

CMS2000 Network Surveillance Client

User Manual

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1. Welcome to CMS2000

1.1 Overview

CMS2000 is the application specially developed for embedded DVR. It is applicable to DVR, NVR, IP Camera, and Hybrid DVR. There may be technical inaccuracies, or typographical errors in the manual. The contents including description of products and program will be updated without notice.

1.2 Computer Disposition Request

Operating System: Microsoft Windows XP or versions above.

CPU: Intel Pentium IV 2.4 GHz or models above.

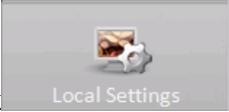
RAM: 1G or above.

Display: 1024×768 resolution or above.

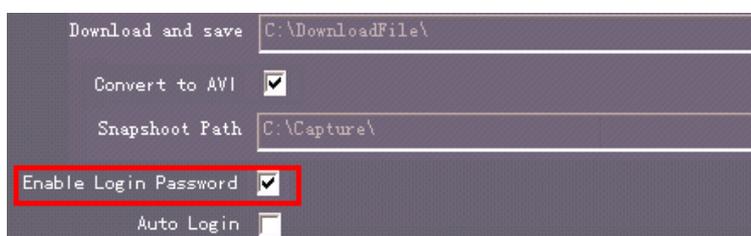
2. Login

2.1 Enable password and login

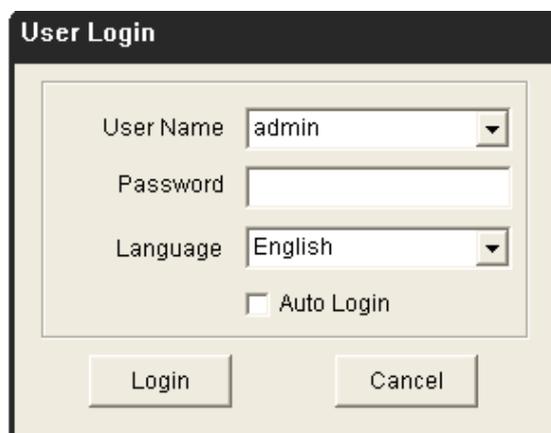
By default, CMS2000 doesn't enable password, so you don't need to input your user name and password to login. For security reason, we recommend you to enable and modify the password. To enable the password, you should:

Step1 Click  to enter the configure mode, and then click .

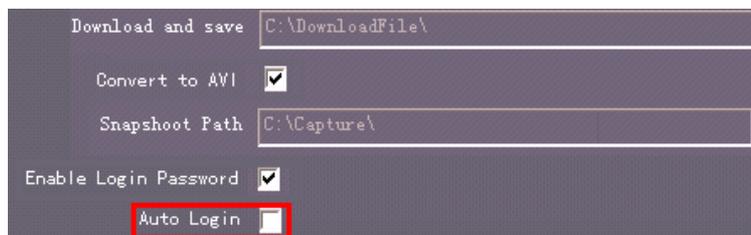
Step2 Select to enable password. The default password is "12345"



Step3 Exit CMS2000 and run it again, the login dialog box will pop up. Input user name and password, then click "Login" to start using the client software. In this dialog box, you can enable auto login.



Step4 If you want to disable auto-login, you should go to local settings dialog to disable it.



2.2 Modify the password

By default, the password is "12345". For security reason, we recommend you to change your

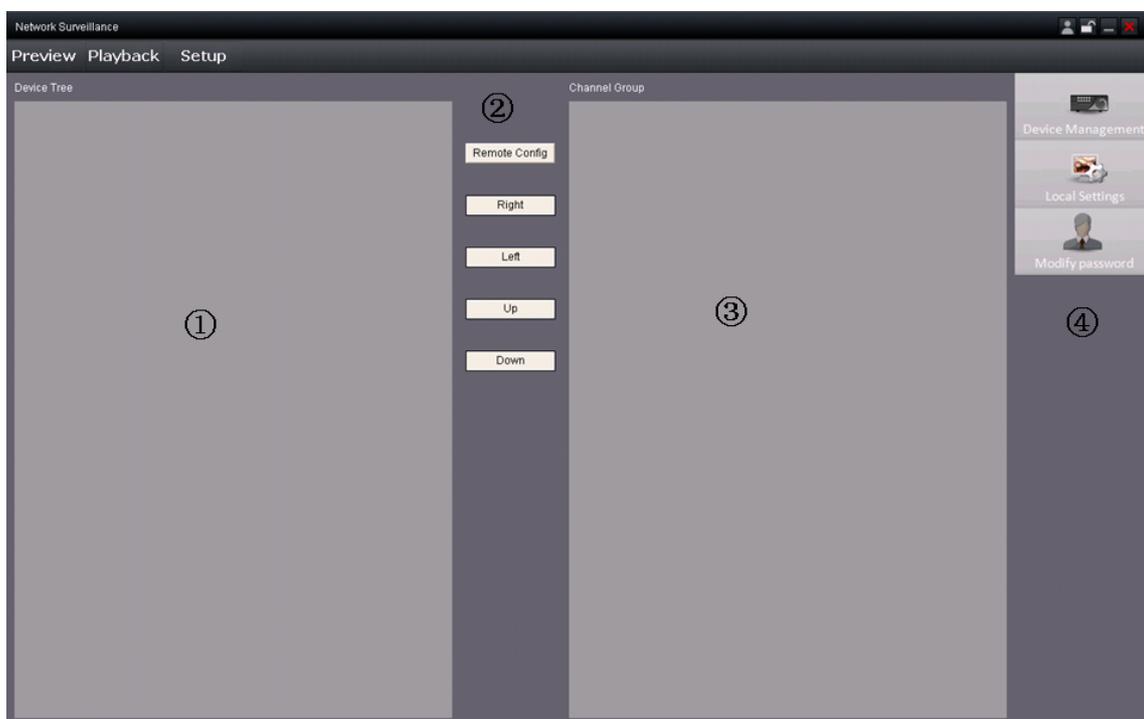
password. To change your password, you should Click  to enter the configure mode,

and then click  to change your password.

3. Device Management

Before any operations, user needs to add device and configure it. Click **Setup** to enter the

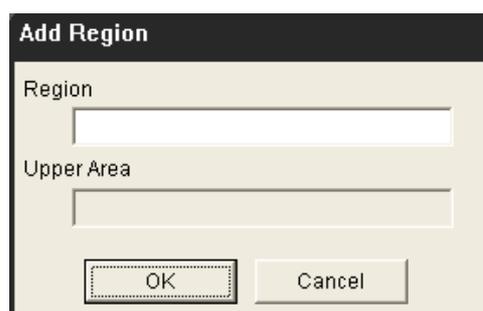
configure mode, and then click **Device Management** to manage the device.



Area	Description	Area	Description
1	Device List Area	2	Configuration Buttons
3	Group/Short key Area	4	Navigation Bar

3.1 Add Device

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



Input a name in the blank of Area Name; if there is no upper area, the blank of Upper Area Name is not enabled. After area added, right click the area name and the sub - menu will pop up, shown as figure below. Select “Add Area”, you can add sub area, select “Delete Nod”, you can delete the area.



Right click the area and select “Add Device”; the sub menu will pop up. Fill in these fields and Click OK to finish adding device.

Add Device

Device Basic Information

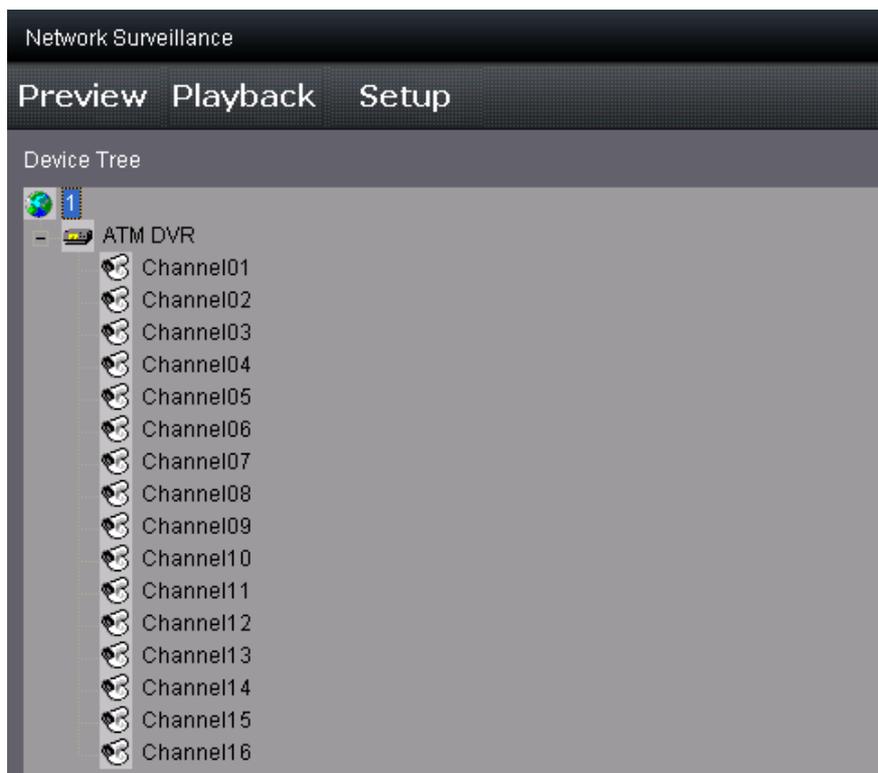
Device Name <input style="width: 90%;" type="text"/>	Upper Area <input style="width: 90%;" type="text" value="1"/>
Register Mode <input style="border: none; border-bottom: 1px solid gray; background-color: #f0f0f0; font-size: small; padding: 2px 5px;" type="text" value="IP Address"/> ▼	IP <input style="width: 90%;" type="text"/>
User Name <input style="width: 90%;" type="text"/>	Password <input style="width: 90%;" type="text"/>
Network Type <input style="border: none; border-bottom: 1px solid gray; background-color: #f0f0f0; font-size: small; padding: 2px 5px;" type="text" value="WAN"/> ▼	Server Port <input style="width: 90%;" type="text"/>
Device ID <input style="width: 95%;" type="text"/>	

Number	Server Port	Device Name	IP

Options	Description
Device Name	User defined
Register Mode	IP Address, Domain Name
IP/Domain Name	IP address or domain name of the device
User Name	User name of the device (default: admin)

Password	Password of the device (default: 12345)
Network Type	WAN or LAN
Port	Device port (default:9000)

After you add a device successfully, the device list area will add an item for this device.



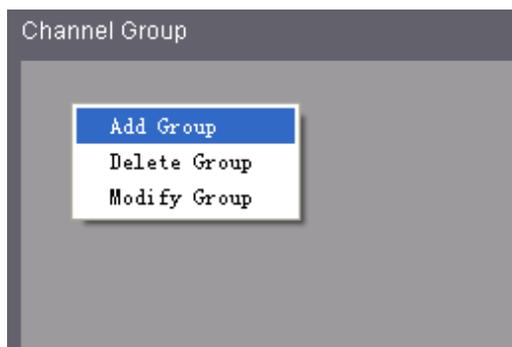
Note: 64 devices can be added here at most.

3.2 Group Configuration

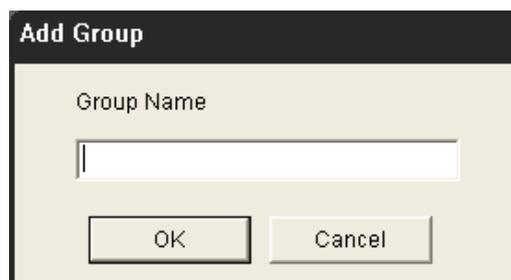
Click the button  to enter group area management window

3.2.1. Group

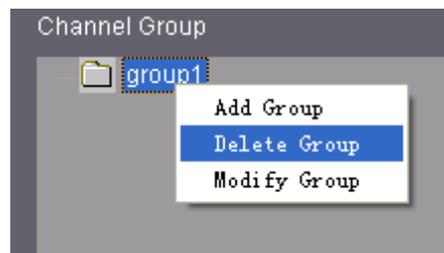
If there is not any nod in this area, then first you need to add group. Right click in the empty area and you will see sub menu as shown on the right. Select “Add Group”.



Input the group name and click “OK”.



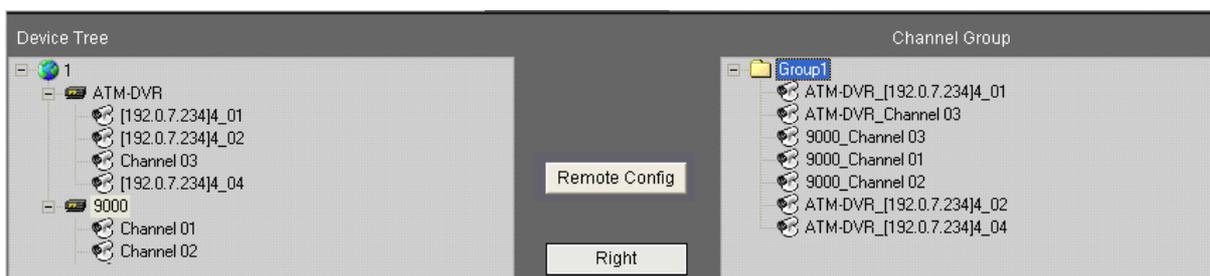
Right click the group name and you can select to delete or modify the selected group.



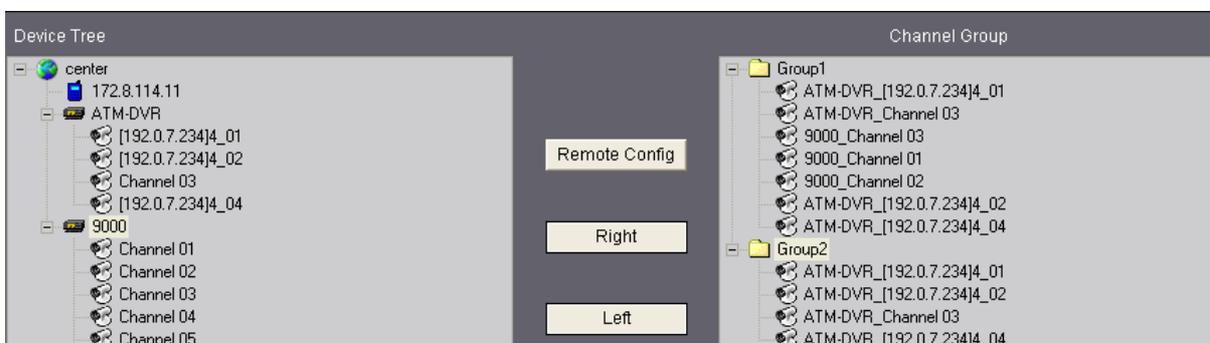
3.2.2. Channel

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

Select the channel from the list area, and click  key and move it to the group. The type of channel name in the group area is as “region name_device name_channel name of the device list area”.



Select the device in the device list area and click key  and all the channels of the device can be moved to the selected group.



Using  and  keys to adjust the channel sequence in the group list.

Using key  to delete the channel or group in the group area

4. Preview

After configuring the device, click the key **Preview** to return to the preview interface. Click the “Device” and “Group” keys to switch between two modes. Play windows support up to 25 window divisions.



Area	Description		
1	Device list	2	PTZ control
3	Preview Panel	4	Alarm information output
5	Video play windows		

Preview Panel Buttons Descriptions:

Area	Description	Area	Description
	Play		Record
	Capture		Window division



4.1. Start and Stop Preview

To start preview, you can:

- Double click the device name or drag it to the play window to preview
- Double click the channel name to preview the corresponding cameras
- Double click the group name to preview the corresponding cameras of the group.
- You can also preview them by dragging them to the play windows.

To stop preview, you can:

- Double click the channel name to preview the corresponding cameras;
- Right click in the play window and the play menu will pop up. Click “Stop Play” to stop preview.



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

4.2. Start and Stop Audio Preview

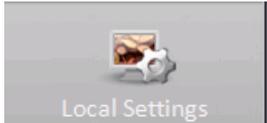
Right click the selected window, select “Open Sound” to enable audio preview, right click again and select “Close Sound” to disable audio preview.



4.3. Recording & Capture

When previewing, click key  to start recording, and the icon becomes as . The channel icon becomes as . Re-click to stop recording. The recorded files are saved in C:\RecordFile.

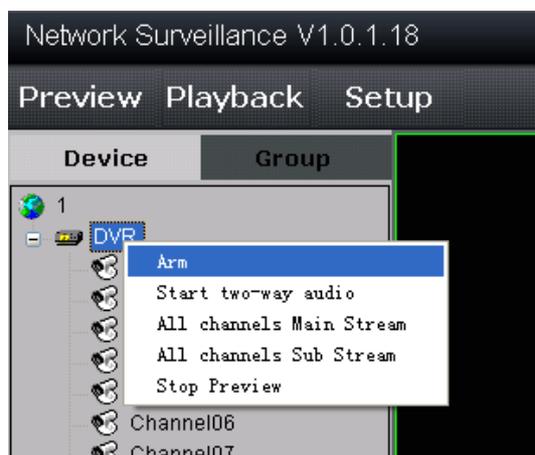
When previewing, click  key to start capture. By default, recorded files are saved in C:\Capture.

You can modify the directory in Setup -> Local Settings.  -> 

4.4. Alarm Output Control

Right click the device name and the sub menu will pop up. Select “Arm” or “Disarm” to turn on or off detection of alarm information from devices.

The icon of  is used to clear all the alarm output information.



4.5. PTZ Control

4.5.1. Direction Control

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

Click key  to start auto scan.



4.5.2. Preset

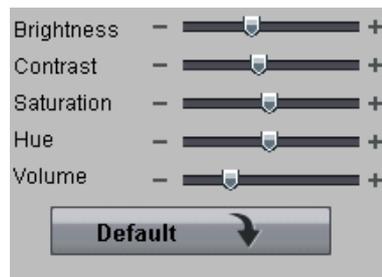
Click the key  on the PTZ control panel and enter preset edit window. Select one play window and you can add, delete and call the preset of this channel.

4.5.3. Cruise

Click the key  on the PTZ control panel and enter cruise edit window. Select one play window and you can start, stop and edit the cruise path of this channel.

4.6. Video Parameters Configuration

Click the key  to show the video parameters configuration menu. Move the scroll bar to adjust the video parameters. You can also restore the parameters by click the button .

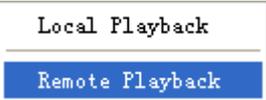


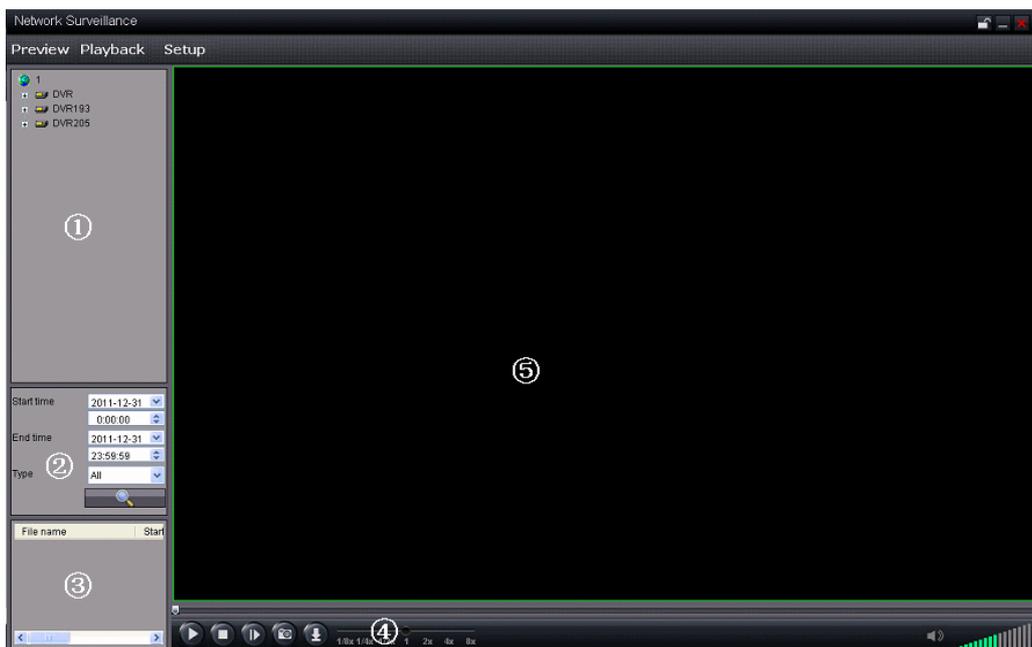
5. Playback and Download

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

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

5.1. Remote VOD

Click **Playback** and choose “Remote VOD”  to enter the remote playback interface.



Area	Description	Area	Description
1	Device list	2	Search condition
3	Search result	4	Playback control panel
5	Play window		

5.1.1. Remote VOD Query

Step1 Select the playback channel and window.

Step2 Select recorded files type and query time.

Step3 Click key  to search the matched recorded files, if there are, the files will shows in the area 3.

Step4 Select a file from area 3, and click key  to start playback.

5.1.2. Playback Control

When playback has succeeded, you can control the playback:



- 1) Play / Pause.
- 2) Stop.
- 3) Single frame forward.
- 4) Snap shot.
- 5) Download the recording file. The default directory for the downloaded file is C:\DownloadFile. You can modify the directory in Setup -> Local Settings page.
- 6) Playback speed control.
- 7) Play position scroll bar.
- 8) Mute / Unmute.
- 9) Volume control.

5.2. Download

Step1 Select the playback channel and window.

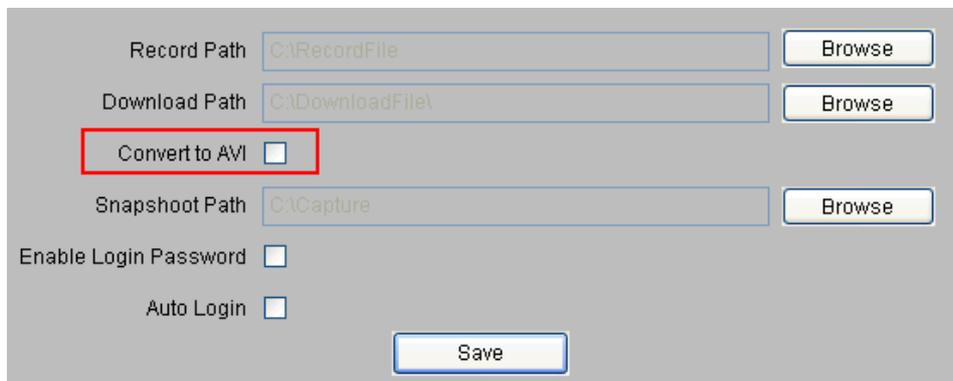
Step2 Select recorded files type and query time.

Step3 Click key  to search the matched recorded files, if there are, the files will shows in the area 3.

Step4 Select a file from area 3, and click key  to download this file. By default, the recording

file is saved as the format of .h264, if you want to convert it to AVI format automatically, you

can go to **Setup** -> **Local Settings** and enable the transformation. Then recording file will be converted to AVI format automatically when you download it



5.3. Local Playback

Click **Playback** and choose "Local Playback" **Local Playback** **Remote Playback** to enter the playback interface. The operation of local playback is the same with that of remote playback.

6. Remote Configuration

You can remote configure the parameters of the device, including recording schedule, alarm schedule and etc.

Path: Click  to enter the configure mode, and then click  to manage the device. Select a device and click .