

# *User's Guide*

**plustek**



*MultiManager*

- ✓ **Configuration**
- ✓ **Usage**

©2011. All rights are reserved. No portion of this document may be reproduced without permission. All trademarks and brand names mentioned in this publication are property of their respective owners.

While all efforts have been made to ensure the accuracy of all contents in this manual, we assume no liability for errors or omissions or by statements of any kind in this manual, whether such errors are omissions or statements resulting from negligence, accidents, or any other cause. The contents of this manual are subject to change without notice.

The NVR device is intended to be used in a lawful manner. Certain uses of the NVR device may be prohibited by local laws in some countries or states, such as the surreptitious recording of audio and/or video communications for certain purposes. If you have any question about whether a proposed use of your products is lawful, you should consult a local legal authority before proceeding.

The screen shots in this guide were made with Windows XP. If you are using Windows 7, Vista or 2000, your screens will look somewhat different but functions are the same.

# Table of Contents

<b>INTRODUCTION.....</b>	<b>1</b>
<b>HOW TO USE THIS GUIDE.....</b>	<b>1</b>
<i>Conventions of This Guide.....</i>	<i>1</i>
<b>MINIMUM SYSTEM REQUIREMENTS .....</b>	<b>1</b>
<b>CHAPTER I. QUICK START .....</b>	<b>3</b>
<b>NVR .....</b>	<b>3</b>
<i>New.....</i>	<i>4</i>
<i>Modify.....</i>	<i>4</i>
<i>Delete.....</i>	<i>4</i>
<b>ATTACH CHANNEL.....</b>	<b>5</b>
<b>OPEN &amp; EXIT THE PROGRAM.....</b>	<b>6</b>
<b>CHAPTER II. CONFIGURING THE MULTIMANAGER .....</b>	<b>7</b>
<b>VIEW .....</b>	<b>7</b>
<i>Saving Folders .....</i>	<i>7</i>
<i>UI Language.....</i>	<i>8</i>
<i>Keep Last Settings.....</i>	<i>8</i>
<i>Live View Streaming Protocol .....</i>	<i>9</i>
<i>Enlarge the view received alarm notification.....</i>	<i>9</i>
<i>Don't show message when MultiManager is minimized to system tray .....</i>	<i>10</i>
<i>Save all settings and backup information to MultiManager-Setting.reg and         MultiManager-Backup.reg .....</i>	<i>10</i>
<b>NVR .....</b>	<b>10</b>
<i>New.....</i>	<i>11</i>
<i>Modify.....</i>	<i>11</i>
<i>Delete.....</i>	<i>11</i>
<b>SCHEDULE BACKUP.....</b>	<b>11</b>
<i>Schedule .....</i>	<i>12</i>
<i>Basic Folder .....</i>	<i>13</i>
<i>Drives.....</i>	<i>13</i>
<i>Delete After Backup.....</i>	<i>14</i>
<i>Keep Record Frame Rate .....</i>	<i>14</i>
<i>Overwrite If Short Of HD Space .....</i>	<i>14</i>
<b>USER .....</b>	<b>14</b>
<i>New.....</i>	<i>15</i>
<i>Modify.....</i>	<i>16</i>
<i>Delete.....</i>	<i>16</i>
<b>ABOUT .....</b>	<b>16</b>
<b>CHAPTER III. WORKING WITH THE MULTIMANAGER .....</b>	<b>17</b>
<b>ATTACH AND DETACH CHANNEL .....</b>	<b>18</b>
<i>Attach Channel.....</i>	<i>18</i>
<i>Detach Channel.....</i>	<i>19</i>
<b>VIEWING THE LIVE VIEW CHANNELS .....</b>	<b>20</b>
<i>Camera Control Buttons.....</i>	<i>20</i>
<i>Display Buttons .....</i>	<i>22</i>
<i>Clear Alarm .....</i>	<i>23</i>
<i>Clear All Alarms.....</i>	<i>23</i>
<b>ADDING CAMERA LOCATION MAP TO THE CHANNEL .....</b>	<b>24</b>
<b>PLAYING THE RECORDED VIDEOS .....</b>	<b>27</b>

<b>SPECIFICATIONS .....</b>	<b>30</b>
<b>CONTACTING PLUSTEK .....</b>	<b>31</b>

# Introduction

The NVR MultiManager program is a NVR related software program that helps to accommodate management and operation flexibility for the NVR (Network Video Recorder) device.

The NVR MultiManager program allows you to live view NVR videos in an efficient way. By utilizing NVR MultiManager, you may live view several channels from different NVR devices and play the recorded videos.

This program allows you to backup NVR videos according to your preference. By utilizing this program, you may perform manual editing backups or schedule automatic backups for several NVR devices.

## How to Use This Guide

This User's Guide provides instructions and illustrations on how to operate the NVR related software programs. This guide assumes that you are familiar with Microsoft Windows 2000, XP, Vista or 7. If this is not the case, we suggest you learn more about Microsoft Windows by referring to your Microsoft Windows manual before using this program.

The **Introduction** section of this manual provides an outline of this manual, and describes the minimum system requirements.

**Chapter I** describes how to quickly start with the **NVR MultiManager**.

**Chapter II** describes how to configure the settings with the **NVR MultiManager**.

**Chapter III** describes how to work with the **NVR MultiManager**.

### Conventions of This Guide

**Bold** — Represents commands or contents on your computer screen.

## Minimum System Requirements

This program is recommended to work with personal computers or networks that meet the following requirements:

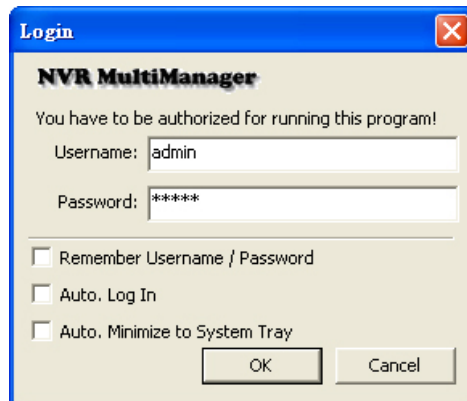
Operating System	Microsoft® Windows® 2000 Professional, XP Home Edition or XP Professional, Vista, 7
CPU	Intel Pentium® 4 processor or above
Network Protocol	TCP/IP Network protocol installed. (DHCP, Static IP, DDNS, SMTP)
RAM	256 MB (512 MB or higher recommended)
Ethernet Interface	10/100 Mbps Ethernet Card and Category 5 cables for network connections

Others	CD-ROM/DVD Drive, Video card that supports 16-bit color or greater, 800 MB Free Hard Disk Space
--------	---

# Chapter I. Quick Start

Please install the “vcredist\_x86.exe” and the “xvid\_codec” application files before you launch the **MultiManager** program.

Click the Windows **Start** button to launch the **MultiManager** program. The **Login** window appears. “admin” and “admin” are the default user name and password for your first login to the program as Administrator. Click the **OK** button and you may start to configure the settings.



- **Remember Username / Password:** select this option if you want your username and password to be remembered.
- **Auto Log In:** select this option if you want your computer to automatically login this program when the computer is turned on.
  - a. From the Windows **START** menu, point to **All Programs > Plustek Inc > Plustek NVR Utility > MultiManager**, right-click on **MultiManager** and select **Create Shortcut** from the popup menu to duplicate a shortcut.

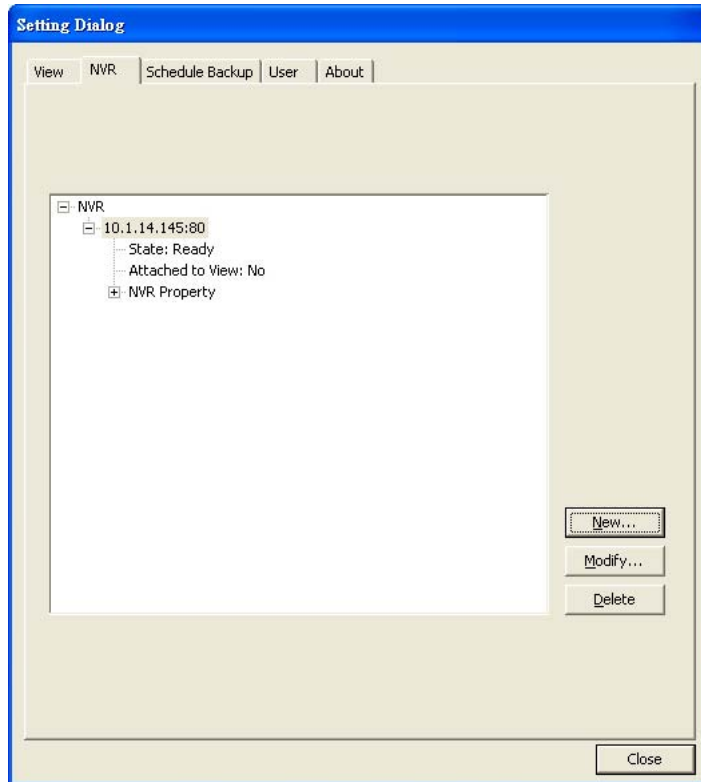


- b. Drag the program shortcut into the **Startup** folder under **All Programs** directory to automatically launch this program when the computer is turned on.
- **Auto Minimize to System Tray:** select this option if you want this program to automatically minimize to system tray.

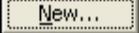
## NVR

---

Select **NVR** tab in the **Setting Dialog** window. In this section, you may manually add available NVR devices, modify current information of an available NVR and delete unnecessary NVR devices from this program.

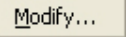


## New

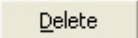
Press the  button to manually add an available NVR. Enter the **IP Address**, **Port Number**, **Username**, **Password** and **Confirm Password** then press **OK** to complete the procedure.

The image shows a dialog box titled 'Add/Modify NVR Property'. It contains five input fields: 'IP Address' with the value '10 . 1 . 14 . 145', 'Port Number' with the value '80', 'Username' with the value 'admin', 'Password' with the value '\*\*\*\*\*', and 'Confirm Password' with the value '\*\*\*\*\*'. At the bottom of the dialog, there are two buttons: 'OK' and 'Cancel'.

## Modify

Press the  button to modify current information of the available NVR. You may modify the **Port Number**, **Username**, **Password** and **Confirm Password** then press **OK** to complete the procedure.



## Delete

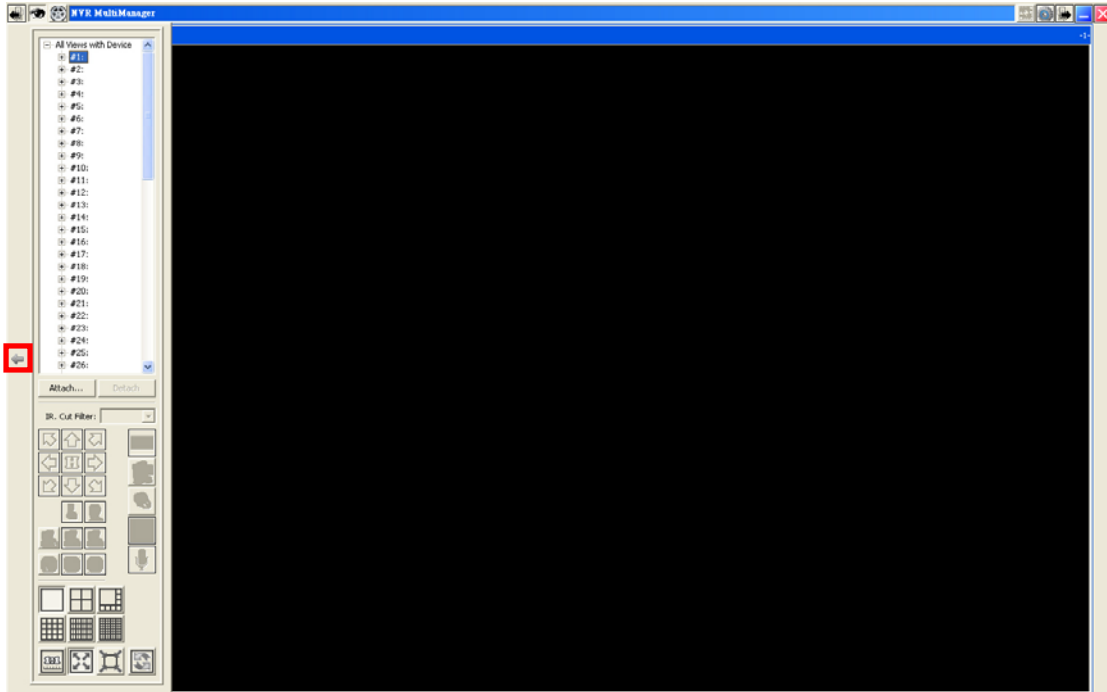
Press the  button to delete an unnecessary NVR. Select the desired NVR device and click the **Delete** button in the window to remove the selected NVR device.




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

## Attach Channel

Click  or  button on each side of the window to pull out the control panel.

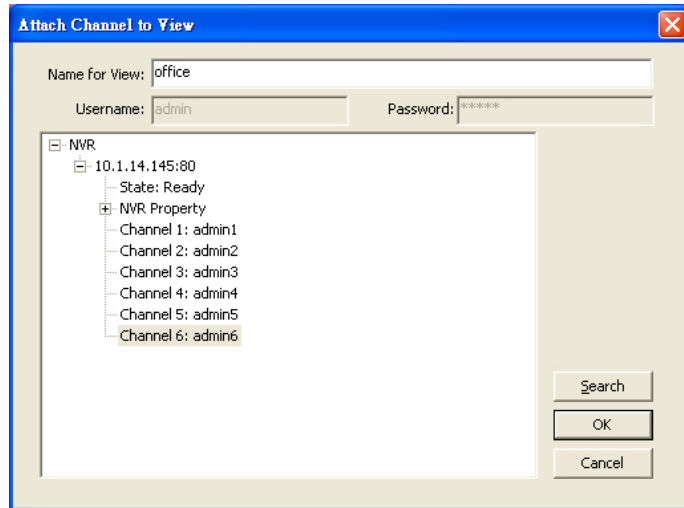


You may attach channels of several NVR devices located at different sites.

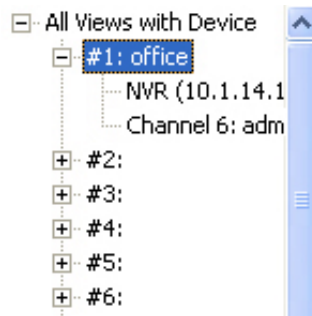
1. On the channel lists window, click on the number you want to attach and press the  button.



2. The **Attach Channel to View** window appears. You may do one of the following to attach channel:
  - a. Double-click on the desired NVR device to attach the available live view channels. Select the channel you want to attach from the NVR list, enter the **Name for View** and then click the **OK** button.
  - b. Press the **Search** button to automatically detect connected NVR devices. Double-click on the desired NVR device to attach the available live view channels. Select the channel you want to attach from the NVR list, enter the **Name for View**, **Username** and **Password** then click the **OK** button.





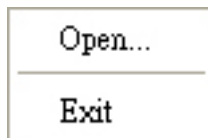
- The channel is successfully attached when the **Name for View** shows after the number and the channel information is displayed.



After configuring the settings, you can start to live view the video channels with this program.


## Open & Exit the Program

Clicking on the  button will not exit the program, MultiManager will only shrink to the system tray and still run for backup jobs. You may right-click on the icon  to open a pop-up menu and allow you to:



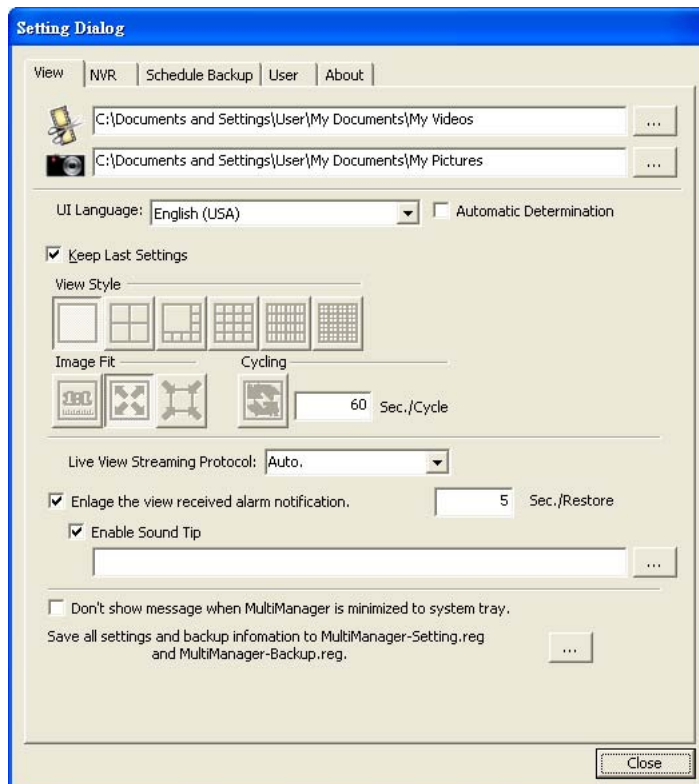
- Display the program window by clicking **Open** from the pop-up menu.
- Exit the program by clicking **Exit** from the pop-up menu.

## Chapter II. Configuring the MultiManager


Click the  button on the upper-right of the main window to display the **Setting Dialog** window. There are 5 tabs available: **View**, **NVR**, **Schedule Backup**, **User** and **About**. You may start to configure the settings in this window.

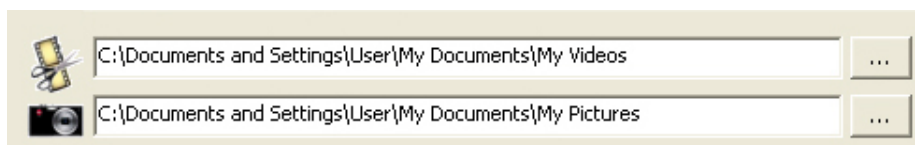
### View

Select **View** tab in the **Setting Dialog** window. In this section, you may select the saving folders for you to manually back up recorded videos and pictures, decide the program language and the video display method.



### Saving Folders

To select or modify the saving folder, click  to open a dialog box where you may browse your disk drives to select a desired saving folder. All manually backed up videos and pictures will be saved in these folders.

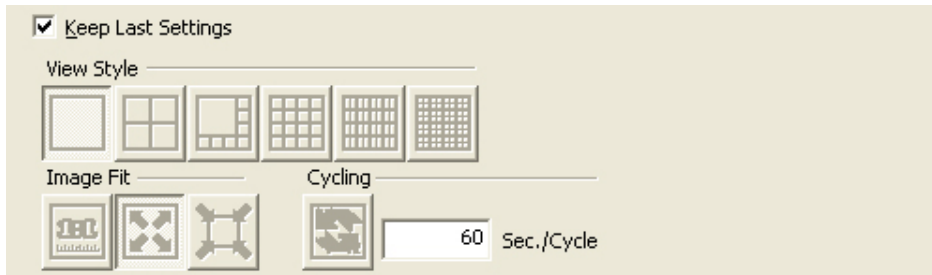


## UI Language

You may choose the program language from the drop-down list. You may tick the **Automatic Determination** check box to determinate the program language by operating system language. The MultiManager program has to be restarted for this setting to take effect.







## Keep Last Settings

Tick this check box to keep the last settings of **View Style**, **Image Fit** and **Cycling**. Uncheck this option to configure each setting. The MultiManager program has to be restarted for these settings to take effect.






The buttons and their respective functions are shown in the following table:


### View Style

Button	Function
 <b>One Window per View</b>	Display one live view channel at a time.
 <b>Four Windows per View</b>	Display four live view channels at the same time.
 <b>Eight Windows per View</b>	Display eight live view channels at the same time.
 <b>Sixteen Windows per View</b>	Display sixteen live view channels at the same time.
 <b>32 Windows per View</b>	Display 32 live view channels at the same time.
 <b>64 Windows per View</b>	Display 64 live view channels at the same time.

### Image Fit

Button	Function
 <b>View Video in Actual Size</b>	Display the live view channels in their original video resolutions.
 <b>Fit in View Window</b>	Makes the live view channels fit their current view windows.
 <b>Shrink Bigger Image Only</b>	Shrinks the live view channels to their original video resolution or smaller depending on the view windows.

## Cycling

Button	Function
 <b>Cycling the View Groups</b>	Enable or disable group cycling. Press this button to enable group cycling. All live view videos will take turns to display on the screen one by one. Enter the cycling interval in the field to set the time interval. The minimum time interval is 10 seconds.

Live View Streaming Protocol:  ▾

Enlarge the view received alarm notification.  Sec./Restore

Enable Sound Tip

...

## Live View Streaming Protocol

- **Auto:** This program supports tunneling RTP over Multicasting.
- **RTP over HTTP:** This program supports tunneling RTP over HTTP. This option allows the Live View window to be viewed over a standard port 80 HTTP connection.

## Enlarge the view received alarm notification



Tick this check box to enlarge the view received alarm notification. Enter the interval in the field to set the time period for view enlargement. The enlarged view will return to the original size once the time period is over.

## Enable Sound Tip


If the check box of **Enlarge the view received alarm notification** is checked, you may tick this check box. Click  to open a dialog box where you may browse and

upload the desired sound tip file. This sound tip will be played back at the same time when the alarm triggered view is enlarged.

### **Don't show message when MultiManager is minimized to system tray**

Tick this check box if you do not like the program to popup the **Minimize to System Tray Notification** when you click the  button on the window. Clicking on the  button will not exit the program, MultiManager will only shrink to the system tray and still run for backup jobs. You may right-click on the icon to see the menu or double-click on the icon to bring it back.

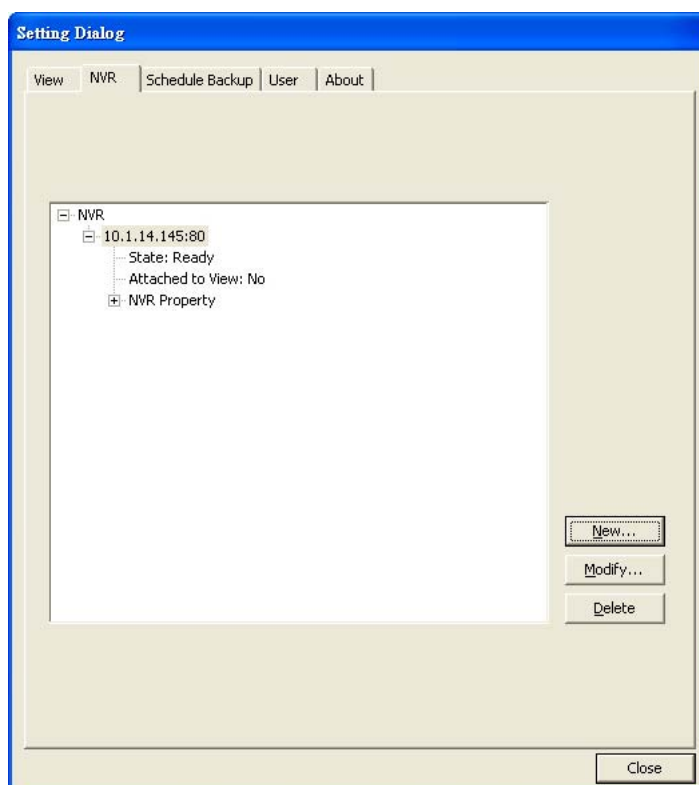
### **Save all settings and backup information to MultiManager-Setting.reg and MultiManager-Backup.reg**

Click  to open a dialog box where you may browse your disk drives to select a desired saving folder.


## **NVR**

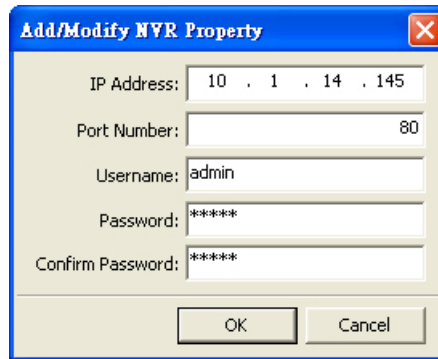
---

Select **NVR** tab in the **Setting Dialog** window. In this section, you may manually add available NVR devices, modify current information of an available NVR and delete unnecessary NVR devices from this program.




## New

Press the  button to manually add an available NVR. Enter the **IP Address**, **Port Number**, **Username**, **Password** and **Confirm Password** then press **OK** to complete the procedure.

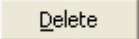


The image shows a dialog box titled "Add/Modify NVR Property" with a close button (X) in the top right corner. It contains several input fields: "IP Address" with the value "10 . 1 . 14 . 145", "Port Number" with the value "80", "Username" with the value "admin", "Password" with "\*\*\*\*\*", and "Confirm Password" with "\*\*\*\*\*". At the bottom, there are "OK" and "Cancel" buttons.

## Modify

Press the  button to modify current information of the available NVR. You may modify the **Port Number**, **Username**, **Password** and **Confirm Password** then press **OK** to complete the procedure.

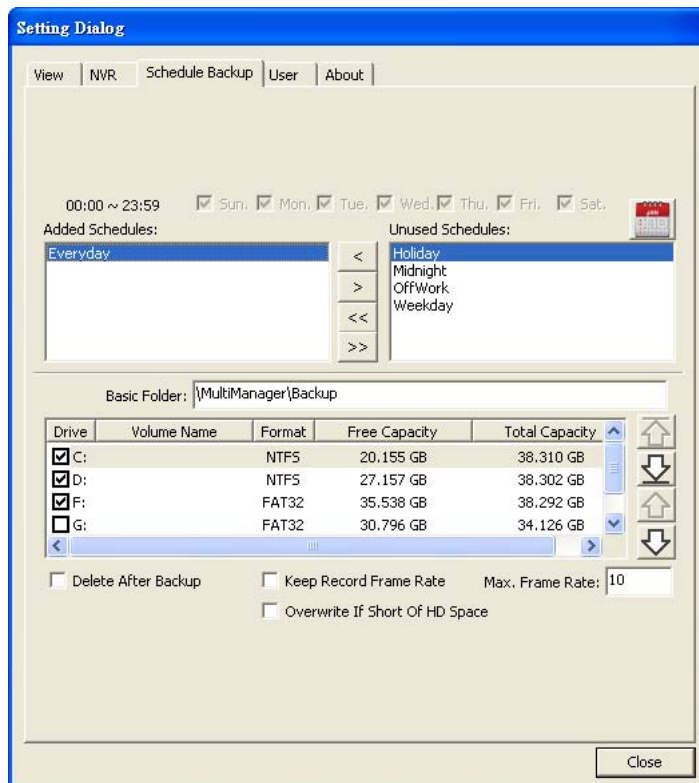
## Delete

Press the  button to delete an unnecessary NVR. Select the desired NVR device and click the **Delete** button in the window to remove the selected NVR device.

## Schedule Backup


---

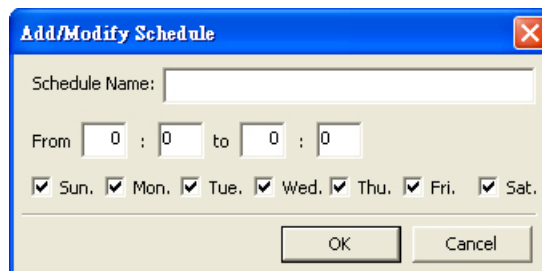
Select **Schedule Backup** tab in the **Setting Dialog** window. In this section, you may configure the backup schedule, decide the **Basic Folder** and set the priority of the drives used for NVR backup.




## Schedule

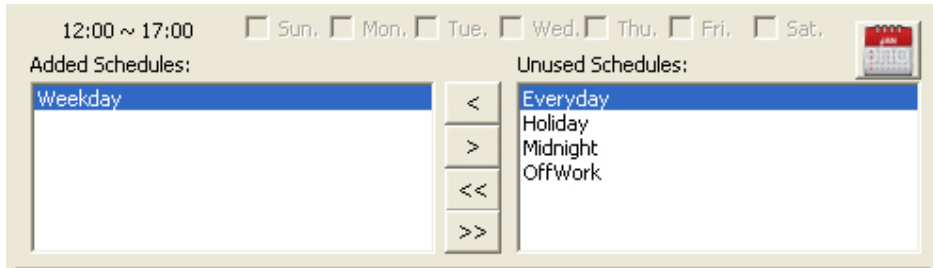


Click the  button to display **Schedule Management** window. Click the **New** button to configure a backup schedule. Enter the **Schedule Name**, start and end time, and tick the check box on the desired days then press **OK** to complete the procedure. In the **Schedule Management** window, you may click the **Modify** button to modify the selected item, or click the **Delete** button to delete the selected item.







The newly added schedule will display in the **Unused Schedules** column, you may click the  button to move the selected item to the **Added Schedules** column to activate the backup schedule.









The buttons and their respective functions are shown in the following table:

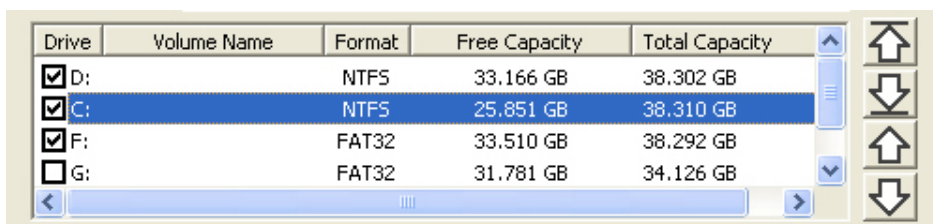
Button	Function
	Move the selected item from the <b>Unused Schedules</b> column to the <b>Added Schedules</b> column.
	Move the selected item from the <b>Added Schedules</b> column to the <b>Unused Schedules</b> column.
	Move all items from the <b>Unused Schedules</b> column to the <b>Added Schedules</b> column.
	Move all items from the <b>Added Schedules</b> column to the <b>Unused Schedules</b> column.

### Basic Folder





Enter the **Basic Folder** name above the **Drives** list to create the saving folder for NVR backup. All scheduled NVR backup recordings will be saved in this folder.

### Drives

In the **Drives** list, you can set the priority of the drives used for NVR backup. The backup videos will only be saved in the selected drives, according to the top-to-bottom drive order on the list. Tick two or more check boxes before the drives and use the , ,  or  button to move a selected item up or down. If you only tick the check box before one drive, that drive will be moved to the top of the list automatically. If the selected drives are full, this program will not execute the scheduled backup.



The buttons and their respective functions are shown in the following table:

Button	Function
	Move the selected item to the top.
	Move the selected item to the bottom.
	Move the selected item up.
	Move the selected item down.

### **Delete After Backup**

Tick this check box to delete the original files after the backup is completed.

### **Keep Record Frame Rate**

Tick this check box to keep the original recording frame rate or set the **Max. Frame Rate**. Enter a number between 1 and 40 in this field.

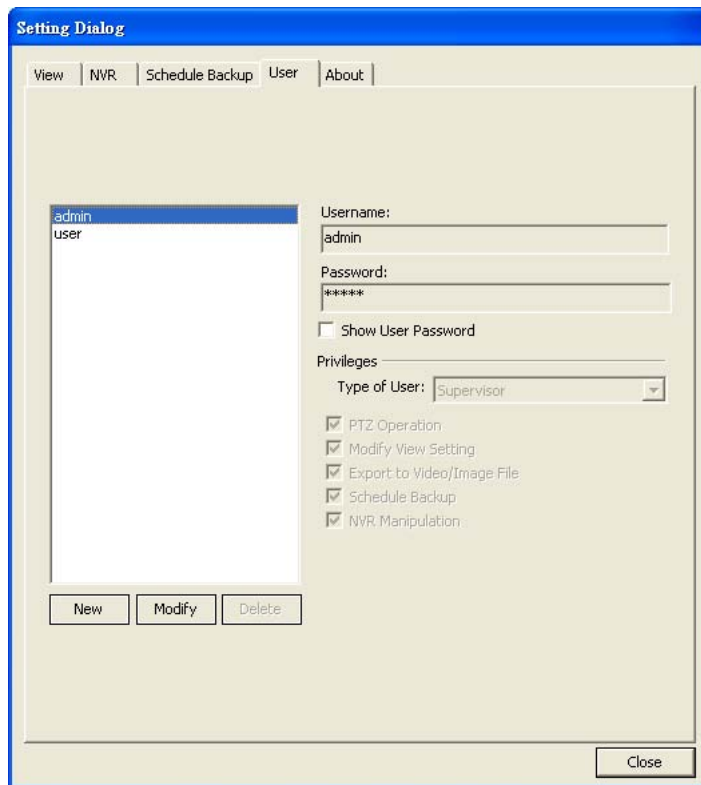
### **Overwrite If Short Of HD Space**

Tick this check box to overwrite the hard disk if the selected drives are full. Existing videos will be deleted from the hard drive.

## **User**


---

Select **User** tab in the **Setting Dialog** window. In this section, the administrator can add several **Managers**, **Operators** and **Viewers**. We offer an Administrator account with the Username “admin” and default Password “admin”. Please modify the administrator’s password to avoid unauthorized usage.




The information of the selected user is displayed on the right side, including: **Username, Password, Type of User** and its **Privileges**. You may tick the check box of **Show User Password** to display the **Password**.


### **New**

Press the  button to add users with different privileges. Enter the **Username, Password, Confirm Password**, select **Type of User** from the drop-down list, tick the different privileges check boxes and then press **OK** to complete the procedure.

## Modify

Press the  button to modify information of the currently selected user. Press **OK** to complete the procedure.

## Delete

Press the  button to delete unnecessary users. Select the desired user and click the **Delete** button in the window to delete the selected user.

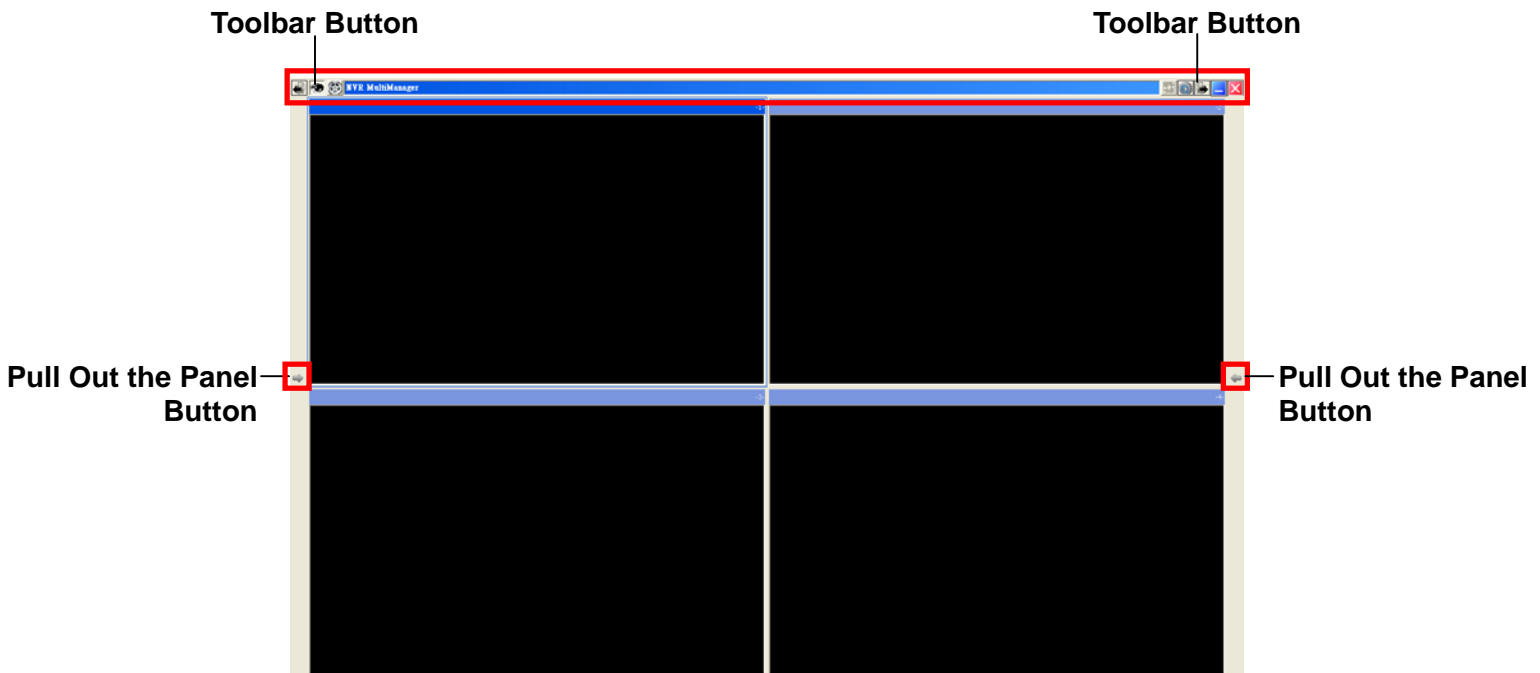
The following table lists the maximum privilege rights of the different user accounts:

User Privilege	Viewer	Operator	Manager	Supervisor (Administrator)
View "Live View" and "Record View" page	O	O	O	O
PTZ Operation	X	O	O	O
Modify View Setting	X	O	O	O
Export to Video/Image File	X	X	O	O
Schedule Backup	X	X	O	O
NVR Manipulation	X	X	O	O
Add new user	X	X	X	O

## About

Select **About** tab in the **Setting Dialog** window to display related information about this program.






# Chapter III. Working with the MultiManager







The main page will show Live View Windows, displaying the live video streams captured by the cameras connected with the NVR devices.



Surrounding the Live View Windows, there are a few buttons for you to configure and control the functions.

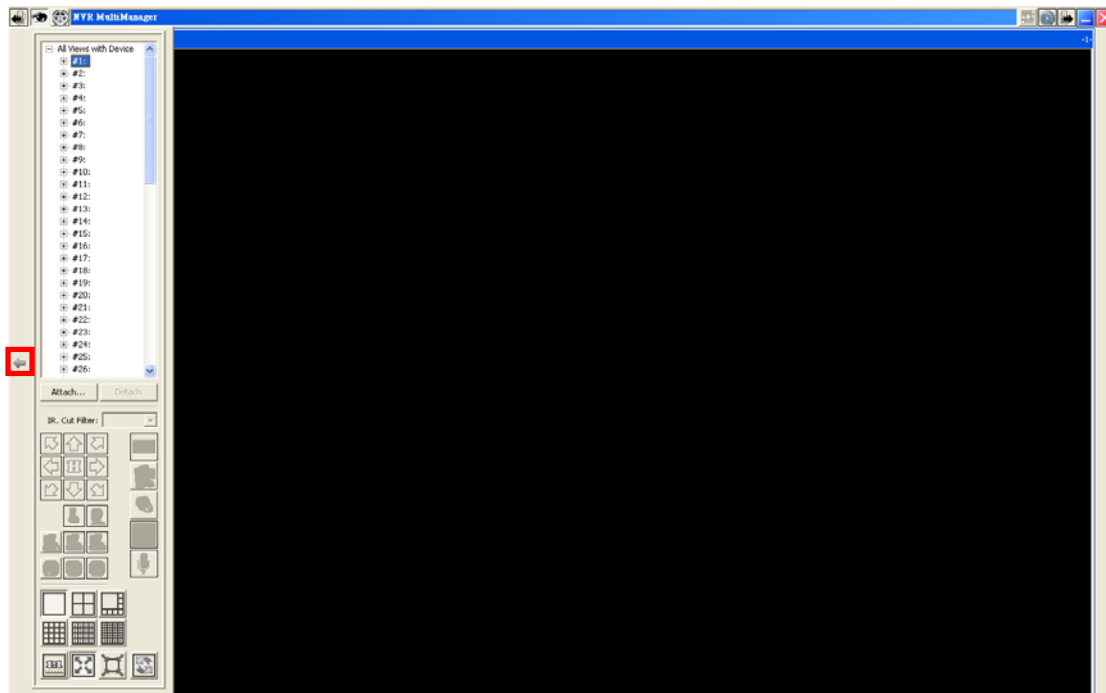
The Toolbar buttons and their respective functions are shown in the following table:

Button	Function
 <b>To Previous Group</b>	Go to previous page.
 <b>Live View</b>	Display the live view window.
 <b>Record View</b>	Display the record view window.
 <b>Start / Stop to Cycle Views to Main Window</b>	Start or stop the Cycle Views in the Main Window. This function is only available when the <b>Eight Windows per View</b> display mode is selected.
 <b>Preference</b>	Display the <b>Setting Dialog</b> window to configure settings.

 <b>To Next Group</b>	Go to next page.
 <b>Minimize to Task Bar</b>	Minimize this program to the task bar.
 <b>Close Application</b>	Close this program to the system tray, the backup jobs will still be executed.
 <b>Pull Out the Panel</b>	Display the control panel.

## Attach and Detach Channel

Click  or  button on each side of the window to pull out the control panel.

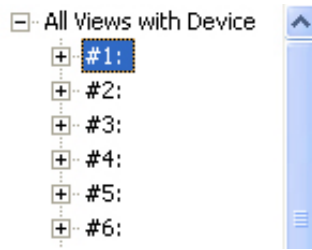


### Attach Channel

You may attach channels of several NVR devices located at different sites.

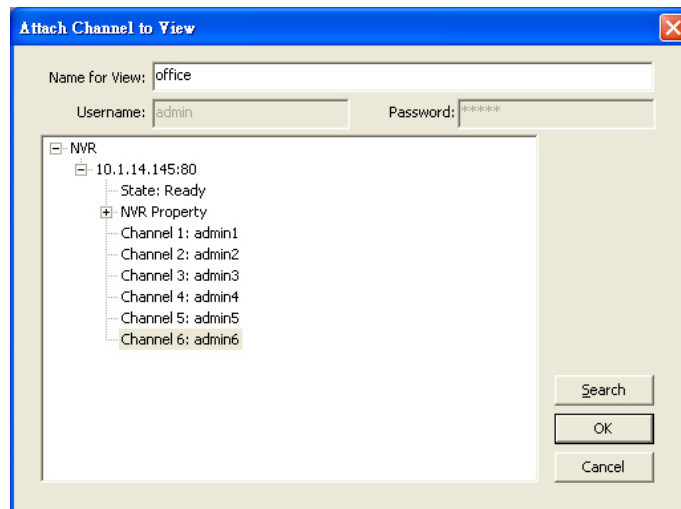
1. On the channel lists window, click on the number you want to attach and press the

 button.

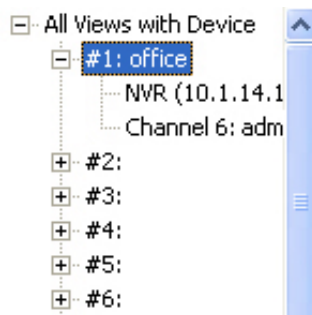


2. The **Attach Channel to View** window appears. You may do one of the following to attach channel:

- a. Double-click on the desired NVR device to attach the available live view channels. Select the channel you want to attach from the NVR list, enter the **Name for View** and then click the **OK** button.
- b. Press the **Search** button to automatically detect connected NVR devices. Double-click on the desired NVR device to attach the available live view channels. Select the channel you want to attach from the NVR list, enter the **Name for View**, **Username** and **Password** then click the **OK** button.



3. The channel is successfully attached when the **Name for View** shows after the number and the channel information is displayed.

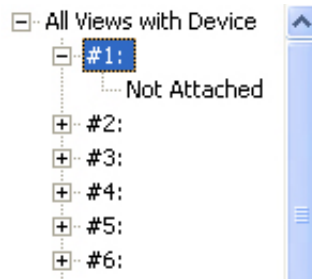


### Detach Channel



1. Click on the number you want to detach and press the  button.

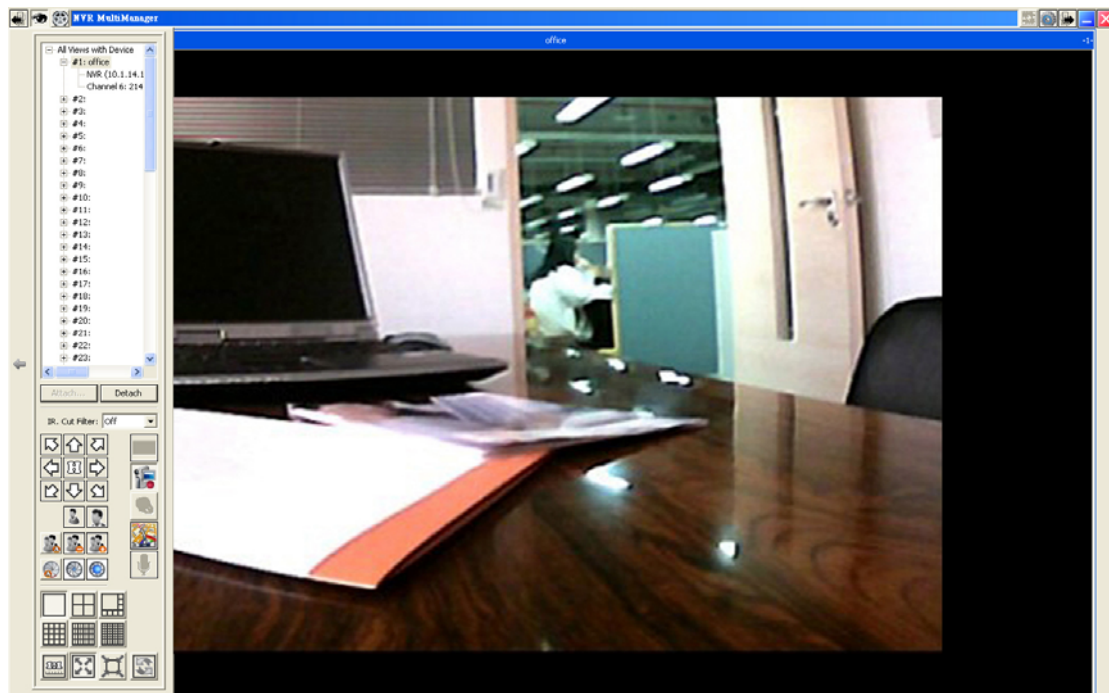


2. The channel is successful detached when **Not Attached** appears below the number.



## Viewing the Live View Channels

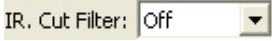










After configuring the settings, you can start to live view the video channels with this program. Click the  or  button at the top of the live view window to cycle through the video channels.
















### Camera Control Buttons

You can only access these functions when the connected IP Camera is built with related functions. Only authorized [Users](#) can access these functions. The buttons and their respective functions are shown in the following table:













Button	Function
	<p>If you set the <b>IR Cut Filter</b> to <b>Off</b>, the image is displayed in black &amp; white. If you set the <b>IR Cut Filter</b> to <b>Auto</b>, the camera will turn the filter off automatically when the surrounding light falls below the specific requirement.</p>
	<p>If you are using a PTZ network camera, the PTZ Setting buttons will be activated. Click on the buttons to make PTZ adjustments to the camera. Using PTZ control, you may focus the network camera to a desired position.</p> <p>Click these arrow buttons to adjust the direction of the camera lens. Click  to reset the camera to its home position.</p>
 <p><b>Move IP Camera towards the Upper-Left Direction</b></p>	<p>Click this button to move the IP Camera towards the Upper-Left direction.</p>
 <p><b>Move IP Camera towards the Left Direction</b></p>	<p>Click this button to move the IP Camera towards the Left direction.</p>
 <p><b>Move IP Camera towards the Lower-Left Direction</b></p>	<p>Click this button to move the IP Camera towards the Lower-Left direction.</p>
 <p><b>Move IP Camera towards the Upward Direction</b></p>	<p>Click this button to move the IP Camera towards the Upward direction.</p>
 <p><b>Move IP Camera to the Default Position</b></p>	<p>Click this button to move the IP Camera to the default position.</p>
 <p><b>Move IP Camera towards the Downward Direction</b></p>	<p>Click this button to move the IP Camera towards the Downward direction.</p>
 <p><b>Move IP Camera towards the Upper-Right Direction</b></p>	<p>Click this button to move the IP Camera towards the Upper-Right direction.</p>
 <p><b>Move IP Camera towards the Right Direction</b></p>	<p>Click this button to move the IP Camera towards the Right direction.</p>

 <b>Move IP Camera towards the Lower-Right Direction</b>	Click this button to move the IP Camera towards the Lower-Right direction.
 <b>Zoom Out</b>	Click this button to zoom out.
 <b>Zoom In</b>	Click this button to zoom in.
 <b>Auto. Focus</b>	Click this button to enable auto lens focus.
 <b>Focus Near</b>	Click this button to focus near.
 <b>Focus Far</b>	Click this button to focus far.
 <b>Auto. Iris</b>	Click this button to enable auto Iris.
 <b>Iris Closing</b>	Click this button to close the Iris.
 <b>Iris Opening</b>	Click this button to open the Iris.
 <b>Snapshot</b>	Click this button to capture the image shown in the current viewer.
 <b>Enable/Disable Video &amp; Audio Recording</b>	Click this button to enable or disable video and audio recording.
 <b>Mute</b>	Click this button to mute.
 <b>Camera location on Map</b>	Click this button to add camera indication on the map.


### Display Buttons

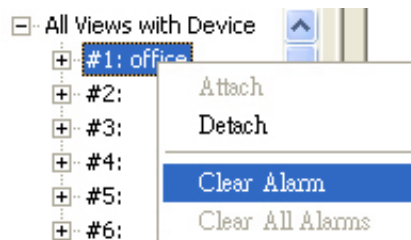
Click the buttons at the bottom of the control panel to change the display mode. The buttons and their respective functions are shown in the following table:

Button	Function
	Display one live view channel at a time.

<b>One Window per View</b>	
 <b>Four Windows per View</b>	Display four live view channels at the same time.
 <b>Eight Windows per View</b>	Display eight live view channels at the same time.
 <b>Sixteen Windows per View</b>	Display sixteen live view channels at the same time.
 <b>32 Windows per View</b>	Display 32 live view channels at the same time.
 <b>64 Windows per View</b>	Display 64 live view channels at the same time.
 <b>View Video in Actual Size</b>	Display the live view channel in its original video ratio.
 <b>Fit in View Window</b>	Makes the live view channels fit their current view windows.
 <b>Shrink Bigger Image Only</b>	Shrinks the live view channels to their original video resolution or smaller depending on the view windows.
 <b>Cycling the View Groups</b>	Enable or disable group cycling. Press this button to enable group cycling. All live view videos will take turns to display on the screen one by one.

## Clear Alarm

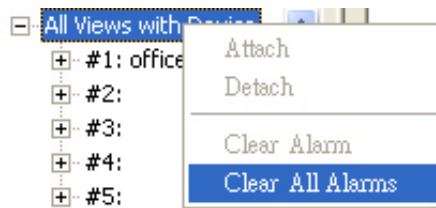
On the channel lists window, right-click on the channel number you want to clear the alarm status to open a pop-up menu. Select **Clear Alarm** to clear the alarm status of this channel. The  icon will disappear from the upper left corner of the channel window.



## Clear All Alarms

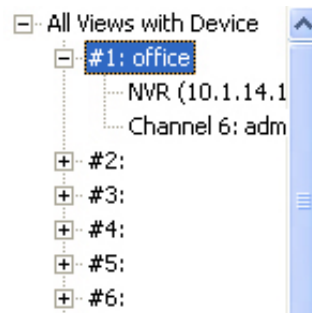
On the channel lists window, right-click on the **All Views with Device** to open a pop-up menu. Select **Clear All Alarms** to clear the alarm status of all channels. The


 icons will disappear from the upper left corner of all channel windows.

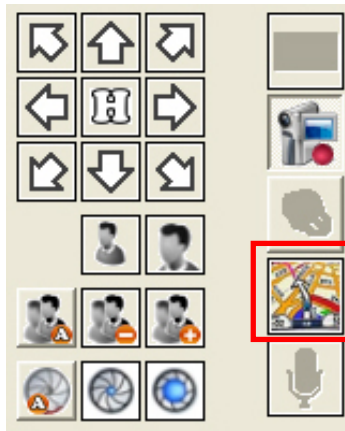


## Adding Camera Location Map to the Channel

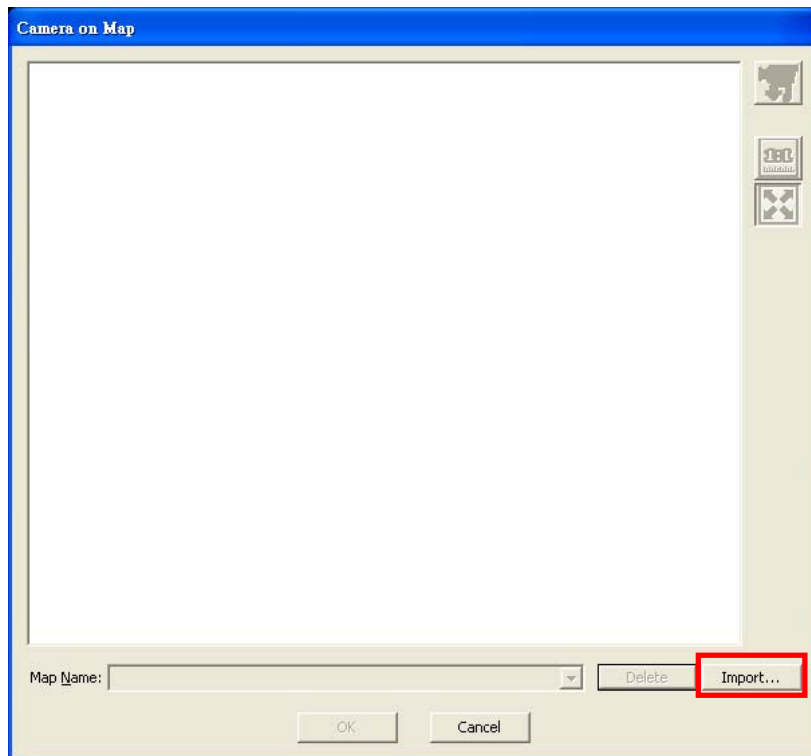
1. Select a desired channel from the channel list that you want to add a camera location map to.




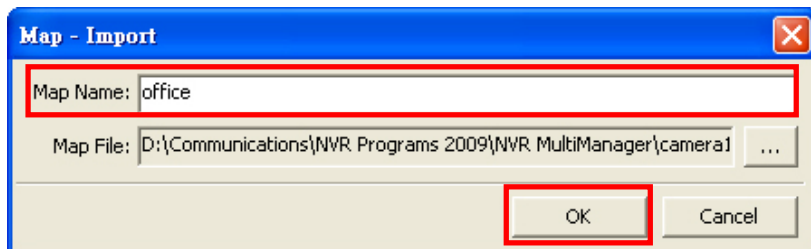
2. Click the  button in the control panel to add a camera location map.





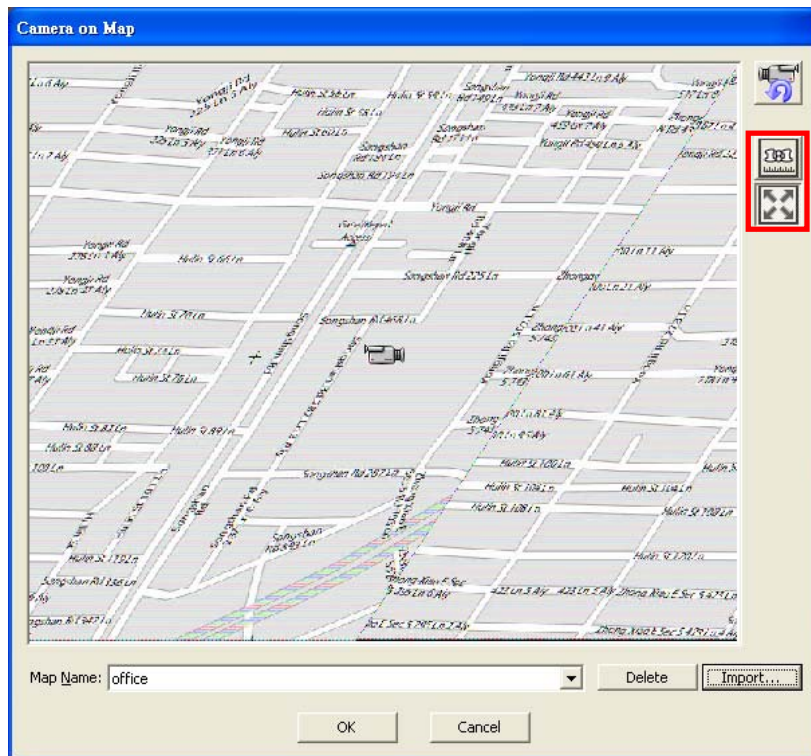
3. In the following window, click the **Import** button.



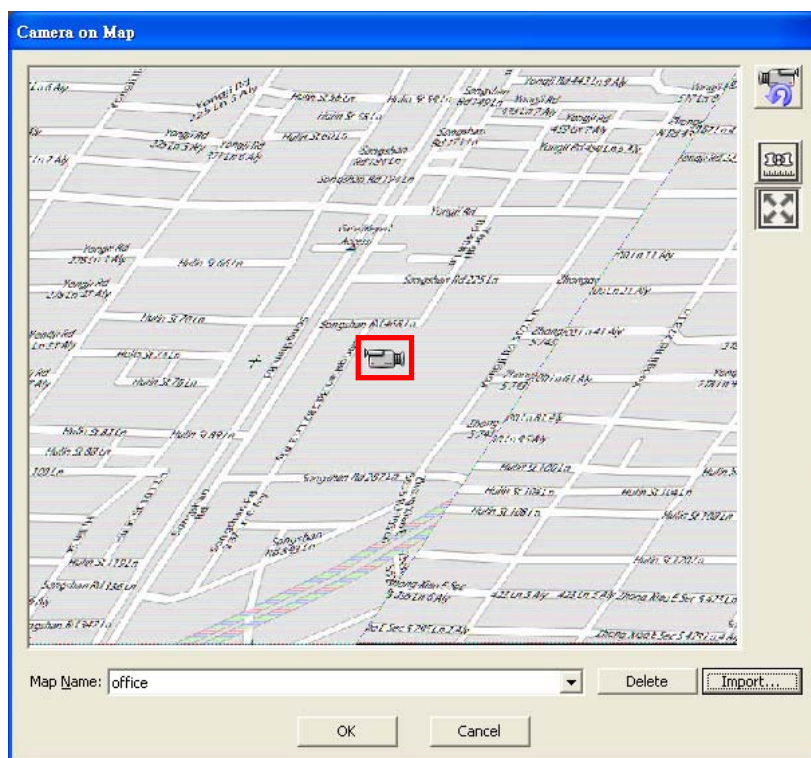
4. In the dialog that opens, click the  button to browse your disk drives to select the desired camera location map in the .bmp, .gif, .jpg or .png file format and click the **Open** button. You can upload maps in the .bmp, .gif, .jpg or .png file format. Enter a **Map Name** and then click **OK**.




5. Click the  or  button on the right side of the window to adjust the map size.

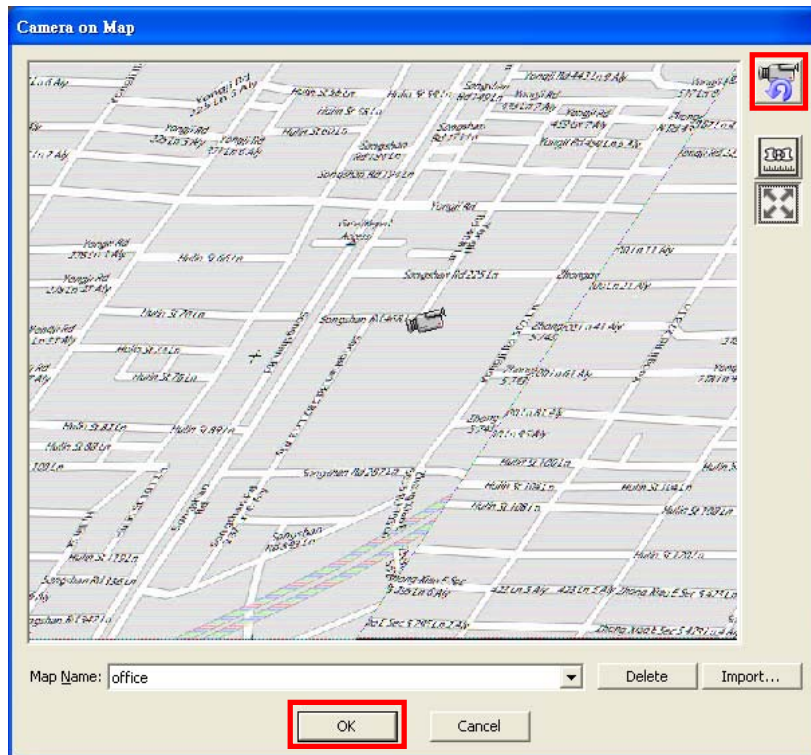


6. Click and drag the camera icon to the desired position on the map in order to indicate the camera location.




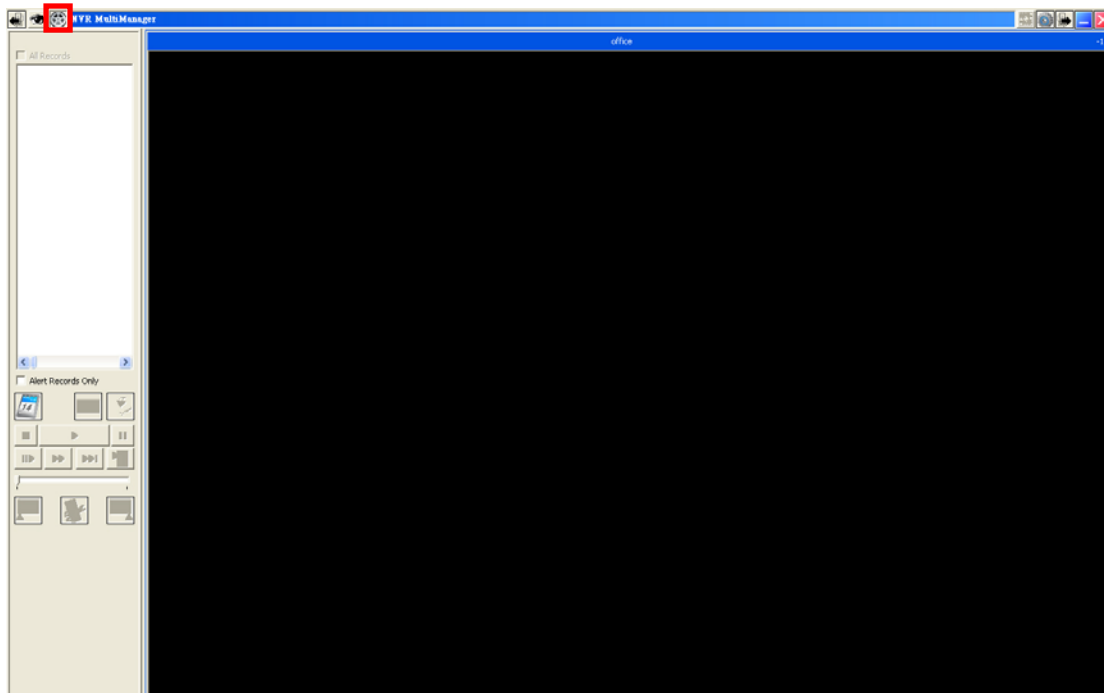
7. Click the  button on the right side of the window to turn the cursor into the eye icon on the map. To indicate the direction of the camera lens, move the eye icon to the desired direction of the camera lens and click on the map to rotate the

camera icon. Press **OK** to complete the procedure.




## Playing the Recorded Videos

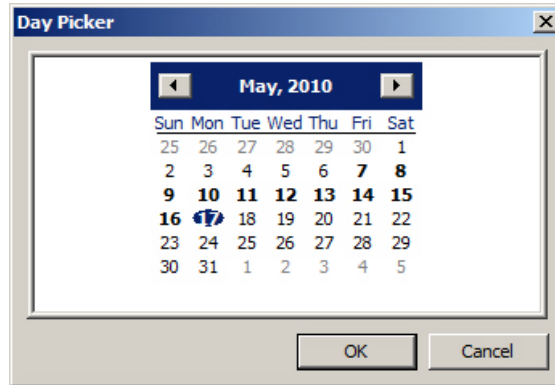
Click the  button on the upper-left of the main window to enter the record view window. You may start to view the recorded videos in this window.



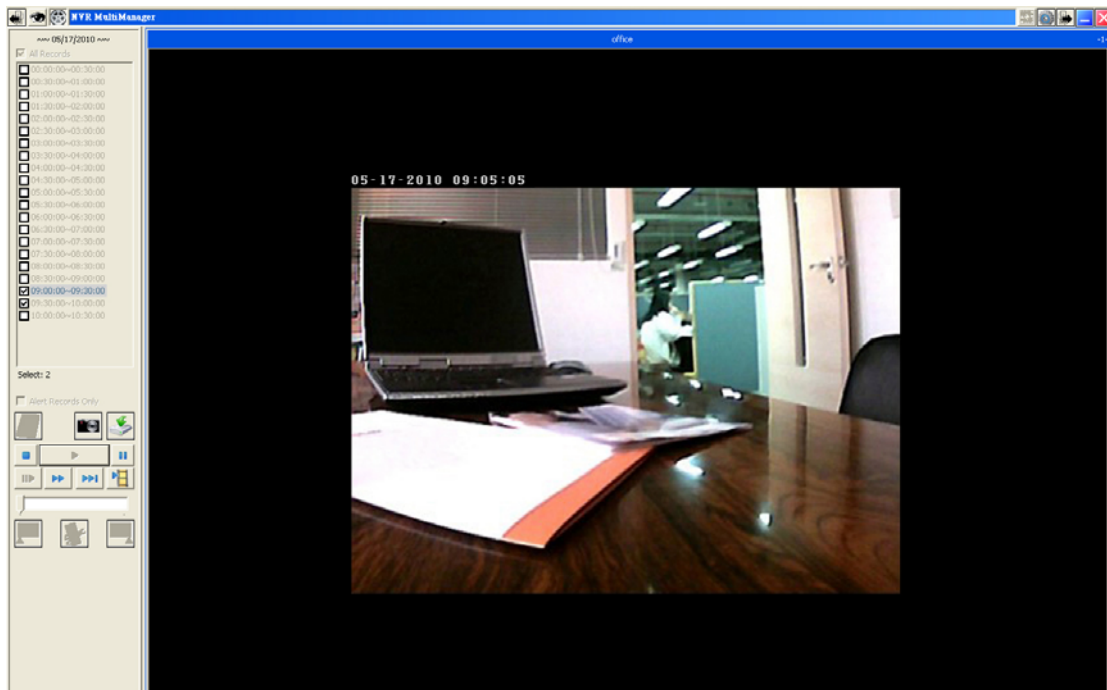
1. Please refer to the [Attach Channel](#) section to attach channels before viewing the

recorded videos.

2. Click the  button in the control panel, the **Day Picker** window appears. A day in bold font indicates that there are videos recorded on that day. Select one day from the calendar and click the **OK** button to display the Record List.


















3. The Record List displays the recorded date and the available recorded video files. From the Record List, tick the check box in front of the videos you want to view. The red record file in the Record List window indicates event trigger recordings, and the black record file indicates regular recordings. You may tick the **All Records** check box to select all video records. Tick the **Alert Records Only** check box to display only the event trigger recordings.



4. Click the buttons at the bottom of the control panel to view the recorded videos. The buttons and their respective functions are shown in the following table:



Button	Function
 <b>Pick up a Day for Records</b>	Click this button to display the <b>Day Picker</b> window.
 <b>Snapshot</b>	Click this button to capture the image shown in the current viewer.
 <b>Download the Selected Record</b>	Click this button to download the selected record.
 <b>Stop Playing</b>	Click this button to stop playing the video.
 <b>Play the Record(s)</b>	Click this button to play the selected video records.
 <b>Pause Playing</b>	Click this button to pause the video playing.
 <b>Play an Image once a time</b>	Click this button to move forward one image at a time when the video is paused.
 <b>Play Faster</b>	Click this button to Fast Forward. Each click doubles the play speed.
 <b>Play Next Chapter</b>	Click this button to move to the next video section.
 <b>Play Next Record</b>	Click this button to move to the next video file when you have selected more than one video file.
 <b>Set Begin of Clip Range</b>	Click this button to set the beginning of the clip range when the video is paused.
 <b>Clip Selected Range to Video File</b>	Click this button to export the selected range video to the saving folder you have set in the <a href="#">View</a> page. This button is only available when you use  and  to set the clip range.
 <b>Set End of Clip Range</b>	Click this button to set the end of the clip range when the video is paused.

# Specifications<sup>1</sup>

Video Display Mode	Web Browser: Single or 4-CH display MultiManager: Single, 4, 8, 16, 32, 64, 128-CH display formats
Network-based Camera Compatibilities	Axis, Panasonic, Mobotix, Pelco, Sony, Vivotek, Etrovision, Basler, Allnet, & more
Video Compression Format Recordings	MJPEG, MPEG4, H.264
Audio Recordings	Yes
Video Settings	Resolution, quality, frame rate, rotating image, color levels, date/time/text overlay/stamp
Recording Mode	Continuous schedule, alarm/event, motion, manual, and snapshot
Recordings Performance	Up to 60 fps / HQ VGA (640 x 480) Up to 120 fps /CIF (320 x 240) Up to 120 fps /QCIF (QQVGA) (160 x 120) *recording performance may vary due to network environments
Data Format	JPEG Snapshots, AVI format for video recordings
Network Camera Management	Automatic detection or manual installation (all configuration can be managed through NVR)
PTZ Controls	Pan / Tilt / Zoom available
Event Management	Notification using SMTP & FTP
User's Security	Three-tier access protection
Communication Protocol	TCP/IP / HTTP (Web Services) / UPnP (Only for discovering the IGD and open the virtual server) / SNTP (for Time & Date) DHCP server / Fixed IP (for IP Cameras LAN port) / DHCP Client / TFTP (for upgrade) / CLI (for console Operating Used for DEBUG & Factory) / SMTP (for Alarm Notification) FTP Client (for Alarm Notification) / DDNS (Vendor Dependent)
Software AP	Motion Jpeg, MPEG4, H.264 Complete recording / Timing schedule / System check / Playback / Search camera / Backup / Motion detection / Multiple language / Alarm triggered FTP / Pre/Post alarm
Language Support	English / German / Japanese / Russian / Traditional Chinese

<sup>1</sup> Specifications may change at any time without prior notice.

## Contacting Plustek

**Europe:** Plustek Technology GmbH  
An der Strusbek 60-62  
22926 Ahrensburg  
Germany  
Tel.: +49-4102-8913-0  
Fax: +49-4102-8913-500/508  
E-mail: [support@plustek.de](mailto:support@plustek.de)  
Website: [www.plustek.de](http://www.plustek.de)

**North America:** Plustek Technology Inc.  
17517 Fabrica Way, Suite B  
Cerritos, CA 90703  
U.S.A.  
Tel: +1 -714-670-7713  
Fax: +1 -714-670-7756  
E-mail: [supportusa@plustek.com](mailto:supportusa@plustek.com)

**Worldwide except  
Europe & North America:** Plustek Inc.  
13F-1, No.3 (Building F), Yuan Qu Street  
115 Nankang, Taipei  
Taiwan  
Tel: +886-2-2655 7866  
Fax: +886-2-2655 7833  
Website: [www.plustek.com](http://www.plustek.com)

Visit our website  
[www.plustek.com](http://www.plustek.com)  
for more customer service information.