it, you can play all the videos on the video playback window in full screen.



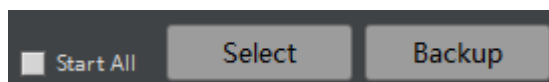
NOTE

When a video is being played, you can drag the video information bar in the video pane horizontally to control video playing. To switch to the full screen, click .

3.4 Backup a video

Step 1 Select a device, the backup control bar, as shown in Figure 3-3.

Figure 3-3 Video backup control bar




Step 2 Click **Select**, click and hold the left mouse button, and drag the cursor horizontally to select the video file segment to be backed up (the selected video segment is highlighted in blue in the display area).

Step 3 Click **Backup** and select a path to save the record (or click **Cancel** to unselect the selected video segment).



NOTE

Click  on the menu bar, you can set the download path or view the download details.

----End

4 Alarm Search

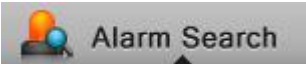
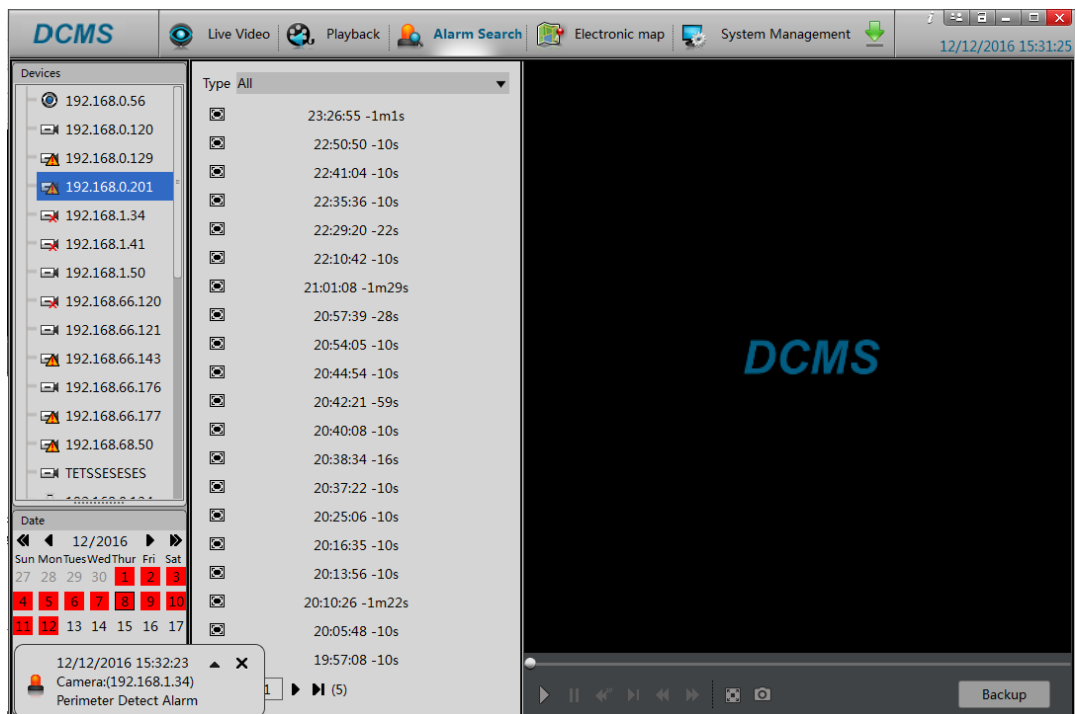
Click  to enter the alarm search page, as shown in Figure 4-1. On the alarm search page, you can search for an alarm or play the video in which an alarm occurs.

Figure 4-1 Alarm Search page



4.1 Viewing Alarm Information



Select an NVR from the device list. The dates when the NVR has alarm information are displayed in red in the calendar.

You can select the date of the alarm information that you want to view from the calendar. Click ◀ or ▶ to change months and ◀◀ or ▶▶ to change years. Dates in red indicate that there are alarm information on the day. Dates in other colors indicate that there are no alarm

information on the day. The date in a black frame is the selected day, for example: **27**. The date without a black frame indicates that there are alarm information on that day but the day is not selected, for example: **27**.



If you select a date when the NVR has alarm information, the IP camera (which is managed by the NVR) that has videos on the day is in the status of having alarm videos.

 **NOTE**

 indicates that the device has alarm information.  indicates that the device has no alarm information. The device that has alarm videos will play the videos of the specified date.

4.2 Selecting a Device with Alarms

On the left of the page, select the camera whose alarm information you want to view.

 indicates that the device has alarms on the selected date.  indicates that the device has no alarm on the selected date.

4.3 Selecting an Alarm Type

Click  All ▼. Select an alarm type from the dropdown list.

4.4 Viewing Alarm Details

After you select a device and date, alarm details are displayed in the **Type** pane. The alarm details include alarm type, alarm start time, duration, and whether the alarm is recorded.

4.5 Playing an Alarm Video

Select a record where a video is available from the alarm details to play the video recorded when the alarm occurs.

----End

5 Electronic map


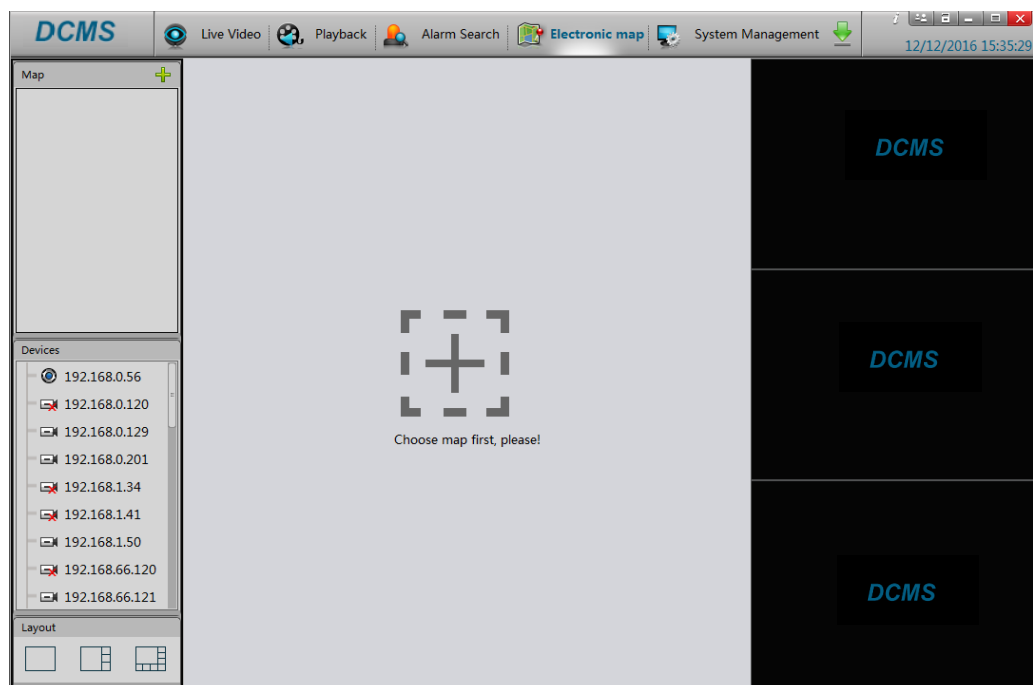
Click  to enter the electronic map page, as shown in Figure 5-1. On the electronic map page, you can view live video, change live video layout and play the alarm Video.

Figure 5-1 Main map page

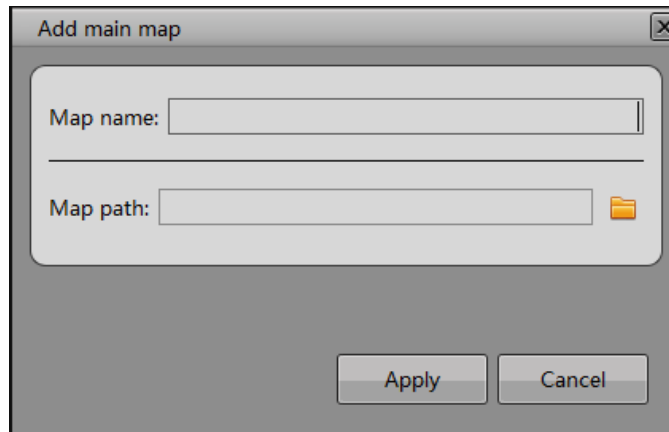


5.1 Adding maps

Procedure

- Step 1** Click **Choose map first, please!** on the main map page, the Add main map page appears, as shown in Figure 5-2.

Figure 5-2 Add main map page



- Step 2** Enter the Map name and choose map path.

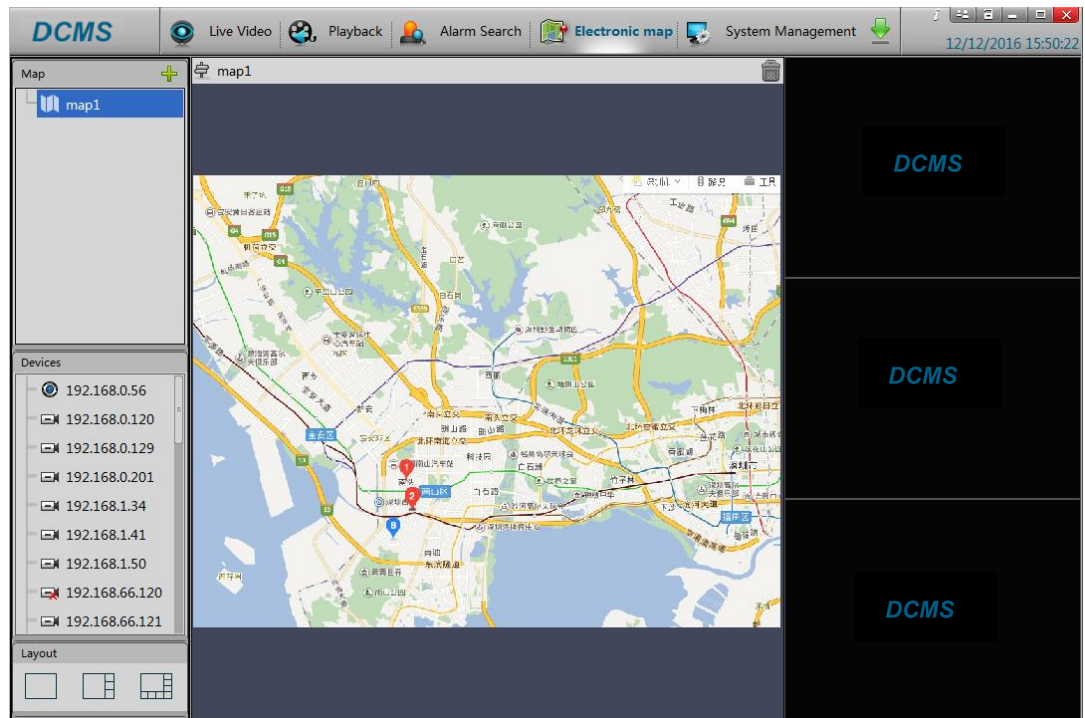


NOTE

Electronic map file format should be JPG file format.

- Step 3** Click **Apply** to complete to add a map, as shown in Figure 5-3 .

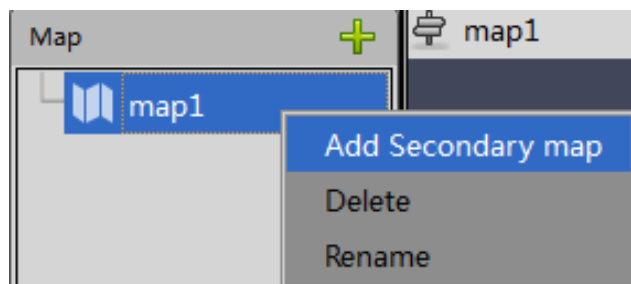
Figure 5-3 Complete to add a map page



Step 4 Click  in the map list to add other new maps.

Step 5 Choose a added map, and right click mouse, you can add secondary map, delete or rename the map as shown in Figure 5-4

Figure 5-4 Add secondary map page

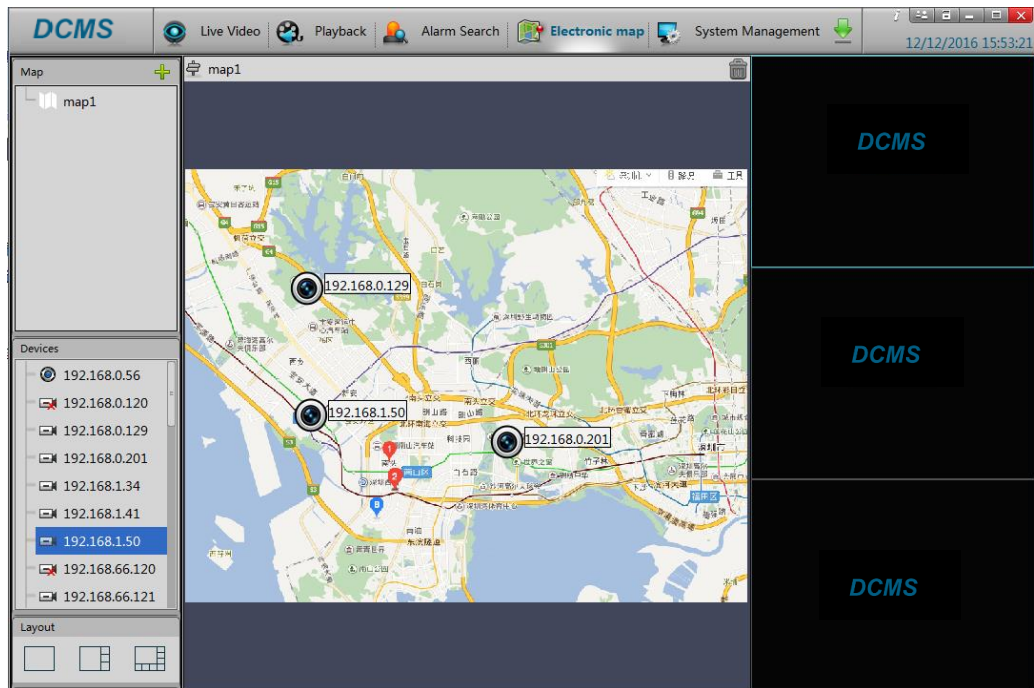


5.2 Live video in electronic map


Procedure

Step 1 Choose a map and drag the camera in the device list to the electronic map, as shown in Figure 5-5 .

Figure 5-5 Add camera page



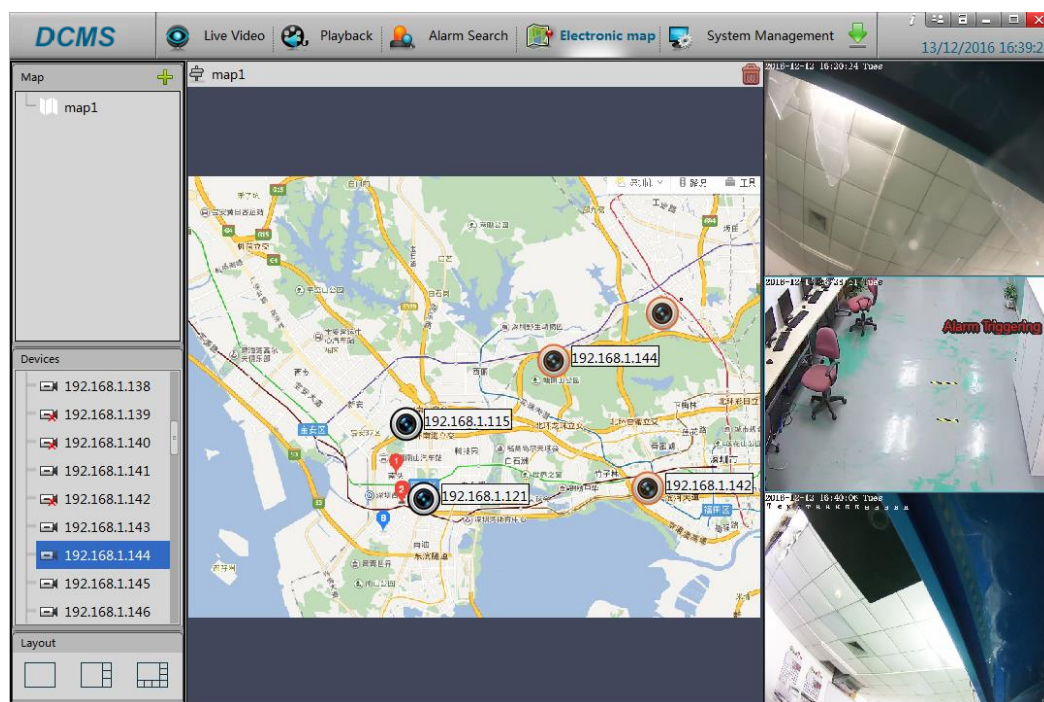
Step 2 Choose a live video layout.

Step 3 Double-click camera on the electronic map, the camera icon flashing and the videos played on the video playback windows, as shown in Figure 5-6 . Move the cursor to the title bar of real-time video player window, Click  to close a live video.

 **NOTE**

When alarm triggered, the camera icon flashing and the videos played on the video playback windows

Figure 5-6 Live video in electronic map page



----End

6 System Management


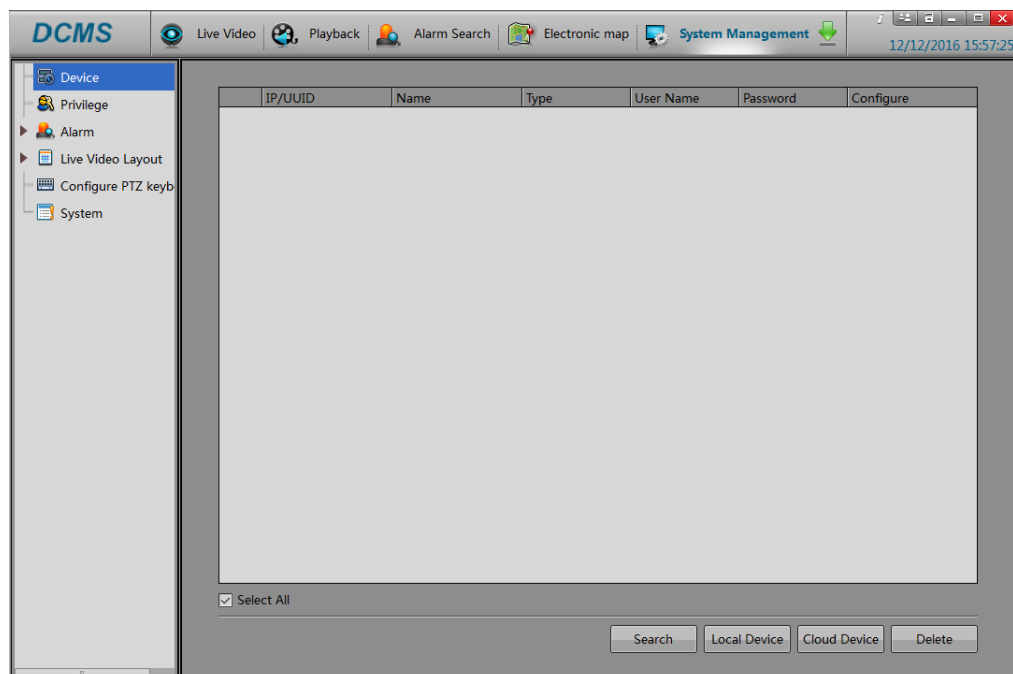
Click  **System Management** to enter the system management page, as shown in Figure 6-1. On the system management page, you can manage a device, set privilege, alarm, live video layout, PTZ keyboard, system parameters.

Figure 6-1 System management page



6.1 Device

6.1.1 Searching for a device

Step 1 Click **Search**. The **Device Search** page appears, as shown in Figure 6-2.

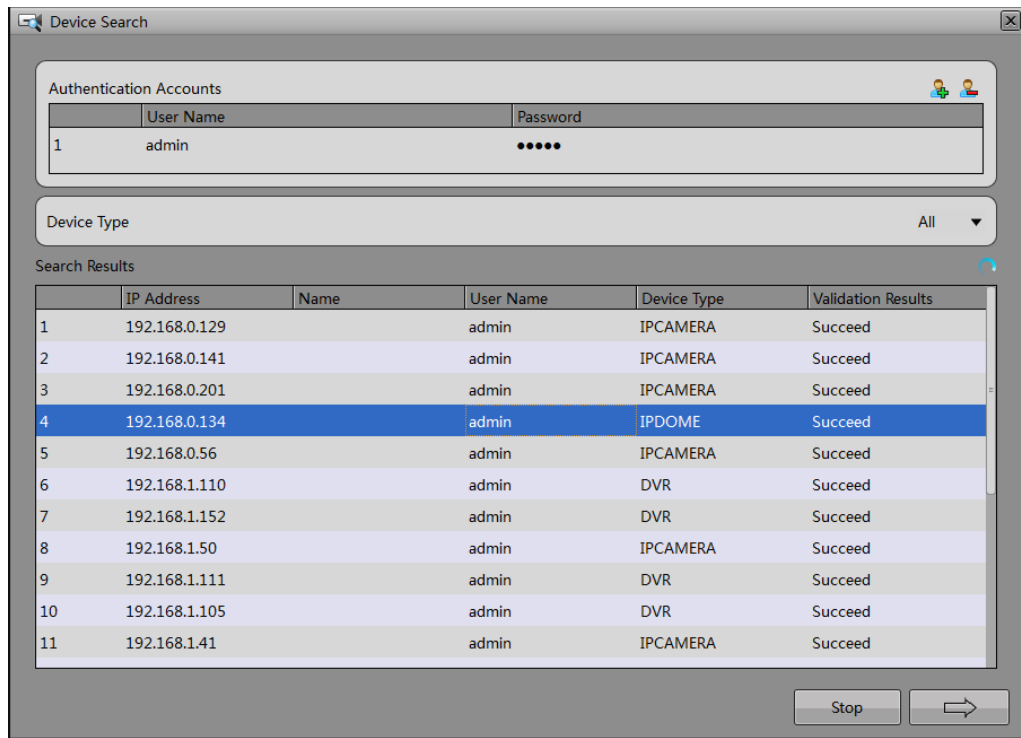
Figure 6-2 Device Search page

The screenshot shows a web application window titled "Device Search". It contains the following elements:

- Authentication Accounts:** A table with columns "User Name" and "Password". The first row shows "admin" and a masked password "•••••".
- Device Type:** A dropdown menu currently set to "All".
- Search Results:** A table with columns "IP Address", "Name", "User Name", "Device Type", and "Validation Results". The table body is currently empty.
- Buttons:** A "Scan" button and a right-pointing arrow button are located at the bottom right of the window.

Step 2 Choose a device type from **Device Type** dropdown list and click **Scan** to search for devices in the network, as shown in Figure 6-3.

Figure 6-3 Device Search page




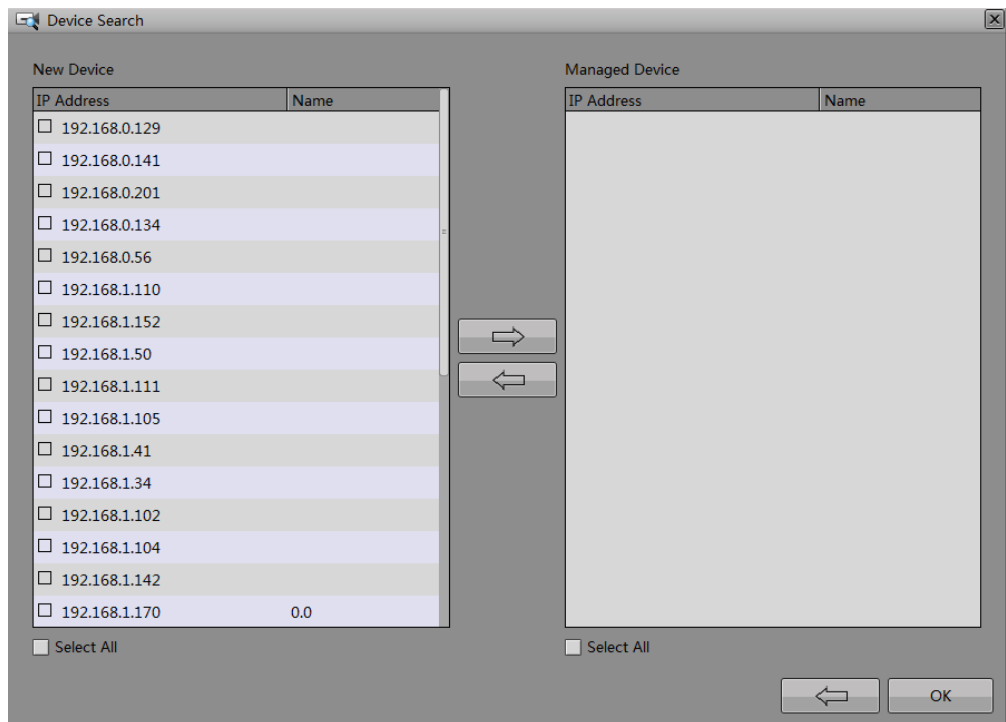
Step 3 Click . The device selection page is displayed, as shown in Figure 6-4.

Figure 6-4 Device selection page




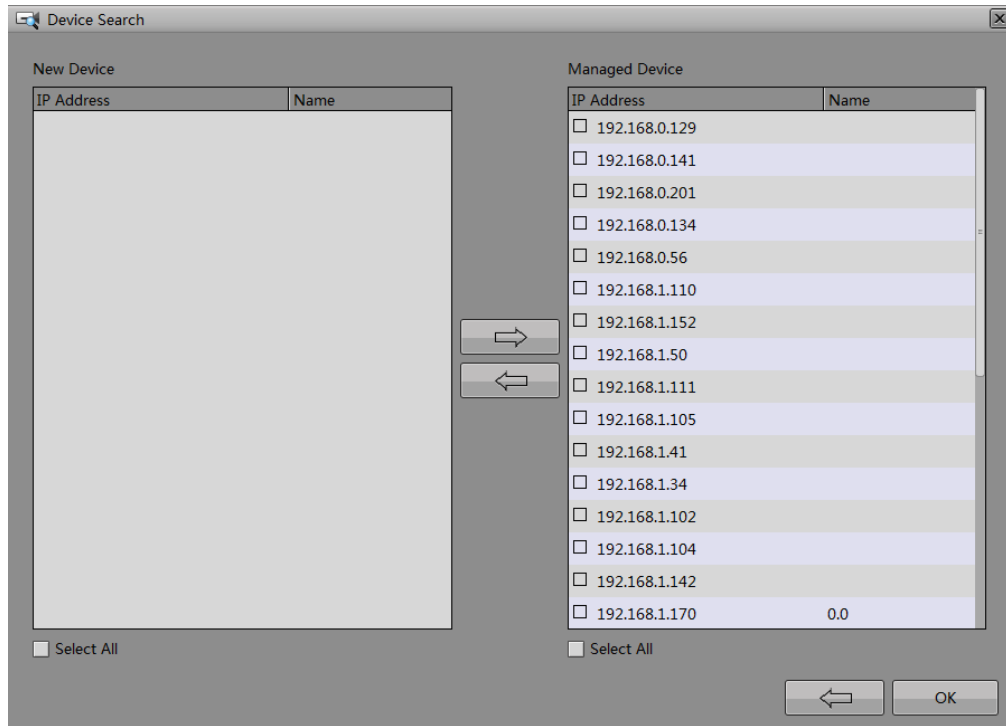

Step 4 Select devices from **New Device**, and then click  to add them to **Managed Device**, as shown in Figure 6-5.

Figure 6-5 Device selection page



 **NOTE**

Select a device from **Managed Device**, and then click  to add it to **New Device**

Step 5 Click **OK** to add the selected devices in **Managed Device** to the system, as shown in Figure 6-6. Click  to return to the **Device Search** page.

Figure 6-6 Device management page

	IP/UUID	Name	Type	User Name	Password	Configure
<input type="checkbox"/> 1	192.168.0.129	192.168.0.129	IPCAMERA	admin	•••••	
<input type="checkbox"/> 2	192.168.0.141	192.168.0.141	IPCAMERA	admin	•••••	
<input type="checkbox"/> 3	192.168.0.201	192.168.0.201	IPCAMERA	admin	•••••	
<input type="checkbox"/> 4	192.168.0.134	192.168.0.134	IPDOME	admin	•••••	
<input type="checkbox"/> 5	192.168.0.56	192.168.0.56	IPCAMERA	admin	•••••	
<input type="checkbox"/> 6	192.168.1.110	HDVR	DVR	admin	•••••	
<input type="checkbox"/> 7	192.168.1.152	HDVR	DVR	admin	•••••	
<input type="checkbox"/> 8	192.168.1.50	192.168.1.50	IPCAMERA	admin	•••••	
<input type="checkbox"/> 9	192.168.1.111	HDVR	DVR	admin	•••••	
<input type="checkbox"/> 10	192.168.1.105	HDVR	DVR	admin	•••••	
<input type="checkbox"/> 11	192.168.1.41	192.168.1.41	IPCAMERA	admin	•••••	
<input type="checkbox"/> 12	192.168.1.34	192.168.1.34	IPCAMERA	admin	•••••	
<input type="checkbox"/> 13	192.168.1.102	HDVR	DVR	admin	•••••	
<input type="checkbox"/> 14	192.168.1.104	HDVR104	DVR	admin	•••••	
<input type="checkbox"/> 15	192.168.1.142	192.168.1.142	IPCAMERA	admin	•••••	
<input type="checkbox"/> 16	192.168.1.170	0.0	NVR	admin	•••••	

Select All

Search Local Device Cloud Device Delete

NOTE

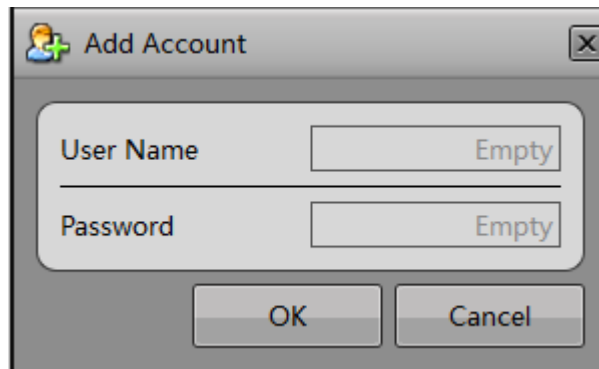
Click , you can set the device parameters such as device name, network, device ports, date and time, scheduled reboot and maintenance, or click **more** to set the device parameters by the NVR Web.

---End

Management of device Authentication Accounts

Device authentication accounts are used for the privilege authentication of the found camera. If the authentication is passed, the account can be added to the management list of the Client.

Step 1 Click . The **Add Account** dialog box appears, as shown in Figure 6-7.

Figure 6-7 Add Account dialog box

Step 2 Enter the user name and password. Then click **OK** to add the account or click **Cancel** to cancel the operation.


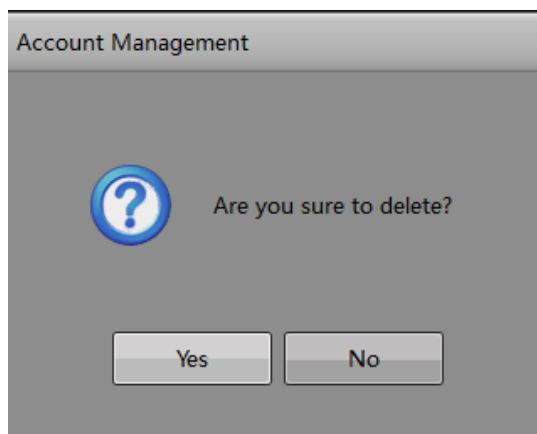
Step 3 Choose the account you want to delete, then click . The **Account Management** dialog box is displayed, prompting "Are you sure to delete?", as shown in Figure 6-8.

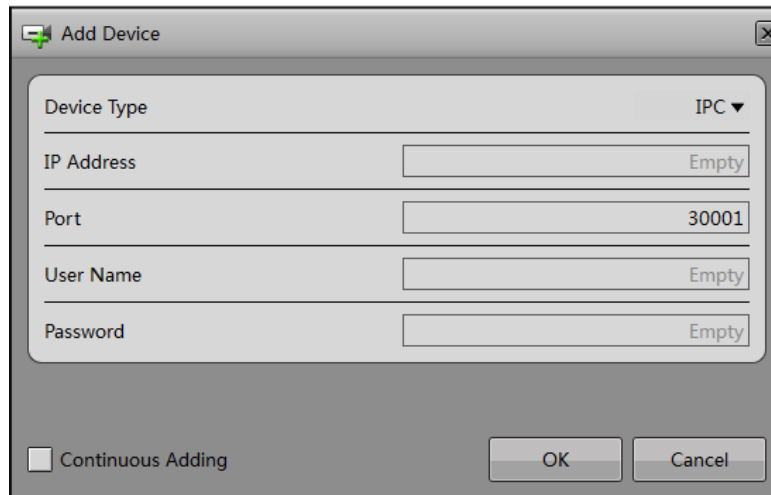
Figure 6-8 Account Management dialog box

Step 4 Click **Yes** to delete the account or click **No** to cancel the operation.

----End

6.1.2 Management of Local Device

Step 1 Click . The **Add device** dialog box appears, as shown in Figure 6-9.

Figure 6-9 Add device dialog box

The 'Add Device' dialog box is shown with the following fields and values:

Field	Value
Device Type	IPC
IP Address	Empty
Port	30001
User Name	Empty
Password	Empty

Additional elements include a 'Continuous Adding' checkbox (unchecked) and 'OK' and 'Cancel' buttons.

Step 2 Select **Device Type**.

Step 3 Enter the **IP Address**, **Port**, **User Name** and **Password**. Then click OK to add the a device or click Cancel to cancel the operation, **Port** is set to **30001** by default.


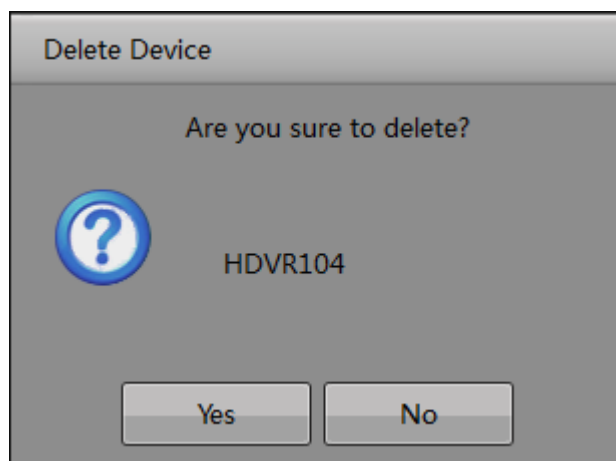

Step 4 Select the device you want to delete, then click . The dialog box is displayed, prompting "Are you sure to delete?", as shown in Figure 6-10.

Figure 6-10 Delete Device dialog box

The 'Delete Device' dialog box displays the following information:

Are you sure to delete?

 HDVR104

Buttons: Yes, No

Step 5 Click **Yes** to delete the IP address segment or click **No** to cancel the operation.

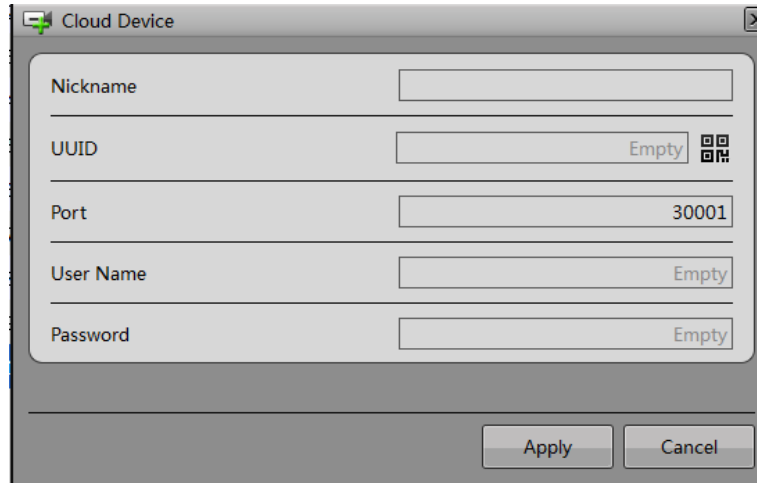
----End

6.1.3 Management of Cloud Device

Step 1 Click **Cloud Device**. The **Add Cloud Device** dialog box appears, as shown in Figure 6-11.

Enter the **Nickname**, **UUID**, **port**, **user name**, and **password** of the device to be added. **Port** is set to **30001** by default.

Figure 6-11 Add Cloud Device page



The screenshot shows a dialog box titled "Cloud Device" with a close button in the top right corner. The dialog contains five input fields, each with a label on the left and a text box on the right. The "Nickname" field is empty. The "UUID" field is empty and has a QR code icon to its right. The "Port" field contains the value "30001". The "User Name" field is empty. The "Password" field is empty. At the bottom of the dialog, there are two buttons: "Apply" and "Cancel".

Step 2 Click **Apply**. If the operation succeeded, the cloud device is displayed in the device list. If the operation failed, the system displays the reason for the failure and you should check whether the parameters are correctly set.

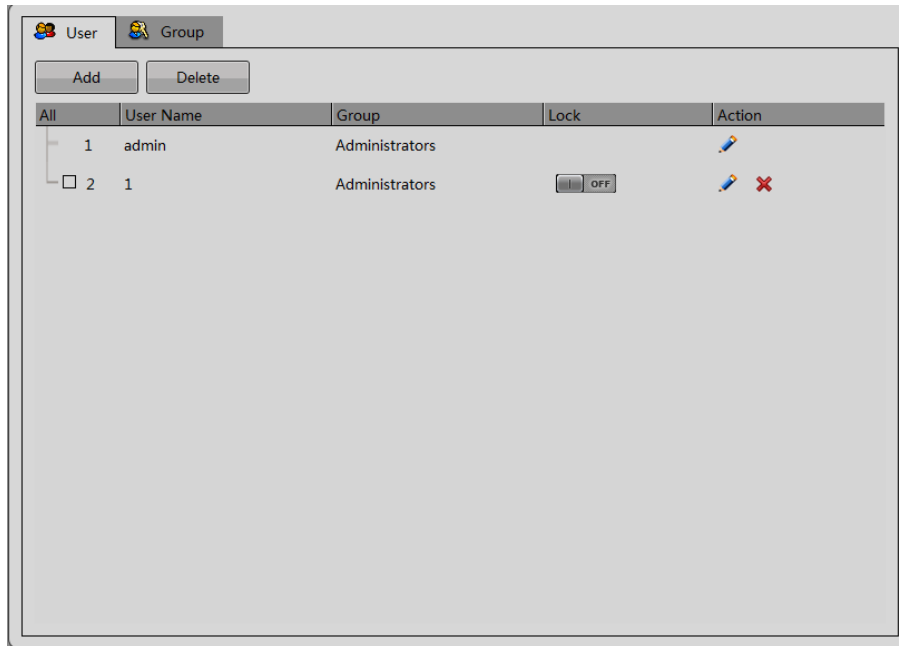
----End

6.2 Privilege

6.2.1 User Management

Choose **Privilege**. The user management page appears, as shown in Figure 6-12. On the user management page, you can add or delete a user. Users with the user management privilege can unlock the locked user accounts.

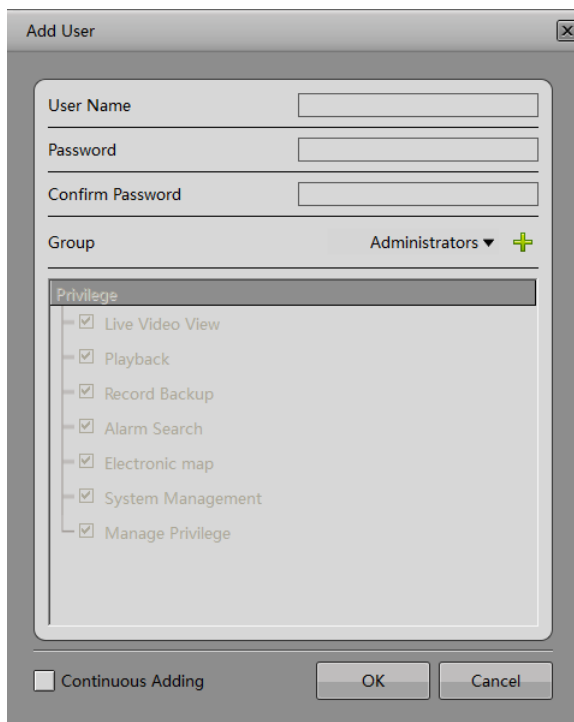
Figure 6-12 User management page



Adding a User

Step 1 Click **Add**. The **Add User** page appears, as shown in Figure 6-13

Figure 6-13 Add User page



Step 2 Enter the value of **User Name, Password, Confirm Password.**


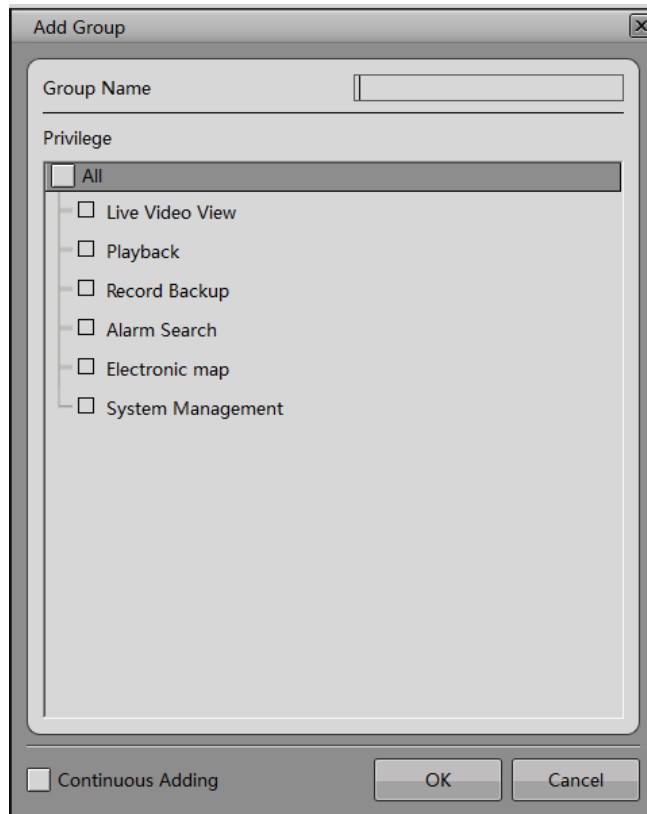
Step 3 Click , the add group page appears, as shown in Figure 6-14.

Figure 6-14 Add Group page



Step 4 Enter the value of **Group Name**, and select the **Privilege** for user.

Step 5 **Select continuous Adding** to add other users.

User privileges include:

- Live Video View
- Playback
- Record Backup
- Alarm Search
- Electronic map
- System Management



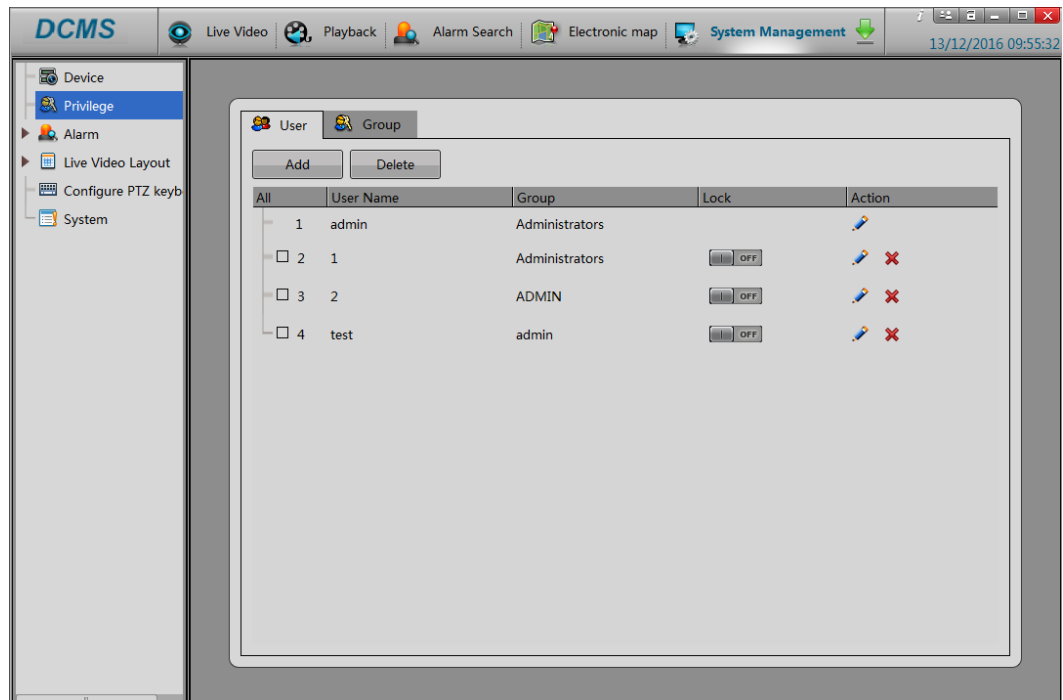
NOTE

The default group account is **Administrator** that is all privileges granted cannot be deleted or modified.

Step 6 Click **OK**. The system returns to the **Users** page.

Step 7 Click **OK**. The user is added successfully, as shown in Figure 6-15.

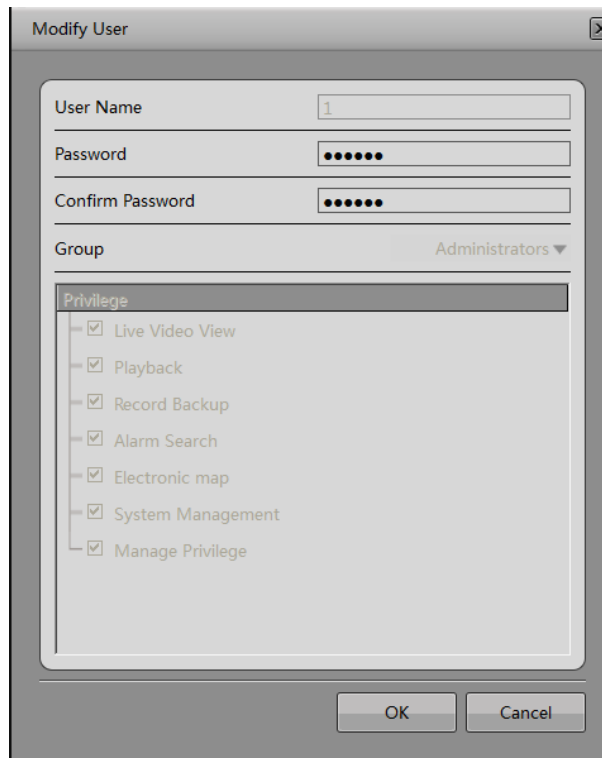
Figure 6-15 Users page



-----End

Modifying a User

- Step 1** Select a user and then click . The **Modify User** dialog box appears, as shown in Figure 6-16.

Figure 6-16 Modify Users page

Modify User

User Name: 1

Password: ●●●●●●

Confirm Password: ●●●●●●

Group: Administrators ▼

Privilege

- Live Video View
- Playback
- Record Backup
- Alarm Search
- Electronic map
- System Management
- Manage Privilege

OK Cancel

Step 2 Enter a new **password** and **confirm password** to modify the user.

Deleting a User


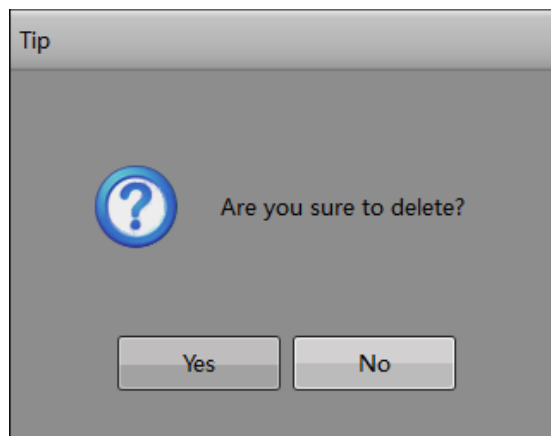
Step 1 Select a user and then click Delete or . The **Delete User** dialog box appears, as shown in Figure 6-17.

Figure 6-17 Delete User dialog box

Step 2 Click **Yes** to delete the user. The system returns to the user management page, click **No** to cancel the operation. The system returns to the user management page.

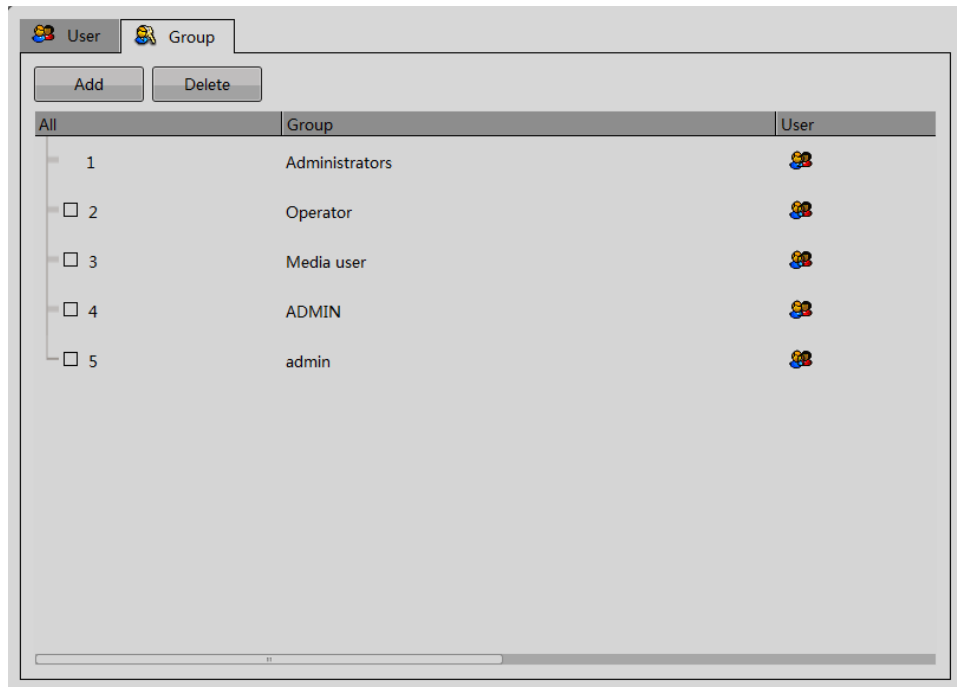
NOTE

When a user enters incorrect passwords three times during login, the account is locked. The account can be unlocked only by another user with the user management privilege on the **Users** page.

6.2.2 Group

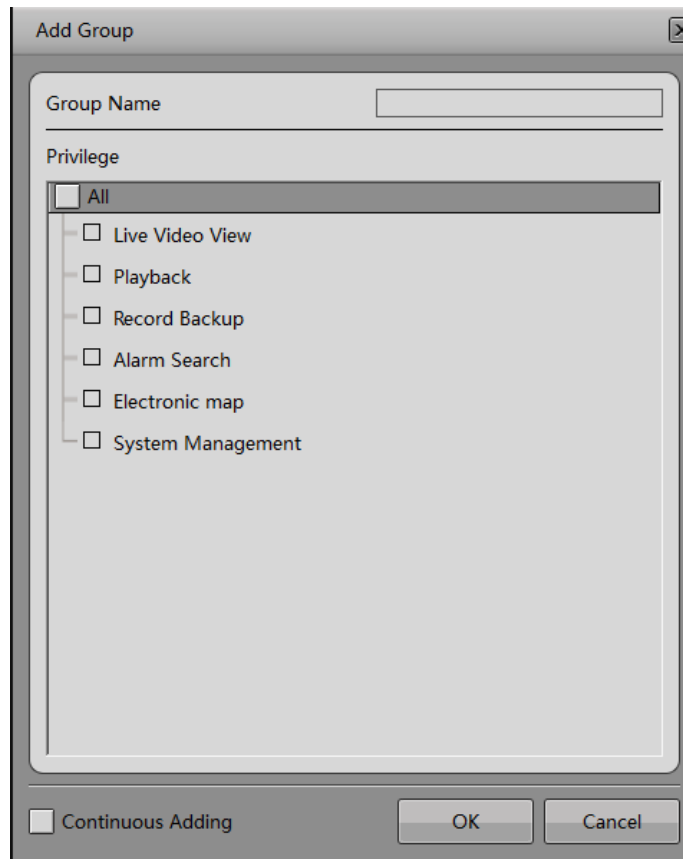
Choose **Privilege > Group**. The **Groups** page appears, as shown in Figure 6-18.

Figure 6-18 Groups page



Adding a Group

Step 1 Click **Add**. The **Add Group** page appears, as shown in Figure 6-19.

Figure 6-19 Add Group page

The screenshot shows a dialog box titled "Add Group". It has a close button (X) in the top right corner. The main area contains a "Group Name" text field. Below it is a "Privilege" section with a list of checkboxes: "All", "Live Video View", "Playback", "Record Backup", "Alarm Search", "Electronic map", and "System Management". At the bottom left, there is a "Continuous Adding" checkbox. At the bottom right, there are "OK" and "Cancel" buttons.

Step 2 Enter the value of **Group Name**, and select the Privilege for group.

Step 3 Select **continuous Adding** to add other groups.

Group privileges include:

- Live Video View
- Playback
- Record Backup
- Alarm Search
- Electronic map
- System Management

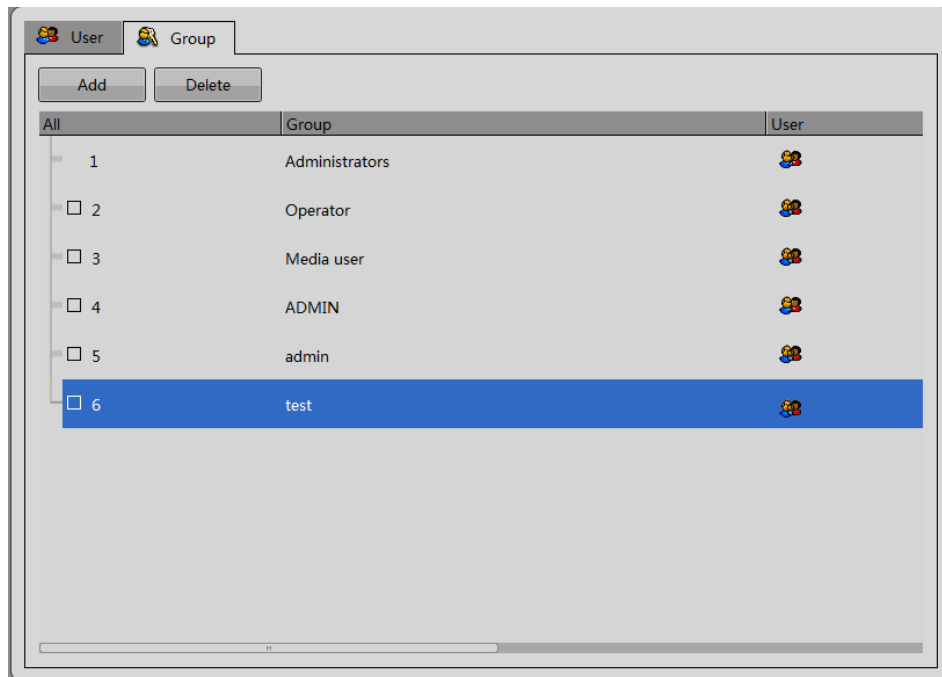


NOTE

The default group account is **Administrator** that is all privileges granted cannot be deleted or modified.

Step 4 Click **OK**. The system returns to the **Group** page.

Step 5 Click **OK**. The group is added successfully, as shown in Figure 6-20.

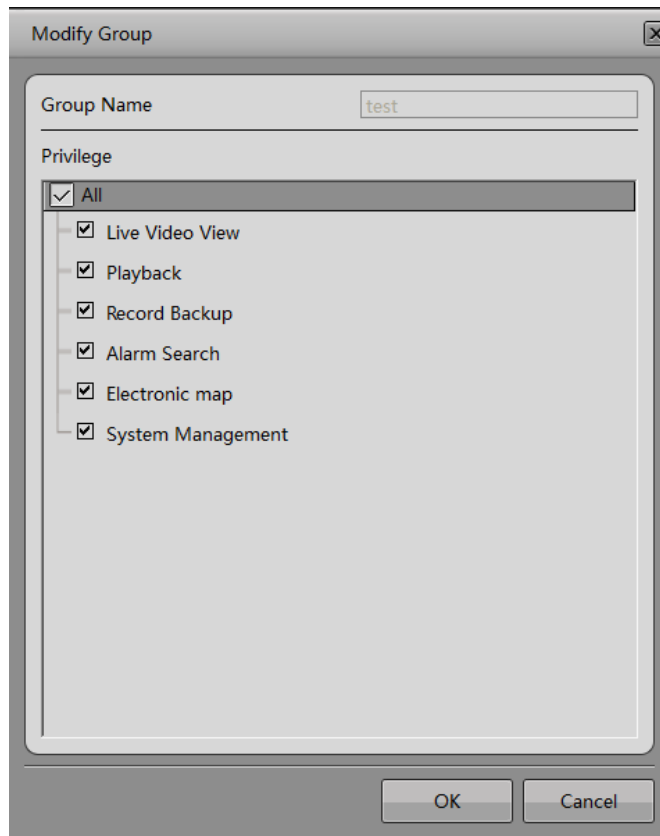
Figure 6-20 Groups page

-----End

Modifying a Group

- Step 1** Select a group to modify, click , the Modify Group page appears as shown in Figure 6-21.

Figure 6-21 Modify Group page



Step 2 Select the Privilege again, and then click OK.

Deleting a Group


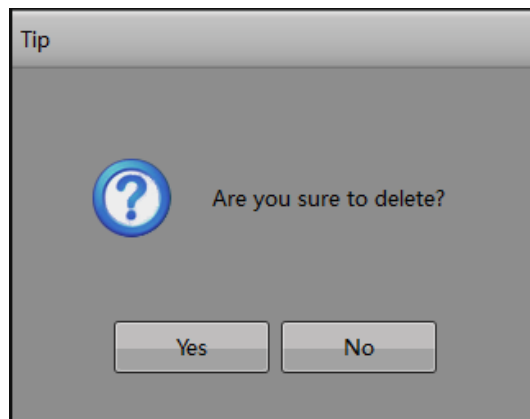
Step 1 Select a group and then click **Delete** or  , the **Delete Group** dialog box appears, as shown in Figure 6-22.

Figure 6-22 Delete Group page



Step 2 Click **Yes** to delete the group. The system returns to the **Groups** page, click **No** to cancel the operation. The system returns to the Group management page.

**NOTE**

The default group account is **Administrator** and cannot be deleted or modified.

-----End

6.3 Alarm

Description

On the alarm page, you can search for the different types of warning information in the specified period of time.

**NOTE**

By default, the system searches for all the warning information of the selected device within a month.

6.3.1 Device Warning

Procedure

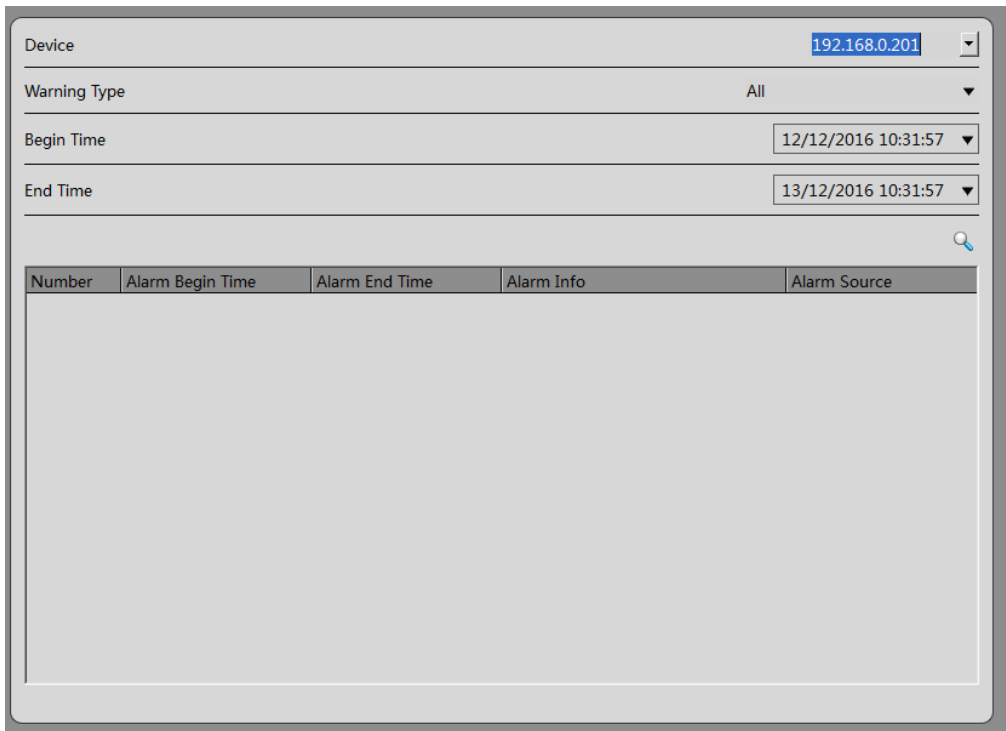
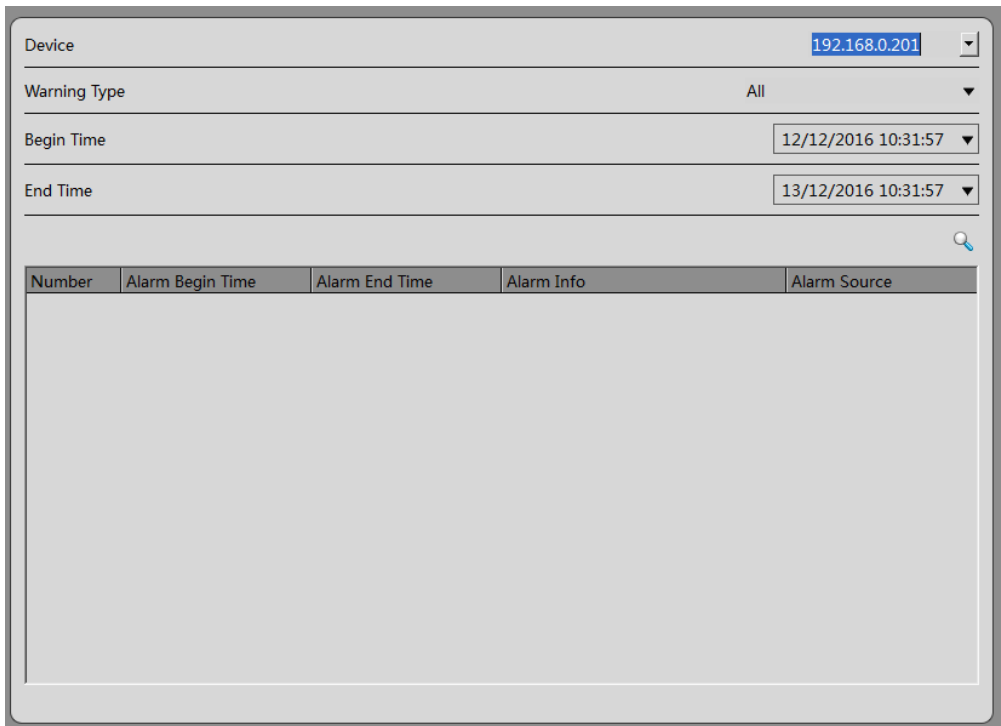
Step 1 Click **Alarm >Device Warning**. The device warning page appears, as shown in  错误!未找到引用源。 .

Figure 6-23 Device Warning page



Number	Alarm Begin Time	Alarm End Time	Alarm Info	Alarm Source

Step 2 Set the **Device**, **Warning Type**, **Begin Time**, and **End Time**.


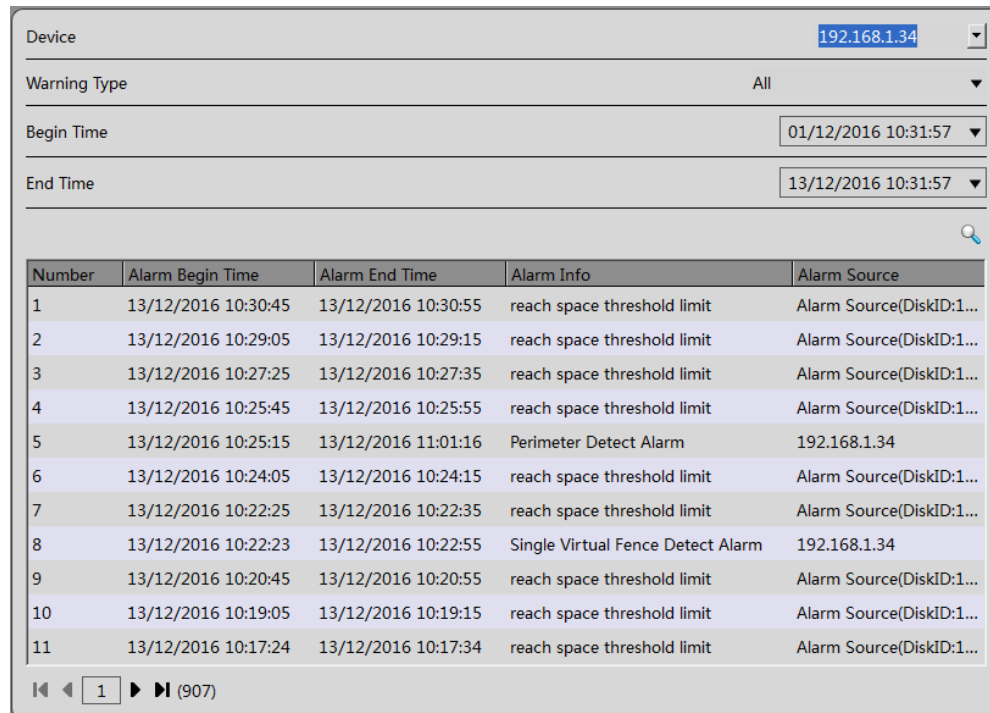
Step 3 Click . The searches for the warning information, as shown in Figure 6-24.

Figure 6-24 Search results of system warnings



Number	Alarm Begin Time	Alarm End Time	Alarm Info	Alarm Source
1	13/12/2016 10:30:45	13/12/2016 10:30:55	reach space threshold limit	Alarm Source(DiskID:1...
2	13/12/2016 10:29:05	13/12/2016 10:29:15	reach space threshold limit	Alarm Source(DiskID:1...
3	13/12/2016 10:27:25	13/12/2016 10:27:35	reach space threshold limit	Alarm Source(DiskID:1...
4	13/12/2016 10:25:45	13/12/2016 10:25:55	reach space threshold limit	Alarm Source(DiskID:1...
5	13/12/2016 10:25:15	13/12/2016 11:01:16	Perimeter Detect Alarm	192.168.1.34
6	13/12/2016 10:24:05	13/12/2016 10:24:15	reach space threshold limit	Alarm Source(DiskID:1...
7	13/12/2016 10:22:25	13/12/2016 10:22:35	reach space threshold limit	Alarm Source(DiskID:1...
8	13/12/2016 10:22:23	13/12/2016 10:22:55	Single Virtual Fence Detect Alarm	192.168.1.34
9	13/12/2016 10:20:45	13/12/2016 10:20:55	reach space threshold limit	Alarm Source(DiskID:1...
10	13/12/2016 10:19:05	13/12/2016 10:19:15	reach space threshold limit	Alarm Source(DiskID:1...
11	13/12/2016 10:17:24	13/12/2016 10:17:34	reach space threshold limit	Alarm Source(DiskID:1...

----End

6.3.2 Operation Log

Procedure

Step 1 Click **Alarm >Operation Log**. The Operation Log page appears, as shown in Figure 6-25.

Figure 6-25 Operation Log page

The screenshot displays the 'Operation Log' page with the following search filters:

- Device: 192.168.0.201
- Action: All
- Begin Time: 12/12/2016 11:10:24
- End Time: 13/12/2016 11:10:24
- User Name: (empty text box)
- Download Path: C:\Program Files\InView Management Station 3\ (with folder icon)

Buttons for 'Download' and 'Query' are located at the bottom right of the filter section.

Below the filters is a table with the following header:

ID	Time	User Na	Log Info
----	------	---------	----------

Step 2 Set the **Device**, **Action**, **Begin Time**, and **End Time**, and then click **Query**. The searches for the operation log, as shown in Figure 6-26.

Figure 6-26 Search results of operation log

ID	Time	User Na	Log Info
1	13/12/2016 10:55:33	admin	Start Audio
2	13/12/2016 10:55:33	admin	Start video
3	13/12/2016 10:55:08	admin	Start Audio
4	13/12/2016 10:55:08	admin	Start video
5	13/12/2016 10:54:20	admin	Configure host network

Step 3 Select Download path and save the operation log to the PC.

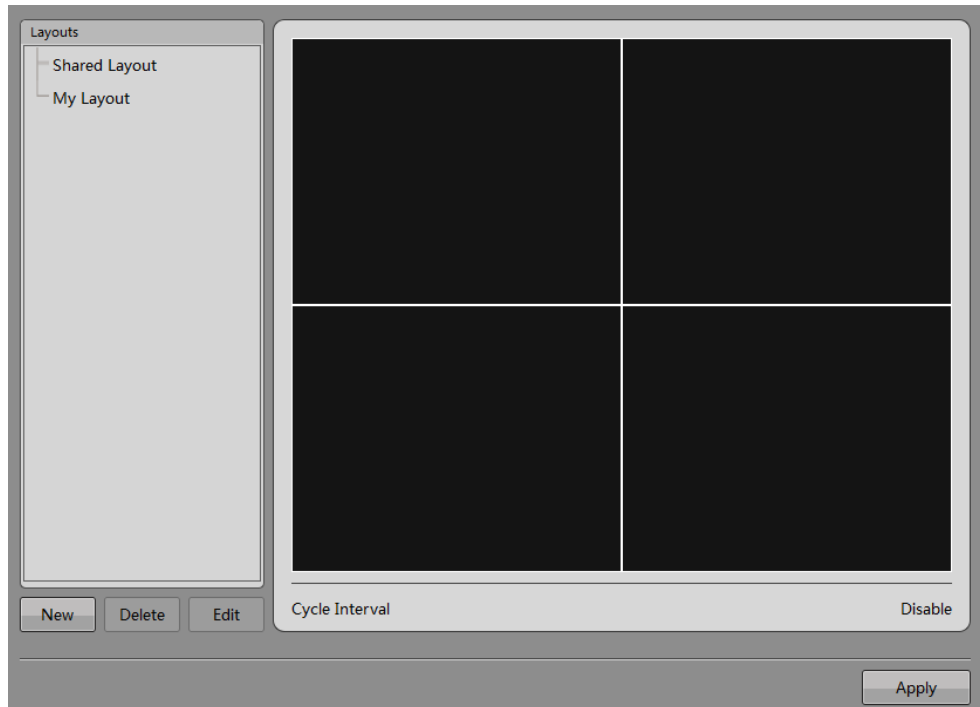
----End

6.4 Live Video Layout

6.4.1 Live Video Layout

Click **Live Video Layout** on the left function list, and the **Layouts** page appears, as shown in Figure 6-27. You can create, edit and delete a layout on the **Layouts** page.

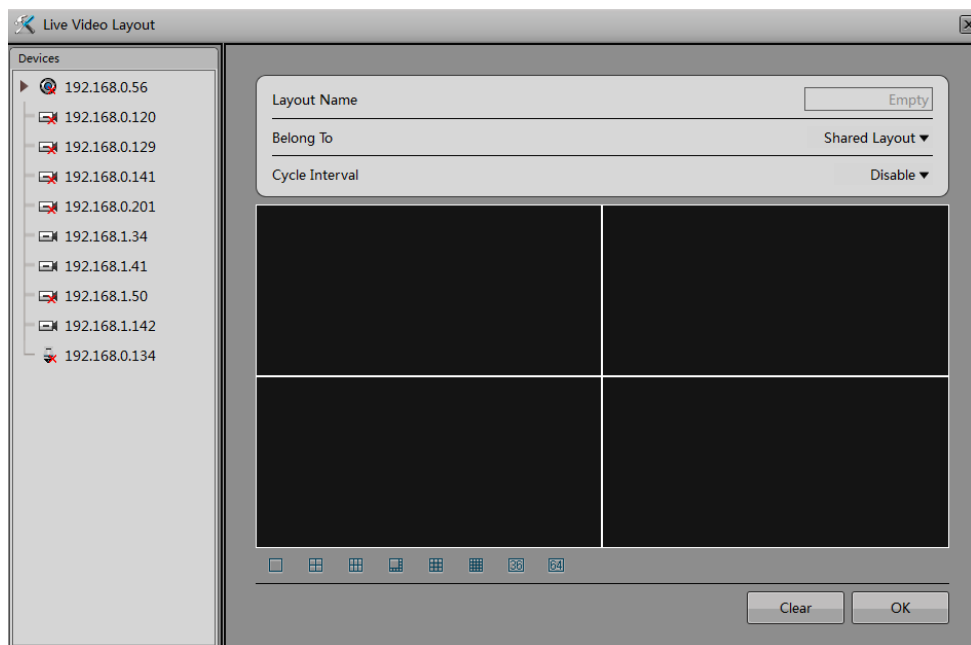
Figure 6-27 Layouts page



Creating a Layout

Step 1 Click **New**. The layout creation page appears, as shown in Figure 6-28.

Figure 6-28 Layout creation page



Step 2 Set the value of **Layout Name**.


Step 3 Set the attribute of the layout by selecting **Shared Layout** or **My Layout** from the **Belong to** dropdown list.

 **NOTE**


- If the new layout is saved to **Shared Layout**, it can be used by all NVR or camera users with the proper privileges.
- If the new layout is saved to **My Layout**, it can be used only by the current user.
- Only users with the privilege to create shared layouts can save their layouts to **Shared Layout**.

Step 4 Set a camera sequence. Click **Cycle Interval** and select an option from the dropdown list. The options available include **Disable**, 5 seconds, 10 seconds, 30 seconds, and 60 seconds.

Step 5 Select a screen splitting format.

You can click a button in  to set the screen splitting format. These buttons indicate 1 screen, 4 screens, 6 screens, 8 screens, 9 screens, and 16 screens respectively from the left to the right.

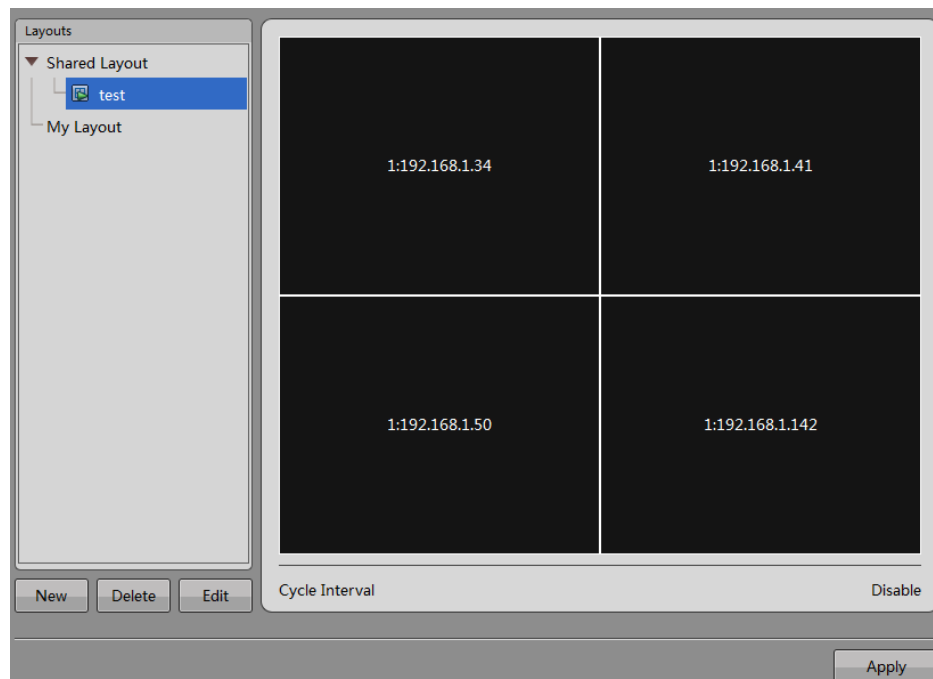
Step 6 Click and drag a device in the **Devices** pane to the screen.

 **NOTE** device can only be dragged to a screen in the same layout.

- More than one device can be added to one screen.
- Remove a device from the screen: Navigate the cursor to a device name, click the red cross following the device name to remove the device from the screen.

Step 7 Click **OK**. A layout is successfully created. See Figure 6-29

Figure 6-29 Layout saving page



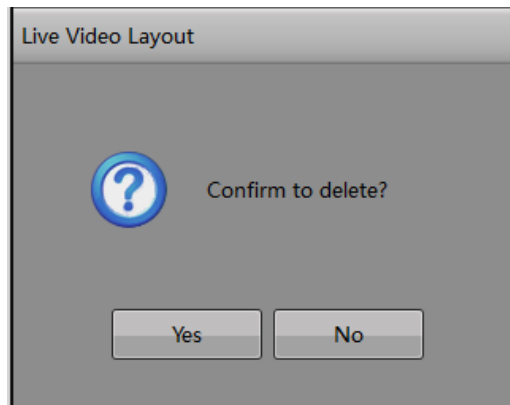
Step 8 Click **Apply**. The new layout is saved and takes effect.

----End

Deleting a Layout

Step 1 Select a layout and then click **Delete**. A dialog box saying "Confirm to delete?" appears, as shown Figure 6-30.

Figure 6-30 Layout deletion confirmation dialog box

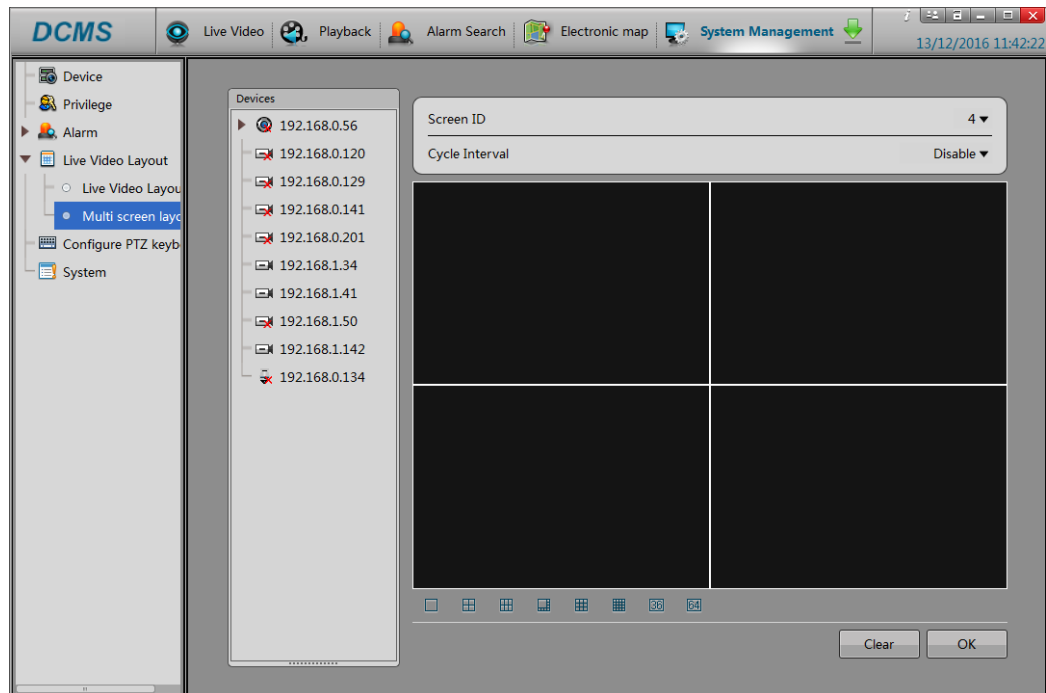


Step 2 Click **Yes** to delete the layout or click **No** to cancel the operation.

----End

6.4.2 Multi Screen Layout

If your computer supports two or more output ports, Multi screen can be used. Click **Multi screen Layout** on the left function list, and the multi screen layout page appears, as shown in Figure 6-31. You can set the layout for the screen selected.

Figure 6-31 Multi screen Layout page

Step 1 Set the screen ID. Select the screen ID option that you want to set from the dropdown list (The first screen is set in Live Video layout).

Step 2 Set the layout you select. Details are same as **step 4 to step 8 of 6.4.1 “creating a layout”**

----End

6.5 Configure PTZ keyboard

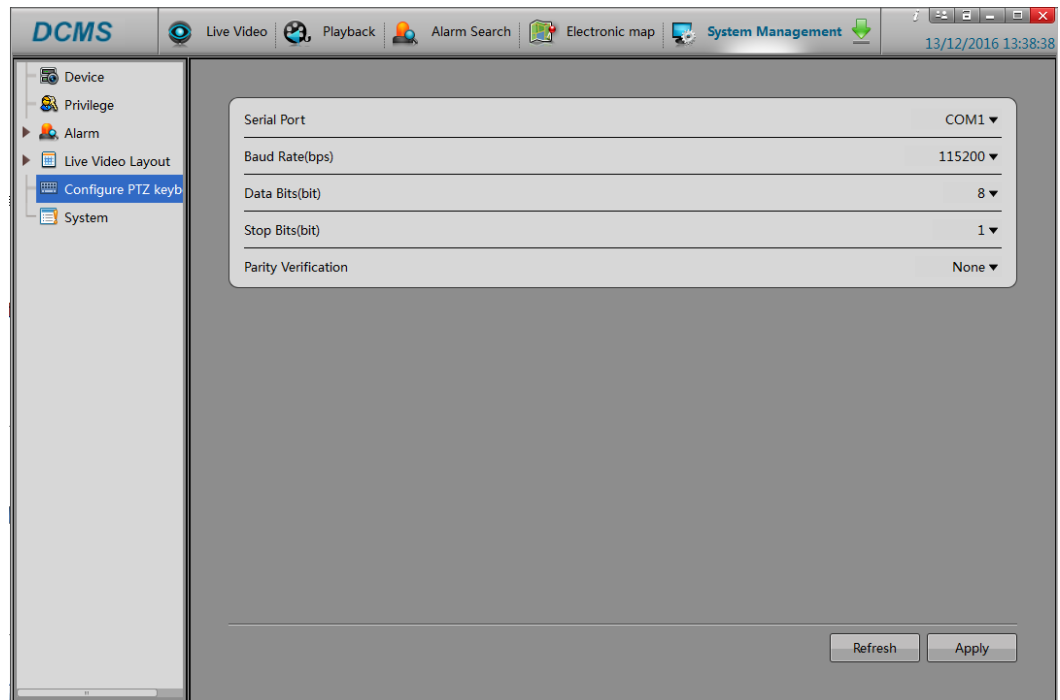
Description

You can set serial port, baud rate, data bits, stop bits, parity verification in configure PTZ keyboard.

Procedure

Step 1 Click **Configure PTZ keyboard** on the left function list and the **Configure PTZ keyboard** page appears as shown in Figure 6-32.

Figure 6-32 Configure PTZ keyboard page



Step 2 Select the value of **Serial Port**, **Baud Rate**, **Data Bits**, **Stop Bits**, **Parity Verification** from the drop-down list box, and then click **Apply** to complete the setting.

6.6 System

Description

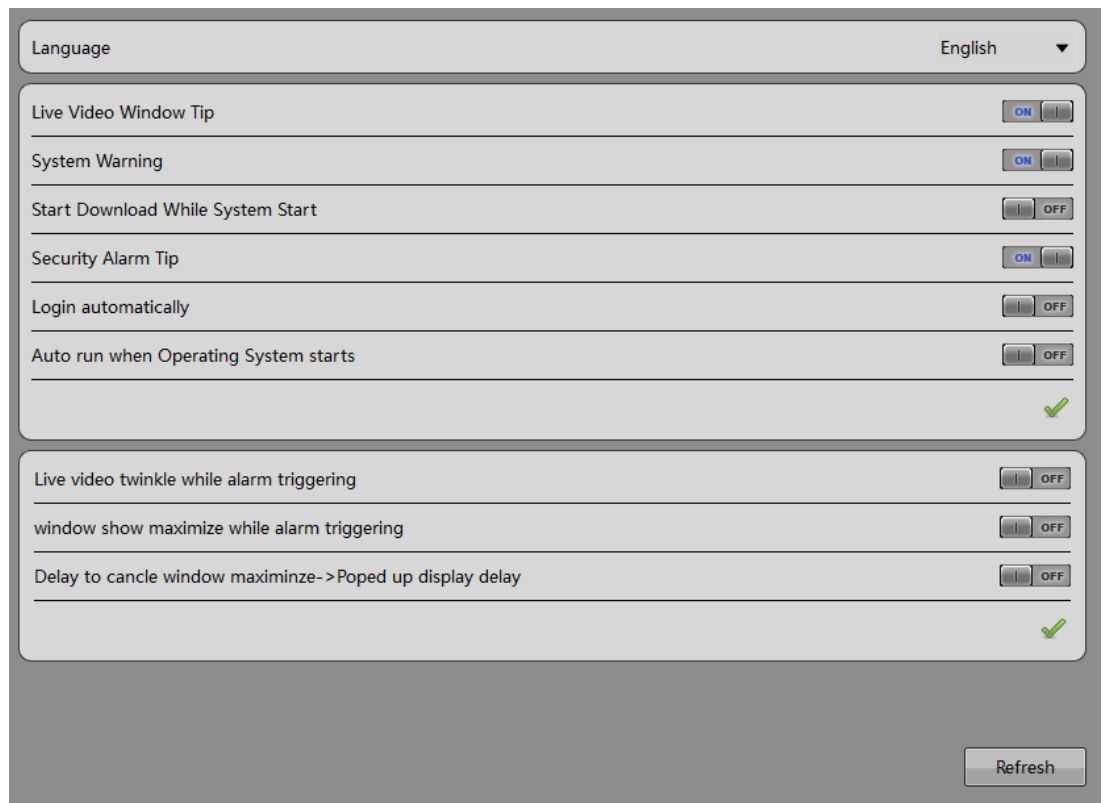
On the system page, you can change language, enable the functions of live video window tip, system warning, start download while system start, security alarm tip, login automatically, , auto run when operating system starts, live video twinkle while alarm triggering, window show maximize while alarm triggering and delay to cancel window maximize -> popped up display delay.

NOTE

- System warning , which contain the warning information of NVRs or cameras, are displayed in the upper right corner of the main system page.
- Camera alarm tips, which contain the alarm information of cameras, are displayed in the lower left corner of the main system page
- Enable **Login automatically**, double-click the DCMS icon and you can enter the main page directly.
- Enable **Auto run when Operating System starts**, the DCMS client will startup automatically when the computer restart or log off.


Procedure

Step 1 Click **System**. The system page appears, as shown in Figure 6-33.

Figure 6-33 System page

Step 2 Select the language from the drop-down list box. **Step**

3 Slide the buttons to ON or OFF for system parameters.

Step 4 Click . The parameters are saved and the functions are enabled.

----**End**