



# User Manual for Mult-client System





# 1 MULT-CLIENT Introduction

Multi-client is specially designed for DVR remote monitoring. It can support many DVR monitoring synchronously and realize remote DVR management such as remote live view, remotely configuration, and search and playback record files remotely.

## 2 Main Features

- I Live view, playback remotely for multi-channel synchronously
- I Group management for all the DVR connecting to MULT-CLIENT
- I DVR GUI setting remotely
- I Video search playback and backup remotely.

## 3 Working Environment

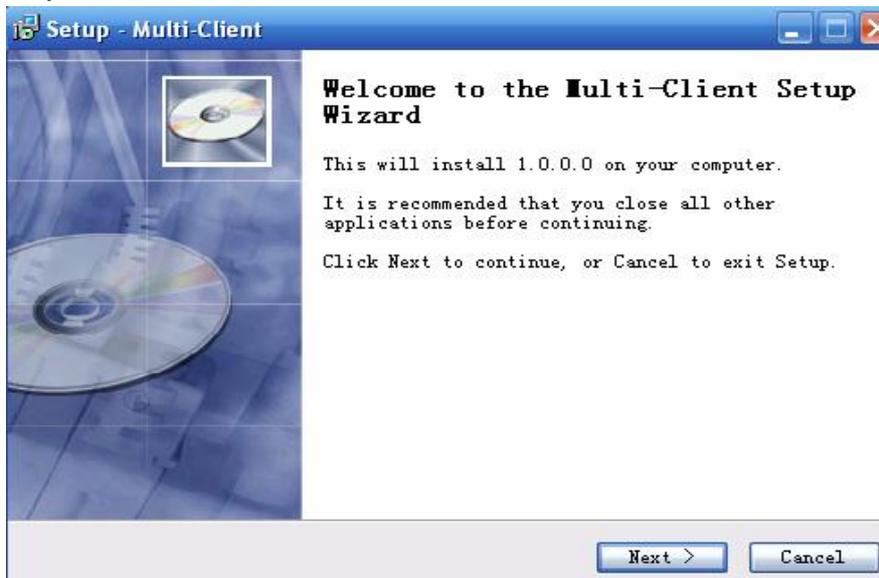
Remote Management System runs under the WIN98/2000/XP. Resolution is 1024\*768, supporting DirectX above 8.1.

## 4 Installation Guideline



Please click MULT-CLIENT installation program and

then just need click next to finished installation, as follow:



## 5 MULT-CLIENT Screen Instruction

When you double click icon, then you will get the follow interface, just need to input user name>>>admin to login, after you login successful, you will access to the main interface.



1. **Image Display Windows:** Display maximum 16 channels. The displayed channel quantity can be changed by click split icon in the corner of the main interface.
2. **Windows Display Status:** The correspondent button will be blue if the window is opened. Otherwise, it is grey.
3. **PTZ Control:** Remote control PTZ
4. **Operation Prompt and Net Transfer:** Display the operation log for MULT-CLIENT and MULT-CLIENT version number and network flux

5. **Control Bar:** Display all parameter setting buttons.
6. **Valid Channel List:** for the currently-chosen channel. Double click to open the channel.
7. **Device List:** open the image of each device conveniently. Double click the device name to pop up the dialogue box and select the channel No. and image type to open the channel.

## 6 Operation Instruction

### 6.1 Startup



After you installed MULT-CLIENT program success, it will display an icon on desktop and please double click it displaying the operation interface as follow



### 6.2 EXIT



Press  icon on the right corner of main menu and exit from the MULT-CLIENT

## 6.3 Main Menu Detailed Instruction

### 6.3.1 Control Button Operation

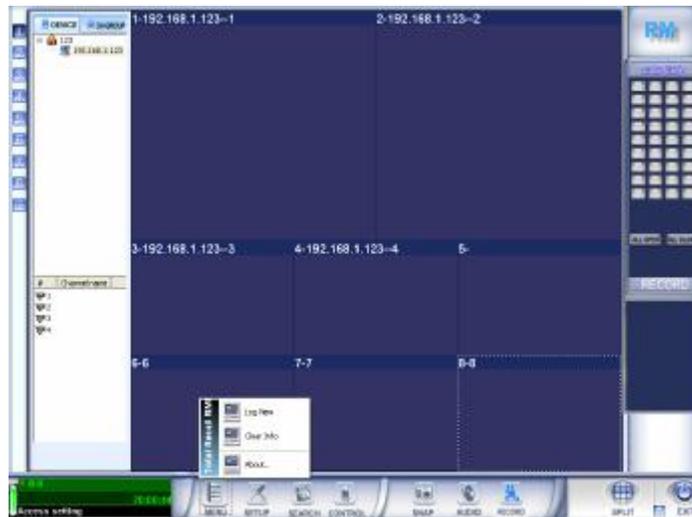
Including MENU, SETUP, SEARCH, CONTROL, SNAP, AUDIO, RECORD, SPLIT and EXIT.



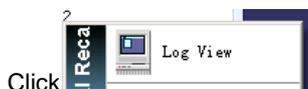
#### 6.3.1.1 MENU



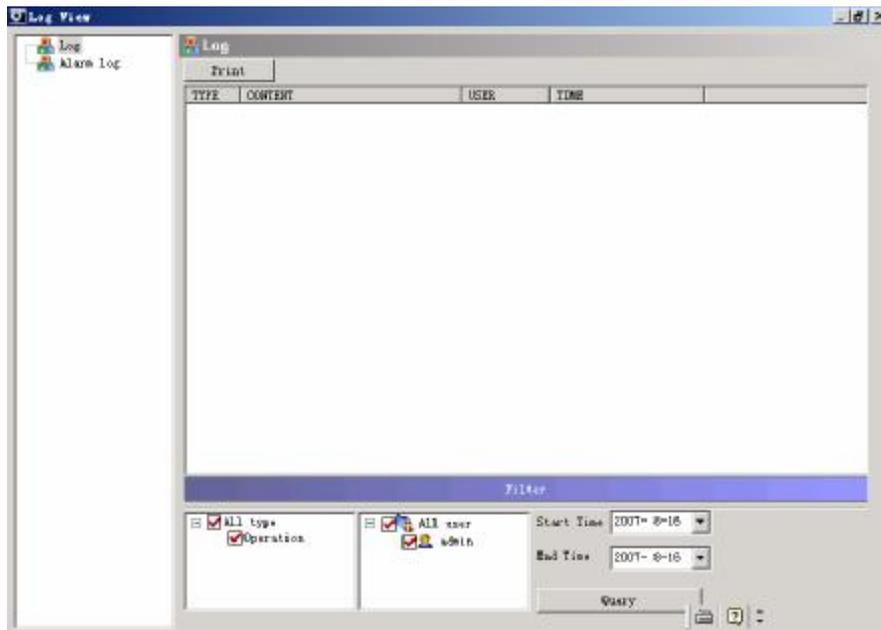
Press  icon. Then the following interface will pop up



#### Log View

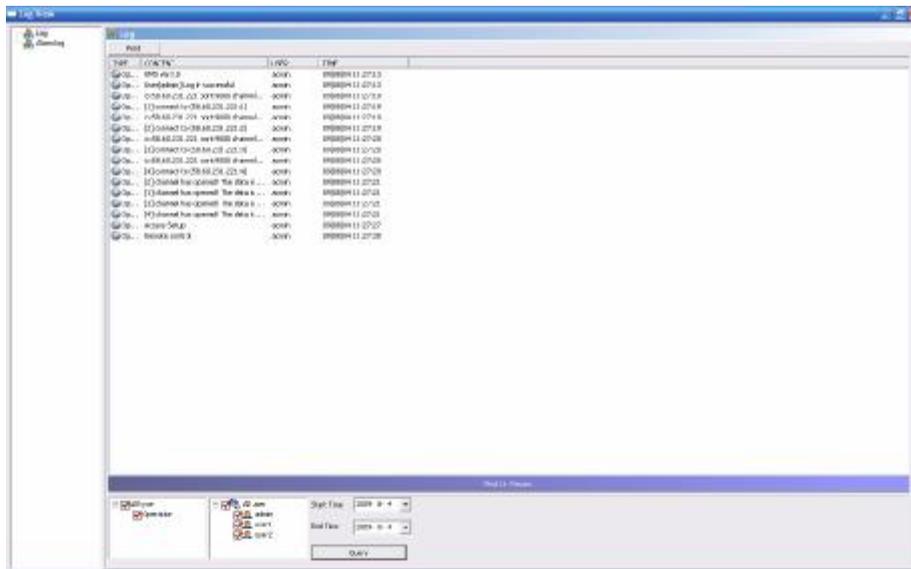


Click  icon and then the following interface will pop up.



Log interface displays the type of log, content, user, time of the file. The file could be printed out.(print what display). And Start time and End time is the time of log.

### Alarm Log

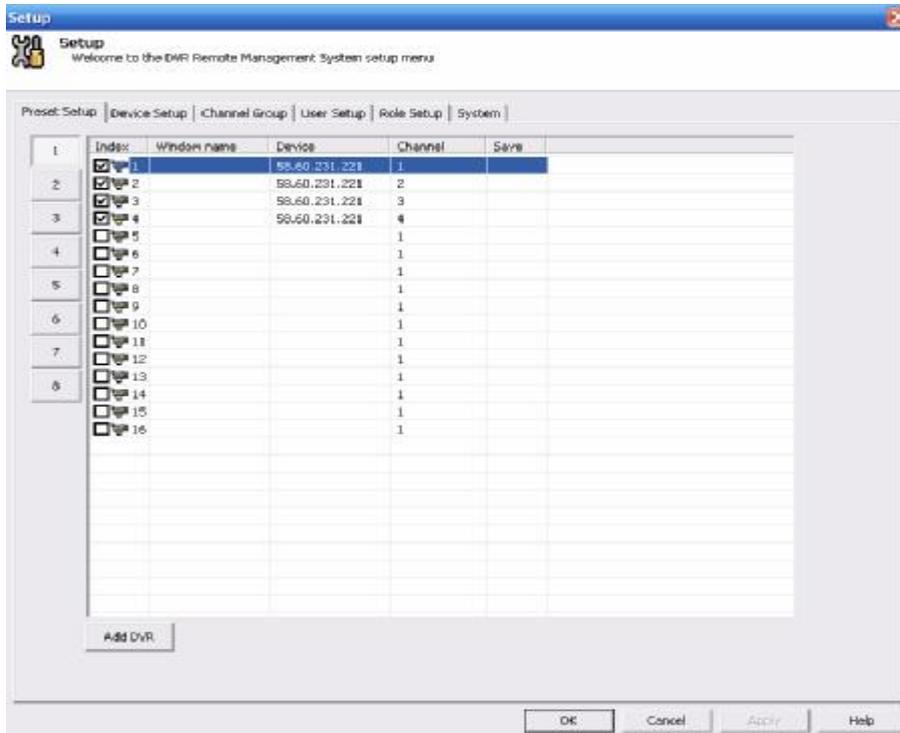


The log for alarm event from sensor of DVR

### 6.3.1.2 Setup (Window Setup, Site Setup, Channel Group and System)



Click  icon, then the following interface will pop up.

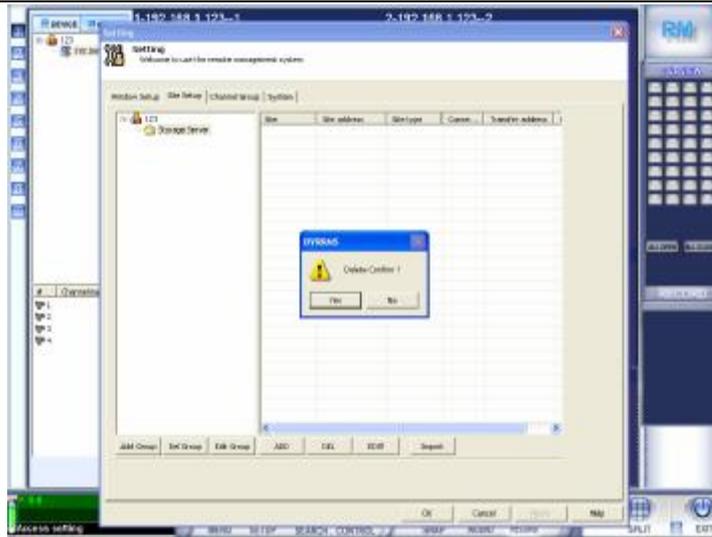


### Device Setting

**Add Group:** Press Add Group, it will show the following: fill in the Group Name, and press OK to save the setting.



**Del Group:** Press Del Group, it will show the following: Press Yes to delete the group.



 Must delete all the site information under the group, then could delete the group

**Edit Group:** Press Edit Group, it will show the following: fill in the information of edit and then press OK to save all setting.



Press ADD button, pop-up the setting window as following: input the site in the site pane.



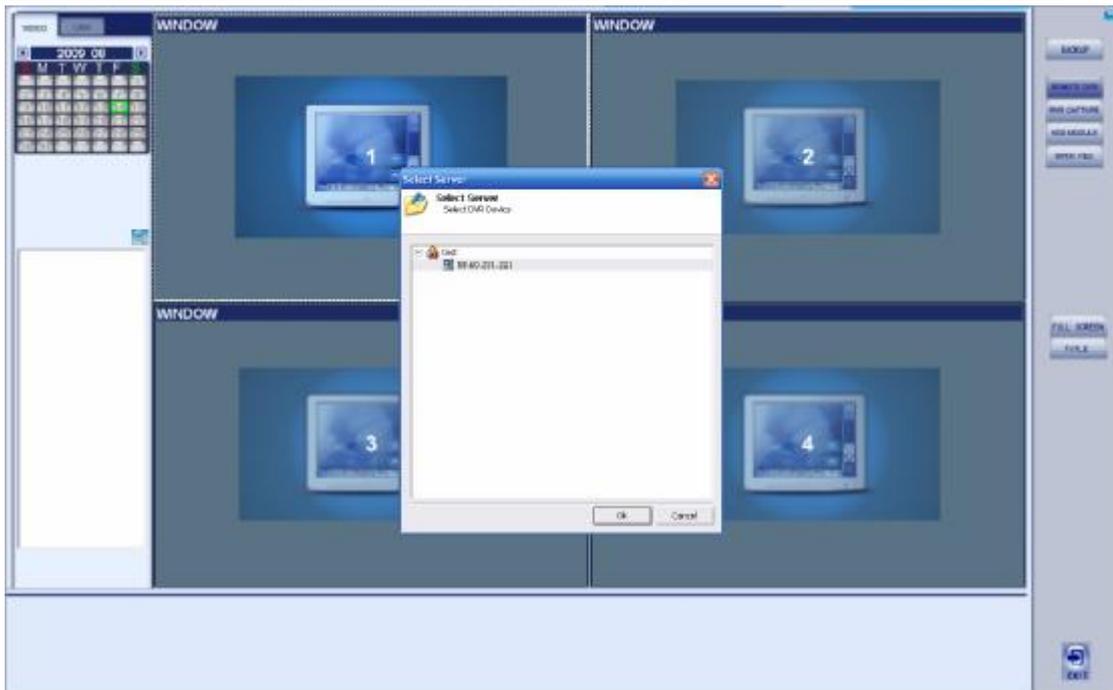
want to connect, and then it will pop-up a window, just click ok, if the configuration is correct, and network is ok, it will display the live view of DVR.



### 6.3.1.3 Remotely Search

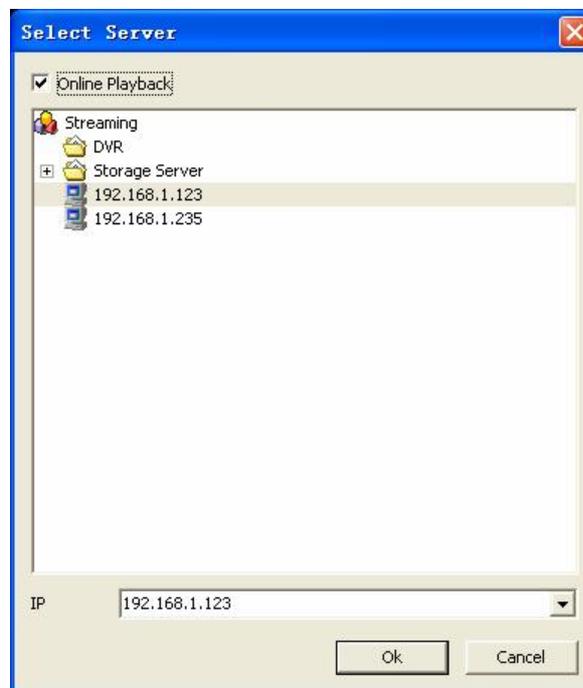


Click **SEARCH**, enter in to playback interface.



### Search for the Video

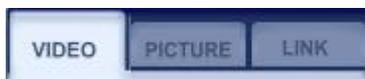
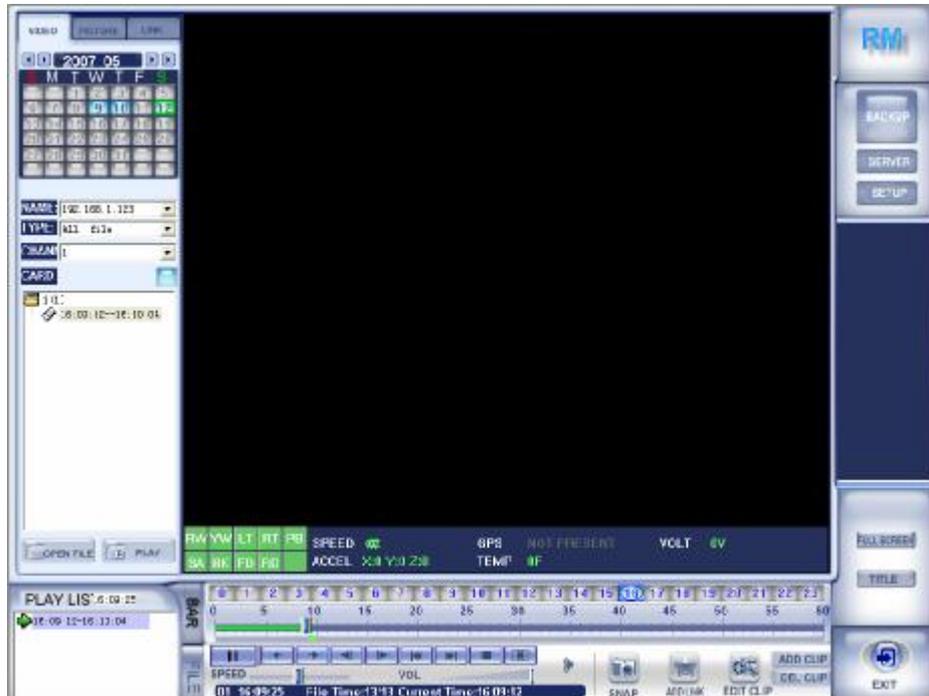
When you enter into the interface, please select the IP of the DVR you want to connect, if connect success, you will find the record files list on the left side. If can't connect to the DVR, it will remark you that there is connection error.



After selecting, it will prompt that connection is successful (please check the configurations if connection is not successful); then select the station again, click the  icon on the top right corner.

Double click to enlarge the window, or enlarge it to full screen by click the right key on the mouse and select corresponding item when the image window is opened.

Please see the main index interface as below:



3 modes: VIDEO / PICTURE / LINK.

- I VIDEO: playback video;
- I PICTURE: play the images snatched;
- I LINK: can play the video files which is collected in the collection folder, it is something like shortcut, which permits quick locating.



I Date selection, you can change year/month/date via those 4

buttons , when you click a numeric icon; it means you have selected one certain date, and then you can set a period manually in the configuration box under the numeric areas.



- I NAME: select the name of the stations;
- I TYPE: all files, normal recording files, Alarm recording files, sensor triggered recording files, card number recording files;
- I CHANNEL: select recording files classified with channels;
- I CARD: select files according to the card numbers set on the passenger public vehicle card.

After selecting the TYPE, the files match the qualification will be laid out in the list box below; the recording files is sorted by channel number, the channels with recording files will be listed. (As an example, only channel has recording files, so it's listed), the data in the bracket shows the total file number (37 files in this case).

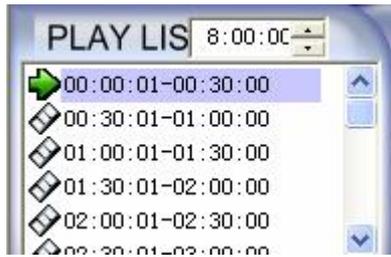


: open recording files which are saved in local disk;



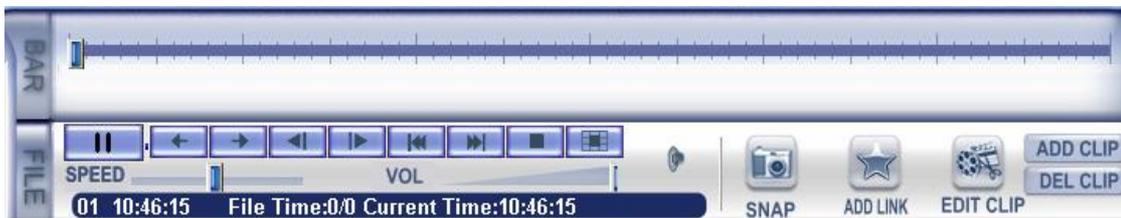
: show play list, select the recording files you want to playback.

### Play List:

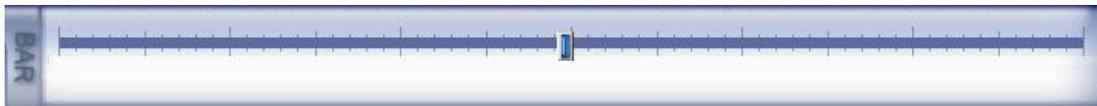


Select a channel node, and all the recording files of this day will be shown.  
 If you just select one file, only the period of the file will be shown.

**Play buttons:**



You can adjust the specific time of the recording file (hour/minute/second), you can make this adjust by press 'upward' and 'downward' buttons on the keyboard, or by click the 'up' or 'down' arrow icons in the text box.



You just click or drag the slide block on the procedure bar to go to some specific time point.

**Function description of the play tools bar:**

Menu	Icon	Function
Play		Begin to play
Pause		Pause of the playing
Start point of the file		Put the procedure bar to the beginning point
End point of the file		Put the procedure bar to the ending point
One frame backward		Withdraw one frame and pause
One frame forward		Forward one frame and pause

The previous file		Play the previous file
The next file		Play the next file
Stop		Stop playing
Loop		Select the loop play period and time,



Adjust the play speed of the window;



Adjust the volume;



Sound: open or close audio frequency decodes;



Snap Shot: select the window and snap shot the picture, and then save in local catalogs;



Add Link: Add the pictures opened to the collected folder, to make it convenient of the index later;



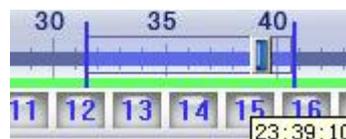
Edit Clip: Edit the recording segment, in order to make it more convenient of reserving the files (User is allowed to edit recording files of any period of time, no matter whether the file is or not the same one);



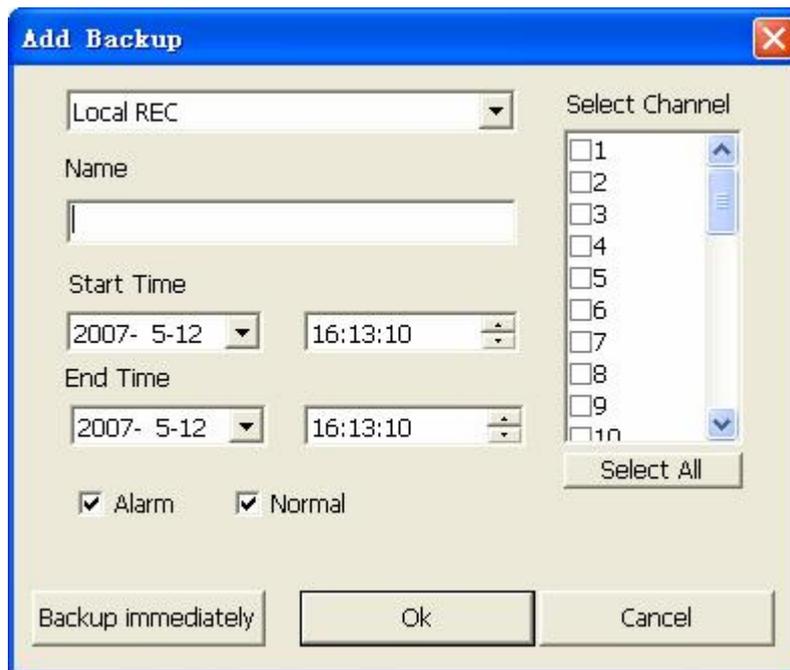
ADD CLIP/DEL CLIP;

### ADD CLIP

Open the video file that need to be edited, active the screen, when the file is played to (or drag the procedure bar to) the point that you want to start the edit, click the 'ADD CLIP' button. Then when it plays to the point that you want to finish the edition, click 'ADD CLIP', you can see two blue line segments at the beginning and ending points, which present the edition range. Please see below:



Add the beginning and ending points, click the  button in control button area, and it will pop up the following dialog box.

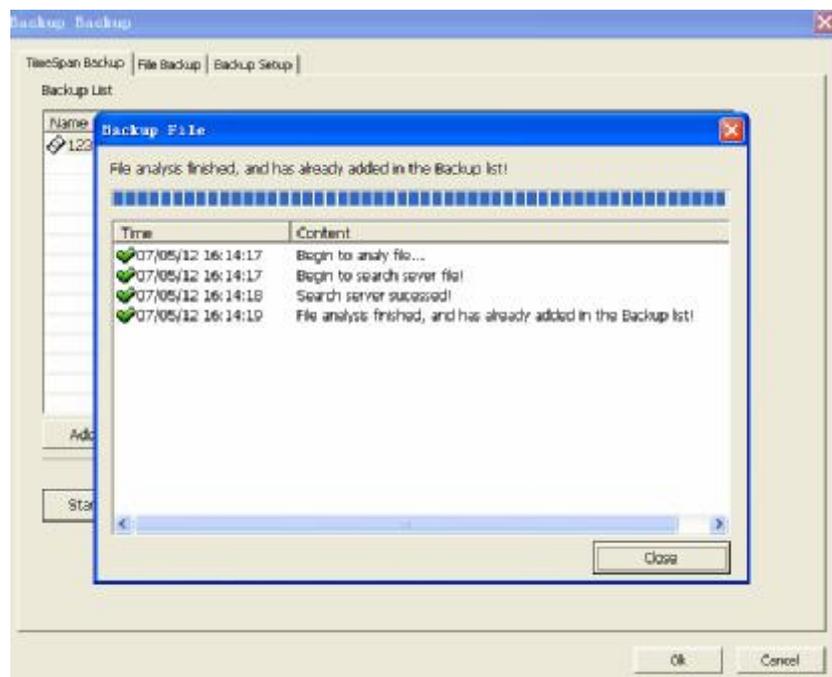


**Name:** give name to this clip segment, the beginning and ending time is generated automatically;

**Alarm and Normal:** select the recording type of the term;

**Select Channel:** it could be chosen automatically in common or chosen manually;

Press **“Backup immediately”**: will show as following:



Or click 'Ok' to add the clip into the backup list.

## Backup management:



Add backup segment according to the method, then click  to open backup window.



Inside 'Copy list' table, there are clip segment, you can click 'Add..' button to add other recording segment. You will need to input the name of the clip segment and the beginning and ending time point, and select the channel need to be clip. You can manage the backup list by using 'revise' and 'Delete' buttons; also 'Import' and 'export' is for convenience of the management.

Click 'Start Backup' button, and then you will see the process of the backing and the information of backup successfully.



SETUP: check the downloading information of the backup files;



SERVER: the server selected that supports you when you need to look for (index) some recording files;

Color configure: drag the adjust blocks to modify the brightness/ contrast/ saturation/ chroma, in order to optimize the display effect;



FULL SCREEN: enlarge the window size to occupy the full screen;

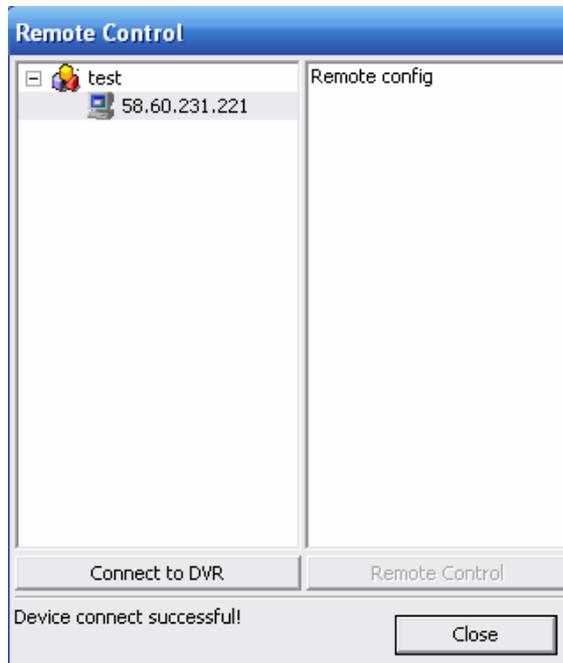


TITLE: to display the names of all the windows.

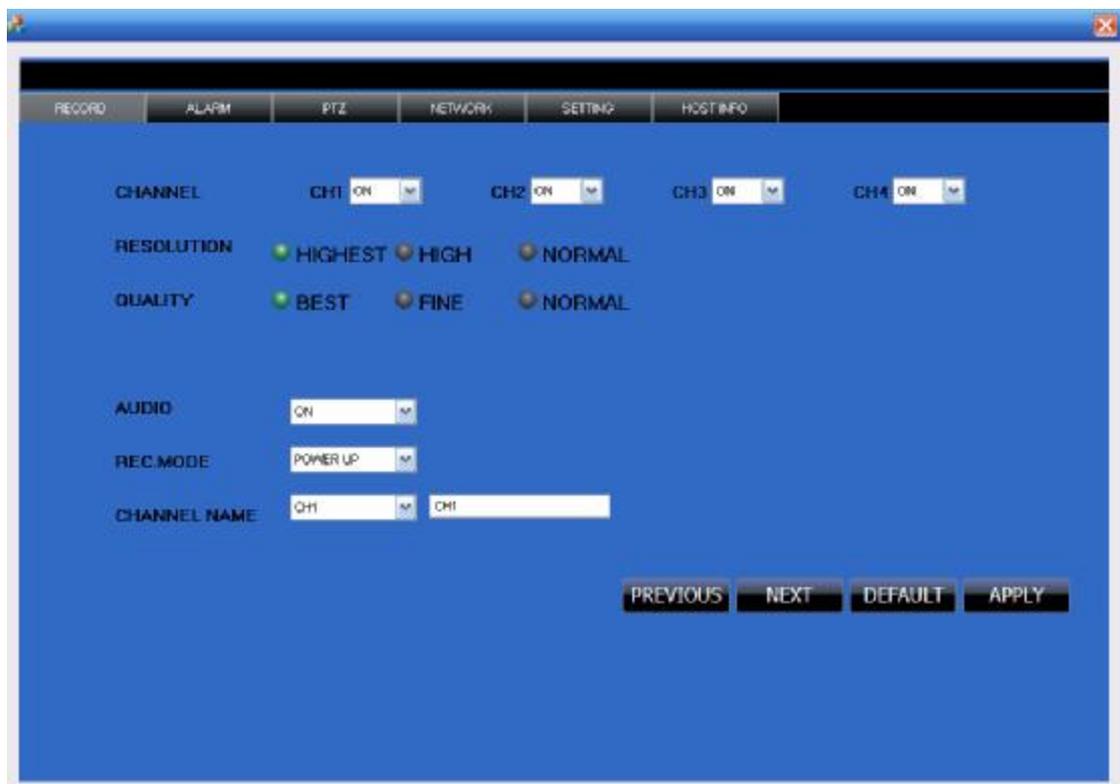
### 6.3.1.4 Control



Press  to open the remote control window:



Select one DVR and click **【Connect to DVR】**. After connecting successful, then could make the remote setting, as follow, it is the same as IE configuration, so the config details please check in GUI manual.



### 6.3.1.5 SNAP



Press **SNAP** button to snap current channel image, and save in the pre-set directory.

### 6.3.1.6 AUDIO



Press **AUDIO** button, open/close the dual dial function.

### 6.3.1.7 RECORD

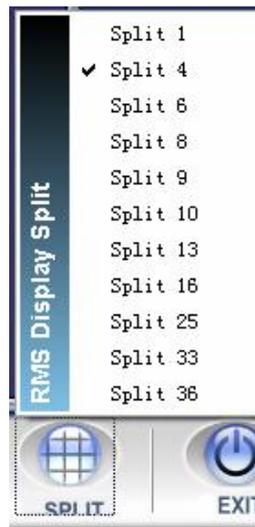


Press **RECORD** button. It will record image which is viewing.

### 6.3.1.8 SPLIT



Press **SPLIT** button. It will show the following picture:



There are 11 options, select according to the requirement.

### 6.3.2 Window Display Status



- I **【LIVE VIEW】**: Click the grey button to open/close the window directly, If the channel is opened, the correspondent button is blue. Otherwise, the button is grey.
- I **【RECORD】** : Click the grey button, If the channel is opened, the correspondent button is blue. Otherwise, the button is grey.

### 6.3.3 PTZ Control Bar



- I Auto/Curser: Control the PTZ work around automatically or manually
- I Aperture: Adjust the aperture, namely the height of PTZ
- I Focus: Adjust focus
- I Zoo: Adjust the zoom for PTZ
- I Bush: Start/Close bush function
- I Light: Start/Close light

### 6.3.4 Network Stream and Operation Information



Sss-1 means this information from the DVR named sss and its channel 1. MULT-CLIENT Ver9.0 is the version number for MULT-CLIENT and the latest operation log for MULT-CLIENT.

### 6.3.5 Image Display Interface

Image window of the main screen, click right when pointing any image window, then sub-menu will pop up

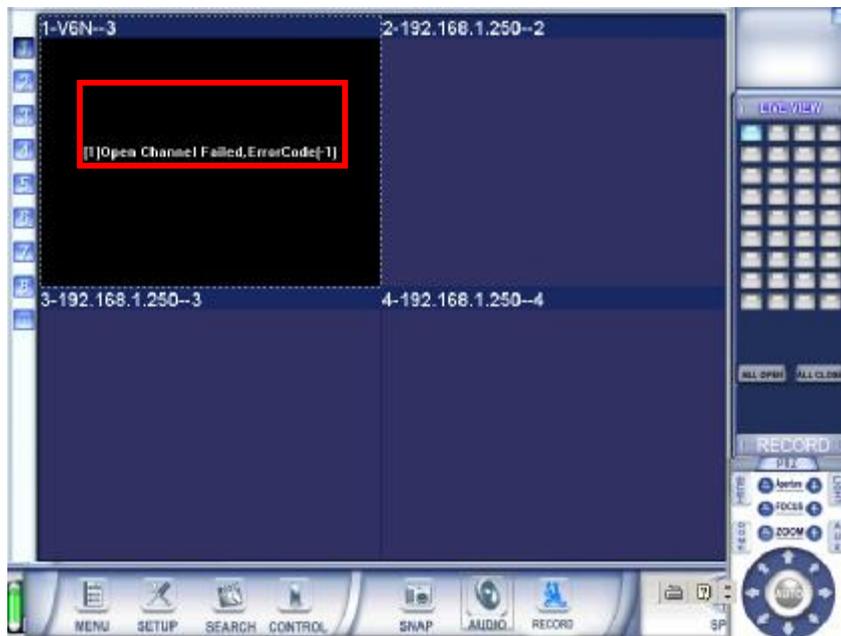


#### A) Open window

Open window means to open the selected window to view the live-real image. If the connection for DVR is correct and network can work fine, then you can see the live view from the camera that you want to see the live view from. You can choose open all or just open signal window, if you choose all (open all), then you can see the live view from all the cameras connected to the DVR (If all the channels of DVR connect camera).



If the connection of DVR or the network has some problems and then MULT-CLIENT will give you prompt for error as following.



If the connection for DVR is correct and the network can work fine, and you can ping the DVR IP by MULT-CLIENT server, but you can't see the live view from camera, in this situation, please check the media port 9000 whether has opened, as well as the settings for software connection.