

ChateauXP

ChateauRT

ChateauIV

ChateauRT4

User's Manual

FCC (Federal Communication Commission) Notice

This equipment has been tested and found to be in compliance with the criteria for Class B digital devices as referred in Part 15 of the FCC Rules. The FCC Rules are designed to provide reasonable protection so that equipment complying with those criteria will not cause harmful interference when installed indoors. This equipment may generate radio frequency energy and, if not installed in accordance with instructions, it could cause harmful interference to wireless communications. However, certain installation in special way may also cause interference. If this equipment causes interference to the reception of radio and television, users shall eliminate the interference by using any or several of the following measures:

- **Reorient and relocate the receiving antenna.**
- **Increase the distance between the equipment and receiver.**
- **Connect the equipment to an outlet on a different branch circuit from the receiver**
- **Seek help from a dealer or an experienced radio/TV technician.**

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INTRODUCTION

Chateau Digital Video Surveillance System is an all-in-one system that integrates various functions including monitoring, video recording and playing, alarming, controlling and remote monitoring. **Chateau** transfers recorded image signals into digital signals and, after compression, save them in the hard disk of PC. With many years' efforts, we have successfully applied **SMICT** (Super Motion Image Compression Technology) to this system. The super data compression ratio makes it possible to save image data in the limited hard disk of PC for weeks or even for months.

Although the **SMICT** (Super Motion Image Compression Technology) provides the extra high image compression ratio, the image quality is not affected because of the increased compression ratio. Small volume of data enables it to transmit images through limited bandwidth (narrow band) transmission media (e.g. MODEM) at a better performance than normal. **SMICT** may be currently the only image compression technology specifically developed for the security market.

Chateau system has the following features:

- **Hardware Specification:**
 - VG4C-XP and VG4C-XP-V: Each card supports 4 video inputs and 2 audio inputs.
 - VG8C-XP-TV: Each **VG8C-XP** cards support 8 video inputs and 2 audio inputs and one video output to show 8 images on the 9 split window on a TV monitor.
 - VG4C-RT and VG4C-RT4: Each card supports 4 video inputs and 4 audio inputs.
 - VG8C-MP4: Each **VG8C-MP4** cards supports 8 video inputs and 8 audio inputs.
- **Multi-card design architecture:** One PC supports up to 1~16 video inputs and up to 16 audio inputs. (**VG4C-XP and VG4C-XP-V:** A maximum of 9 audio inputs; **VG8C-XP-TV:** A maximum of 5 audio inputs. Include Mic-in from the sound card)
- **SMICT** (Super Motion Image Compression Technology) with high video compression ratio provides superior image quality and long recording time. (VG4C-RT is using the DSP IC for SMICT compression technique; VG8C-MP4 is using the ASIC IC for MPEG4 compression technique; VG4C-RT4 is using the DSP IC for H.264 compression technique).
- Adjustable image sizes, quality and recording speeds.
- Support High Quality recording mode (HQ) for better recording image quality.
- Image data can be stored onto all of hard disk drives that are installed in a computer.
- Provides up to 16 audio channels to operate with the cameras for audio recording or playback. When audio recording, the audio input on the VG card can playback the real time audio.

- Support Webcam function. User can remote monitoring using IE browser. (This function can only be supported for the software version V2.xx or later. Software version V1.xx will not be supported. Please note, this is only for remote monitoring function, not remote recording function).
- Intelligent real-time motion detection and alarm functions.
 - Adjustable sensitivity of motion detection
 - Motion detection triggering local alarm
 - Motion detection triggering remote alarm (dialing out to a telephone, a pager or a remote **Chateau** system)
- Individual alarm setting for each camera
- Pre-alarm function will only be functioned when recording all time.
- Every input port for the cameras can program alarm schedule.
- Alarm log
- Scheduled recoding
- Recyclable recording
- Quick search for the stored video files
- Full playback functions
- The following functions may be performed through PSTN, LAN, Internet or Intranet: remote monitoring, video recording, PTZ control, output port control, searching and downloading video files.
- My Channels Function. This function can show the appointed camera from different hosts on the same screen for monitoring. Using of this function can select the required remote images (A maximum of 16 images) to arrange in the appointed location to remote.
- Auto Scan function for My Channel. Auto scan function can be performed within different my channel setting when one or more “My channel” is set.
- Snapshot at recording, playback or remote monitoring.
- Output port (Device) control and input port (Sensor) detecting.
- Control of the traditional PTZ and high speed dome camera
- Dome Camera: preset control
- Dome Camera: auto-pan control
- Dome Camera: cruise of preset positions (with programmable stay time at each preset position)
- Input sensor triggered the preset position of the dome camera.
- Video Lost Alarm.
- Superb multi-functions:
 - Simultaneous remote monitoring and control on different remote site
 - Simultaneous remote monitoring and control by different remote site
 - Simultaneous receiving of different cameras triggering alarms
 - Simultaneous playing of several image files
 - Simultaneous watching of several pictures
 - Simultaneous performance of all the foregoing functions
- Watermark function. (Only **VG4C-XP**, **VG4C-XP-V** and **VG8C-XP-TV** support this function).
- E-mail function. When alarm triggered, alarm information, attachment video files or snapshot can be sent through E-mail.

- **ChateauServer's** IP management function can set the IP addresses that are allow or not allow for connection.
- Clipping of video files
- Hiding recording screen
- Password protection
- Auto-start video recording as soon as computer is turned on
- Automatically shut down the computer when System Administrator closes **Chateau** program.
- Preset computer auto turn on.

Special Notice:









1. This user's manual contains the product explanation for VG4C-XP, VG4C-XP-V, VG8C-XP-TV, VG4C-RT, VG8C-MP4 and VG4C-RT4. As the method of operation for the above products are the same. So the picture and graphic is based on VG4C-XP. All other hardware spec differences will be explained in detail at **Chapter 1.2 Hardware specification Difference**. Users please take notice of the differences on the product specification and the setting differences. The software operation will not be explained separately.
2. System software name correspondence:
 VG4C-XP, VG4C-XP-V and VG8C-XP-TV: Software name is ChateauXP
 VG4C-RT: Software name is ChateauRT II
 VG8C-MP4: Software name is ChateauIV
 VG4C-RT4: Software name is ChateauRT4
 We would call the software generally as **Chateau** in this user's manual without version differences. Please take notice of the software name on each product for lesser confusion
3. This user's manual content does not include the products **VG1C, VG2AV, VG4C, VG4C-V and VG4C-Plus**. Please take note.
4. **Version V2.xx and the later version cannot be connected with version V1.xx for remote functions.** To solve partly of the network problems, V2.xx and the later version had to changed its communication ports from 1720,1721 and 1722 three ports for V1.xx to ports 48100, 48101 and 48103 three ports for V2.xx. **Due to the different communication ports, V2.xx or later version cannot be mixed with V1.xx or earlier version.**
Only software version 3.0 or later version can perform the remote monitoring of VG4C-RT4. As V2.xx version cannot decompress H.264 files.
5. Version V2.xx had solved 2 **ChateauServer's** Server-to-Server connection problems for both servers to be behind a Router or IP Share. (Please refer to the explanation in this user's manual for the communication port setting for router or IP Share).
6. Chateau program only support Windows2000/XP operating system, Please do not installed on Windows95/98/ME/NT and



















Windows2003Server operating system.

7. Due to the different hardware design and different compression technique, only **VG4C-XP**, **VG4C-XP-V** and **VG8C-XP-TV** can be mixed used. Please do not mixed used other products.

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Chapter 1: Installation

1.1 Package Contents

Chateau package includes:

- One VGuard PCI interface card.
- One CD containing the VGuard system drivers and the application programs.
- One copy of this user's manual.
- One watchdog reset connection cable.
- One Audio in (RCA to Earphone plug) connection cable.
- VG8C-XP-TV and VG8C-MP4 contains an expansion board and connecting cable to expand to 8 video/Audio inputs.

1.2 Hardware Specification Differences

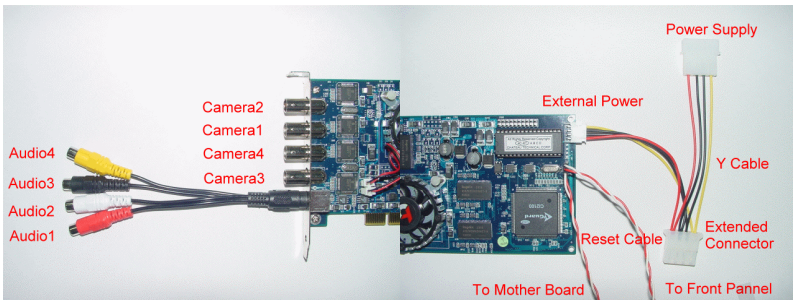
- **VG4C-XP, VG4C-XP-V card:** Each card supports 4 video inputs and 2 audio inputs.
Video inputs (BNC) terminal numbers from bottom to top are Camera 1 to Camera 4. Red RCA jack is camera 1 and the white one is camera 2 for the audio in (RCA to Earphone plug) connection cable.
- **VG8C-XP-TV card:** Each card supports 8 video inputs and 2 audio inputs.
Video inputs (BNC) terminal numbers from bottom to top are Camera 1 to Camera 4 for the main card.
Video inputs (BNC) terminal numbers for the expansion board from bottom to top are Camera 5 to Camera 8;
Red RCA jack is camera 1 and the white one is camera 2 for the audio in (RCA to Earphone plug) connection cable.
Video output (yellow RCA Jack): users can connect this output terminal to the video in terminal on a TV monitor; this monitor will display the connected 8 channels of images simultaneously. (It will be displayed as a 9 split window. TV monitor only provide the real time monitoring, cannot be controlled. TV monitor image signal spec is the same to the VGuard image signal setting. It can be either under NTSC or PAL mode).
- **VG4C-RT, VG4C-RT4 card:** Each card supports 4 video inputs and 4 audio inputs.
VG4C-RT: Video inputs (BNC) terminal numbers from bottom to top are Camera 3, Camera 4, Camera 1, and Camera 2.
VG4C-RT4: Video inputs (BNC) terminal numbers from bottom to top are Camera 1, Camera 2, Camera 3, and Camera 4.
The red, white, black and yellow color (RCA jacks) on the audio in (RCA to PS2 Plug) connection cable is for camera 1 to camera 4.
- **VG8C-MP4 card:** Each card supports 8 video inputs and 8 audio inputs.
Video inputs (BNC) terminal numbers from bottom to top are Camera 1 to Camera 4 for the main card.
Video inputs (BNC) terminal numbers for the expansion board from bottom

to top are Camera 5 to Camera 8.

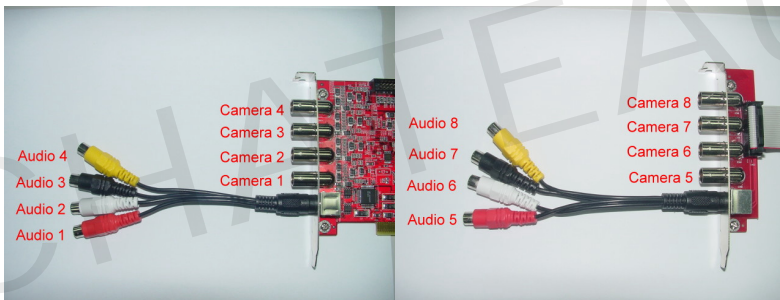
The red, white, black and yellow (RCA jacks) color on the audio in (RCA to Earphone Plug) connection cable for the main card is for camera 1 to camera 4.

The red, white, black and yellow (RCA jack) color on the audio in (RCA to Earphone Plug) connection cable for the expansion board is for camera 1 to camera 4.

Note: VGuard cards can only support the microphone with driving audio signal output. The microphone without it will not be able to connect to VGuard cards for sound recording.



Connecting picture for VG4C-RT



Connecting picture for VG8C-MP4

1.3 System Requirements

To ensure the efficiency performance of Chateau system, the **Minimum Requirements** on a PC are as follows:

- IBM compatible PC minimum CPU requirement as follow.
 - Four cameras: CPU 1.2GHz or above.
 - Eight Cameras: CPU 1.6GHz or above.
 - Sixteen Cameras: CPU 2.0GHz or above.
- 256MB RAM and above.
- Window 2000 / XP working system.
- 64MB RAM or above on VGA card with AGP interface. (Strongly recommend to use nVidia's VGA card, Geforce2 MX200 or MX400 or above and the use of the latest version driver that download from their web sites recommended).

- DirectX 8.1 version or above.
- Ethernet card
- 56Kbps modem with voice features.
- Full-duplex sound card.
- Power supply is suggested to have at least full 300W (VG4C-RT require greater power supply. It is suggest to use at least full 350W)
- It is recommended to format the hard disk using NTFS format to increase the system reliability. And the hard disk is suggested to partition off into two partitions to separate the OS and video file database in different partition. Please reserve enough disk space for Windows operating system temporary saving spaces, at least 5-10GB.

Note: The use of **VIA's VT-8233A, SIS 630, and SIS655** chipset's motherboard will have a compatible problem with Chateau's card. It is recommended not using it.

1.4 Hardware Installation

1. Turn off your PC and unplug it.
2. Remove your PC casing cover.
3. Install the VGuard card into an available PCI slot.
4. Place the PC casing cover onto your computer and plug it in.
5. Plug the "Video out" of the camera into the "Video in" of the VGuard card.
6. Plug the "audio out" cable of the microphone to the "Mic-In" jack of the VGuard card; or connect the audio out from the camera to the audio in of the VGuard card.
7. Using the watchdog connecting cable to connect the reset signal from the motherboard with JP2 (1-2) on the VGuard Card. Then connect JP2 (3-4) to the reset switch on the computer panel for automatic launch function. (Connect to any VGuard card is workable. But the watchdog functions on the card need to be enabled. It is recommended to enable all watchdog function on every card for smoother watchdog function.)

1.5 Installing Hardware Driver for VGuard Card

Plug in and Turn the PC on. Please login the window OS with an authorized user. Once powered up, Windows' PnP feature automatically detects **VGuard** card and requests for installing the driver. Load the included **Chateau** system CD into your CD drive. Direct Windows to the path where drivers are stored, e.g. **D:\WIN2000_XP\Driver7146** (This is the driver file name for **VG4C-XP, VG4C-XP-V, VG8C-XP-TV** and **VG8C-MP4**. Driver file name for **VG4C-RT** is: **Driver_RT_2000_XP**; and driver file name for **VG4C-RT4** is **Driver_dm642**). Please select the correct OS path. (D: refers to the path for CD drive. This will be different according to different computers). Follow the instructions on the prompted screens to proceed with the rest of the installation.

For Multi cards system, it is suggest installing all cards on PCI slots, and following the steps above for VGuard driver installation.

1.6 Installing Chateau Application Software

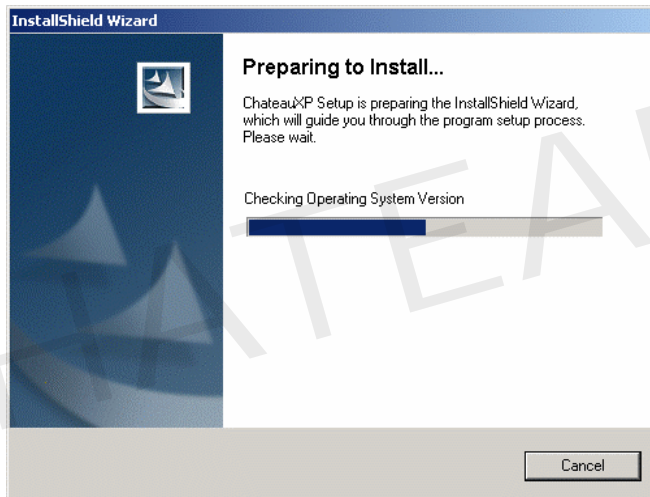
Before installing Chateau application software, please ensure that VGuard card hardware drivers have been successfully installed.

Note: It is recommended updating your OS system and VGuard driver to its latest version before installing the Chateau application software.

1. Enter Windows operating system.
2. Put the Chateau system CD into your CD-Rom drive.
3. After double Click “My Computer”, double click the CD-Rom drive. (Chateau_EN (D:)). Double click the correct operating system (WIN2000_XP)

Note: E: refers to the path for CD drive. This will be different according to different computers

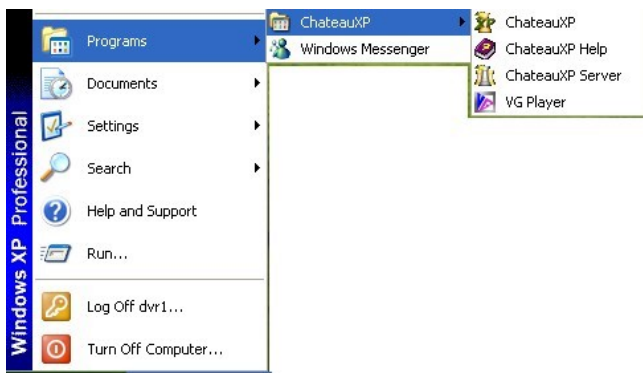
4. Double Click “ChateauSoftware” and then double Click “Setup.exe”. The following installation picture will appear on the screen.



5. Follow the instructions and select the **Next** button to continue the installation.

Note: Installation programs will inform whether your computer needs to restart after the installation.

6. After the above installation is finished, **Chateau** will appear in the **Program Folders Menu** as illustrated below:



1.7 Upgrading Software

With the most updated version of **Chateau** software, please follow the steps below to upgrade your software.

1.7.1 Uninstall the old version

Use Add/Remove Program in the Control Panel program folder in the Windows to remove the previous version of **Chateau** programs. Select the **Chateau** on the Add/Remove Program in the Control Panel. Then click the **Remove(R)** icon to remove the **Chateau** program.

As the image files and directories are not actually removed during the process of removing the **Chateau** programs, therefore, those directories created in previous installation still exist. The user may use File Explorer to check out the directories under **C:\Program Files\Chateau** (we assume it is the directory selected in previous installation). Delete those directories and files unless the user chooses to keep those directories and the image files under **C:\Program Files\Chateau**

Note: In order to prevent abnormal execution of the new version of Chateau programs, it is recommended to delete all of the associated files other than those subdirectories in the Chateau directory.

1.7.2 Installing New Version of Chateau

Please refer to **Chapter 1.6 Installing Chateau Application Software** for the procedure of installing a new version of application programs.

Note: Before you install the new version of Chateau software, please confirm whether the version of the driver is the same to the version of the driver enclosed. If the version is different, please update the driver version and then install Chateau application software. Otherwise it will cause the software to function abnormally.

Chapter 2: System Overview

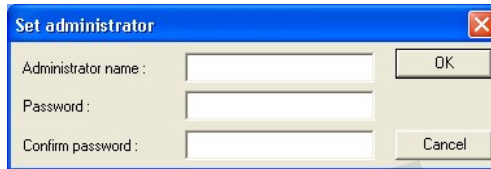
To execute Chateau program, simply double-click on the shortcut icon on the Windows Desktop as illustrated below. (It is recommended to set the monitor resolution to 1024x768, 32bit true color or above for better screen display.)




Alternatively, select Chateau program from the Program folder. Click the left button of mouse and start the program.

2.1 Starting Chateau software

At the very first run of Chateau after installation, Chateau will request user to define the user name and password for System Administrator.



System Administrator is the user with the highest privilege. Please bear the Administrator name and password in mind. **Chateau** system cannot be started and the System Setup cannot be performed until the **System Administrator** is set up.

At the second and the onward runs of **Chateau** program, Chateau will enter the main screen. Under the main screen, press “ESC” or the login/logout button  at the bottom right hand corner, the system will request user to login with a user name and password.



User names will have limited access for operation depending on the predefined access auditing. This limitation does not apply to System Administrator. Please refer to [Chapter 3.5 Users](#) for the setting of user name/password and the auditing.

Note: Only logging in by System Administrator’s name and password can be accessed for the modifying of the system. Other users can only be accessed for operation or depending on the predefined access auditing.

2.2 Main Screen

After entering into Chateau system, you will see the Main Screen. The picture below is for 16 channels system:



The Main Screen consists of 2 sections. The upper section will be the **System Image Section** and the lower section will be **System Functional Section**. Most of the panel for function setting buttons and control functions will be invisible. Users need to click the reveal button to show the panel board.

2.2.1 Image Section

This section is primarily to display the images from cameras. VGuard card can be installed up to 16 cameras in one system. The screen pattern (number of camera views) therefore varies from one system to another depending on the card model and quantity of card installed. Chateau automatically detects the number of VGuard cards installed, and then automatically arrange the screen pattern on this section based on the total number of cameras.


All of the images displayed in this section can be enlarged or reduced. First, move the mouse to the desired image and double click on the image to enlarge it. The images will be re-arranged at this time so as to accommodate the displays of all images. The image will be at full screen size if double clicked again. Another double click will return to the normal size image which had not been enlarged.


2.2.2 System Functional Section


Main panel in system functional section:





Explanation for the buttons for the main panel in system functional section:


 **Minimize:** Main screen will be minimizing after pressing the button.

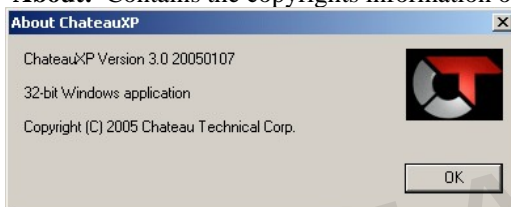
And  will be shown on the bottom right hand side of Window.


 **Full Screen:** The image will be enlarged to a full screen display mode when pressing this button. Press **[ESC]** key to return to original screen size.


 **On Line Help:** Provides on-line help for system operations.


 **Exit:** Exit the program. **(Only System Administrator can use the exit function.)**


 **About:** Contains the copyrights information of the product.

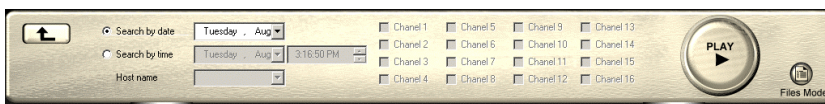


 **Record:** By pressing this button, it will activate all the preset cameras to function video/audio recording

 **Stop Recording:** By pressing this button, it will stop all video/audio recording.

 **Log In/Out:** When running the system, the user's password is required before one can perform the system programs. When user need to be away and do not want others to have access to the system, he/she may logout the system first. Then, all the system operations (functions) will be shut down. You cannot even exit the system program. The system will not work until the users re-login with his/her password. When the user logout from the system, the system will automatically display as a full screen image. The user will then need to press **[ESC]** button for re-login. The login dialogue box will appear again for the input of password and user name. After the correct password and user name is input, the system will then back to normal.

 **Playback:** By pressing this button, the playback functional panel will appear for the System Functional Section as below: Playback functional panel will be explained in detail in **Chapter 5 Playback.**



Displayed or Hidden for Setting functional panel button:

When you click this button the first time, the setting functional panel will be displayed as below:



Click this button again to hide the setting functional panel as below:



Explanation for the buttons for the setting functional panel as below:



Remote Access: Allow linkage to Chateau XP host site. Please refer to **Chapter 9: Remote Monitoring Function** for more remote setting and detail explanation.



Auto Scan: Every Camera images in the image displayed section will be enlarge one by one automatically and displayed when this button is clicked for remote use. This will not influence the recording function. For the setting of the auto scan interval, please refer to **Chapter 3.3 Host setting** for more detail.



System Setup: Setting of the System. Please refer to **Chapter 3 System Setting** for more detail.



Alarm/User Log: To record the times of logins and logouts for each local user, Chateau system connecting duration and connecting messages, times and messages when alarm occurs for both local and remote sites. Please refer to **Chapter 6.2 Alarm Log** for more detail.



E-Map: Please refer to **Chapter 3.11 E-Map** for more detail.



Mute: Shut down all audio outputs from the sound card caused by the alarm.








A **Status Panel** is located in the upper part of the Setting functional panel. Click the left mouse button once to hide the status panel as the picture below:



Click the left mouse button again to display the status panel as below:






The **Status Panel** mainly includes the following display items and functions:

- **Host:** Displays the name of the Host computer in control now. It can be a local host or remote host.  means not yet connected. And  means connected to ChateauServer.
- **Hard Disk Space:** Displays the hard disk number and spaces available in the database. If the hard disk free space is not enough, it will be displayed as “No Space”.
- **Scan:** When this is displayed, means auto scan function is activated.
- **Current Time:** Display the current date and time.
- **Camera Status:** Display the assigned camera position, (which camera from which number of card) video/audio recording status, (Display “Video for recording video, monitoring if not display. Display “Audio” when recording sound. No display when not recording audio).
- **Image Functional Icon:** Image functional icons include  Unmask Motion Detection Area,  Snapshot,  Caption,  Caption Color, and  Video Configuration. Please refer to **Chapter 4.2 Image Functional Icon** for more detail.






Display / Hide the Control Panel Button:



When this button is clicked, the Host control panel will be shown on the right hand side of the screen as the first left picture below. When this button is click again, the control panel will be hidden to its original images.

The following    buttons in the contral panel can change to the different functional control panel as below;




Host: Click  button to change to **Host control Panel**; or when under **My Channel control panel**, select the  last page/  next page button can also change to **Host control panel**. When local host and other remote hosts are connected, you can select the remote host here. Please refer to **Chapter 9 Remote monitor function** for more detail.




My Channel: Under **Host control panel**, select the  last page/  next page button can change to **My Channel control panel**.

Please refer to **Chapter 3.7.4 My Channel** for more detail.




PTZ Control: When  is click, it then can be changed to **PTZ Control Panel**. This control panel is to control the local and remote PTZ cameras o speed dome cameras. For adjusting the Iris, Focus, Zoom, Up/Down, Right/Left movement, Cruise of Preset Position and Auto Pan functions. Please refer to **Chapter 7.2 PTZ control Panel** for more detail.



Output Port Control Panel: When  is click, it then can be changed to **Output Control Panel**. This control panel is to control the output port for both local and remote site. Please refer to **Chapter 7.3 Output Control Panel** for more detail.

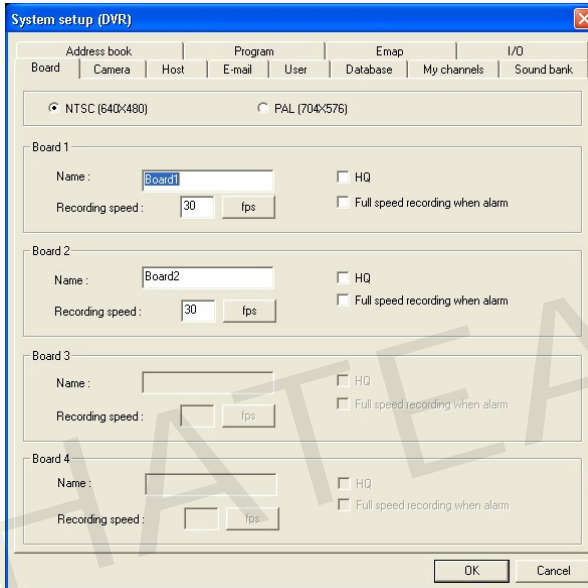


Chapter 3: System Setup

Click the  button on the **Setting Functional Panel**, to open the System Setup Menu. This System Setup menu contains of **Board, Camera, Host, E-Mail, User, Database, My Channels, Sound Bank, Program, E-map** and **I/O device**. More detail will be follow in the chapter below.

3.1 Board Setup

The following menu will be shown when Board is selected. This example is the system installed with 2 VG4C-XP cards (8 Channels).



Note:

- Setup should be set under “Not Recording” situation for the system to be saved and valid.
- A Chateau system can install a maximum of 16 cameras. It supports 4 **VG4C-XP/VG4C-XP-V/VG4C-RT/VG4C-RT4** Cards or 2 **VG8C-XP-TV/VG8C-MP4** Cards. There will be a maximum of 4 setting areas for VGuard boards under this menu.
- If **VG8C-XP-TV** or **VG8C-MP4** is installed, then you will appear 2 setting areas for one VGuard Card under this menu. (One for VGuard Card and the other one for the expansion board)
- After successfully installed the VGuard driver and software application, when activate the Chateau program, the program will automatically detect for the numbers of VGuard Card installed.

■ Video Standard:

This is for the setting the frame sizes for image displaying, processing and storing. You can select either NTSC or PAL system according to the

camera you are using.

Frame size for NTSC system: 640x480: 640 pixels by 480 pixels.
(VG8C-MP4 is 704 x 480 pixels)

Frame size for PAL system: 704x576: 704 pixels by 576 pixels.

■ **Name:**

The defaulted is VGuard Card Number (N) (N=1~4). You can also set a name easier for you to identify for easier managing the whole security network.

■ **Recording Speed:**

This is to specify the recording speed, either in **[fps]** (frame per second) or **[spf]** (second per frame) (Clicking this button to switch between fps and spf). Chateau System automatically adjusts the recording speed to the maximum speed of the CPU if the specified speed exceeds the PC maximum speed for image processing. (The default value is 30 fps in NTSC system and 25fps in PAL system)

■ **High Quality Recording (HQ):**

When this function is selected, this will provide finer recording image quality. However the file size will be increased. Enable of this functions have to be noted of the hard disk spaces requirement to avoid any problems due to not enough space available for saving.

Note: Only VG4C-XP, VG4C-XP-V and VG4C-RT supports this HQ function. VG4C-RT is using totally hardware compression, so all cameras can activate this high quality recording function. For VG4C-XP/VG4C-XP-V, it is using software compression, so it is limited to the system resources. When installed with 4 cards, only 2 cards can enable this high quality recording function (8 channels); when installed with 3 cards, then all three cards can enable this high quality recording function (12 channels). Please take notice of this.

■ **Full Speed recording when alarmed:**

Suppose that the camera is setting at a lower recording speed, when alarm triggered, the camera recording will be at full speed when this function is enabled.

■ **Exit:**

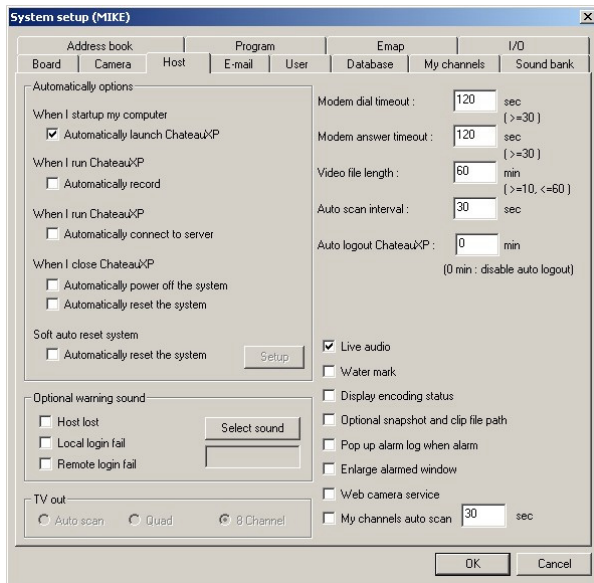
Click **[OK]** to finish setting.

3.2 Camera Setup

Selected **Camera** and the camera system setup menu will be shown. Please refer to **Chapter 4.2 Recording Setting** for more detail.

3.3 Host Setup

The following setup menu will appear when **Host** is selected.



- **Automatically launch Chateau Program:**

Allow you to setup automatically function to launch **Chateau** application program upon PC startup.

- **Automatically Record:**

Allow you to setup automatically function to start recording upon **Chateau** program startup.

- **Automatically connection to server:**

Allow you to setup automatically function to connect **ChateauServer** application program upon start-up. The system will automatically connect to the same **ChateauServer** connected previously. If the **ChateauServer** could not be found, the system will keep connecting to the **ChateauServer** program until it is found.

- **Automatically power off the system:**

If this function is enabled, the system will be shut down when a **System Administrator** exit the **Chateau** program. If this function is disabled, it will only exit the **Chateau** program.

- **Automatically reset the system:**

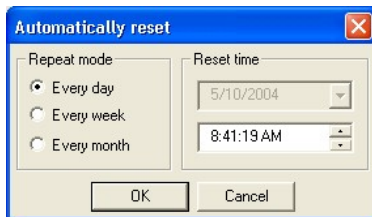
If this function is enabled, the system will be reset when a **System Administrator** exit the **Chateau** program. If this function is disabled, it will only exit the **Chateau** program.

- **Soft auto reset system:**

If this function is enabled, the system will be reset and restart Chateau program at the schedule time.

Click the **Setup** button, the “Automatically reset” dialog will be display for the setting of the automatically reset time interval. Only one of the

following times can be selected to setup this function.



- **Every Day:** User can set to reset the system once every day. It is to set the resetting time of every day.
- **Every Week:** User can set to reset the system once every week. It is to set the resetting time and day of every week.
- **Every Month:** User can set to reset the system once every month. It is to set the resetting time and date of every month.

Note:

1. **This function is primarily to cope with the possible unstable resulting from long time operation of the system. To reset the system on a timely basis will reduce its unstableness.**
2. **If this function is enabled, the system will enable three functions automatically: Auto Launch of Chateau program, Auto-Connect to ChateauServer and Auto-Start Recording. So that the system can return to the original recording mode or automatically connect to the server after it is reset.**
3. **Under the Window working system, you will be asked to enter the password when starting the computer. If setting Auto functions for Chateau program, you will need to cancel the password setting (Please refer to Window user's manual for password setting) to be able to auto launch Chateau functions without been hold on the password requesting step.**

■ **Optional Warning Sound:**

1. **Host lost:** When any linked host is regularly off-linked or irregularly disconnected, the local host will produce alarm sound to alert the operator that some other host is off-linked. Alarm log will record the name and time of the off-linked host.
2. **Local login fail:** When the system is working, it will trigger an alarm and play the designated sound file if an incorrect login name or password is entered.
3. **Remote login fail:** If a remote user links to this system by way of remote linkage and such remote user is an unauthorized user or his name or password is incorrect, the system will trigger an alarm and play the designated sound file to alert the local system operator in order to prevent any wrongful intrusion to the host system by a remote

user.

- **Select Sound:**

Click **Select sound**, users can select a sound file from the programmed **Alarm Sound Bank** to serve as the common alarm sound when any of the above three events occurs.

- **TV-Out Display Mode:**

This function only supports VG8C-XP-TV card. It has 3 display modes, Auto Scan, Quad display mode and 8 Channel display mode.

Auto Scan: When this mode is selected, TV-Out display images will display one images at a time from channel 1~8 with an interval of 3-4 seconds. Interval time is defaulted and can not be changed.

Quad: When this mode is selected, TV-Out display images will display 4 images (1~4 and 5~8) at a time with an interval of 3~4 seconds. Interval time is defaulted and can not be changed.

8 Channels: When this mode is selected, TV-Out display images will display all 8 channels in a 9 split windows. (The ninth window will display time and date.)

- **Pop up alarm log when alarm:**

If this function is enable, the alarm log will be pop up to you screen when alarm is triggered for fast handling.

- **Modem dial timeout:**

The Modem will stop dialing when the remote access is not able to connect in the time period that the user sets. The default time will be set at 120seconds, but no shorter than 30seconds. This is because the different chips for different modems will need different time.

- **Modem answer timeout:**


If the modems were connected, the modem did not receive any signal from the other modem in the preset time, (The default is 120 seconds.) the modems will disconnect automatically. We will need to reconnect for remote access. The default time will be set at 120seconds, but no shorter than 30seconds due to the different chips for different modems will need different time.

- **File Length (Video File Length):**

The recording time for the video file is from 10 ~ 120 minutes. The default value is at 120 minutes. (Note that this is the length of recording time not the size of the file.) It is recommended that the parameter shall not be set too short; or the searching time may be longer due to too many files. Besides, there is a limitation on the number of files in each directory of the hard disks. It will be more difficult for file management if there are too many files.

- **Auto Scan:**

The Chateau system will automatically enlarge all the camera images by the

time setting in the box. The default enlarge time is 30 seconds. Click the  button to stop Auto scan.

■ **Auto Logout Software:**

When system does not have any movement include the movement from mouse, the system will auto logout software in the designated time to avoid controlling from other person. If the designated time is 0 minutes, it will disable this function.

■ **Live Audio:**

If enable this function. When the camera is set for audio recording, select the camera images with the audio recording setting, you will be able to hear the sound under recording. (The PC will need to connect to a speaker). The camera without audio recording setting will not be able to hear the sound.

Note: This function only support the audio input from the VGuard card, the audio input on the sound card would not be supported.

■ **Watermark: (Only VG4C-XP, VG4C-XP-V and VG8C-XP-TV support this function)**

After activated this function, the recording image will add with a watermark picture. The watermark picture will be shown when displaying images or playback image files. The intention of watermark is for the image not to be altered. Due to the image color, the watermark might not be easy to see. Please be aware.

■ **Display encoding Status:**

When display encoding status is enabled, the recording speed for the selected channel will be shown on the control panel at the lower part of the screen. This is the sampling number at once time. Not the average. So the actual recording speed might be different. As below:



■ **Optional Snapshot and Clip file path:**

When this function is activated, system will request for saving path when taking snapshot or file editing. When this function is not activated, system will automatically save the file under defaulted directory (\Picture and \Clip under Database).

■ **Pop up alarm log when alarmed:**

When this function is activated, system will display alarm log for the user to be notified when alarmed.

■ **Enlarge Alarmed window:**

When this function is activated, the alarmed channel images will be enlarged for the user to be able to monitor it.

- **Webcam: (Only software version V2.xx or later supports this function)**

V2.xx version supports this Webcam function. It can treat all cameras on a Chateau host system as Webcam. User can remote monitor it through IE browser. Please refer to **Chapter 9.2 Remote monitoring through IE Browser** for more detail.

- **My channels auto scan:**

When one or more sets of “My channels” are set. By activating this function and set the interval, the system will display different my channel images according to the time set.

3.4 E-Mail

This e-mail function is for sending the messages, attached files or snapshots when alarm triggered to a remote site to avoid the system been destroyed and the file or snapshots will be lost.

Select E-Mail at the system setup menu. The below E-mail menu will be shown.

System setup (DVR)

Address book | Program | Emap | I/O

Board | Camera | Host | E-mail | User | Database | My channels | Sound bank

E-mail setting

Mail server:

E-mail from:

E-mail to:

E-mail retry times:

E-mail retry interval: sec

Mail server authorization

☐ Authorization

User name:

Password:

Modem connection

Connection select:

User name:

Password:

Camera trigger

	V	P		V	P		V	P		V	P
<input type="checkbox"/> Camera11	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Camera12	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Camera13	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Camera14	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Camera21	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Camera22	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Camera23	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Camera24	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Camera31	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Camera32	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Camera33	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Camera34	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Camera41	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Camera42	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Camera43	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Camera44	<input type="checkbox"/>	<input type="checkbox"/>

☐ Input trigger

OK Cancel

- **Mail Server:**

Setting of the mail server can be senders or receivers. As long as the mail can be send out and to assure the receiver can receive the mail.

- **E-Mail From:**

Please enter the e-mail address from the sender to let the receiver knows who

is sending this e-mail. (This e-mail address has to be filled in. Cannot leave as blank)

■ **E-Mail To:**

Please enter the receiver's e-mail address. And also ensure that this e-mail is valid and can receive mails to avoid delay

■ **E-Mail Retry time:**

Due to some cause that the mail cannot be delivered, **Chateau** system will keep retrying for the set times to assure the mail can be send successfully. (The default is 3 times; user can change the time of retrying.)

■ **E-Mail Retry Interval:**

The interval time for each retry. (Default is 60 second. User can make alteration to need)

■ **Mail Server Authorization:**

Parts of the mail server have authorization function to make sure whether to send the mail. If using this kind of mail server, please activate this authorization function and enter the user name and password to assure the mail can be send successfully. If the mail server does not have this authorization function, then no need to activate this function.

■ **Modem Connection:**

If the mail is delivered through a modem, you will firstly need to set a modem connecting account from the "Dial up network" from Windows. After setting, you will be able to find this setting on the "Connection select" and also enter the modem dialing account name and password in users name and password. When alarm triggered, Chateau system will deliver the mail using the set account to get on the net using modem automatically. Disconnected when finished sending mails.

■ **Camera Trigger:**

This selection is to set for the e-mail for the camera to deliver alarm messages and its content. You have to activate the alarm function for each camera. Only the camera with the alarm function can be set here.

- **Camera Selection:** Only the camera with the alarm function activate will have a square in front of the camera name for selection. Otherwise sending of messages using e-mail will not be functioned. (If only the camera is selected, e-mail will only send the alarm messages in word text).
- **Sending Image Files:** V stands for Video, which means image files. The image files will be sending through E-mail when alarm triggered when this function is selected. (This image files saved in the alarm folder, if system is under all time recording status, then this file will have Pre Alarm images)
- **Sending Snapshot:** P stands for Picture, which is a snapshot file. The snapshot will be send through e-mail when alarm triggered when this function is selected. Before this function is selected, you will need to set for the snapshot function under alarm function for the camera.

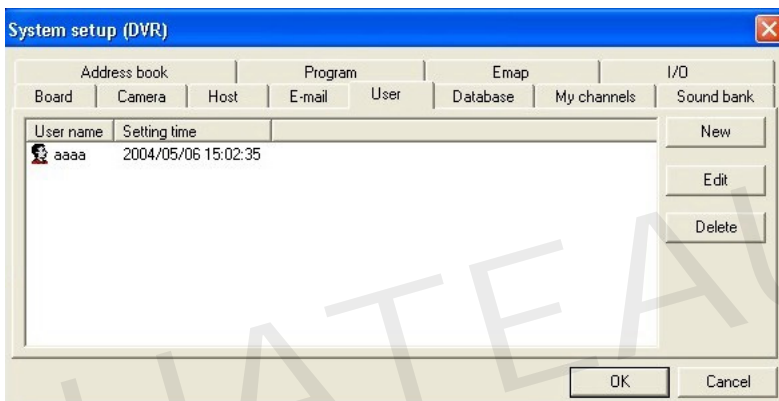
Otherwise this function will not be able for selection, as no snapshots files are available. (The snapshot is saves as BMP format under the picture files in the database when alarm triggered. To increase the e-mail sending speed, Chateau program will transform the snapshot into JPG format automatically when sending the e-mail.)

■ **Input Trigger:**

After this function is selected, when the alarm is triggered through the input point, the alarms messages can also be send through e-mail

3.5 User

Select User in the system setup menu. The following menu will be shown; the first on (The red color figure) is the set System Administrator when activate Chateau program for the first time.



3.5.1 New User Setup

Simply select the **New** to enter the setup screen for a new user. The following User Info dialog will be popup. (Only System Administrator can add, delete or edit a user).

■ User Info setting as below:

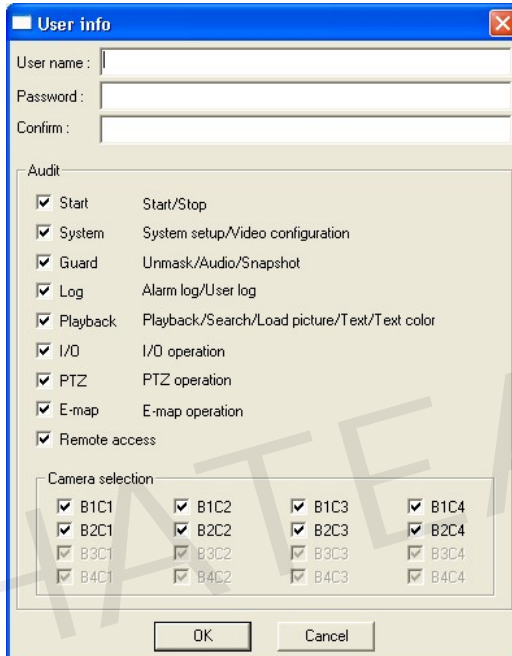
- **User Name:** type a new user name into the box
- **Password:** type the password into the box
- **Confirm:** type the password again for reconfirmation

■ Auditing is used to set up the user's access auditing as described below. You may grant one or more of the following access auditing by ticking the boxes ☐ in front of them. The access auditing is set as follows:

- **Start:** Enables a user to access **Start Recording** and **Stop Recording** functions
- **System:** Enables a user to access **System Setup** and **Video Configuration** functions.
- **Guard:** Enables a user to access **Unmask**, **Audio** and **Snapshot** functions.
- **Log:** Enables a user to access **Alarm Log** and **User Log**.
- **Playback:** Enable user to access **Playback**, **Search**, **Load Picture**,

Text and Text Color.

- **I/O:** Enable user to access **I/O device** control.
- **PTZ:** Enable user to control **speed dome camera**.
- **E-Map:** Enable user to access **E-Map** functions.
- **Remote Access:** Enable user to access **remote monitoring** function.
- **Camera Selection:** Enable user to access to the image from the authorized camera. The cameras without authorization will not be shown.



The image shows a 'User info' dialog box with a blue title bar and a red close button. It contains three input fields for 'User name', 'Password', and 'Confirm'. Below these is an 'Audit' section with a list of checkboxes and labels: Start (Start/Stop), System (System setup/Video configuration), Guard (Unmask/Audio/Snapshot), Log (Alarm log/User log), Playback (Playback/Search/Load picture/Text/Text color), I/O (I/O operation), PTZ (PTZ operation), E-map (E-map operation), and Remote access. At the bottom is a 'Camera selection' section with a 4x4 grid of checkboxes labeled B1C1 through B4C4. All checkboxes are checked. 'OK' and 'Cancel' buttons are at the bottom.

Camera selection			
<input checked="" type="checkbox"/> B1C1	<input checked="" type="checkbox"/> B1C2	<input checked="" type="checkbox"/> B1C3	<input checked="" type="checkbox"/> B1C4
<input checked="" type="checkbox"/> B2C1	<input checked="" type="checkbox"/> B2C2	<input checked="" type="checkbox"/> B2C3	<input checked="" type="checkbox"/> B2C4
<input checked="" type="checkbox"/> B3C1	<input checked="" type="checkbox"/> B3C2	<input checked="" type="checkbox"/> B3C3	<input checked="" type="checkbox"/> B3C4
<input checked="" type="checkbox"/> B4C1	<input checked="" type="checkbox"/> B4C2	<input checked="" type="checkbox"/> B4C3	<input checked="" type="checkbox"/> B4C4

After setting is finished, click **OK** to complete it. When the user login with this user name and password next time, he/she can have only access to the granted functions.

Note: In Chateau system, user will no need to be separate into local user or remote user. Authorizations for the same login name and password will be the same.

3.5.2 Editing User

To alter user's password or access authority, select the user's name and click **Edit**.

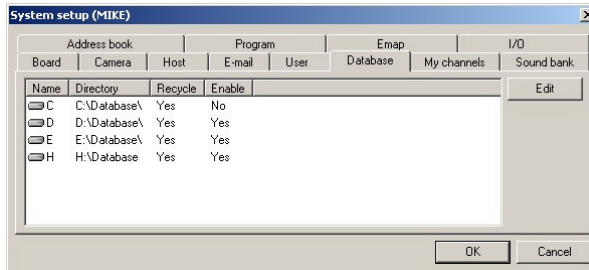
Note: Normal users can only change its own password not the authorization access. (Only the **System Administrator** can change the authorization access for users).

3.5.3 Delete User

Select the user to be deleted and click the **Delete** button to delete user. (Only the **System Administrator** can delete a user)

3.6 Database Setup

This option is used to specify the directory and hard disk in which video files are stored. The screen will be as follows:



Chateau V3.0 or above version will automatically detected the number of hard disks when activated as above. It will automatically create a \Database directory in each hard disk. Database in hard disk C is defaulted as disable. Chateau will use other software in priority. This is to avoid file lost due to the disk format when Windows OS needs to be reinstalled.

Note : When system has only one hard disk C: please enable the database by clicking on the edit button. Otherwise recording can not be performed.

3.6.1 Editing a Database

Click on the Edit button for the editing of a database.



- The default-reserved space on a single hard disk drive is 1000MB. It is recommended to reserve 5 % the space as the reserved space when the hard disk size is larger than 40GB.
- If there is no tick inside the square in front of the “**Enable**”, this database will not be used for recording. And the “**Enable**” column will display as “**No**”.
- You may choose to recycle a hard disk; however, you need to cancel the Recycle option if the recorded image is to be kept.
- There is a function for disk full alarm. If user enables this function and

selects a warning sound by pressing from the alarm sound bank.

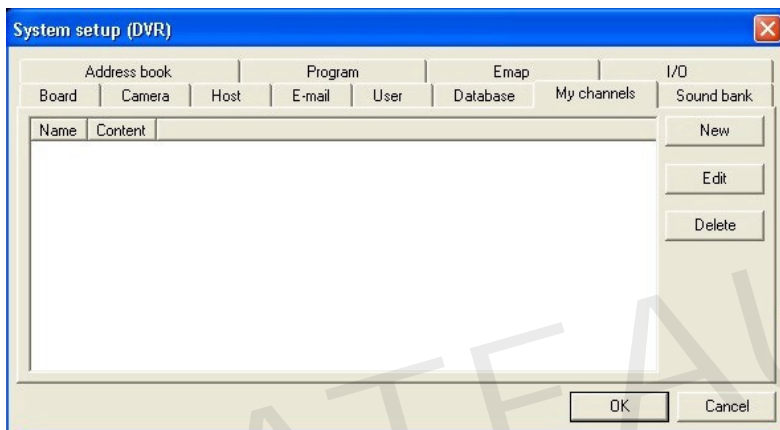
When the hard disk is full, the system will play the warning sound.

- Click **OK** to finish the setup.

Note: Setup can be performed only once against each hard disk drive. Duplicate setup is not allowed. It is suggest partitioning the hard disk to avoid the database and working system sharing the same C:\ hard disk.

3.7 My Channels

You can select and display the cameras by your assignation from local site or remote site in one screen. Select My Channel, and the setting menu is as below:



3.7.1 New “My Channels”

Select **New** to add a **My Channels**. The “New My Channel” dialog will be pop up as below:

New my channels

Name:

Content:

Split screen: 4, 9, 16

Position	Record	Host	Camera	Content
A	<input type="checkbox"/>	No	No	
B	<input type="checkbox"/>	No	No	
C	<input type="checkbox"/>	No	No	
D	<input type="checkbox"/>	No	No	
E	<input type="checkbox"/>	No	No	
F	<input type="checkbox"/>	No	No	
G	<input type="checkbox"/>	No	No	
H	<input type="checkbox"/>	No	No	
I	<input type="checkbox"/>	No	No	
J	<input type="checkbox"/>	No	No	
K	<input type="checkbox"/>	No	No	
L	<input type="checkbox"/>	No	No	
M	<input type="checkbox"/>	No	No	
N	<input type="checkbox"/>	No	No	
O	<input type="checkbox"/>	No	No	
P	<input type="checkbox"/>	No	No	

- Name: Name used to setup My channels combination
- Content: No function in this section
- Split screen: It is used to select the split screen that you want to display. (The number of the camera images), it can be distinguished into 3 combinations of 4 divisions, 9 divisions and 16 divisions. The cameras correspondence positions are different under different divisions. Please be aware of it.
 - 4 divisions: A, B, E and F
 - 9 divisions: A, B, C, E, F, G, I, J and K.
 - 16 divisions: All 16 positions from A-P.
- Record: This is to set whether the monitoring images to be recorded and saved. If the select camera is under local host, then this function cannot be selected. Whether the camera in the local host is recording can only be changed under camera setting under the local host server.
- Host: The entire connected host name will be shown here. Select the host name in the appointed position means to display the camera images under this host in this position. When setting, remote host have to be under connected status to be able to add in. After setting, the remote server can be under disconnecting status. At this time, when “My channels” is activated, the appointed position will be blank and shown the bottom picture.
- Camera: After the setting of the host, the entire camera name from the selected host will be show here. Select the camera to be monitored under this position. When the host has not been selected, then no selection will be available here.
- Content: You can put in the remarks for this **position** for better quick camera information.

After all settings are finish, click **OK** to add a new “My Channels” setting.



3.7.2 Edit My Channels

Select the name of the “My Channels” for editing. Click the Edit button to edit the appointed “My Channels”.

3.7.3 Delete My Channels

Select the name of the “My Channels” to be deleted. Click the Delete button to delete this “My Channels” setting.

3.7.4 My Channels operation

On the host panel on the right of the main screen, by clicking  or  button, the panel will change from host panel to “My Channels” panel as follow.



- When double clicking the “My Channels” name set (My channels function allows the setting of one or more different monitoring combinations. After giving the monitoring combination a name, all the setting combination name will be display here), the screen will then display the division images (4 divisions, 9 divisions and 16 divisions) set under the My Channels. Click the **REC** button, **Chateau system** will then remote monitoring according to the set host and cameras. Click the **Stop** button; the cameras from the remote host will be stopped.
- Whether the camera from the local host is recording or not can only be decide in the camera setting from the local host. Start and stop of the local host camera can only be controlled under host mode to avoid influence of the normally recording when stopping local and remote end cameras under “My channels” mode.
- Changing to other “My channels” setting only need to double click the left button of the mouse on the selected monitoring name. (The remote cameras from the original “My channels” will still be connected or recording, unless the stop button is clicked). The new “My channels” images will be displayed.

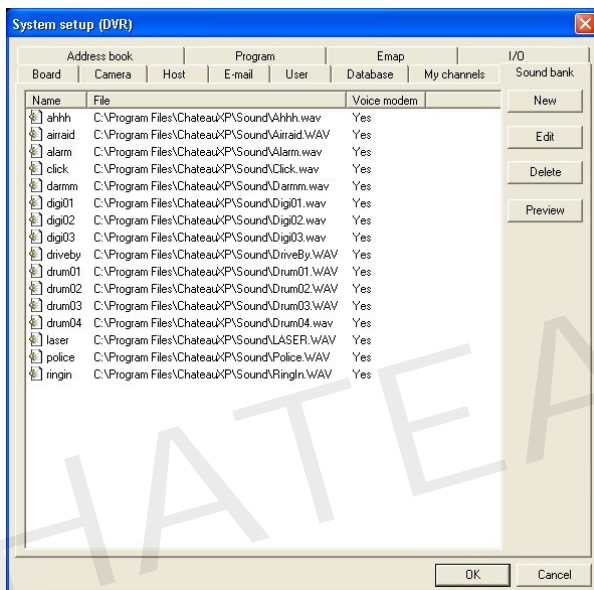
Note:

1. You will have to have the authorization from the remote host. (Please refer to **chapter 3.5 User** for authorization setting).
2. Using “My Channels” mode to monitor remote cameras, its meaning and position is the same as the remote monitoring under the host mode. When you click the “Stop” button under the host mode, the camera relatively to the host will be stop under My Channels mode. Whether

the remote camera is still recording is depends on which mode had activated the camera every time. For example: When the camera had been set for not recording under the host mode first. Even if you preset the remote camera for recording under my channels mode, the camera will not be recording. As whether the camera is recording or not is base on the mode which firstly activate the camera. Until a stop button is click in any of the mode. Then recording or not can be decided again.

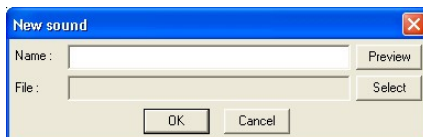
3.8 Sound Bank

Select Sound bank, the following screen will show.

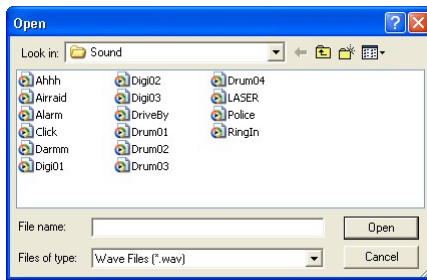


3.8.1 New Sound:

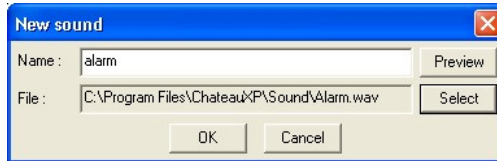
To add a new sound file, click **New** Sound and the following dialogue box will appear.



First, give a name to the sound file, and then click **Select** to choose a sound file.



After a sound file is selected, Click **Open** then it will return to the following screen.



Click **Preview** to ensure the selected file is a right one. Then Click **OK** to complete the setup.

3.8.2 Edit:

To edit a sound file, simply select the file entry and click **Edit** button.

3.8.3 Delete:

To delete a sound file, simply select the file entry and click **Delete** button. (Only the **System Administrator** can delete sound file)

3.8.4 Preview:

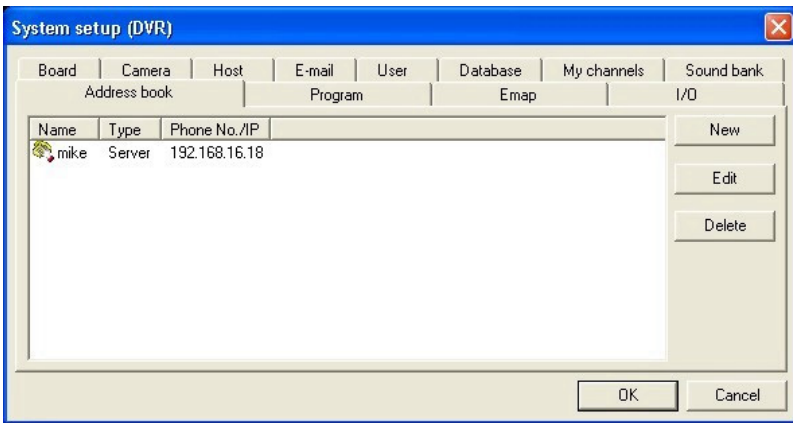
To pre-listen to a sound file, simply select the file entry and click **Preview** button.

Notes:

1. The field, Voice Modem with two valid values Yes and No, shows whether the sound file can be transmitted to a telephone through a modem.
2. The file to be transmitted to a telephone must be in the format of PCM 8000Hz, 16-bit, mono.

3.9 Address Book

Address Book can store remote telephone numbers or remote IP address that is frequently used to facilitate the remote access and remote alarms.



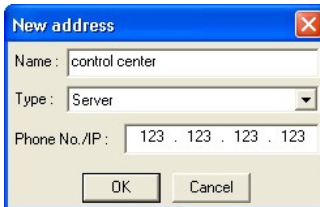
3.9.1 Adding a New Entry To Address Book:

To add a new entry to the address book, click **New** and then the following dialogue box appears.



■ Adding a new server:

This is primarily to connect to remote server. First, give a name to the server; next, choose **Server** from Type field; and then, type the IP address into the field, Phone No. /IP address. Finally, click **OK** button to finish the setup



■ Adding a remote IP:

The address book is used to, when an alarm is triggered; transmit an alarm message to the remote Chateau system via LAN or Internet. First, input the “Host” name of the remote Chateau system (please note that the “Host” name is case sensitive); next, select **Remote IP** on Type pull-down list. Last, click **OK** to finish the setup.

Note: This name has to be exactly the same as the remote server name to be valid. If the name is not correctly set, when alarm


triggered, the system will not be able to find the correct host system to transmit alarm messages. Please be aware.



A dialog box titled "New address" with a close button (X) in the top right corner. It contains three input fields: "Name" with the text "office", "Type" with a dropdown menu showing "IP", and "Phone No./IP" with a numeric keypad showing "0 0 0 0 0 0". At the bottom are "OK" and "Cancel" buttons.

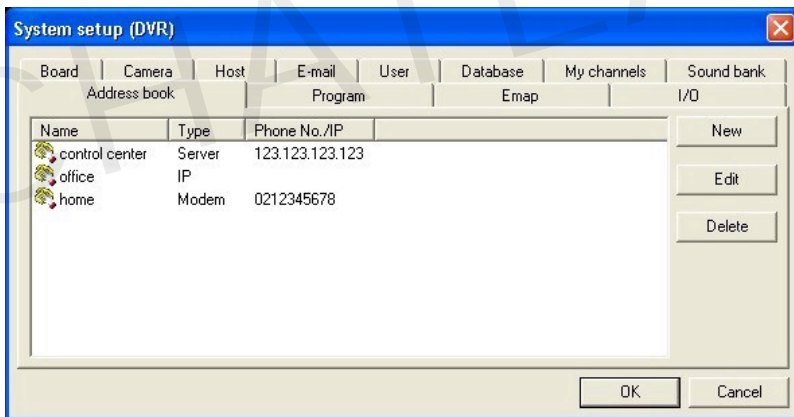
■ Adding a Modem:

This is used for modem communication including remote access and remote alarm. First, input the name of the modem; second, select modem on the “Type” pull-down list; third, input the remote Chateau System’s phone number/IP address. Last, click **OK** to finish the setup. When finish, the following will show



A dialog box titled "New address" with a close button (X) in the top right corner. It contains three input fields: "Name" with the text "home", "Type" with a dropdown menu showing "Modem", and "Phone No./IP" with the text "0212345678". At the bottom are "OK" and "Cancel" buttons.

After the setup is finished, it comes to the screen as follows:



A window titled "System setup (DVR)" with a close button (X) in the top right corner. It has a menu bar with "Board", "Camera", "Host", "E-mail", "User", "Database", "My channels", and "Sound bank". Below the menu bar is a sub-menu bar with "Address book", "Program", "Emap", and "I/O". The "Address book" sub-menu is active, showing a table with three columns: "Name", "Type", and "Phone No./IP". The table contains three entries: "control center" (Server, 123.123.123.123), "office" (IP, 123.123.123.123), and "home" (Modem, 0212345678). To the right of the table are three buttons: "New", "Edit", and "Delete". At the bottom of the window are "OK" and "Cancel" buttons.

Name	Type	Phone No./IP
control center	Server	123.123.123.123
office	IP	123.123.123.123
home	Modem	0212345678

3.9.2 Edit:

To edit an entry in the address book, click on the desired entry and then click **Edit** button; alternatively, double click on the entry that is to be edited. Then, you enter the Edit screen to perform the desired editing.

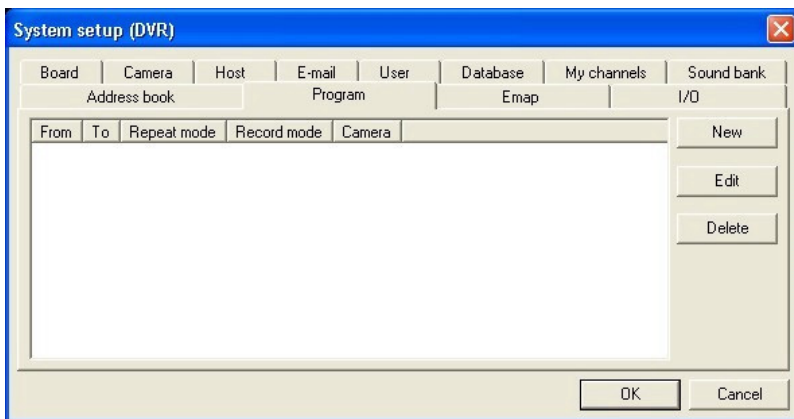
3.9.3 Delete:

To delete an entry from the address book, click on the desired entry and then click **Delete** button. The entry is then deleted. (Only the **System**

Administrator can delete address book).

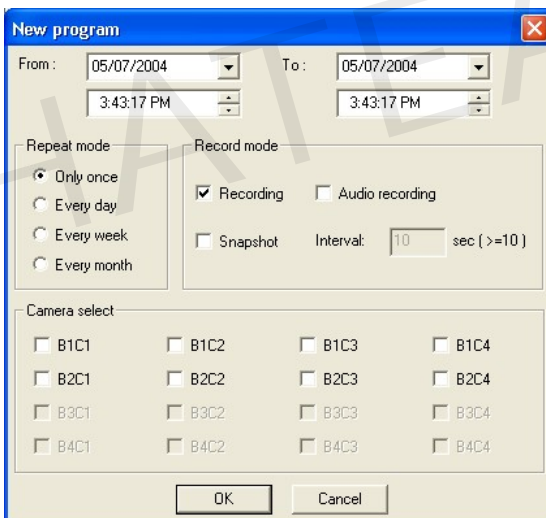
3.10 Program Setup (Scheduled Recording)

Selected the program setup menu, the following will be shown:



3.10.1 New Recording Schedule

Click **Add** and the following will show



- Please enter start date/time and end date/time into **“From”** and **“To”** fields respectively. In inputting the date/time, you may type them directly onto the fields or click the up/down arrows to the right of each one of the fields.
- Select **“Repeat Mode”**: One selection only:
 - **Once Only (Only Once)**: Please input the starting and ending dates/time.

- **Once a day (Every Day):** The date fields are disabled because the option is “daily execution”. Please input the starting and ending time.
- **Once a week (Every Week):** It is required to input the starting and ending days of the week /time. The “date” field automatically changes to “Day of the Week” when it is clicked.
- **Once a month (Every Month):** It is required to input the starting and ending days of the day /time. The “date” field shows the day only but no year and month.

Note: If the desired schedule time crosses 12:00 is recommended to split the schedule into two, Split PM6:00:00~AM9:00:00 into PM6:00:00~PM11: 59:59 And AM12:00:00~AM9:00:00.

■ **Recording Mode:**

- **Recording:** Normal recording mode.
- **Audio Recording:** Simultaneously audio recording with Video recording. Can only start audio recording when video recording start.
- **Snapshot:** It makes the system take snapshots at a predetermined time interval. **Chateau system** saves the image files into a default folder named “**Picture**”.
- **Interval:** This is the time interval for snapshots. Defaulted is at 10seconds. It is recommended not to set the interval at too short time to save some hard disk spaces.

■ **Camera selection:** This is to select the required cameras for the above schedule for recording.

■ When all of the schedules are set, click the **OK** to add it to the schedule list.

3.10.2 Edit Program

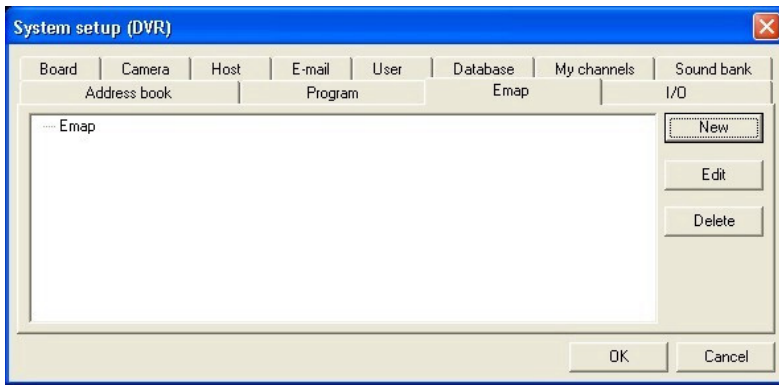
Click **Edit** or double click on the desired program for edition.

3.10.3 Deleting a recording schedule

Simply click on the desired schedule entry and then click the **Delete** button to delete the schedule. (Only the **System Administrator** can delete the recording schedule.)

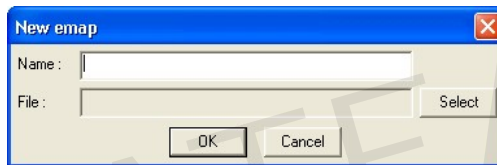
3.11 E-map

Chateau program supports e-map function for more efficiency management. The following E-map setting will be shown when enter to e-map setup.



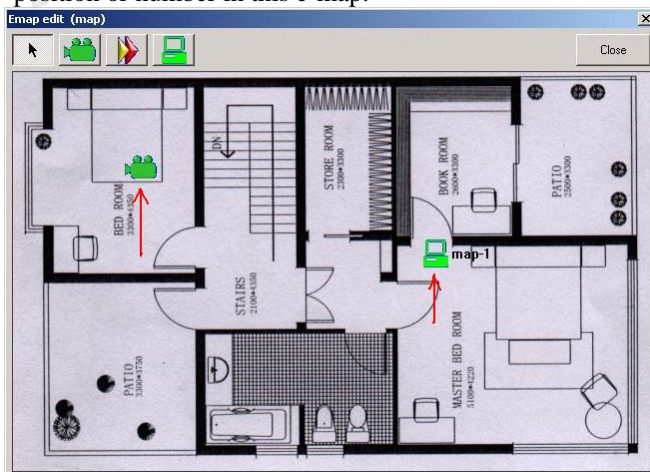
3.11.1 E-Map setting



- **Add E-map:** Click **New** button then the Add New E-Map dialog will pop up. Firstly enter a map name for easier search. (ex. 1st floor, center court etc). Then click **SELECT** to select the map file. The Map files have to be .BMP format; map files have to be .BMP format, the map resolution 640 x 480.

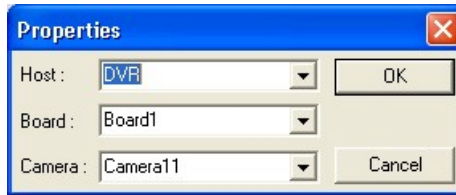



After setting click **OK** button to finish the new setting. Then the Edit E-Map dialog will pop up.

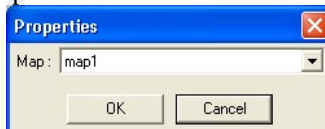
- **Edit E-Map:** Select the E-Map name for edition. Click **EDIT** button, then an Edit E-Map Dialog will pop up to edit the camera position or number in this e-map.




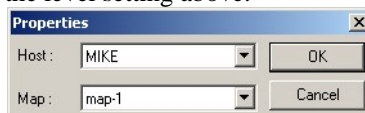
- **Add Camera:** To add a camera onto the map, click  button on the left upper corner; the cursor then turns to “+”, Move the cursor to the desired position and then click left button of mouse to finish the camera location setup. As illustrated above, the red arrow points to the newly added camera. After setting, the Camera Properties dialog will pop up.
- **Camera Selection:** Double click  the camera properties dialog will pop up as below. You can then setup the desired Host name, VGuard Card and Camera number. Click **OK** to combine camera with E-Map.



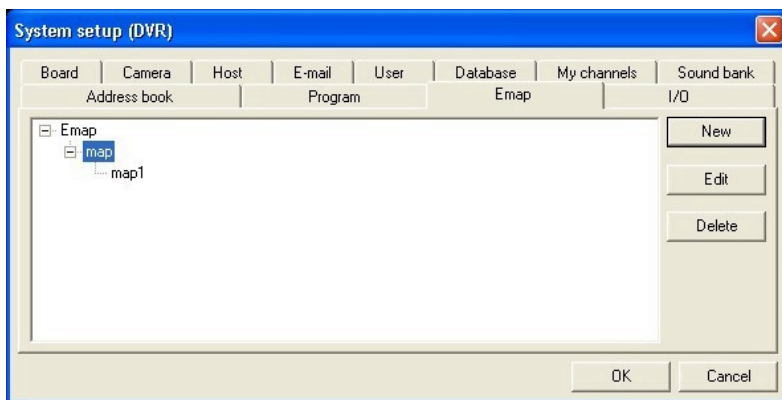
- **Level Setting:** Select the  button on the left upper corner to add the level button on the map. The cursor then turns to “+”, Move the cursor to the desired level button position and then click left button to finish the button location setup. After setup, the map level property dialog will pop up.
- **Map Level Selection:** Double click on the level button, and then it is to establish the next e-map correspondence with this e-map position. In this way, you may combine this e-map with the next e-map. This function can combine e-maps to become a multi level e-map structure.



- **Host setting:** If the cameras belong to the same host, by clicking the  icon you can create a map for this host. Setting is the same as the level setting above.





Note: To set the next level e-map, you have to setup that level's e-map first. Click **Add** button at the last level e-map name to select the next level e-map. Please refer to **Add new e-map** to finish the setting. The following menu will show:

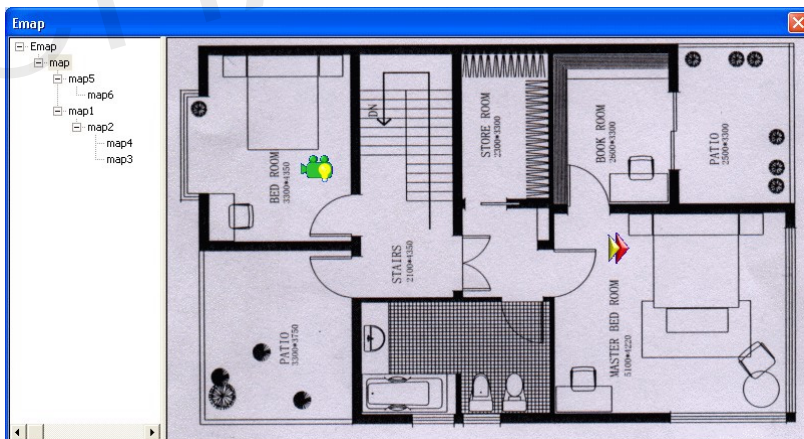


It is suggest setup all tree type e-map setting before you edit the correspondence camera position and number to the e-map.

- **Delete E-Map:** To delete a camera entry from the list, click on the desired entry and then click **Delete** button. The camera entry then is deleted.
- **Close E-Map:** Click **Close** to exit the E-map Setup function.







3.11.2 E-map Operations

Click  from the setup functional panel, the following E-Map dialog will be show. Double click on the camera logo on e-map. It will switch to the main picture of the correspondence recording host. The camera that the camera logo correspondence to will have  points to. Click the right button of the mouse to the selected camera will see the camera's properties. Click the right button of the mouse to the level button will see the level's properties.




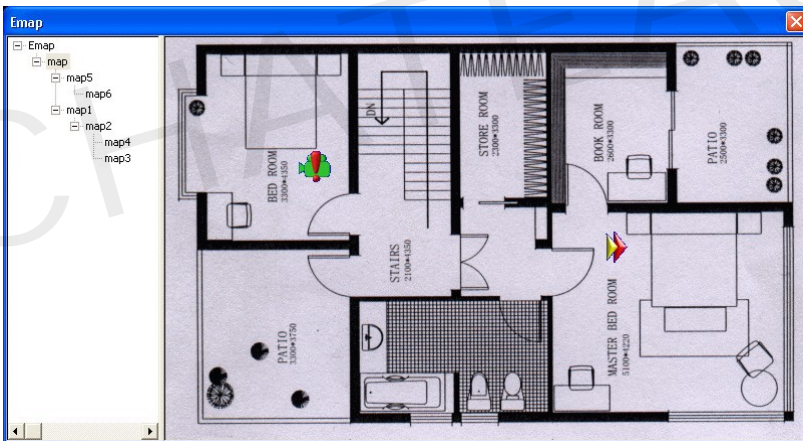
As shown on the left hand side of the above picture, this tree form graph is to select the e-maps for different level when there are 2 or more e-maps.


Camera Logo explanation:

-  (Grey Camera, light on) indicates that the camera is **recording**.
-  (Grey Camera, Light off) indicates that the camera is **idle**.
-  (Grey Camera and a Stop sign) it indicates that there might be faulty setting for host name, Board ID, or camera ID. If it happens in the remote monitoring mode, it indicates that the host name was not the same with the remote Chateau system or not yet connected with the Chateau system.
-  (Green Camera, Light on) it indicates that the selected or correspondence camera is **recording**.
-  (Green Camera, Light Off) it indicates that the selected or correspondence camera is **idle**.
-  (Exclamation mark) it indicates that the alarmed is triggered.

3.11.3 E-map and Alarm

In addition to the preset alarm functions (Refer to [Chapter 6.1 Alarm Setup](#) for detailed descriptions), as a recording camera activates alarm function and an alarm is triggered, click  button and it will come to the following screen:



As illustrated above,  icon denotes a camera triggering an alarm. Thus, it is easy to locate the alarming camera on the e-map and be taken care speedily.

3.12 I/O Devices

Please refer to [Chapter 7 I/O Device](#) for more detail.

Chapter 4: Recording

After a user finished camera setup, the recording can be activated. When clicking the recording button, system will activate video and audio recording preset by the user as follow.



4.1 Recording Windows



: This icon shows the selected camera. Click on the selected camera, this icon will be shown on the Top right hand side of the selected cameras display. The correspondences cameras will be shown with this icon when under PTZ controls.



: This icon shows that the camera is under “Schedule Recording” Status.



: This icon shows that the camera is under “Alarm Triggered”.



: This icon shows that the camera is under “Recording” Status. The icon will not be shown when the camera is under “Monitoring only” mode.



: This icon shows that “Live Audio playback” is available with the selected camera. You will have to activate the “Live audio” function from “Host” setup and audio recording function from the “Camera” setup.



4.1.1 Activate Recording of Cameras

You may open all of the windows and start recording of all cameras by clicking the button.



4.1.2 Inactivate Recording of Cameras

You may close all the windows and stop recording of all cameras by clicking the button.

4.1.3 Camera Status Display



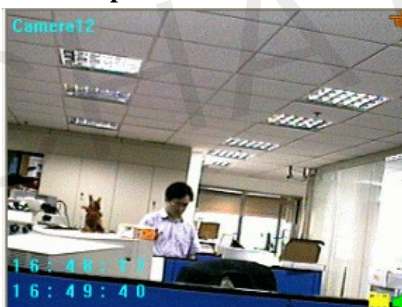
The above screens indicates when the camera is not recording yet and is still idle; the camera is working, but the view is not displayed (recording still normally working); and the camera is not connected.


Note: Chateau program version does not support for each camera to activate and inactivate recording individually. All cameras need to be activated and inactivate at the same time.


4.2 Image Function Button:



4.2.1 Caption




Click the  in the system status area to display camera name, start recording time and current time like below:


Please click the  button to cancel the caption of camera.

4.2.2 Caption color



You may change the color of the caption of the selected camera by clicking  button; the following window then appears; select the desired color and then click the **OK** button. The setting then finishes.

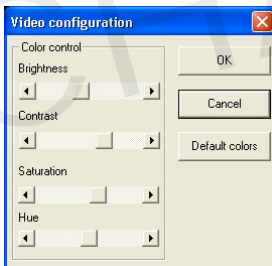
4.2.3 Unmask Motion Detection Area


By pressing the  button in the status panel lets you cancel all of the motion detection areas of the designated camera.

4.2.4 Snapshot

This button lets you capture still images during recording. (This function works only when cameras are turned on.) Images are saved as JPG file format. The system will automatically name the file and save in the database or in the file path by the setting in the host. Please refer to **Chapter 5.3 Load snapshot/print snapshot** for more detail.

4.2.5 Video Configuration



This button lets you change the video configuration of a camera. Click the  button in system status panel. The video configuration dialog will pop up like the left hand side. Simply drag the respective buttons to adjust the image's brightness, contrast, saturation and hue. To return to the system default settings, click the **Default Colors** button.

4.3 Recording Setup

To preset the recording function before camera activated. Please refer to the following for more details.

4.3.1 Camera Setup

You need to preset the camera function before activate recording like below.

Board	Camera	Host	E-mail	User	Database	Emap	My channels	I/O
	Camera name	R	D	A	L	PTZ control	Image	Alarm
<input checked="" type="checkbox"/>	Camera11	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	ptz	Setup	<input type="checkbox"/> Setup
<input checked="" type="checkbox"/>	Camera12	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	No ptz control	Setup	<input type="checkbox"/> Setup
<input checked="" type="checkbox"/>	Camera13	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	No ptz control	Setup	<input type="checkbox"/> Setup
<input checked="" type="checkbox"/>	Camera14	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	No ptz control	Setup	<input type="checkbox"/> Setup
<input checked="" type="checkbox"/>	Camera21	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	No ptz control	Setup	<input type="checkbox"/> Setup
<input checked="" type="checkbox"/>	Camera22	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	No ptz control	Setup	<input type="checkbox"/> Setup
<input checked="" type="checkbox"/>	Camera23	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	No ptz control	Setup	<input type="checkbox"/> Setup
<input checked="" type="checkbox"/>	Camera24	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	No ptz control	Setup	<input type="checkbox"/> Setup
<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		Setup	<input type="checkbox"/> Setup
<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		Setup	<input type="checkbox"/> Setup
<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		Setup	<input type="checkbox"/> Setup
<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		Setup	<input type="checkbox"/> Setup
<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		Setup	<input type="checkbox"/> Setup
<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		Setup	<input type="checkbox"/> Setup
<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		Setup	<input type="checkbox"/> Setup
<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		Setup	<input type="checkbox"/> Setup
<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		Setup	<input type="checkbox"/> Setup

☐ All camera enable R: Record D: Display A: Audio L: check video Lost
☐ All alarm enable ☐ All record ☐ All display ☐ All audio ☐ All check

OK Cancel

Every cameras have the same optional and functional settings. Each setting is detailed as follows.

■ Camera function setup

- **Enable Camera:** The image will only be shown relatively in the image section when this function for each camera is ticked. It also means the activation of the camera.
- **Enable recording (R):** Select this function to activate camera recording. If not chosen, the camera will be under monitoring mode. It only displays image, not recording.
- **Display image (D):** The image will only be displayed when this function is selected. If not selected, the image will not be shown. But if the recording function is activated, it will not be affected. (It will display "working")
- **Enable Audio recording (A):** When the function is selected, the recording of the audio will be activated when video recording is activated.
- **Check video lost (L):** Every camera has its independent check function of video lost. When the option is selected, any reason that makes the camera lose the signal may trigger the alarm function.
Noted: Enable alarm option must be selected and setup for this function to be activated.
- **Enable Alarm:** Selected this function to enable the alarm function. After it is enabled, the alarm setup can be done by pressing the button on the right-hand side. (After enabling the alarm and finishing the setup procedure, together with the Motion

Detection setup to finish setting up of the alarm detection function).

■ **Camera Name Setup:**

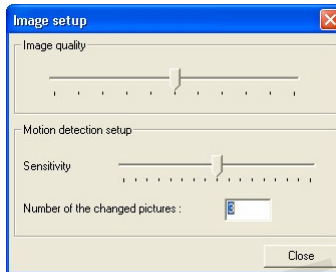
A user can set the camera name for easier access and search. When an alarm is triggered, the area can be found promptly.

■ **PTZ control select**

When a PTZ camera or speed dome camera is connected, you will be able to control up, down, left, right, zoom in and zoom out of the camera. After the camera setting (Refer to I/O setup), a setup of the PTZ control correctly is essential to be able to control the camera to rotate, zoom in and zoom out correspondent correctly

■ **Image Setup:**

Click the “Setup” button, the Image setup dialog will pop up as below:



- **Image Quality:** This function lets you adjust the image quality. By clicking the left button of mouse and hold and drag it down to the left or the right to the desired quality. High image quality means low compression ratio (i.e. a larger video file sizes); by contrast, low image quality means high compression ratio (i.e. a smaller video file size).
- **Sensitivity:** It lets you adjust the sensitivity of alarm triggering depending on different operating environment, e.g. the quality of camera, distance, lightness, background lightness and object size.

Note: High sensitivity may cause false alarms as well as increases the amount of data generated by recording. In adjusting the sensitivity, it is recommended to take the camera quality and the surrounding environment conditions into account in order to avoid false alarms.

- **Number of the changed picture:** Alarm will be triggered only if the number of variations occurred to continuous images exceeds default limit. You may adjust this limit to avoid false alarms.

4.3.2 Camera display Mode:

There are four camera display modes:

1. Monitoring and Recording (Display camera images): Activate recording options and display image options.
2. Monitoring but not Recording (Display camera images): Inactivate recording options and open display view options.
3. Recording but not Monitoring (Display Working): Activate recording

options and close display image options.

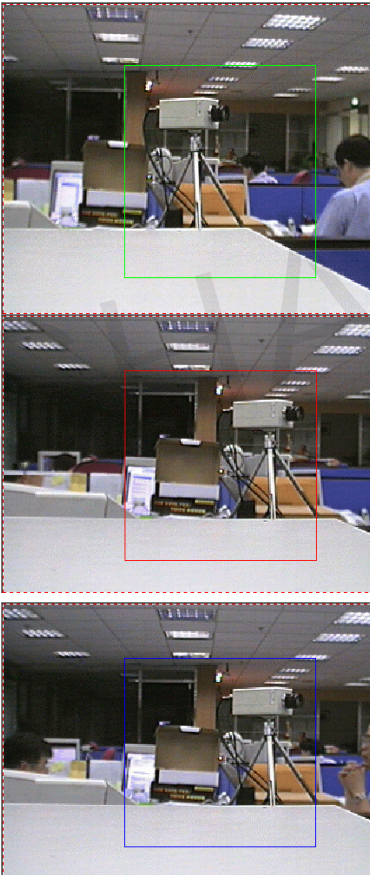
4. Not recording and not monitoring (Display Working): Inactivate both recording options and display image options.

When the “Recording” mode is turned on, the System Status panel is shown as VIDEO. When the recording mode is turned off, the System Status panel will not be shown.

Audio recording will be activated at the same time when the indicated camera starts recording when the “Enable audio” mode is turned on. System Status panel is shown as AUDIO. When the mode is turned off, the System Status panel will not be shown.

4.3.3 Motion Detection Setup

During recording, if you select a motion detection area (by clicking on the original point, holding the left button of the mouse, dragging it to the desired point, and then releasing the button.), the system then undertakes motion detection against the selected area. There is no limit to the number of motion detection areas.



The mask area in the photo on the left is the motion detection area. The green color frame means that no alarm is triggered.

In the left photo, the detection area is shown in red color, to mean that an alarm is triggered. (Enable Alarms of the Alarm Setup option on the Camera Setup screen must be enabled before alarm triggering can work for the motion detection area.)

The detection area in the photo on the left is shown in blue color, to mean that alarms are triggered but Enable Alarms of the Alarm Setup option in the Camera Setup screen is not enabled.)

4.3.4 PTZ control select

This option lets you select PTZ control device. By clicking **Select** button, the following PTZ control setup window for **Chateau System** prompts. (Provided that camera name, type and address in the **I/O Device** window on the System functional section must be set up in advance.) Then, click the desired PTZ control device entry.

4.3.5 Alarm setup

By clicking Enable Alarm then click **Setup** Chateau System will enter Alarm setup. Please refer to **Chapter 6 Alarms** for more detail.

4.4 Preview

During recording, a user needs to preview image certain time; select the desire camera under recording window. Click the right button of the mouse, and select **Preview**. The following will show:



Input the time needed for preview, (The time at the right hand side is the time which you select this function). Time range for preview is 1~99 minutes.


If there is no recorded image in the preview time set, the system will automatically search for the earliest file for playback in the time range. When there is no valid recorded file saved due to the short recording time, or when there is not file in the appointed time, a invalided messages will be shown.

While remote monitoring and recorded, because the image will be saved in the remote system's database, so the preview function is still available. Operation is as same as local host. When the selection of not recording while remote monitoring is selected, then this function will not be available.

Chapter 5: Playback

In the following description, you will be able to find the saved video file and load picture function as follow.

5.1 Video Playback

Click  button. The system function panel will switch to the playback function panel:



You can search for the video files you want to playback, but you will need to input the Host ID and the search option.

5.1.1 Parameter Mode

■ Search By Date:

To search for video files by date (including year, month and day).

■ Search By Time:

To search for video files by the start/end date and time (including year, month, day, AM/PM, hour, minute and seconds)

■ Search By Host name:

Searching of the host name include the host name itself and the connected remote hosts. (All the hosts which had been connected through **Chateau** system, had monitored image, and had saved video files in its own database, then it can be found by the host name.)

■ Search By Camera:


Only the cameras which had saved video files can be selected. If no files in it, then it can't be selected.

Note: Maximum of 4 cameras can be chosen in one time. You need to play the files chosen to be able to select another 4 cameras needed. You do not need to exit the played file to have more than 4 cameras playing at the same time.

After selecting the searching parameters, click the **Play** button to play. Below picture is showing you the playback of 4 files at once.



5.1.2 File Mode

Clicking the  File Mode button on the Playback Panel the following screen will be shown.

	Open	Download	Export	Delete	Close
ChateauXP Host					
DVR					
VgDatabase(c:\)					
2004/05/07					
dvr					
Video					
Log					
Alarm					
2004/05/06					
notebook					
VgDatabase(c:\)					
2004/05/07					

Start time	End time	Board name	Camera name	Video size	File length
04/05/07, 17:17:00	04/05/07, 17:17:01	Board2(2)	Camera24(4)	640X480	197Bytes
04/05/07, 17:17:00	04/05/07, 17:17:01	Board2(2)	Camera23(2)	640X480	209Bytes
04/05/07, 17:17:00	04/05/07, 17:17:01	Board2(2)	Camera22(2)	640X480	173Bytes
04/05/07, 17:17:00	04/05/07, 17:17:01	Board2(2)	Camera21(1)	640X480	185Bytes
04/05/07, 17:17:00	04/05/07, 17:17:01	Board1(1)	Camera14(4)	640X480	26KB
04/05/07, 17:17:00	04/05/07, 17:17:01	Board1(1)	Camera13(3)	640X480	26KB
04/05/07, 17:17:00	04/05/07, 17:17:01	Board1(1)	Camera12(2)	640X480	27KB
04/05/07, 17:17:00	04/05/07, 17:17:01	Board1(1)	Camera11(1)	640X480	28KB
04/05/07, 17:16:59	04/05/07, 17:16:59	Board2(2)	Camera24(4)	640X480	197Bytes
04/05/07, 17:16:59	04/05/07, 17:16:59	Board2(2)	Camera23(2)	640X480	209Bytes
04/05/07, 17:16:59	04/05/07, 17:16:59	Board2(2)	Camera22(2)	640X480	173Bytes
04/05/07, 17:16:59	04/05/07, 17:16:59	Board2(2)	Camera21(1)	640X480	185Bytes
04/05/07, 17:16:59	04/05/07, 17:16:59	Board1(1)	Camera14(4)	640X480	26KB
04/05/07, 17:16:59	04/05/07, 17:16:59	Board1(1)	Camera13(3)	640X480	26KB
04/05/07, 17:16:59	04/05/07, 17:16:59	Board1(1)	Camera12(2)	640X480	27KB

The screen will be divided into left and right sections. The left display the saved video images in the files. The right displays the saved video images. It contains continuously and snapshot images. Both kinds of video can be played by this playback function.

In the file mode, you will be able to find the level structures in the database. The levels are as follow.

- **Host:** The top level is the host name. Exclude its own host name, it also include the connected host name. A user will not be able to see the connected host name if access not allowed.
- **Database:** The second level is the database. The name and the files name are set in the database setup.
- **Date:** The third level is the date file. **Chateau** saved the video files in

one date file everyday. Not only for easier search, but also to delete one date's file at a time for circulated recording when a hard disk had not enough spaces.

- **Host Name:** The fourth level still uses the name of the host. This host name is the host where the saved files are from. A local host name means that a local host saves the files. If the host name is not a local host name, it means that the files are saved from other **Chateau** host when doing monitoring.
- **File:** The fifth level consists of three achieve names, **Video**, **Picture**, **Alarm** and **Clip** 4 kinds. Continuously images are saved in the video files. Picture saves the snapshot. Alarm saves the image files when alarm triggered, and clip saves the video cut.

When you find the file you desire from the left side of the screen, double click the mouse or the right button of the mouse to open the archive from the right side of the screen to play the chosen images.

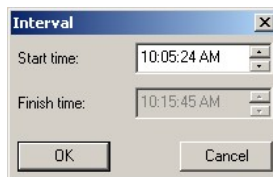
Note: Playback of the camera files is limited by user's authorization. User will only be able to see the recorded files that are authorized to monitor, other recorded files will not be shown on the list. Please refer to user setting for authorization setup.

V2.xx and V3.xx can remote each other, however, some connecting functions might not be able to perform normally under file mode. It is suggested to use the same version.

■ Open File:

In the file mode, 4 images can be played simultaneously by click on the **Open** to open the archives.

Note: In V3.xx version or later, under file mode, select the remote database images, the **Open** function will enable users to designate the start playback time. You will not need to download the whole files. However, this function will not save the files.

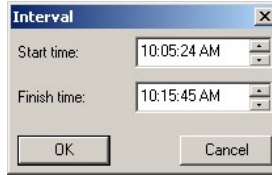


■ Download:

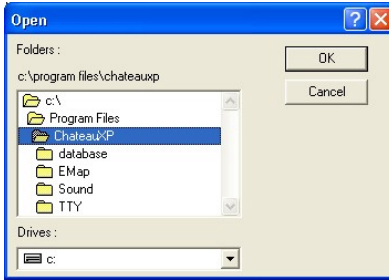
Select the file from other host's database; by clicking the **Download** button, you will then be able to transmit the file to the database in the local site. (A local site named file will then be stored in the local site database).

Note: V3.xx or later, under file mode, Select the file from other host's database; by clicking the **Download** button, the following window will be shown, you can designated start and end time to be download, no need

to download the whole files. This function will save the file.



■ Export:



Selected the file need to be exported. Click the right button of the mouse and chose **Export** function. The following screen will be shown. Select the Folder then press **OK** to export the file to the specified file path

■ Delete:

Simply click the right button of the mouse and select Delete to delete a video file. (Only System Administrator can delete a video file).

■ Close:

Click **Close** to exit the file mode.

5.2 Video File Playback


By double-clicking on the desired file in the video file area, you can playback the video file as illustrated in the following window.




The playback window consists of four parts, including

- **Message area:** It includes the relevant information such as host name, time zone and operating status.



- Host Name and Time Zone
- Recording date for Video File
- Operating Status: All operating status include “playing” or “pause” etc.
- **Video Playback image:** It includes the information such as time, VGuard card names and camera names.
 - Displays the start date/time of the recording file.
 - Displays the end date/time of the recording file.
 - Display the recording date/time of the current display.
- **Playback Time Scroll Bar:** This displays the relative time position of the current display in the video file. You may speed up the playback by dragging the time pointer using mouse or by the functional buttons, 



- **Playback control panel:** It consists of basic function control panel and the extended functional control panel. And when pressing the  button, the extended functional control panel will be shown as below. Press the button to hide this extended functional control panel.



Each playback function button is described as follow:

5.2.1 Stop

This is to stop the current playback not the playback window.

5.2.2 Play

This button functions the same as Play button of traditional video player. When clicking this button during fast or slow playback, the playback speed returns to normal.

5.2.3 Pause

This button functions the same as Pause button of traditional video player. By clicking this button during playback, the playback pauses. To continue the playback, re-click this button or playback button.

5.2.4 Backward Search


This button function the same as the Rewind button of traditional video player. Click this button, and the video will move backward for a number of

frames (160 frames).


5.2.5 Forward Search

This button functions the same as the Forward button of traditional video player. Click this button, and the video moves forward for a number of frames (160 frames).

5.2.6 Forward with single Image

When this button is clicked, the video will moves forward for a single image each time. The image will be hold until  play button is clicked. Then the playback speed will be back to normal.

5.2.7 Backward with single Image

When this button is clicked, the video will moves backward for a single image each time. The image will be hold until  play button is clicked. Then the playback speed will be back to normal.

5.2.8 Snapshot

By clicking this button, you may capture still images during video playback. If there is caption text on the video, the captured images will contain the caption text information. The captured image is stored in JPG format. (File name will be forms automatically or by the designated directory set in Host setup.)

5.2.9 Start Video Clip

Click this button during video playback, and the video cutting will begin. The record time will become the start of the video cut.



5.2.1 End Video Clip

Click this button during video playback, and the video cutting will end. The time will become the end of the video cut.




5.2.11 Save the Video Clip

Click on this button, and it will be saved under the Clip folder in that particular date or by the designated directory set in Host setup.


5.2.12 Playback clip

After video is cut, you may playback the cut video by clicking this button.

5.2.13 Caption

Click the  icon, the playback window shows the name of the camera, the starting time, ending time and current time for recording

5.2.14 Caption Color

Click the  icon; the user can change the color of the caption.

5.2.15 Zoom In

You may click the button to enlarge an image from its current size. Each click will enlarge the size by 25%; and click it again to further enlarge it by another 25%; and so on up to the 200%.

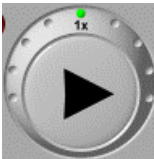
5.2.16 Zoom Out

You may click the button to reduce an image from its current size by 25%; and click it again to further reduce it by another 25%; and so on down to 100%.

5.2.17 End


Click the button to stop the playback function and to close the playback window.

5.2.18 Fast playback and slow playback



Left is the control panel for playback speed. The middle is playing at the speed of 1x. By clicking to each point to the right, the speed will increase from x2, x4, High Speed and Extra High Speed. And by clicking each point to the left, the speed will playback at a speed of 1/2, 1/4, 1/6, and 1/8.




5.3 Load Snapshot / Print Snapshot

The snapshot files captured during recording, playback or alarm can be view using this option. Firstly click the **file mode**  on the right hand bottom side of the **playback panel**. The following will be show. Select the date and recording host name for the desired snapshots, and select the **Picture** directory, then the snapshot files will be shown on the right hand side.

		Open	Download	Export	Delete	Close	
		Start time	End time	Board name	Camera name	Video size	File length
[-]	ChateauXP Host	04/05/07,17:27:01	04/05/07,17:27:04	Board1	Camera11	640X480	900KB
[-]	DVR	04/05/07,17:27:37	04/05/07,17:27:38	Board1	Camera13	640X480	900KB
[-]	VgDatabase(c:\)	04/05/07,17:27:38	04/05/07,17:27:39	Board1	Camera13	640X480	900KB
[-]	2004/05/07	04/05/07,17:27:39	04/05/07,17:27:40	Board1	Camera13	640X480	900KB
[-]	dvr	04/05/07,17:27:40	04/05/07,17:27:41	Board1	Camera13	640X480	900KB
[-]	Video	04/05/07,17:27:41	04/05/07,17:27:42	Board1	Camera13	640X480	900KB
[-]	Picture	04/05/07,17:27:42	04/05/07,17:27:43	Board1	Camera13	640X480	900KB
[-]	Log	04/05/07,17:27:43	04/05/07,17:27:44	Board1	Camera13	640X480	900KB
[-]	Alarm	04/05/07,17:27:44	04/05/07,17:27:46	Board1	Camera13	640X480	900KB
[-]	2004/05/06	04/05/07,17:27:46	04/05/07,17:27:47	Board1	Camera13	640X480	900KB
[-]	notebook	04/05/07,17:27:47	04/05/07,17:27:48	Board1	Camera13	640X480	900KB

Double click on that file to open the snapshot dialog.



-  **Zoom In:** Click the button to enlarge the picture.
-  **Zoom Out:** Click the button to reduce the picture.
-  **Print:** Click the button to print out the picture chosen. (Printer driver setup is necessary before using this function)

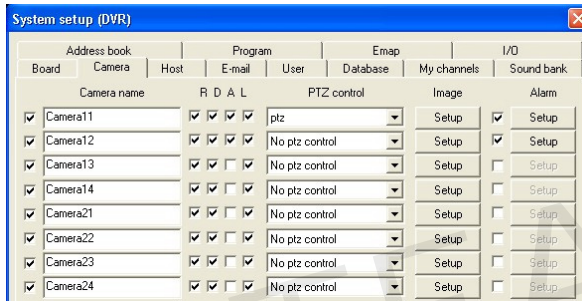
Chapter 6: Alarms

Chateau system’s alarm functions are categorized, by way of triggering, into three types as follows:

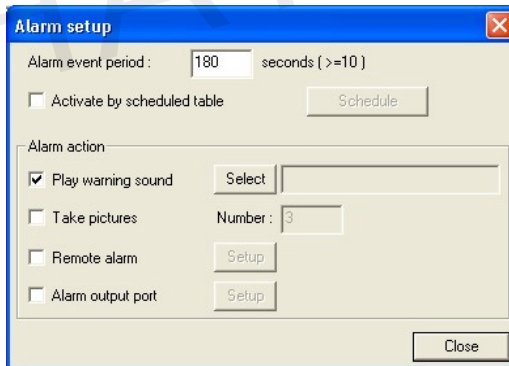
1. Triggered by image alteration in motion detection area.
2. Triggered by “Video lost”.
3. Triggered by (sensor) signal from the input port (please refer to **Chapter 7 IO Device** for more information.)

6.1 Alarm Setup

Each camera has its own independent alarm setting. You can find the related activation options and setting buttons in Camera Setup dialogue window on the Camera Setup Section.



You need to tick enable of the alarm in the alarm setup before you can setup the alarm. By click the **Setup** button to enter into the alarm setup window.

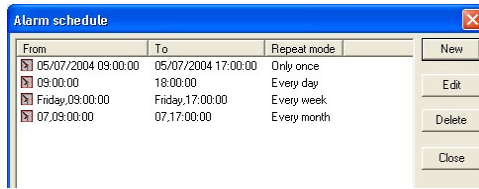


6.1.1 Alarm Event Period

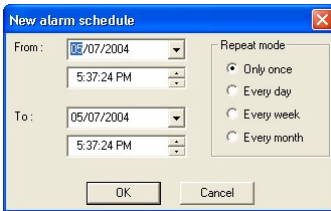
This is to set the length of time that an alarm will last. No new alarm will be triggered during this duration. The default value is 180 seconds. The minimum is 10 seconds. It is recommended to set the value for more than 60 seconds.

6.1.2 Activate condition

You may activate alarm functions by a predefined **Schedule** table. After you select Activate by schedule table and click the **Schedule** button, the following Schedule window displays.



■ Adding a new alarm schedule:



Click the **New** button to add a new schedule. There are four repeat modes with alarm schedule: **Only Once**, **Every day**, **Every Week** and **Every month**. First, select the desired repeat mode. Then, input start/end day (week) and time into the boxes to the right of "From" and "To" fields. You may input

directly or click the arrows to the right of the fields, and click **OK** button to add a schedule to the list.

Note: If the time to be set crosses 12:00 of the midnight, it is recommended to split the schedule into two, e.g. Split PM6:00:00~AM9:00:00 into "PM6:00:00~PM11:59:59" and "AM12:00:00~AM9:00:00".

■ Editing the schedule:

Click the desired schedule and click the **Edit** button or double click the mouse to edit the schedule.

■ Deleting a schedule:

Click the desired schedule and click the **Delete** button to delete a schedule. (Only the System Administrator can delete a schedule).

■ Closing the schedule window:

Click **Close** button to exit the window.

6.1.3 Alarm Actions

The alarm actions can be separate into **Local Alarm** and **Remote Alarm**. Listed below are four items:

- **Playing warning sound:** This is local alarm. When this is enabled, Chateau System will play the assigned alarm sound file when alarm triggered.

Select this option and click **Select** button, the Alarm sound file dialog will pop up. Select the wanted sound files and click **OK**. The name of the sound file will be display on the playback column to finish the alarm sound file selection.

- **Snapshot:** This is local alarm. When this is enabled, Chateau System

will snapshot the image when alarm triggered. The Snapshot pictures will be saved under **Picture** directory on the alarm date.

Select this option and you can enter the continuously snapshot number and picture number.

Note: Enable this functions might share lots of hard disk spaces. Please be aware.

- **Active the output device:** This is local alarm. Enable this option, Chateau system can control the local site output device when alarm triggered. Ex. Alarm bells, switch gear.

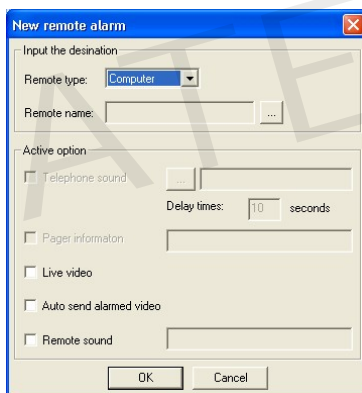
Select this option, click the setup button and the **Setting Output control panel** dialog will pop up for setting the output device. Please refer to **Chapter 7 I/O** device for more information.

- **Remote Alarm:** Enable this option, Chateau System can then activate remote alarm function when alarm triggered. An alarm action list had to be set for remote alarm. Chateau System will follow the list order to activate the alarm remote when alarm triggered. Please refer to **Chapter 6.2 Remote Alarm Setting**.

6.2 Remote Alarm Setup

6.2.1 Add New Remote Alarm setting

Click **New** and the Add remote alarm setup dialog will pop up.



- **Select Remote alarm type:**

You can see three remote types when you scroll down by mouse. Please select the one you need.



- **Telephone:** it can dial out to a number of normal phone or mobile phone. Action options available: phone messages.
- **Pager:** it can dial out to several numbers of pagers. Action options available: paging messages.

- **Computer:** It can notify numbers of remote **Chateau** systems.

Note: if a modem is used to dial out, it can dial once only and all the phone and pager schedules must be cancelled. Action options available: Live video, Resending of alarm images when remote host connected and remote alarm sound.

Click and the remote selection dialog will pop up. The dialog will display the correspondence remote device list. Select the remote name and click button to finish the remote device selection.



■ Alarm options available:

- **Telephone Sound:**

Click button to open **alarm sound bank**, and select the desired sound. Redial time: To setup the redial times if not connected. The waiting time will be the time setup in the **modem dial timeout** function from the host menu of the System Setup.

- **Paging Messages:**

Send a paging message to a remote pager

- **Live Video:**

During the **alarm duration**, send the live video to the designated remote **Chateau** System

- **Auto send Alarmed Video when remote host connected:**

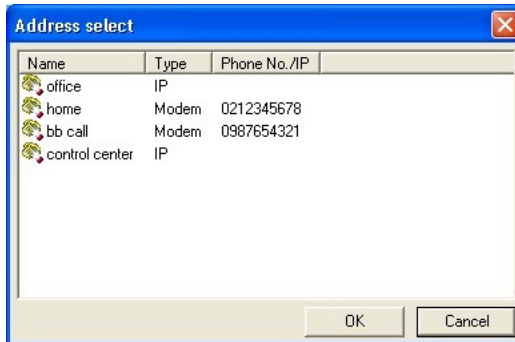
When sending of live video to the remote system is set. Since the remote system is not connected, the remote host will not be able to receive any alarm messages when alarm triggered. If this function is activated, the alarm images files (Saved in the **Alarm** folder in the database) will be resend to the remote host from local Chateau system when connected

- **Remote Sound:**

The Remote Alarm Sound is played and is used to warn the remote person for fast reaction when the alarm is triggered.

After activated this function, you can enter the name of the remote alarm sound database in the space at the back. (**Note:** This sound file is not play from the transmission from the Chateau system, which triggered the alarm to remote Chateau system. The sound file is in the remote **Chateau** system. Remote Chateau system will search for the same sound file in the **alarm sound database**.)

- Click **OK** button to finish set up the remote alarm action.



Note: The duration of local alarm shall match the time required by the remote alarm actions, to avoid the turn off of the local alarm when disconnection between the local alarm and remote site (e.g. a modem). The recommended value should be minimum 60 seconds.

- Remote Alarm Actions Setup column explanation:

- Remote Type: it displays the type of the remote device.
- Remote Name: It displays the name of the remote end.
- Action: the set actions

Telephone: Telephone speech. Inside the () is the playback message file name and the times of redial

Paging: Paging Message. Inside the () is the playback message code number

Recording: Transmitting live time image to Chateau System remote site for recording.

6.2.2 Editing the remote alarm setup

Select the setting to be edited. Click the **EDIT** or double click the mouse to edit the alarm settings.

6.2.3 Deleting the remote alarm setup

Select the setting to be deleted. Click **Delete** button to delete a schedule. (Only System Administrator can delete a remote alarm setting).

6.2.4 Finish remote alarm setup

Click **Close** to finish remote alarm setting.

6.3 Alarm Log

You can find the **Alarm/User log** button in the **Setup functional Panel** in the **System Function** section. The Alarm/User log dialog is as below:

Alarm/User log							
Search date: 05/07/2004		Open	Clear all	Print	Close		
Alarm time	Host	Board	Camera	Type	Source	Confirmation	
05/07/2004 16:21:23	DVR	Board1	Camera12	Local	Camera	No	
05/07/2004 16:16:38	DVR	Board1	Camera12	Local	Camera	No	
05/07/2004 16:13:37	DVR	Board1	Camera12	Local	Camera	No	
05/07/2004 16:13:59	DVR	Board1	Camera11	Local	Camera	No	
05/07/2004 16:11:19	DVR	Board1	Camera11	Local	Camera	No	

Host name	User name	Time	Action	User type	Note
notebook	aaaa	05/07/2004 17:16:51	File start	Remote (TCP/IP)	
notebook	aaaa	05/07/2004 17:16:45	Login	Remote (TCP/IP)	
DVR	aaaa	05/07/2004 15:20:01	Login	Local	
DVR	aaaa	05/07/2004 12:16:35	Logout	Local	
DVR	aaaa	05/07/2004 10:26:29	Login	Local	
DVR	aaaa	05/07/2004 10:17:04	Logout	Local	
DVR	aaaa	05/07/2004 10:07:35	Login	Local	
DVR	aaaa	05/07/2004 08:23:46	Logout	Local	
DVR	aaaa	05/07/2004 08:23:35	Login	Local	
DVR	aaaa	05/07/2004 08:21:26	Login	Local	

When the local **Chateau System**'s alarm is triggered or an alarm is received from the remote end, these alarms will be logged to the alarm log in the order of occurrence time. The log sheet (table) will display the alarm time (occurrence time), the name of the host that triggers the alarm, VGuard board name and camera name, alarm type (i.e. local or remote), and the way the alarm is triggered, i.e. by intrusion into the motion detection area (Camera), by video lost, or by the signal received from the input port.

The confirmation section in the alarm log indicates when the alarm video is played; the confirmation section will change from "No" to "Yes". This means that the alarm log has been checked. Click **Open** button to play the alarm video of the selected alarm log entry; or directly double click on the desired alarm log entry to play its recorded alarm video. If no video file exists, then nothing will happen.

The **System Administrator** can click **Delete** by clicking the right mouse button to delete an alarm log entry. Click **Delete all** to delete all of the alarm log entries.

Click **Print** button to print out the alarm log. The alarm log will be deleting by recycling with the video files. If user wants to keep the alarm log, it is recommended to print it out.

When the alarm is triggered by local or remote **host**, the host icon will be changed. Click the alarmed "Host", the icon will back to normal.



Chapter 7: I/O Device

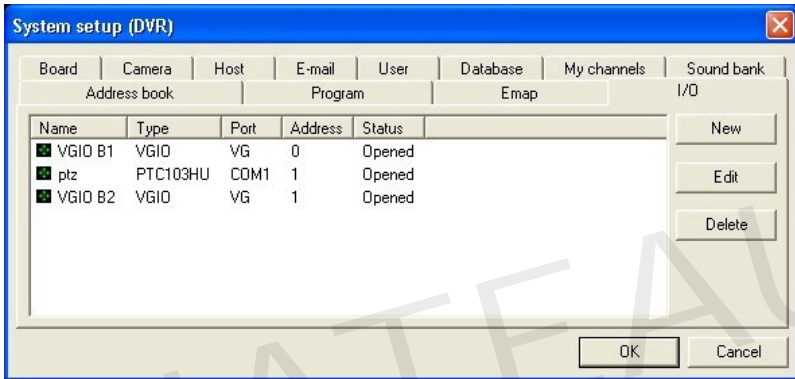
I/O device can be generally divided into these categories as follows:

- RS232-to-RS485 interface I/O control device. It controls an external I/O device.
- RS232-to-RS485 interface (high speed) dome camera control.
- VGIO on **VGuard Card** controls input/output device and watchdog.

Its operation is divided into I/O Control and Camera PTZ control.

7.1 I/O Device Setup

Click System Setup from the Setup Functional Panel, the system setup menu will pop up. Select I/O device and the following menu will show:



7.1.1 Selecting the desired I/O device

■ RS232/RS485 interface I/O device:

We support PT811 input device. 8 ON/OFF inputs, 8 digital output modules; address range: 0x01-0xFF. PT811's address shall be set before the delivery of goods is made; otherwise you shall seek the manufacturer for required hardware and software support. Each PT-811's address must be different from that of any other PT-811 on the same COM port to avoid error in control. Allow connection of 32 external I/O modules within distance of 1.2 kilometer. Depend on the loading situation, the connecting distance and numbers will be different.

■ Speed Dome Camera:

This system can simultaneously control up to 16 dome cameras. Since a control command is sent out by signals of RS-485 interfaces to all cameras, a camera shall adjust its address in order to identify whether it can receive the command. Therefore, you must remember a camera's address and its setup location so as to make a correct setting and avoid any error in control. The camera brands that we support are as follow.

- DynaColor CA720 speed dome camera
- Lilin PIH717X speed dome camera
- Pelco-D or Pelco-P dome speed dome camera

- Mikami PTC103A speed dome camera
- Sensormatic speed dome camera (RS422 Interface)
- Philip CSS speed dome camera (Require Philip's own RS232-485 converter. Other converter might not be able to connected and control Philip's camera)
- SamSung speed dome camera
- Panasonic WV_CS850 speed dome camera

The addresses range for each speed dome camera was different, please refer to its user's manual for address setting and control signal connection details.

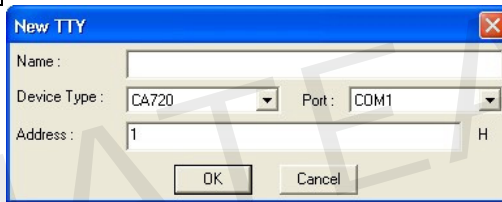
The control code of each manufacturer is different and incompatible to those of others. Do not mix-use different vendors' devices on a same COM port. The address of each device on the same COM port must be unique (different from each other). Please input the address in hexadecimal format to avoid any control error.

■ VGIO

VGuard boards' VGIO provides with 8 digital inputs, 8 digital output and watchdog functions.

7.1.2 Adding an I/O device

Click the **New** button to add an I/O device as follow.



Devices can be separate into two types, IO devices and PTZ camera, please setup correctly.

- **Device name:** Give the device a name for easier and correctly setup.
- **Device type:** Make sure of the correct type of device. The problems that some devices can't solve.
- **Connect port:** Some I/O devices' and PTZ camera's output controls base on RS-232. Please make sure to connect to the correct COM port.
- **Hexadecimal Address:** Part of the IO and PTZ camera can be connected to one or more devices. Preset of the address on the device is a must. Address setting here must be the same to the device to avoid error in control.

When finish, click the **Ok** button to saved and exit the screen.

7.1.3 Deleting I/O device

Click the right button of the mouse on the I/O device that wanted to be deleted; click **delete** then the device will be removed from the list. (Only System Administrator can delete a device).

7.1.4 Editing I/O Device

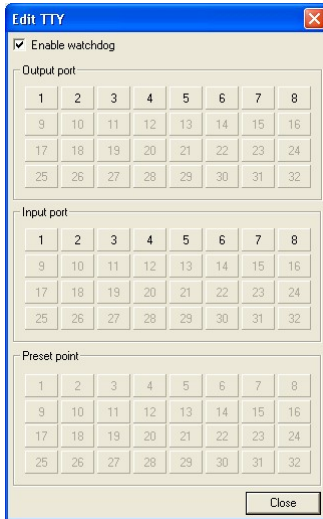
Click on the device to be edited the Editing I/O device dialog will pop up for

editing.

7.1.5 Setting up I/O Device

Double click the desired device to pop up the I/O Device setting dialog.

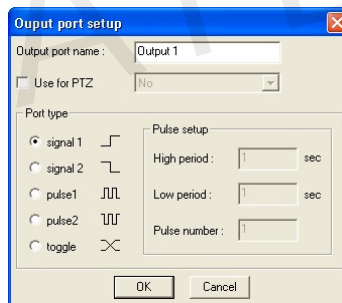
7.1.5.1 Watchdog Function



Only VGIO provides with watchdog function. The reset signal of PC main board shall be connected to the JP2 (1, 2) of VGuard card and the JP2 (3,4) of VGuard card be connected to the reset switch of the front panel, so that the PC main board will have the reset function. If the computer, activated with Chateau program, crashed, the computer will re boot after 6.5 minutes.

7.1.5.2 Output Port Signal Type Setup

Select output port number, the Output Port setup dialog will pop up.



- **Output Port Name:** Setup Output port name.
- **For PTZ Control:** Enable it for PTZ control. Then select which PTZ control for this output port, include up, down, left, right, zoom in and zoom out etc.
- **Port Type:**
 - Signal 1: Low to high (Off to On). Defaulted.
 - Signal 2: High to low (On to Off).
 - Pulse 1: Positive pulse
 - Pulse 2: Negative pulse
 - Signal 3: Toggle

Signal 3 (toggle) is for switching ON and OFF the external device. If the external device is ON, user can control the output port to turn it OFF. If the external device is OFF, user can control the output port to turn it ON

- **Pulse setup:**

- High Period: The default frequency is 1 second while the upper limit is 999 seconds.
- Low Period: The default frequency is 1 second while the upper limit is 999 seconds
- Pulse number: The default number is 1 while the upper limit is 99.

- **OK:** Click **OK** to confirm.

7.1.5.3 Input Port Mode Setup

Click on an input point number, the input port mode dialog will pop up for setting:

- **Input port Name:** Setup Input port name.

- **Port Type:** Trigger mode selection.

- **Turn on/off Alarm:** Active or inactive set alarm function for Chateau system. When this port triggered, the alarm status will turn off if it was on before. And vise versa.
- **Trigger alarm:** When alarm detected signal, it will triggered the set alarm action.

- **Activate Input Point timetable:** Activate timetable can be set for each input point individually. Other then the timetable set, the alarm will not be activating when the input point is triggered. Setting of the timetable is same to the setting of the camera's alarm timetable. Please refer to **Chapter 6.1.2 Alarm Setting** for more information.

- **Play Alarm Sound:** Select this option and click **Select**, the sound selection dialog will pop up. Select the wanted sound file and click **OK**. The sound file name will appear on the playback column to finish the sound selection.




- **Activate Local Site Recording and Remote Alarm:** Select camera number, the **Input trigger alarm camera setting** will pop up.
 - **Start Recording:** If select active recording and the assigned camera is set for remote alarm, this function will activate remote alarm function. The duration of recording will be the time defined in alarm duration of Alarm Setup.
 - **Trigger to preset:** A dome camera can fast turn the camera to a preset point upon triggering by an input signal. Setup: Select the trigger to preset function and set the trigger preset, (**Note:** Make sure that the respective settings of PTZ device are made during the camera setup) Dwell time and Back preset.
- **Enable Output Port:** This may drive the output devices to output signals. Click **Setup**, the Alarm output control panel dialog will pop up to select desired output device's group and output points.

7.2 PTZ Control Panel




Click  button from the panel to display the control panel.

Click  button already shown on the panel to open PTZ control panel like the left. Please refer to **Chapter 4.3.4 PTZ Device** for more detail. A remote connected user with the authorization to control remote I/O device can also remote control the PTZ devices from this control panel.

7.2.1 Direction Control


PTZ control panel provides 8-direction control. Move the cursor to the button for desired direction and hold the left button of the mouse to perform the desired turn. When the button is released, the turn also stops. **Some dome cameras may support only 4 directions, i.e. Up/down, right/left. Users please check with us in advance.**


7.2.2 Iris, Focus, Zoom Control

Move the cursor to the desired control button  and hold the mouse on left button to perform the desired operation. When the button is released, the operation also stops. The circles to right of Iris and Focus are used to activate “auto-iris” and “auto-focus” control. **Some dome cameras may not support these functions. Users need to check with vendors**

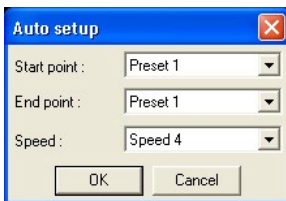
in advance.


7.2.3 Preset point function and its setup.

Only dome cameras support the Preset function. Click the Mem button on the PTZ control panel, the camera will fast move to the preset point. According to the type of dome camera, a maximum of 32 preset points can be set. To set the preset points, move the camera to the desired position, and click the  button on the PTZ control panel to finish preset point setup.

The way to set PIH717X is slightly different. For example, to set the third preset point, you should first click the button of the third preset point on the PTZ control panel, then move the camera to the original third preset point first, and use the direction, focus and Zoom buttons to move the camera to the new preset point; last, click the  button on the PTZ control panel to preset.

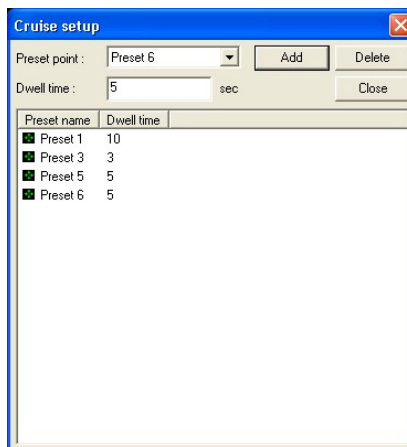
7.2.4 Auto Pan Function and setup




Only dome cameras support auto-pan function, allowing camera to fast and horizontally move between two points. Click  button to the right of **Auto** button on the PTZ control panel to pop up the dialog to enter the setting. Specify the preset start/stop points and the camera pan speed. Click **OK** button to complete the setup. Auto-pan moves

cameras horizontally between the preset start point and the preset stop point rather than simply from the preset start point to the preset stop point. **Some dome cameras may not support this Auto-pan function. Users need to check with vendors in advance.**

7.2.5 The Cruise Function And Setup

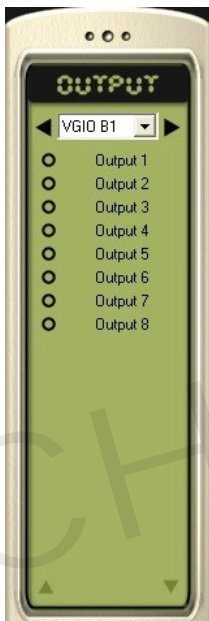





After finishing preset point setup, you can have Chateau Programs

supplemental function, i.e. “Cruise”. Cruise allows you to have the cameras to fast move in a user-defined sequence and to define the camera stay-time at each point. Click  at the right of **Cruise** button on the PTZ control panel to enter into the Cruise Setup screen:

Select the Preset point first and then input the Dwell time. Click **Add** button to complete the setup. Users may arrange the sequence of the Preset point and the Dwell time at each point as desired. To delete the preset point, select the preset point name and click delete. **Cruise is the fastest speed for cameras to move to each preset point. Some dome cameras may not support these functions. Users need to check with vendors in advance.**

7.3 Output Port Control



Click  on the main function panel to display control panel. Click  to switch to output control panel like the left. You can click  arrow to select set output device and click the output point name to control the on/off of that point. Please refer to **Chapter7.1.5.2 Output Port signal type setup** for more detail.

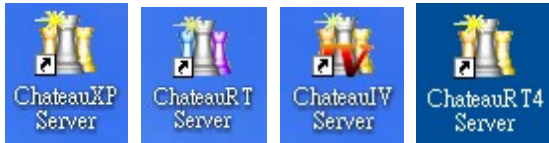
A remote connected user with the authorization to control remote I/O device can also remote control the I/O devices from this control panel.

Chapter 8: ChateauServer

To monitor a remote recording display or to transmit an alarm video through LAN, Internet or Intranet, a **ChateauServer** program must be set in order that the data of whole **Chateau** System can work.

8.1 Starting ChateauServer

Double click on the shortcut icon of **ChateauServer.exe** as illustrated below to start **ChateauServer** program, or to select **ChateauServer** program form the program folder by click once on the ChateauServer.



Please refer to the special not explanation for the software version differences.

At the very first start up of **ChateauServer 2.x**, the System Administrator Setup dialog will appear as follows:



ChateauServer users are category into System Administrator and Normal User.

8.1.1 A System Administrator

A system Administrator owns the highest access privileges and can add or delete all users as well as to set up Chateau users' access auditory. We will need to re-install the ChateauServer program and setup the system Administrator again if the System Administrator forgets his password.

8.1.2 A common ChateauServer user

A common ChateauServer user can only start the ChateauServer programs but not to add or delete any kind of users.

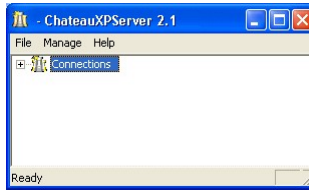
8.2 ChateauServer Window

8.2.1 Login / Logout

A set of user's name and password needs to be inputted before operating ChateauServer. Only the System Administrator can edit user's information.

Before you leave the computer, we suggest you logout ChateauServer program.

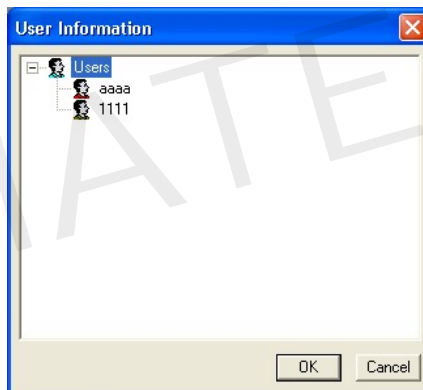
8.2.2 Adding a new user



Click **File** command and a pull-down menu will show up as follows:



Click **User Information** to open the User Information window.



Click mouse on the right button to **add** a new user and the Add user dialogue box will appear as follows:





Enter the user's name, password and confirm password. Click **OK** to finish setup and to exit the add user window.

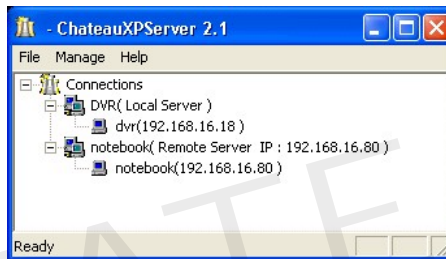
8.2.3 Editing and deleting a user



The System Administrator clicks directly on the desired user in the tree structure, and clicks the mouse's right button on it. Then the Edit user and Delete user menus appear. **The System Administrator** can re-setup the user's password or delete the user directly.

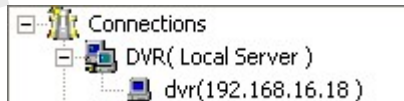


8.2.4 The Connection Contents

Click on the   **Connections**, you may find all the on-line ChateauServer.



Click on the   **MIKE (Local Server)**, you can find all of the **Chateau** system users connected to this **ChateauServer**.



8.2.5 Connecting to other ChateauServer

ChateauServer 2.1's Connect Other ChateauServer function provides a LAN \leftrightarrow Internet \leftrightarrow LAN (TCP/IP) security system structure. Under this structure, through two connected ChateauServer, all of the Chateau systems connecting to those two ChateauServers are also connected. ChateauServer can connect to another or more other ChateauServer through LAN or Internet.

Note: ChateauServer software provides star-connecting structure. When connecting different LAN by ChateauServer, if ChateauServer does not direct connect each other, Chateau systems in 2 different LAN will not be able to monitor each other.

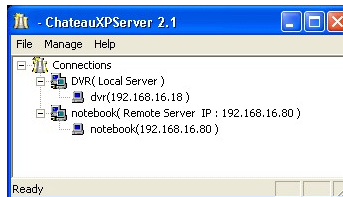
For the Chateau hosts from 2 different LAN to be able to remote each other please refer to **Chapter 9.8 Two ChateauServer Remote monitoring**

setting examples for more detail.

Click File and select connect to other **ChateauServer**, then the dialog will pop up like below:



Input **ChateauServer**'s IP address to connect the user name and password. Then, click **OK** button to establish the connection as illustrated below.



Now, through the connection between the local **ChateauServer** and the remote **ChateauServer**, all of the hosts can perform remote access to each other.

8.2.6 Auto Start

ChateauServer 2.x supports Auto Start of program after the operating system starts up. Click File command and a pull-down menu appears. Select the **Auto Start** to enable the immediate auto-start of the ChateauServer program after the computer powered-up, so as to match with the Automatically connect to server function of the Chateau application program.

8.2.7 Shutdown ChateauServer

Click Shutdown Server, the ChateauServer is then temporarily suspended and all connections are also terminated. However, the program is not really ended. The program will request user to input password. The connection display is shown as follows: (All the Chateau system connected will be disconnect to the **ChateauServer**).



8.2.8 Activate ChateauServer

Click Activate ChateauServer will reactivate the shut down ChateauServer. All Chateau System will automatically connect to this ChateauServer. (The Auto connects Server function need to be activated).

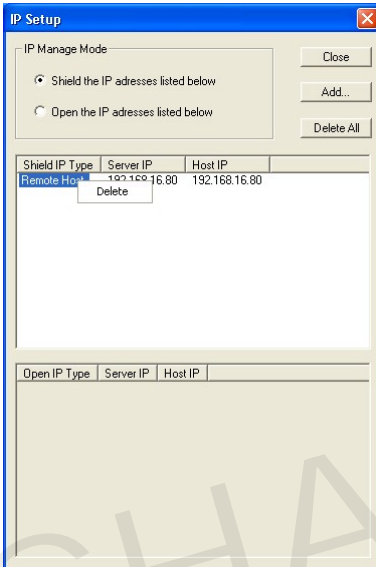
8.2.9 Exit ChateauServer Program

To exit ChateauServer program, the program will demand that the user input his/her password as a confirmation in order to avoid accidental or

unauthorized termination.



8.3 IP Manage

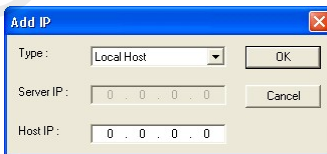


The **IP Manage** function is to manage the remote **Chateau** systems connect to the server. Click **IP Manage** and select setup, the IP manage dialog will pop up:

IP Manage modes are as follow:

1. **Shield the IP address listed below:**
IP addresses listed here are the IP addresses not allow to be connected. Under this mode, all other IP address except listed here are allow to connect to the server.
2. **Open the IP address listed below:** IP addresses listed here are the IP addresses allow to be connected to the server. Under this mode, except the IP addresses listed here, all other IP address will not be allowed to grant connection to the server.

- **Add:** Click the **Add** button and the Add IP address list dialog will pop up.



The new IP address can be set into 3 categories.

- **Local Host:** Means the local host connected to the same ChateauServer. When select local hosts, only need to fill in the IP address for that host.
- **Remote Server:** Means the remote server connected to local ChateauServer host by using the connection way to other ChateauServer. When select remote server, only need to fill in the IP address for the host.
- **Remote Host:** Means the remote host connecting to different ChateauServer. When select remote host, only need to fill in the IP address for the ChateauServer and local host.

- **Delete:** To deletes an IP address from the list, please click the right-button of

the mouse on the IP address of the list. Select **Delete** to delete the IP address from the list.

- **Delete All:** To delete all of the IP addresses, please click the **Delete All** to delete all of the IP addresses.

8.4 Refuse Connection

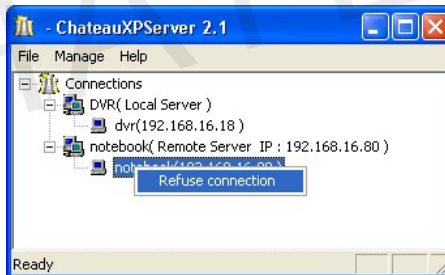
As Chateau Host had the auto connection to the server function, so if you want to disconnect other Chateau hosts connection, you will have to refuse that host and reconnect again.

Operation: You can click the right button of the mouse on that host name and select **Refuse Connection** to disconnect the host. This IP address in the future will not be able to connect to your server again.

If you disconnect the host connection this way, if the IP manage mode is under Shield IP Address mode, this IP address will be added automatically into the shield IP address. If the “IP Manage” mode is under Open IP address mode, this IP address will be deleted from the Open IP address and this IP address will not be able to connect to your server again.

The IP address can only be able to make connection to your server if you add this in the open IP address or delete this IP address from the shield IP address.

Note: Using of this function might cause the host not able to connect to the server because of the setting. Please read this manual thoroughly before you use this function.



Chapter 9:




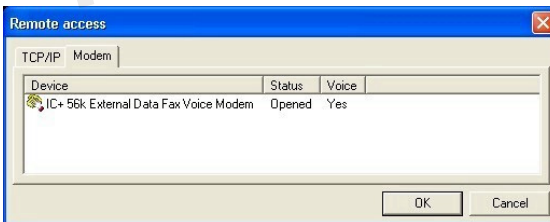
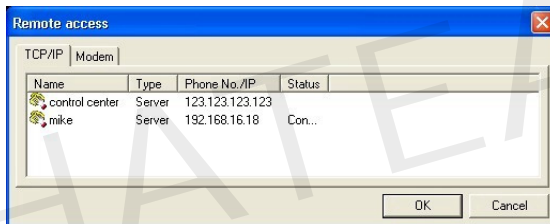
Remote Access

Chateau system provides users the remote access functions. The system transmits the video images through the following three media to achieve the purpose of remote monitoring.

1. PSTN (Public Switched Telephone Network), i.e. modems plus common telephone lines.
2. LAN (Local Area Network supporting TCP/IP protocols).
3. Internet (supporting TCP/IP protocol), and Intranet (supporting TCP/IP protocol)


Transmission speed varies depending on the transmission/receiving quality of telephone lines and modems. Comparatively, LAN provides relatively broader bandwidth, which is good for video transmission. When LAN is used as a transmission medium, the receiving speed at the remote site is almost the same as the local site.

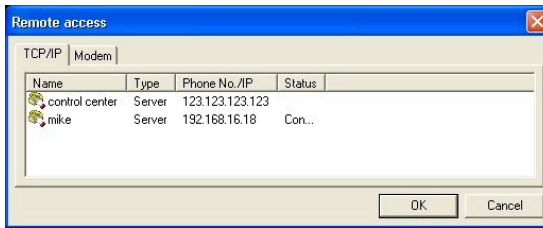
Click  button, the Remote access selection window will come to screen. When you have already set up the Address Book as instructed in **Chapter 3.9 Address**. The **Chateau** system can connect to the available **ChateauServer** or modem.



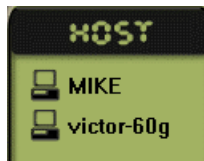
9.1 Remote Access via TCP/IP

First, you need to define the names and passwords, log in the name and password to the local **Chateau** system, then connect to **ChateauServer** Program, and finally connect to the remote **Chateau** system. Those three groups of user names and passwords must be completely identical so as for the program to automatically complete the user auto-login. For defining user access auditing, please refer to **Chapter 3.5 User**.

Click  button, and select **TCP/IP** option. Select the **ChateauServer** to connect. Double click on its name to connect to **ChateauServer**. After connection is established, the Status field shows **Connected** as illustrated **below**.



Click **OK** button to end the remote monitoring menu. All the hosts connect to this ChateauServer will be appear on the Host control panel. Double click to the system host for remote monitoring, switch to the remote host for remote monitoring; then the display window will be change to the remote host split window.



Double click by the right mouse on the server name to exit the remote monitoring


Note:

1. All of the Chateau systems connected to a same ChateauServer will be shown on the Host menu; however, you still need the access auditing granted by these remote hosts to perform remote monitoring at those remote hosts. (The remoted host need to set it's user name and password in the remote host.)
2. Chateau system still needs to connect ChateauServer programs even when operating in the same computer.

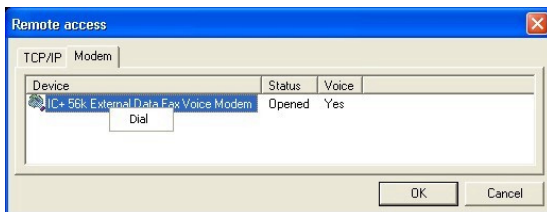
If a ChateauServer connects to many other ChateauServer, only the Chateau hosts are directly connecte to the ChateauServers that will be shown on the Host menu. The Chateau hosts which are not connected directly to ChateauServer will not shown on the host control panel.

9.2 Remote Access via Modems

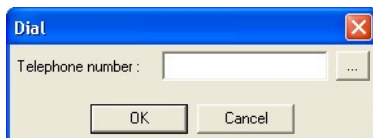
“Via Modem” means that the connection to the remote **Chateau** system is by dialing out, through modem, directly to the telephone number of the remote **Chateau** system. If you use a modem to dial out to the Internet and then connect to the **ChateauServer** from the Internet, it is via TCP/IP (instead of Via Modem).

Click  button, and click Modem option, (Please make sure that its Status field shows Open and Voice field shows “Yes” indicating the voice feature is

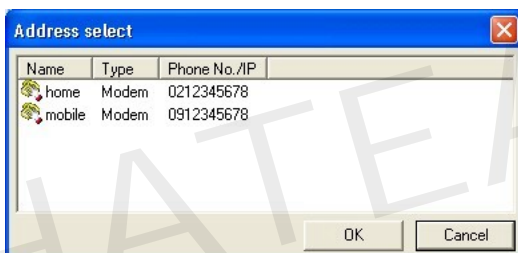
supported). Click the mouse right button on the desired modem and select Dial to begin the dialing.



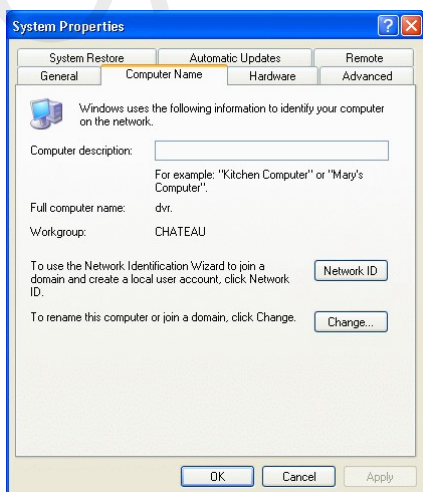
The Dialing dialogue box then appears as follows:



You can directly input the telephone number or click [...] button to open the Address Book and then to select the desired telephone number from the Address Book.



After connection is established, the Status field shows **connected**. Then double click on the remote host that appear on the host control panel to start remote monitoring.



Note: The setting for the password might be wrong when the status field did not show Linked before it disconnect. Please check for the correct user name and password for the desired remote host.

Remark: The host names available on the Host control Panel are mainly from those defined in the Identification Changes of the My Network Places (By clicking the mouse right button on the My Network Places icon) on the operating system. If you require changing the computer name, please refer


to the user’s manual for OS system. If the network card is not installed, the name will be the user name under Window system.

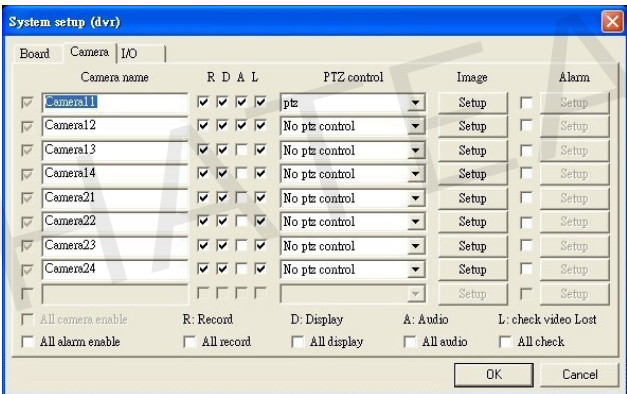
9.3 Switching of Remote Hosts

When local host had connected to the ChateauServer, all host name list will be display on the host control panel connected to the ChateauServer. Double click on the remote host name to switch to remote host. The display split window now is the remote host’s split window display. The host name will be change to this remote host name from the status panel.

9.4 Remote host system setup control function.

Remote control will be different according to the login user’s authorizations. User’s authorization is depending on the authorization setting for logging in the host, not the remote site authorization. Please refer to **Chapter 3.5 User** for more detail.

After host panel had switch to remote host, only the  from the control panel buttons are for remote host system setting. All other buttons are local site host control button. And the remote host system setting is different to the local site. Setting manual as below:




9.4.1 VGuard Board Setup

If the remote **Chateau** System is not in recording, you may change its board settings during this period of time. If the remote system has already activated recording function, this function then is not workable


9.4.2 Camera Setup

Except the enable and disable camera functions and alarm setting, all other functions are changeable. Setup is same to the local site.


9.4.3 Unmask or mask detection area

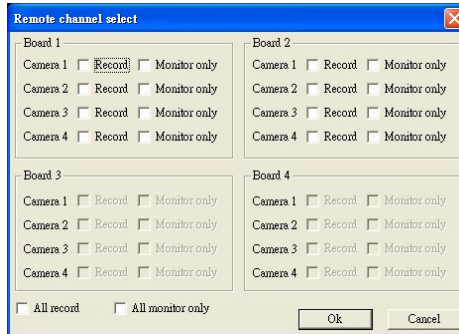
Click on the desired remote camera, and then click the Unmask button  on the Camera Setup Section to cancel all the detection areas. You can also set up a new detection area; setup is the same to the local site.

9.4.4 Video Configuration

Click the Video Configuration  button on the Camera Setup Section to change the remote video configuration as desired.

9.5 Remote recording and Remote function

After switching to remote host, click  to pop up the dialog as below:



The dialog box titled "Remote channel select" contains four panels for Board 1, Board 2, Board 3, and Board 4. Each panel lists four cameras (Camera 1 to Camera 4) with two checkboxes: "Record" and "Monitor only". At the bottom, there are two checkboxes: "All record" and "All monitor only", along with "Ok" and "Cancel" buttons.

User will need to select the desired camera for recording or not recording. After clicking button, the system will then transmit the images to the local system's image section for display or record as preset.

9.6 Remote PTZ and Output Port Control Functions

After switching to the remote host, setting of the remote PTZ and Output Control function are the same to the local site. Please refer to **Chapter7.2 PTZ control panel** and **Chapter7.3 Output Control panel** for more detail. Remote PTZ control panel only provide control function, not the setting function.

9.7 Single ChateauServer's remote monitor connection setting samples

When using TCP/IP for remote monitoring (Includes LAN, Internet, etc), communicate and transmission between hosts have to go through ChateauServer. One of the hosts has to activate ChateauServer program for this. This host does not need to install with VGuard cards.

Assume that there are 2 hosts in LAN using IP sharer or Router for internet network. One other Host is the dialing Real IP, its connection as below:

■ Host B:

- Virtual IP 192.168.16.222, Real IP 211.72.124.29, Point the Real IP to System B's Virtual IP using DMZ. (Please refer to IP sharer or Router manual for DMZ setting. Please open the virtual server TCP port 48100, 48101, 48103 for IP sharer or Router).
- Installed with VGuard Card
- Activate Chateau and ChateauServer program
- User name is aaaa; password aaaa
- Server name: DVR

■ Host A:

- Virtual IP 192.168.16.105
- Can either install with VGuard card or not
- Activate Chateau program
- User name 1111, password 1111
- Host name: Office

■ Host C:

- Dialing Real IP address. Assume the IP address is 61.111.16.68
- Can either install with VGuard card or not
- Activate Chateau program
- User name bbbb, password bbbb
- Host name: Home




1. ChateauServer setting


Firstly we activate ChateauServer on Host B. ChateauServer program will not check for the password for and Chateau system connected. Except for the system Administrator password, no need to set other password. Please refer to **Chapter 8 ChateauServer** for more detail.



2. Chateau Host setup

■ Host B: (LAN Virtual IP + DMZ Real IP)


- Login Chateau System using aaaa as password and login name.
- Enter User setup; add 2 sets of users name and password as 1111 and bbbb. (This password is use to check for the authorization for remote connection).
- Enter Address setup; add one address (as server) and IP address 192.168.16.222, name it DemoServer.
- Click  and select TCP/IP connection mode. Double click the server name DemoServer. When it display connected, means that the system had connected with the server.

■ Host A: (LAN Virtual IP)

- Login Chateau System using 1111 as password and login name.
- Add one set of new address same setting to Host B in the address log.
- Click  and select TCP/IP connection mode. Double click the server name DemoServer. When it display connected, means that the system had connected with the server.
- The Host control panel will display two hosts name **Office** and **DVR**.

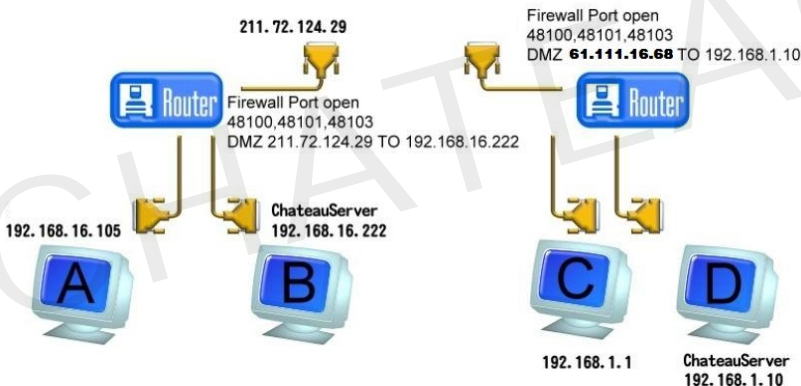
- Double Click on the DVR host name to see the split window for Host B for remote monitoring. Click  to select record or not record camera. Click  to display remote camera images.

■ Host C (Real IP)

- Login Chateau System using bbbb as password and login name.
- Enter the address setup; add one set of address as Server and the IP address is 211.72.124.29. name it DemoServer
- Click  and select TCP/IP connection mode. Double click the server name DemoServer. When it display connected, means that the system had connected with the server.
- The Host control panel will display three hosts name **Home, Office** and **DVR**.
- Operation is the same to Host A

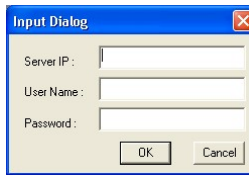
9.8 Two ChateauServers remote monitoring setting samples (TCP/IP)

By using the “Connecting to other ChateauServer” function from the ChateauServer program to connecting 2 different networks as below. This can let the hosts in different network to communicate and transmission files to other ChateauServer by each other’s ChateauServer.

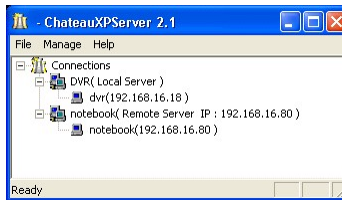


In the same LAN network, please refer to **Chapter 9.7 Single ChateauServer remote monitoring connection setting samples (TCP/IP)** for more information.

1. Host A and Host B connect to Host B’s ChateauServer program
2. Host C and Host D connect to Host D’s ChateauServer program.
3. Use the “Connect to other ChateauServer” function from the ChateauServer program to connect Host B and Host D. Please refer to **Chapter 8.2.5 Connect to other ChateauServer** (The IP connected to Host D should be the Real IP address from IP sharer or Router).

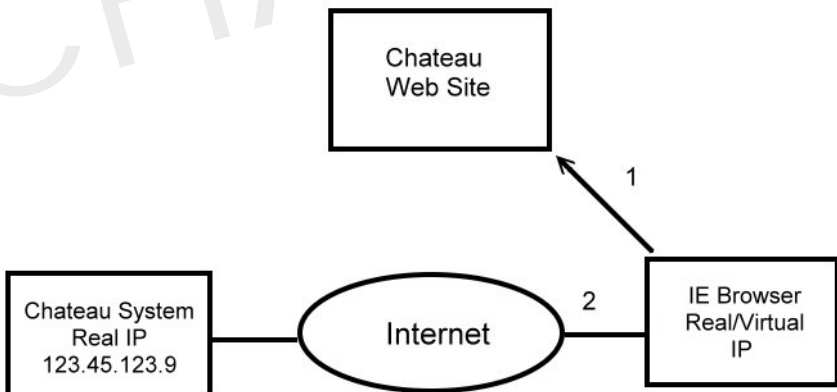


4. When 2 ChateauServer program connected, all the Chateau Host (Host A, B, C, and D) can remote monitoring each other. (Systems installed with VGuard cards can be monitoring by other Chateau host. Make sure the password and login name are correct and the authorization setting)
5. When 2 ChateauServer program connected, ChateauServer will display as below, other than the name and IP of the ChateauServer Host, all the connected host's name and IP from other 2 ChateauServer can be seen. So this would finish setup of the 2 different network's ChateauServer connection.



9.9 Remote Monitoring through IE Browser

V2.xx had added a new Web Camera Service function. This allows all cameras on a Chateau System to be seen as Web Camera. Users can perform the remote using IE browser. Due to the special compression technique for Chateau images, please follow the following instruction to install the decoder from the Internet:



The IP address is only for reference.

1. Chateau System setting (System that had been remote to) :

Please activate the “Web camera service” function under the “Host” setup from the System setup.

2. Internet IE Browser User :

- First time using the IE WebCam function, please connect to the http://www.vguard.net/E_product.htm website and click on the “Live Demo”. IE will then download Chateau’s compression format decoder automatically before asking the user name and password. Please allow installation when a pop up window asking for installation permission. (Please take note that when installation the decoder, the internet safety setting can not be too high to avoid the pop up of installation refused window. Please lower the Internet safety level setting before installation. You can restore the high Internet safety setting after the installation. Successful decoder installation will pop up Media Player program and a “login” dialog, please type in the user name and password “aaaa”.
- Type in the IP address and Camera number for remote on the IE browser “Address”. (For Example, the IP address is 123.45.123.9 Type in format is: vgtip://123.45.123.9/1) This will activate the Media Player to remote camera number 1. (vgtip://123.45.123.9/2 will activate the Media Player to remote camera number 2 and so on.)
- Before opening the images, a login name and password is required, this login name and password is the same to any of the user set in the Chateau program. The authorization and the setting of the user is also the same.

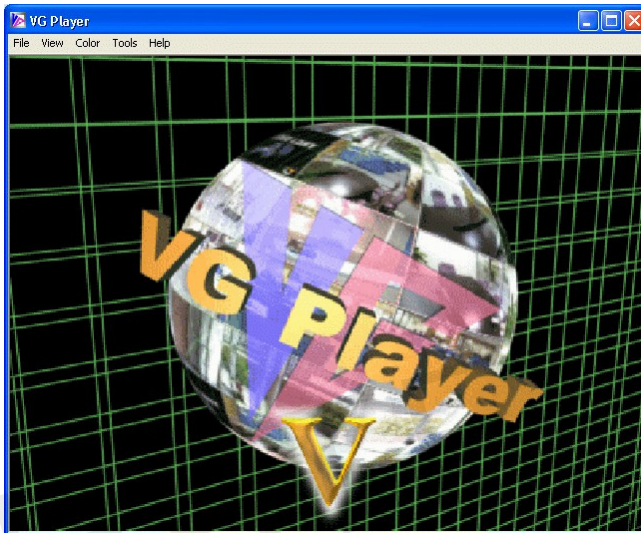
Remote through IE browser will not need to activate ChateauServer program. Only IP address for the Chateau Server is required. However, this “Web camera service” function requires real IP address. (Please refer to IP sharer or Router manual for DMZ setting. Please open the virtual server TCP port 5000, 5001, 5002 for IP sharer or Router). The Webcam function can only provide remote monitoring function, not remote recording function.


Chapter 10: VG Player Program

A VG Player program is included in the **Chateau** software.





You can use this program to playback all image files that **Chateau** program recorded. After activate the VG Player program, the follow is shown:



The Panel will expand as below when the  button is clicked.



The panel will be back to normal when the  button is clicked.

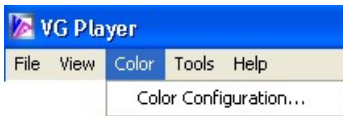
When panel expanded, the button functions are just like the playback functions of **Chateau** program. The only differences are **Open VG Files**  and **switch to**



full screen buttons. Please refer to **Chapter 5.2 Video File Playback** for detail description.

10.1 Color Configuration

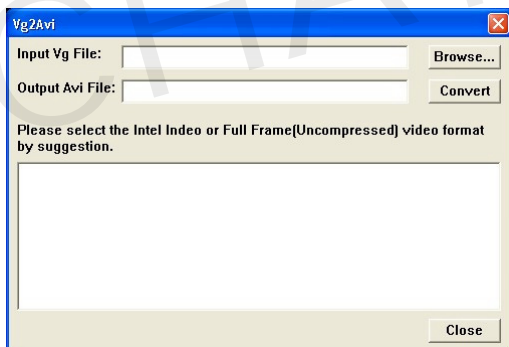
VG Player supports a great color configuration function. You can adjust the image's **Brightness**, **Contrast**, **Saturation** and **Hue** for better image effect.



Under Main Screen, select **Color** and select **Color configuration** function, then the following window will be shown for the configuration.



10.2 VG to AVI



VG Player supports the conversion of VG Files (Includes VG, VGX and VGZ files) to AVI files. The files then can be playback by most of other playback software.

Firstly, select the Tool on the main screen. Then select VG to AVI function, the following will show

Note: When converting of VG files to AVI files, the data will be

taken lots of spaces, if the original VG files are very large, it will consume a great amount of hard disk spaces, and also need longer time for the converting. Therefore, we suggest selecting the required fragment, using the start video clip function to edit into shorter video files, and then proceed with the converting to save time and hard disk spaces.

■ Select Image file

Click the **Browse** button, an open file dialog will pop up. Then search for

the folder that the file is in and select the file type (VG, VGX, or VGZ format). The entire selected file name will be shown and just select for the one to be converted.

■ Converting of files

Click the convert button; select the AVI compression format to be converted to proceed with the converting of the files. The files after the conversion then can be playback using Windows image player.



Note: The compression program is different in every computer depending on the image software it had installed. Window will provide few standard formats, i.e. Intel Indeo® format, it is recommended to select this format to avoid incapable of playback from other computers.