

**Manual
FOR
Remote surveillance
MODEL QSNDVR9M AND QSNDVR16M**

*This manual is tailored for 4/9/16 channels digital video recorder

*This manual takes 16-channel digital video recorder as example

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Remote live surveillance

This DVR supports remote surveillance through LAN, Intranet and Internet. After connected to the network, the DVR function as a server. Any connected computer, via Internet or LAN, can view the live surveillance, control PTZ in the active-x file downloaded from IE browser, and can playback/backup the recording files from the client software installed in the computer

The DVR supports three remote users' login simultaneously.


1 IE remote operation

IE remote operation refer to the active-x file downloaded from IE browser, herein after is abbreviated as "IE-CLIENT"

Functions: Live video and audio;
 Remote PTZF control.

1.1 Install/uninstall IE-CLIENT

Install

If it is the first time to use IE-client in one computer or the operation system of computer is reinstalled, fill the IP address of DVR in IE address column and press enter or clic , the system will require installing this

software, the dialogue box is as following:

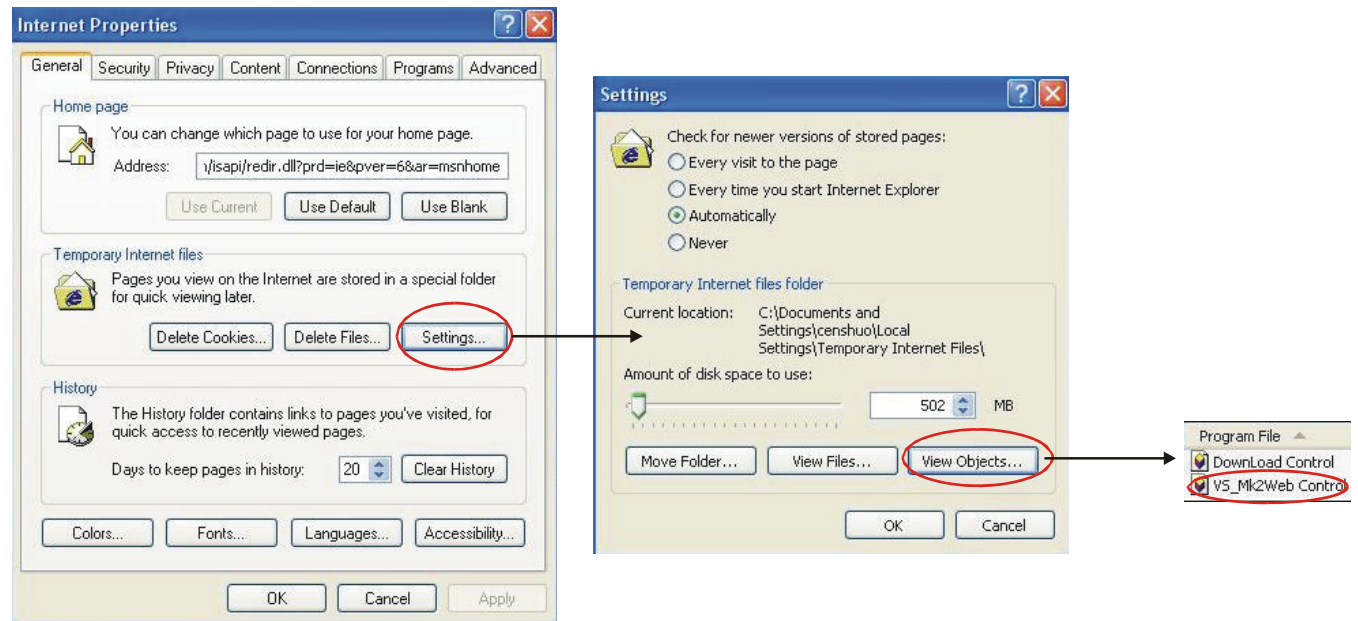


Click "Install" button to install IE client. If click "Don't install" button, user can not operate DVR via IE.

Uninstall

If user wants to uninstall IE-Client, please do as following steps:

- Click "properties" of internet explorer
- Click "Settings" of "Temporary Internet files"
- Click "view objects" to open the folder of the IE-Client
- Delete "VS_MK2Web control".
- Sketch map of uninstall process:



1.2 Login

Read the IP address from the DVR and fill out the IE address column with it. Then press enter or click

➔ to visit the Web Client of DVR and a dialog box pops up (Fig 1.1.1 Login).

The screenshot shows a 'Login' dialog box with the following fields and options:

- Account:**
 - ID: NetUser
 - password: ****
- Port:** 7620
- Video/Audio:**
 - Enable Overlay
 - Enable Audio
- Access Channel:**

<input checked="" type="checkbox"/> 1	<input checked="" type="checkbox"/> 2	<input checked="" type="checkbox"/> 3	<input checked="" type="checkbox"/> 4
<input checked="" type="checkbox"/> 5	<input checked="" type="checkbox"/> 6	<input checked="" type="checkbox"/> 7	<input checked="" type="checkbox"/> 8
<input checked="" type="checkbox"/> 9	<input checked="" type="checkbox"/> 10	<input checked="" type="checkbox"/> 11	<input checked="" type="checkbox"/> 12
<input checked="" type="checkbox"/> 13	<input checked="" type="checkbox"/> 14	<input checked="" type="checkbox"/> 15	<input checked="" type="checkbox"/> 16

Fig1.1.1 Login

ID, password and Port have been set in the Network setup of DVR

Enable Overlay: If user's VGA card supports overlay function, the display performance works better with this option selected. Users have to disable this function unless user's VGA card supports it.

Enable Audio: If this option is selected, the live audio will be transmitted to the long-distance surveillance PC.

1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, and 16: The channel selected is displayed on the screen. If the DVR is 4-channel, please choose the channel from 1 to 4; if the DVR is 9-channel, please choose the channel from 1 to 9; if the DVR is 16-channel, please choose the channel from 1 to 16. If the user wants to see nothing but channel one, he/she can also choose channel one only.

After all the options above are collocated over, press "OK" button and the screen will display the live picture. The main menu of 4-channel and 9-channel is the same as 16-channel, the following picture takes 16-channel as example. (Fig1.1.2 Live surveillance)

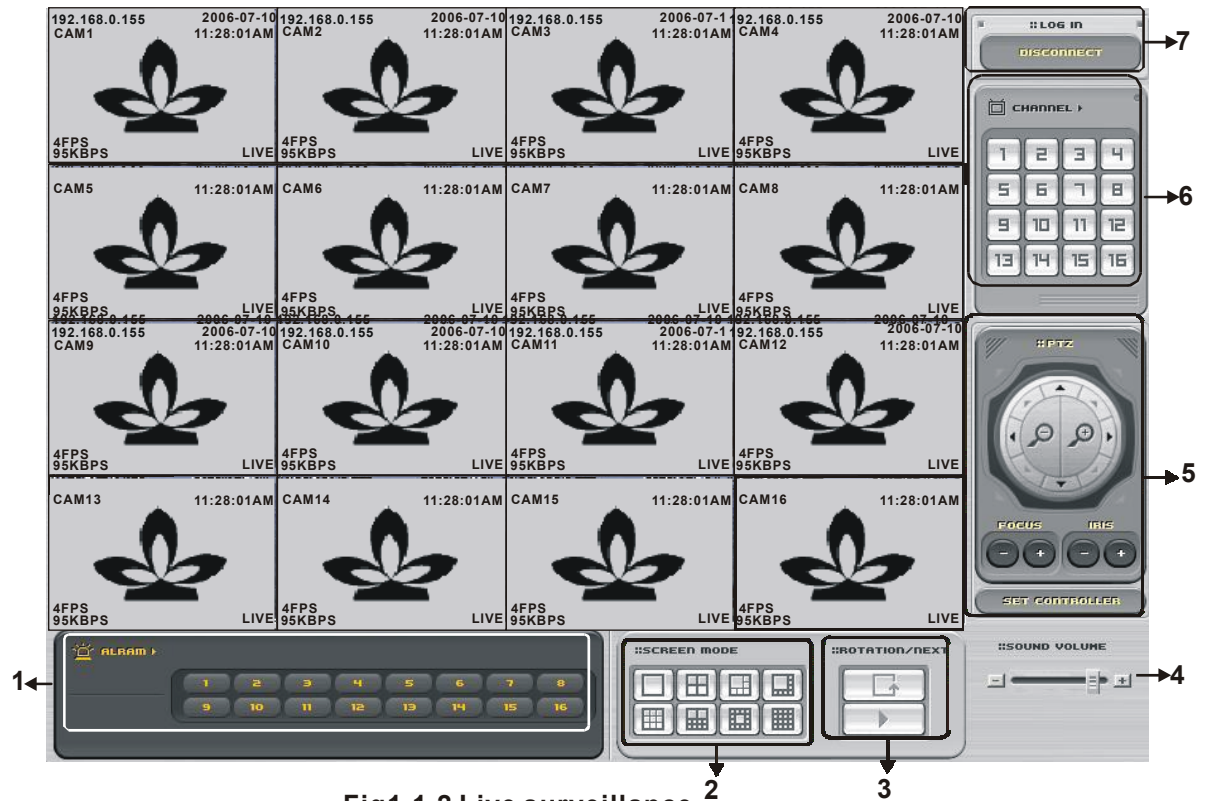


Fig1.1.2 Live surveillance

1.3 Particular operation of the IE Client

Alarm: If the DVR sends motion alarm, the channel name flashes on the screen and a word is displayed, “MOTION” (Fig1.1.3 Motion alarm).






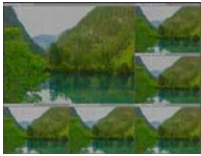

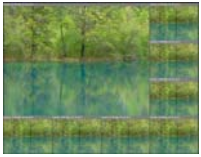
If the DVR sends sensor alarm, the channel name flashes on the screen and a word is displayed, “SENSOR”.


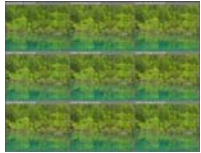



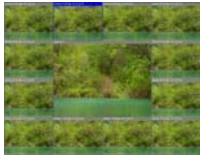




Fig1.1.3 Motion alarm

Screen mode: 

It enables the user to control the screen mode and size.

Button	Screen mode	Screen
	1-channel	
	4-channel	
	6-channel	
	8-channel	

	9-channel	
	10-channel	
	13-channel	
	16-channel	

Rotation/Next





: Rotation. If you press this button, the picture will be displayed from channel 1 to channel 16 in turn. This button will be in yellow when it is selected



: Next. Switch the pictures from current channel to next channel.

Sound volume





: The volume is from low to high when the bar is shifted from left to right. You can click the  and  or drag the bar to tune.

PTZ

With the PTZ camera, the user can change PAN, TILT, ZOOM, FOCUS and IRIS in remote site.





This button is for PAN/TILT and ZOOM adjustment. The button of  makes ZOOM-IN and the button of  is for ZOOM-OUT.



This button is for the FOCUS adjustment,  and  mean short and long each.



: This button is for the IRIS adjustment. If the light situation of the area where camera is located is too strong, press  to decrease volume of light, and the light situation of the area where camera is located is too weak, press  to increase amount of light.



: Press this button to set the PTZF (Fig1.1.4 PTZF setting)

Internal: If the PC is connected to the DVR in the same local area network, you have to choose **Internal** and do not need to reset the configuration.

External: If the PC is connected to the DVR through Internet, you have to choose **External** and setup the PTZF Controller and Address of each channel.

Channel: Choose the channel which is connected with speed dome camera.

PTZ Controller: Choose the PTZF protocol, which is the same as the protocol set in Fast speed dome and DVR. The protocol set in the PTZF PROTOCOL, which is the submenu of the LIVE menu in the DVR.

Address: Choose the PTZF address, which is the same as the address set in Fast speed dome and DVR. The address set in the PTZF ID, which is the submenu of the LIVE menu in the DVR.

Take the channel 1 as example:

If the PTZF protocol set in the DVR is PELCO_D-2400, it means that the protocol is PELCO_D and the baud rate is 2400kbps. If the PTZF ID set in the DVR is 01. Press the "Add" button to save the configuration, the PTZF setting is as fig1.1.4 PTZF setting showing.

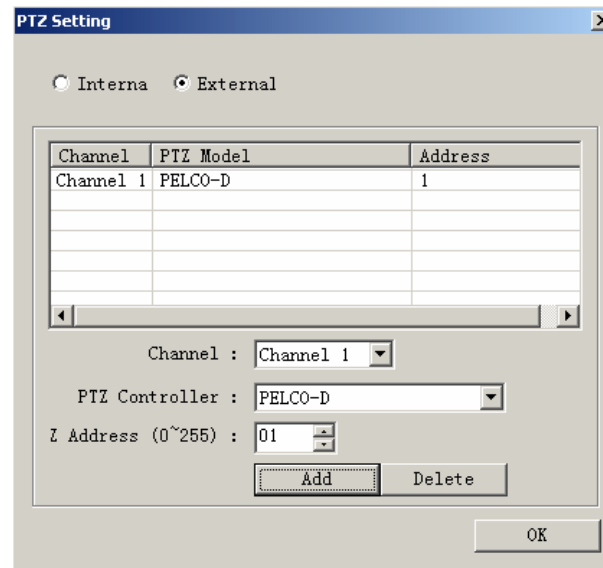


Fig1.1.4 PTZF setting

In the same way, the protocol set in the Fast speed dome should be PELCO_D, the baud rate should be 2400kpbs, and the address should be 01.

Channel

You can choose the channel directly which you want to see through the number button from 1 to 16.

□ **Disconnect/Connect**



: Press this to terminate the connection between DVR and the IE client.



: Press this button to regain the connection between DVR and IE client.

☞ **Attention:** These two buttons do not appear at the same time. When “Disconnect” shows, it means the IE client is connected with DVR, when “Connect” shows, it means the IE client not connected.

2 Remote software operation

Remote software refers to Network Client, hereinafter abbreviated as “Net Client”

Function:

- Live video and audio;
- Remote PTZF control;
- Remote playback and record.

2.1 Main screen and the buttons description

The main menu of the 4-channel and 9-channel are the same as 16-channel, the following picture takes 16-channel as example:

NETWORK CLIENT [HOST:none] Local:PlaybackID:3cherryA2104W-ManuarBackup-viewer\20060619_131000_nHWV.ps]

CAM1 2006 07 10 10:52:14	CAM2 2006 07 10 10:52:14	CAM3 2006 07 10 10:52:14	CAM4 2006 07 10 10:52:14
CAM5 2006 07 10 10:52:14	CAM6 2006 07 10 10:52:14	CAM7 2006 07 10 10:52:14	CAM8 2006 07 10 10:52:14
CAM9 2006 07 10 10:52:14	CAM10 2006 07 10 10:52:14	CAM11 2006 07 10 10:52:14	CAM12 2006 07 10 10:52:14
CAM13 2006 07 10 10:52:14	CAM14 2006 07 10 10:52:14	CAM15 2006 07 10 10:52:14	CAM16 2006 07 10 10:52:14

NETCLIENT

10

1CAM 4CAM 9CAM 16CAM

9

1	2	3	4
5	6	7	8
9	10	11	12
13	14	15	16

6 7 8

6 7 8







SNAPSHOT CONNECT OPTION



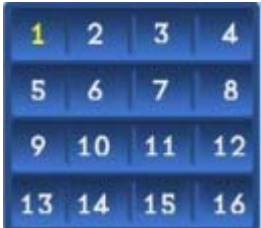

VOLUME 5

FILE NAME

1 LIVE
2 R-PB
3 BACK-UP
4 L-PB

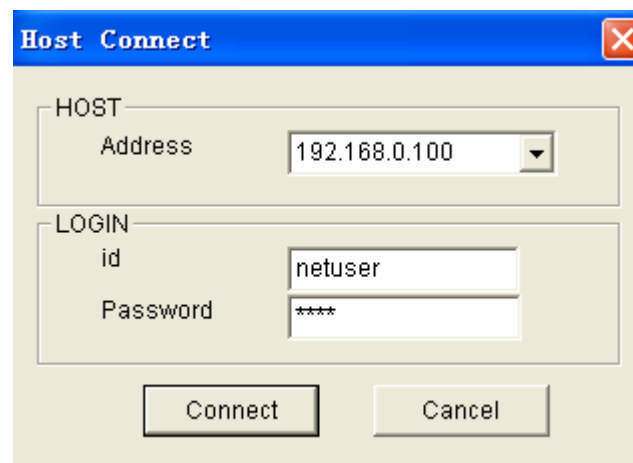
The button description:

Number	Icon	Description	Function
<input type="checkbox"/>		Live control	Press this button to view the live picture of the DVR, and the user can control the PTZF equipment in the same time.
<input type="checkbox"/>		Remote-playback	Press this button to playback the record in the DVR via network.
<input type="checkbox"/>		File backup	Press this button to backup the file from the DVR to computer.
<input type="checkbox"/>		Local-playback	Press this button to play the file in the mobile disk or local disk of the computer.
<input type="checkbox"/>		Volume Control	Adjust the volume.
<input type="checkbox"/>		Snap shot	Catch the picture of the record.

<input type="checkbox"/>	 <p>CONNCT DISCONNECT</p>	Connect/ Disconnect	Connect/disconnect the connection between DVR and Net Client.
<input type="checkbox"/>	 <p>OPTION</p>	Option	Setup the options, such as: control port, initial mode, and audio connect.
<input type="checkbox"/>		Select Channel	Choose the desired channel.
<input type="checkbox"/>	 <p>1cam 4cam 9cam 16cam</p>	Select display mode: full screen / Quad / 9-channel / 16-channel	Choose 1CAM to view the full display of the channel selected, choose 4CAM to view quad displayed in the full screen, choose 9CAM to view the live picture of 9 channels in the full screen, choose 16CAM to view the live picture of 16 channels in the full screen.

2.2 Connection

(1) Click “connect” icon in the main window of the Net Client to enter the connection setup menu.



The image shows a dialog box titled "Host Connect" with a blue title bar and a red close button. It contains two sections: "HOST" and "LOGIN". The "HOST" section has a label "Address" and a dropdown menu showing "192.168.0.100". The "LOGIN" section has labels "id" and "Password". The "id" field contains "netuser" and the "Password" field contains "****". At the bottom, there are two buttons: "Connect" and "Cancel".

(2) Input Address & ID / Password.

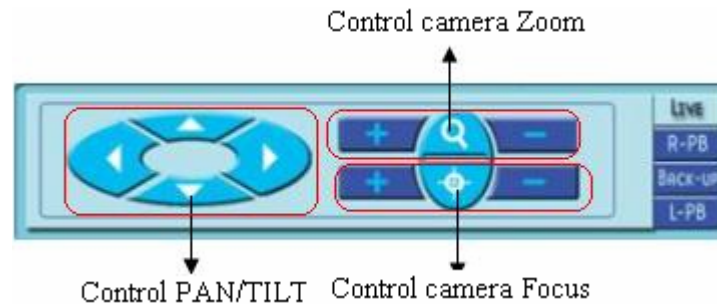
The address is the IP address of the DVR, which is set in the TYPE menu, which is the submenu of the NETWORK menu of the DVR.

The ID and the password are set in the NET CLIENT ID, which is the submenu of the NETWORK menu of the DVR. Besides the four sets of the ID and password, the user can use “Netuser” as ID, the corresponding password is set in NET PASSWORD menu, which is the submenu of the NETWORK menu of the DVR.

(3) Then, click “Connect” button.

2.3 Live

Press LIVE button in the main window of the Net Client, the live picture would display in the screen and the PTZF control button displays at the same time, whose meaning is showing in the following picture.

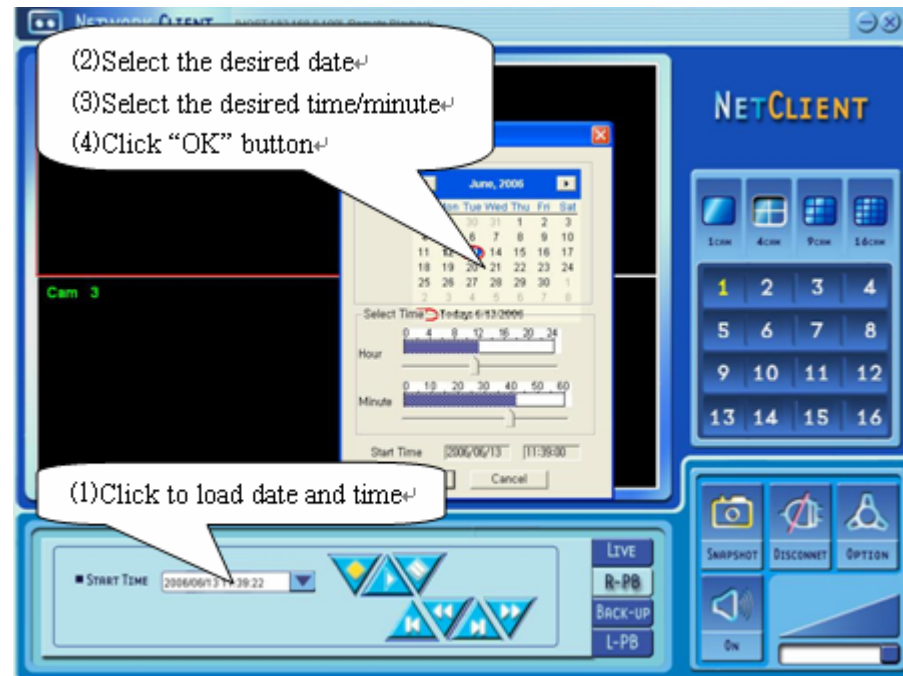


PAN/TILT controller: Click the direction button to swing the Fast speed dome. For example, click leftward button, the camera of the Fast speed dome will swing to left.

Zoom controller: Click the “+” button to zoom in and click “-” button to zoom out.

Focus controller: Click “+” button to lengthen the focus and click “-” button to shorten the focus of the camera.

2.4 Remote playback



And then, use the following button to control playback.



: Stop



: Pause



: Reverse by frame



: Fast forward



: Play



: Fast Backward



: Forward by frame



Attention:

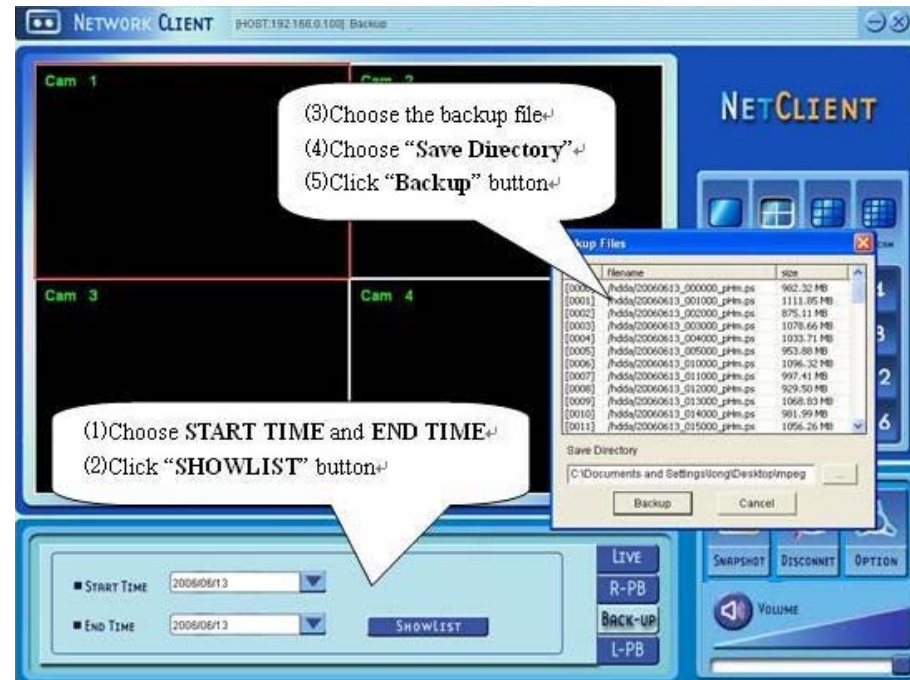
The date is around by red line is today;

The date which had record is shown as **boldface**.

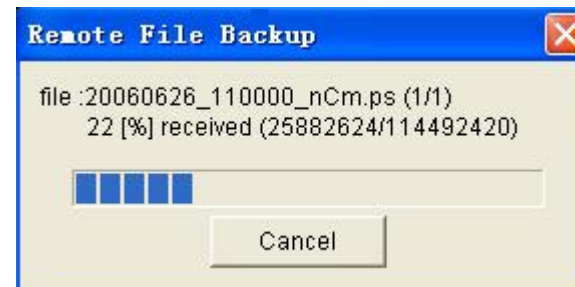
The time which had record is shown as the design of blue alternate with white

grillwork below the hour and minute axes.


2.5 Backup



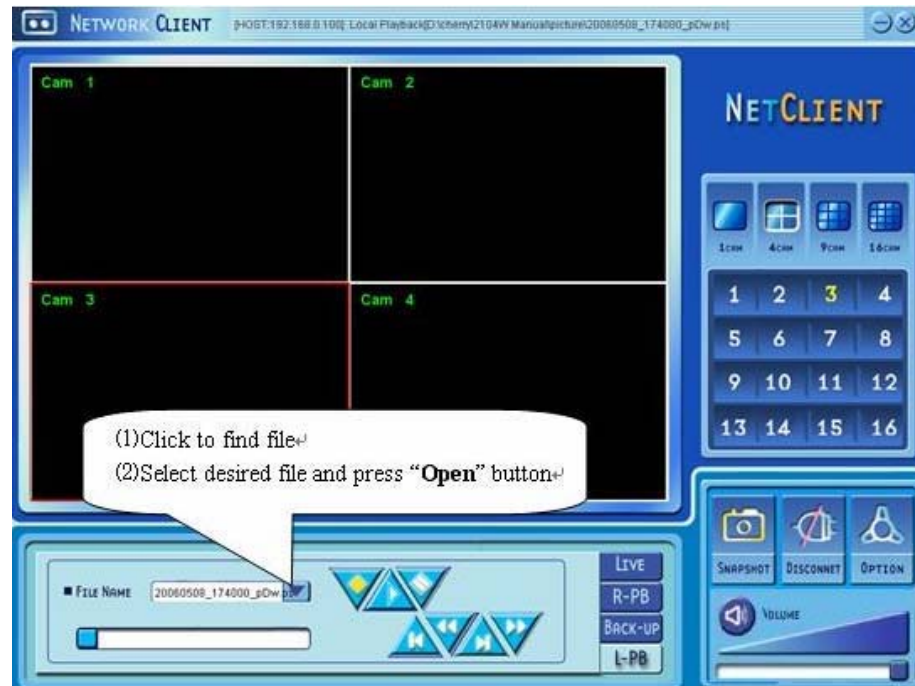
And then, a dialogue box pops up and the backup begins.




The backup file name, backup progress and the size of the backup file are shown in the dialogue box. When the backup progress is over, this dialogue box will disappear. The backup file is the special format which can be played by the Net Client only.

 **Attention:** The speed of the network and the size of the backup file decide the length of the backup time together.

2.6 Local playback



 **Attention:** This function can be used not any in network, but also in stand-alone;

The file recorded by this DVR is postscript file, whose suffix is “.ps”. Any postscript file in the HDD or CD/DVD can be played back, containing the HDD or CD/DVD driver connected to ATA and USB interface of computer.

2.7 Volume Control



: The audio is disabled.



: The audio is on. The volume is from low to high when the bar is shifted from

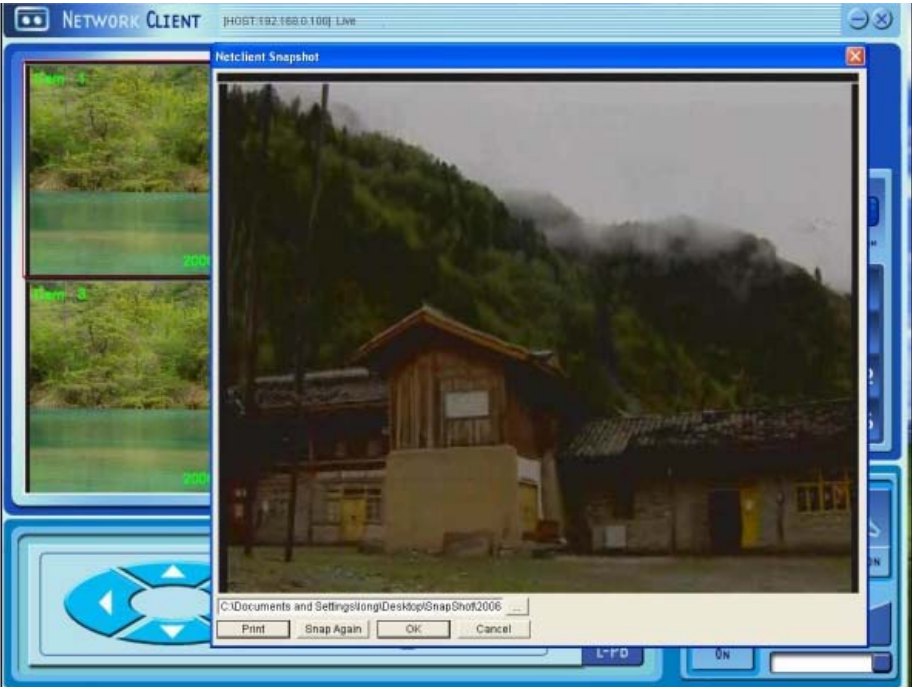
left to right.

2.8 Snap shot



: Capture the picture of the record and the live picture.

- Select the channel whose picture is ready for saving or printing first.
- And then, press the “Snapshot” button. A window pops up for saving or printing. The user can select directory to save, and also print it directly. If you want to snap the next picture, please press the “**Snap Again**” button.



2.9 Option



Press  button to setup the “**control port**”, “**stream port**”, “**initial mode**” and “**audio connect**”.



Control port/stream port: The port must be set as the same with the DVR, and these ports should be opened.

Initial mode: If the DVR is 4-channel, please choose 4; if the DVR is 9-channel, please choose 9; If the DVR is 16-channel, please choose 16.

Audio connect: Only this option is chosen, there is audio output in the Net Client.

2.10 Disconnect and exit




When the connection to DVR has been built up, the  button is changed to  button. If you want to disconnect the connection, press this button. A dialogue box pops up——“Are you sure?” Press “**Yes**” to disconnect, press “No” to return to the previous menu.



Click  button to exit this client program. A dialogue box will pop up——“Do you really want to Exit?”

(Y/N)". Press "Y" key on keyboard or click "Yes" button to exit. Press "N" key on keyboard or click "No" button to return to the main menu.

 **Attention:** These two buttons do not appear at the same time. When "Disconnect" shows, it means the net client is connected with DVR, when "Connect" shows, it means the net client not connected.