

# UP-009 client server manual

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# Welcome

Thank you for purchasing a Vilar Multi-view product.



Vilar Multi-view is lens assistant software of IP Camera which can be performed on Microsoft Windows PC. You can use it more convenient with familiar monitor interface which is similar as traditional monitor system. The completed information about control area such as different period, different angle of view and different cameras can be provided by remote IP camera. And you can use Vilar Multi-view which is

an effective tool to manage that information.

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## About Functions

- ●Synchronization monitor with Multi screen supported
- ●Snapshot/recording function
- ●Schedule Task
- ●Disk free space safeguard function
- ●Caption
- ●History record view
- ●Dynamic Domain Name Service supported

# Installation Guide

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## System requirements

- ● **Operation System:** Windows2000 SP4 or above
- ● **CPU:** P4 1.5GHz or above
- ● **Hard disk space:**100M or above
- ● **Network card:**100mega network card
- ● **Resolution:**1024\*768 pixel or above

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## Installing Vilar Multi-view

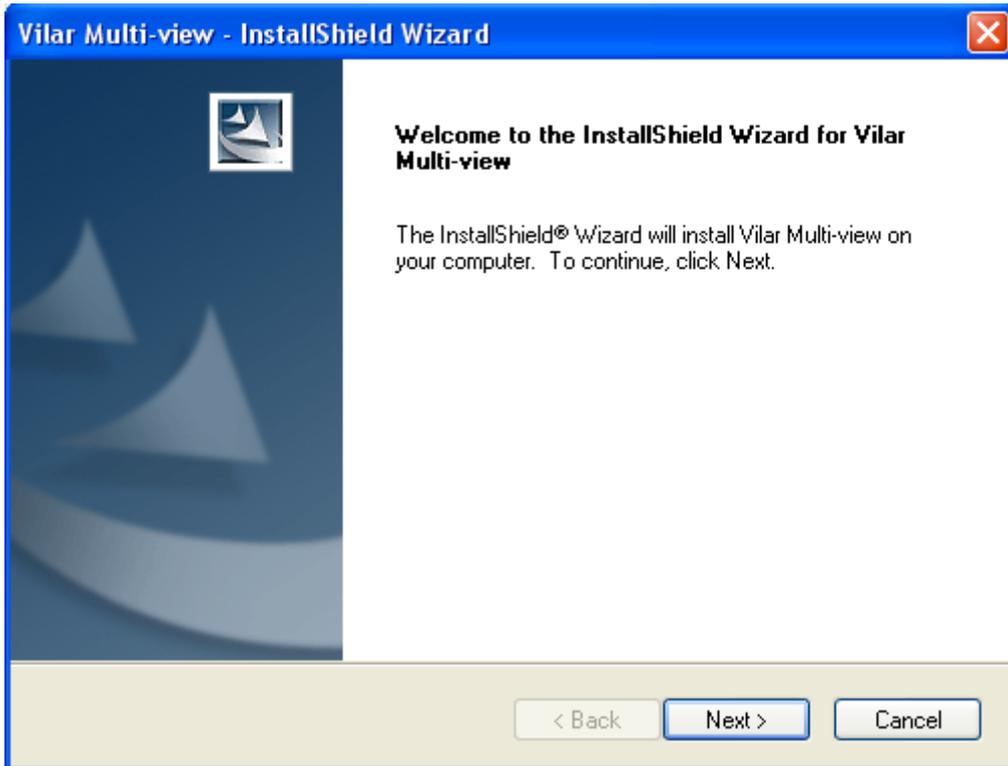
The installation of Vilar Multi-view is easy, simple and fast.

To install Vilar Multi-view

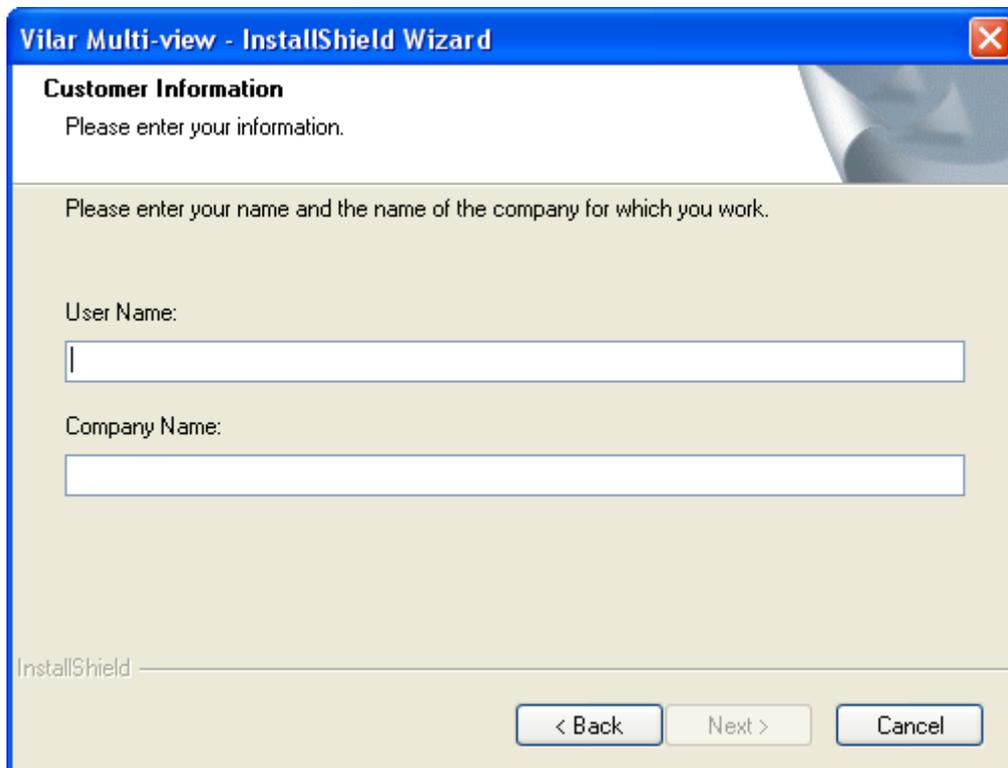
1. 1. Open the software installation file; double click  to open the setup program.
2. 2. Then the Windows document security warning will pop-up automatically, and click "Run" to running Setup Wizard.



3. 3. The installShield Wizard will pop-up automatically, please click "**Next**" to start it.

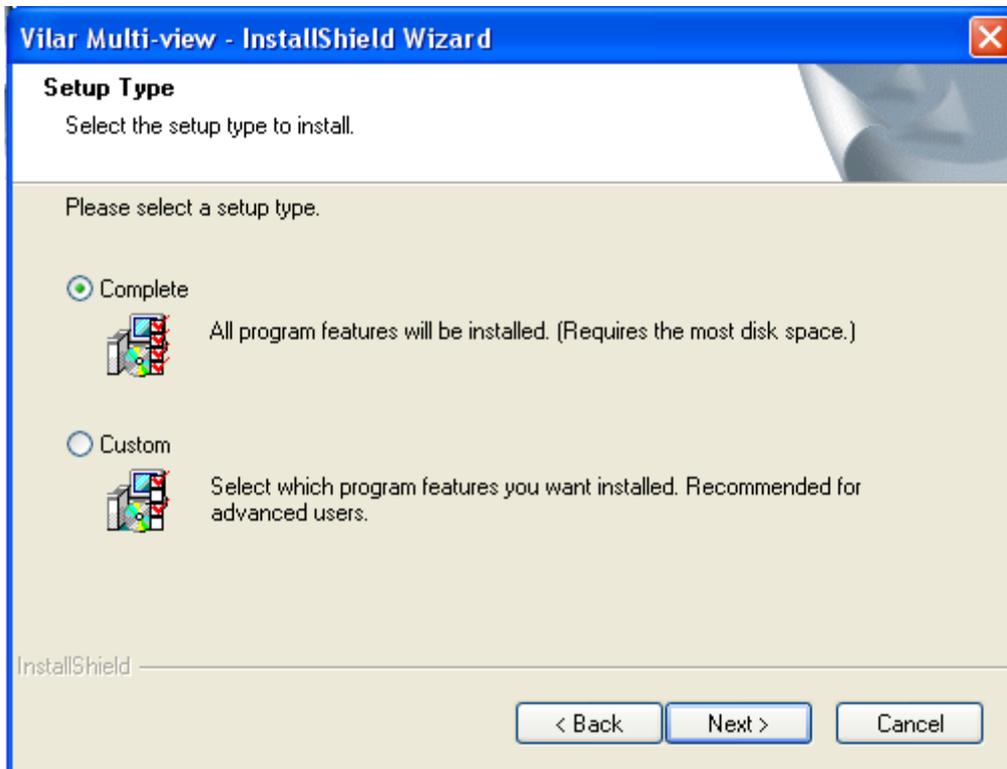


4. After enter the user name and company name please select "**Next**".

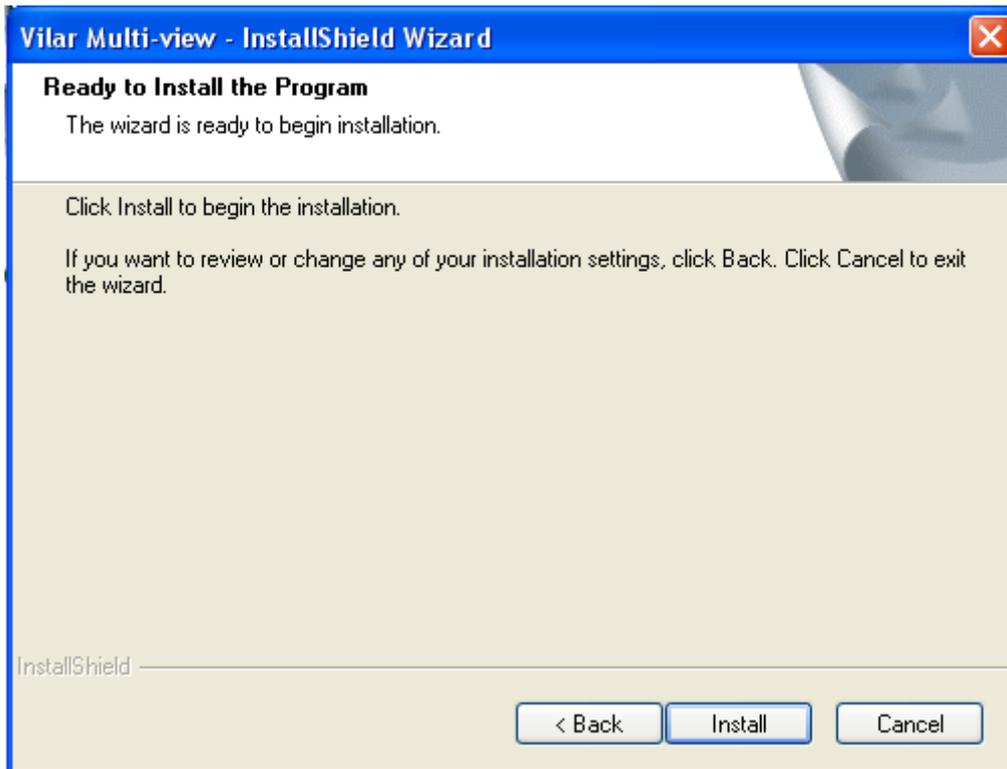


5. Choosing the installation type and confirm your selection. The default installation directory is "C:\Program Files\Vilar\Vilar Multi-view" when you

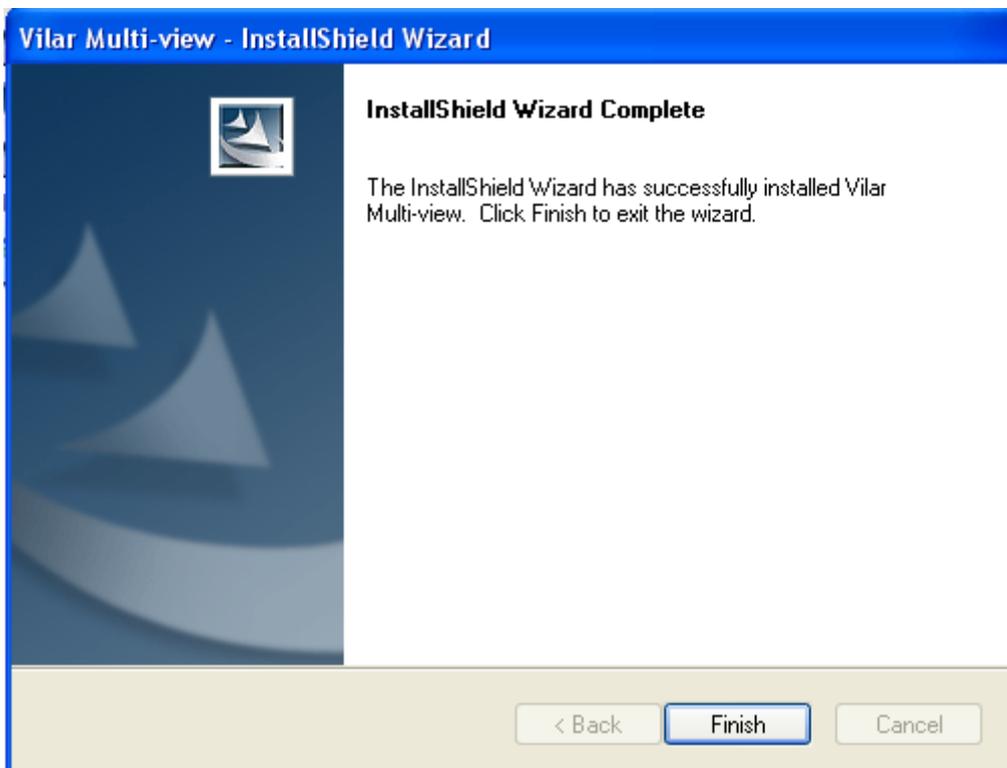
choose the "**completely**". Otherwise if you choose "**custom**" you can change the path.



6. Select "**install**" to start install software.



7. Click "**Finish**" button to confirm and close the window.



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## Starting Vilar Multi-view

After the installation, you can start Vilar Multi-view in two different ways:

1. 1. Click **Start > Programs > Vilar Multi-view> Vilar Multi-view**

2. 2. The system will automatically set an icon for Vilar



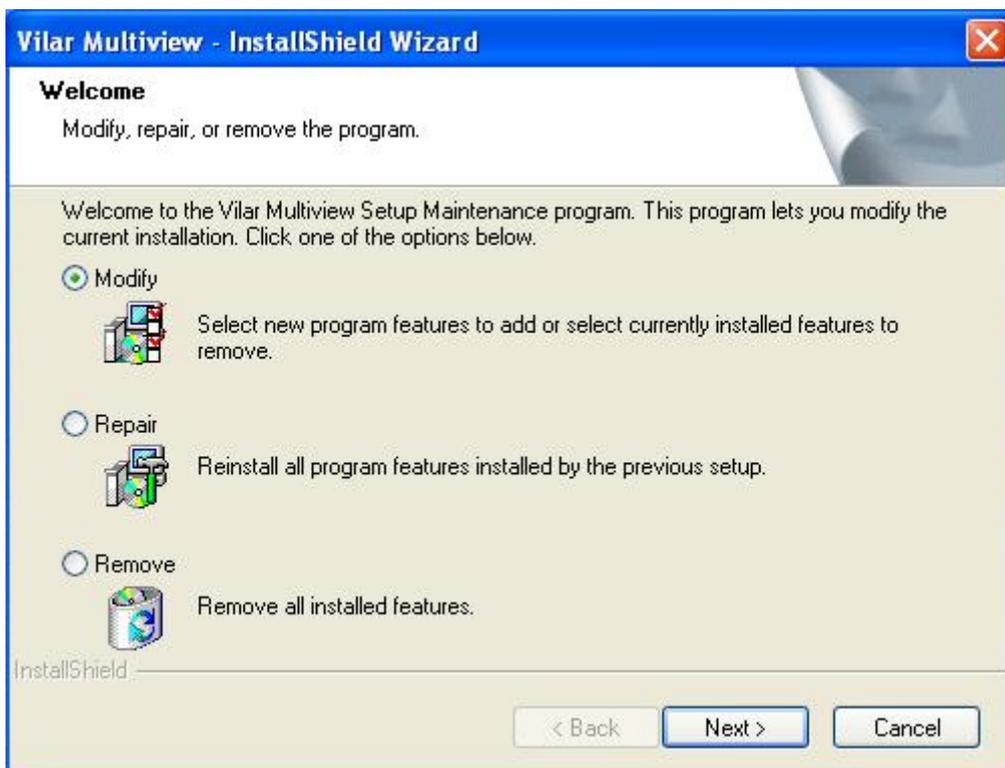
Multi-view on the desktop as **Multi-view**. Click the icon to start up Vilar Multi-view.

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## Uninstalling Vilar Multi-view

Vilar Multi-view provides easy-to-use auto-uninstalling function, which enables you to remove all files, program groups and shortcuts from Vilar Multi-view.

Click **Start > Programs** to open the program groups of "Vilar Multi-view", then select the item "**Uninstall**". The Setup Wizard will run automatically. You can choose the different items as modify, fix or uninstall Vilar Multi-view:



Where, "**Modify**" function enables you to install Vilar Multi-view's personalization components; "**Repair**" function is used to fix any component in which an error occurs. If you want to uninstall Vilar Multi-view, just select "**Remove**" and click "**Next**", then follow onscreen instructions and Vilar Multi-view will be removed in a safe and quick way.

You can also choose another method: select **Add/Remove Programs** from **Control Panel** of windows system and Vilar Multi-view will be uninstalled quickly.

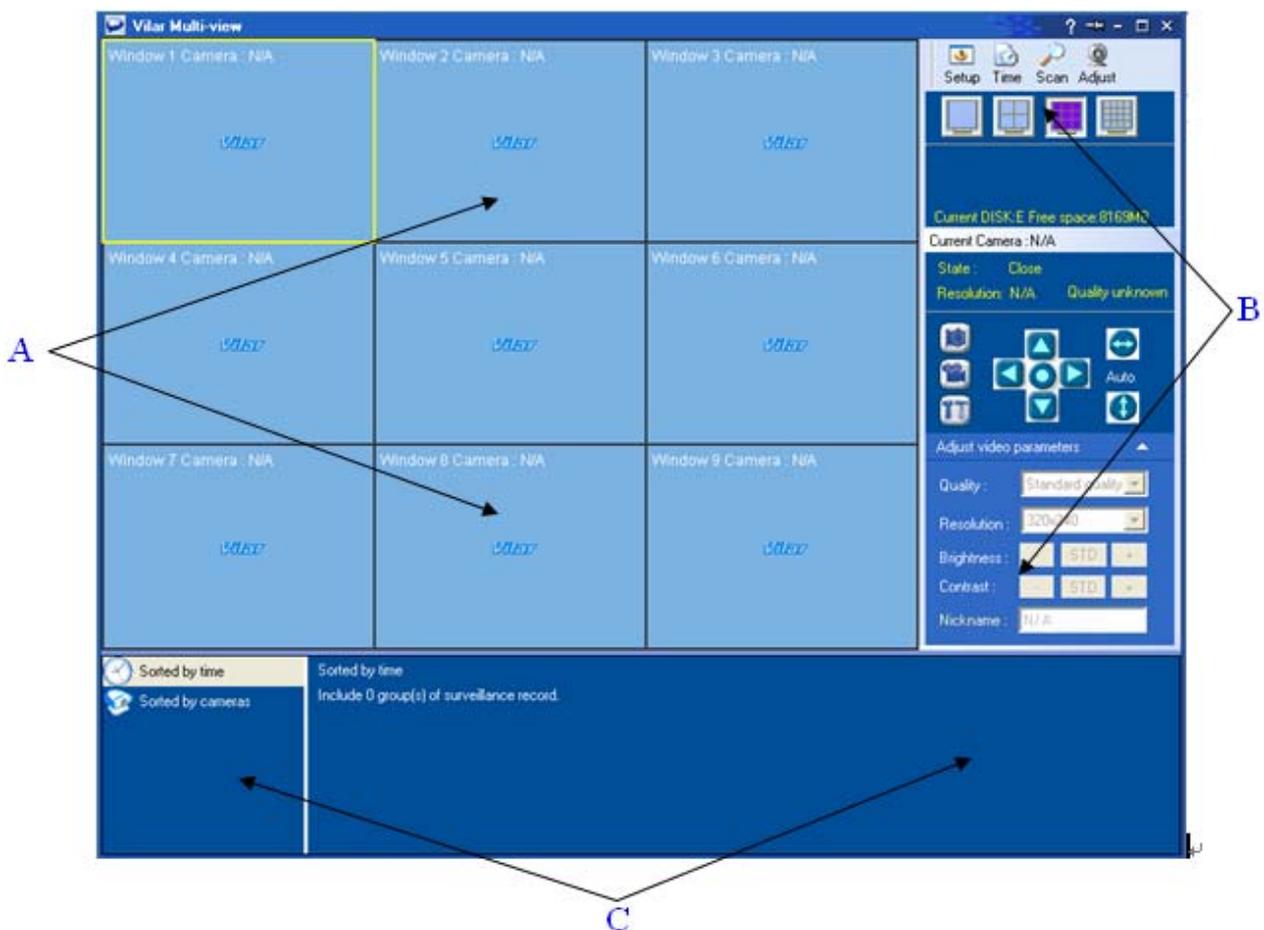
If Vilar Multi-view needs to be reinstalled for some reasons after the installation, just select the "**Uninstall**" item and

choose the **"Repair"** option to fix Vilar Multi-view.

All components are provided by this program groups are necessary. Ensure the **"Main App"** item is selected when you choosing the **"Repair"** button and all functions will be reinstalled of this software.

# Interface style

## Main Interface



**A:** Central window

**B: Control panel**

**C: History record view panel**

**Central Window:** This central window can indicate the video for each IP Camera at the same time. The work of surveillance multi-video at the same time becomes easier and simply. There are four types of screen splitting for this software like single screen, four screens, nine screens and sixteen screens.

**Control panel:** For setting different functions of this software, you can use it change the display mode of central window and set the parameters, also the schedule task and storage directory can be set by this panel.

**History record view panel:** On this panel the history record file can be found easier and view more convenient.

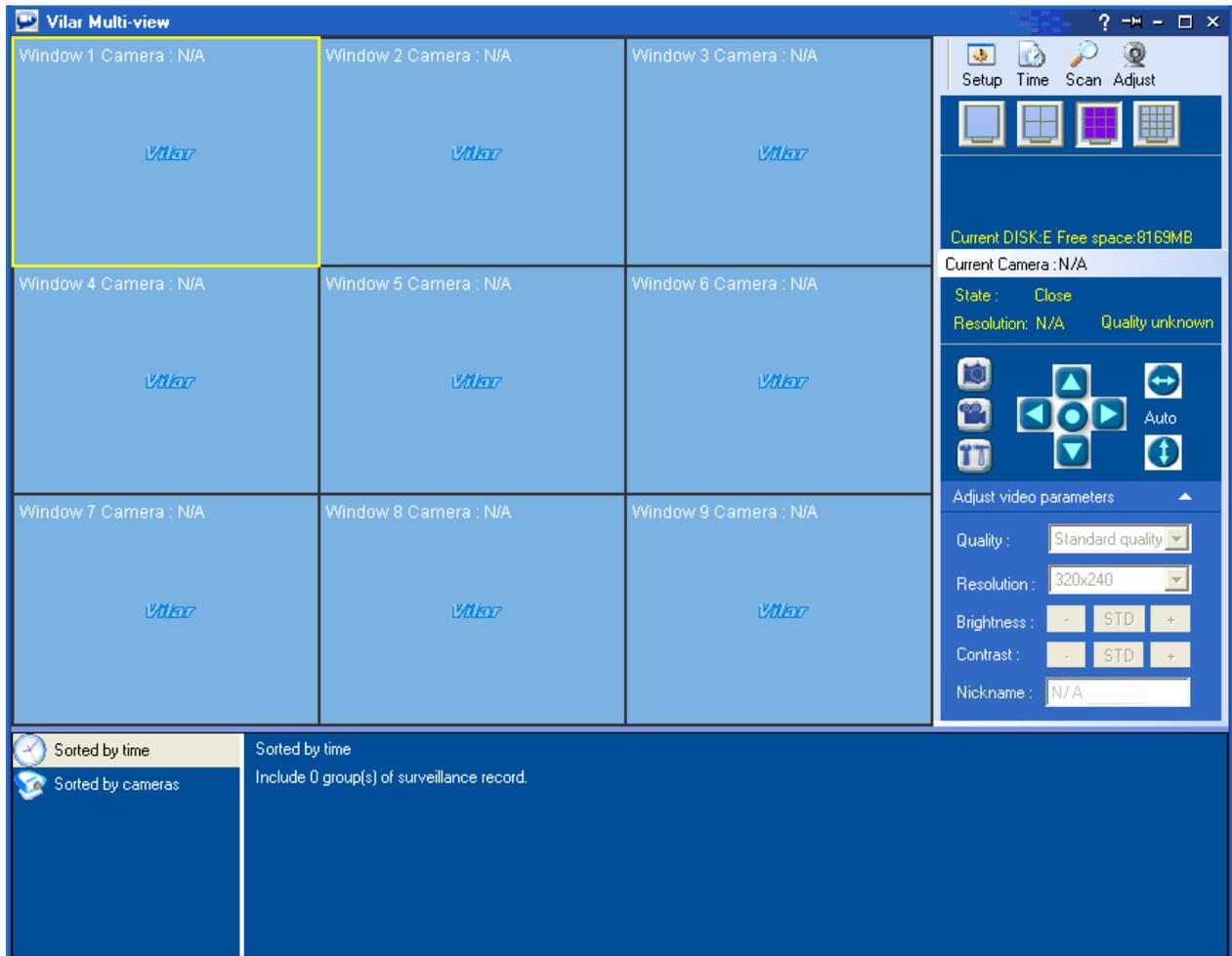
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## Main Interface modes

The main interface includes common mode and floating mode. You can make switching operation between those two modes by click  and  buttons on the title bar.

### Common Mode

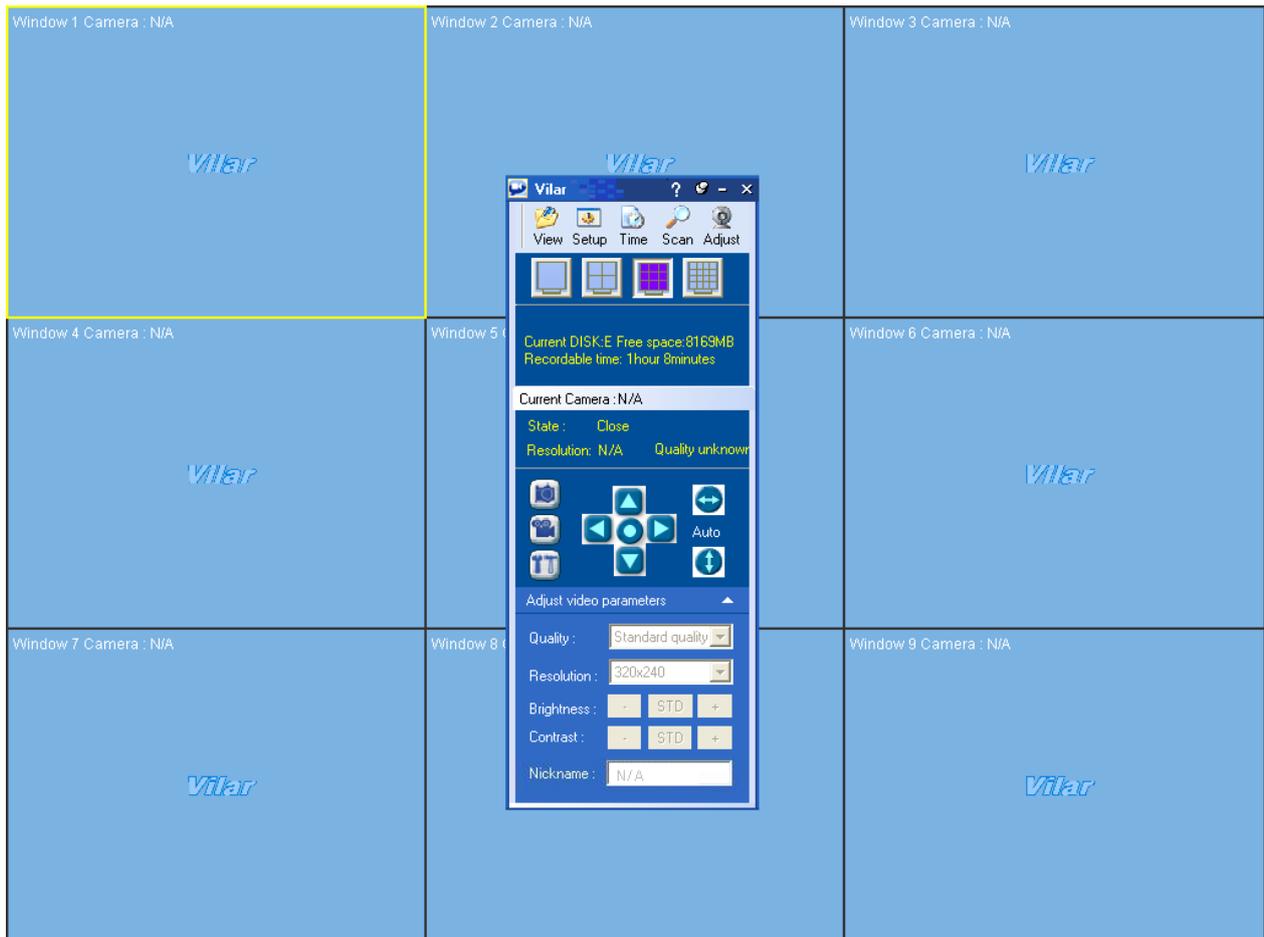
Under common mode the main interface as follow:



**Title Bar:** as  . You can execute some operations by click the buttons on the title bar such as change interface modes, view online help, hidden interface, maximization interface and close software. You can point on title bar and left pressing mouse to moving the main interface. The size adjustment of main interface can be achieved by border dragging. The history record view panel always indicated on the bottom of main interface.

### Floating Mode

Under the floating mode the main interface as follow:

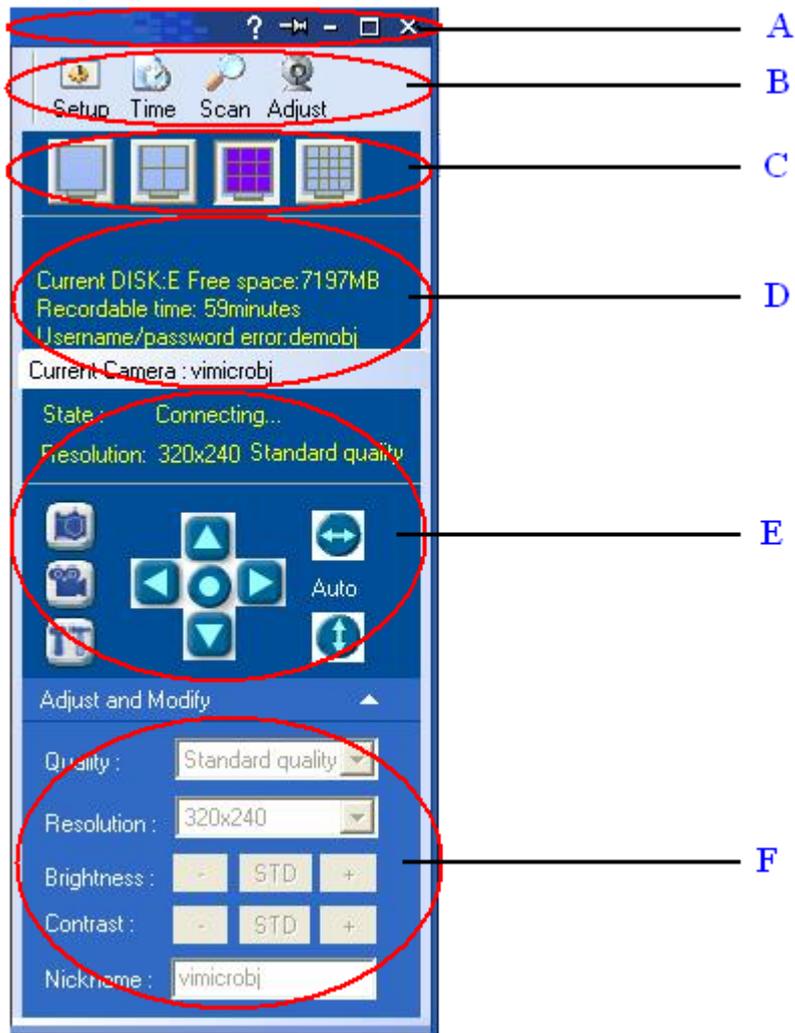


**Title bar:** as . The maximization button is hidden under the floating mode. The control panel can be moved by dragging the title bar. The right side control panel and the information view panel which on the bottom of interface are hidden by default. The control panel will pup-up automatically when you point on the top right of interface. As you move the mouse out of the control panel area it can be hidden immediately.

Under the floating mode there is a **"view/hidden"** button on the control panel which is used for open/close the history record view panel. This button is hidden under the common mode.

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## Control Panel



**A--Title bar:** The title bar  includes many buttons such as: mode switching button, online help button, hidden button, maximization button and close button.

**B--Attribute tool bar:** Under the common mode the attribute tool bar



as  . Under the floating mode the attribute tool bar



In which, the "**view/hidden**" button is used for open/close history record panel under the floating mode.

**Setup**— Click this button to open the disk and file setting page.

**Time**—the "timing snapshot/recording" setting page can be opened by click this button.

The picture capturing and recording functions can be set as scheduled tasks on this page.

**Scan**—you can open the "camera auto searching/ add/modify IP address" page by click this button.

**Adjust**—the management of windows is achieved by changing the settings on features page. You can click the "**Adjust**" button to open the "position adjust and other settings" page and modify the interrelated settings.



**C--Multi-screen mode:** You can switching the multi-screen modes by click different screen splitting button. There are four types of screen splitting for this software like single screen, four screens, nine screens and sixteen screens.

**D--Scrolling information:** The scrolling information includes: 1. the free space of current disk, the prompt of free space exhausting and the recording duration of single camera. 2. The nickname of current camera.

**E--Camera control panel:** This panel controls the current camera which has a display window with yellow box.

**"State":** it indicates the working status of current camera which includes close, open, connecting, recording and schedule snapshot/recording.

**"Snapshot button":** you can capture the picture of current scene by click the  button. This button is lighting when the schedule snapshot task is executing. You can click this button to stop the current snapshot task. The status of this button will change as the current window switching. (Note: support JPEG picture only)

**"Recording/stop button":** the recording function of current camera can be startup by click  button. After open one recording function this button will light and some information like "recording, camera nickname" will be indicated on the scrolling information area. To stop recording function you can select a window which one you want to close it and then press this button. The status of this button will change with the current window switching. (Note: support MJPG format only)

**"Modify information button":** you can modify the user name, password, and nickname of current camera by click  button. This button is enabled when the camera close.

**"Direction pan/tilt":** As a manually control



button  , it can control the camera moving like up/down, left /right and restoration.

**"Cruise button"**: click  button to set the current camera cruise mode as auto level cruise. Click  button to set the current camera cruise mode as auto upright cruise.

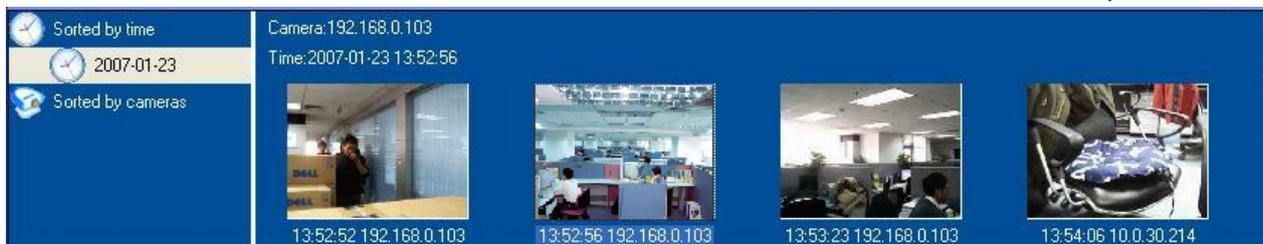
**F--Parameter adjustment panel**: The image quality, resolution, brightness and contrast of current camera can be adjusted by using parameter adjustment panel. The nickname of current camera can be changed by modifying the "nickname" on this panel at the same time.

**Note**: the camera control can be executing only when the video is open. Before start video the recording and snapshot function are disabled. And the resolution adjustment is useless when the recording is executing.

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## History record view panel

The history record view panel is always shown on the bottom of main window under the common mode. Otherwise it is hidden under the floating mode. The record view is easier and more convenient because all miniatures of them are shown on the view panel.



### Pup-up and hidden

The history record view panel is hidden under the floating mode; however you can click the **"View"** icon the tilt bar to pup-up this panel.

### Zoom in/out

The view panel can be zoom in/out whether under the common mode or floating mode by moving the drag bar which on the top of panel,

### Classified view

The history record can be classified different sorts according to various time and cameras. You can choose the "sorted by time" item to view record by different time and also choose the

"Stored by cameras" item to view record by different cameras. Those items are shown on the left sides of view panel.

### Function button

After you selected one record there are some function buttons are shown on the left top of history record view panel



as **Goto** **View** **Locate** **Delete**. Some operations like switching classify method, open file, open the directory of selected file can be executed by using those function buttons.

### Double click view

This software will use the default image browser or video player to open the selected file by double click the abbreviatory picture.

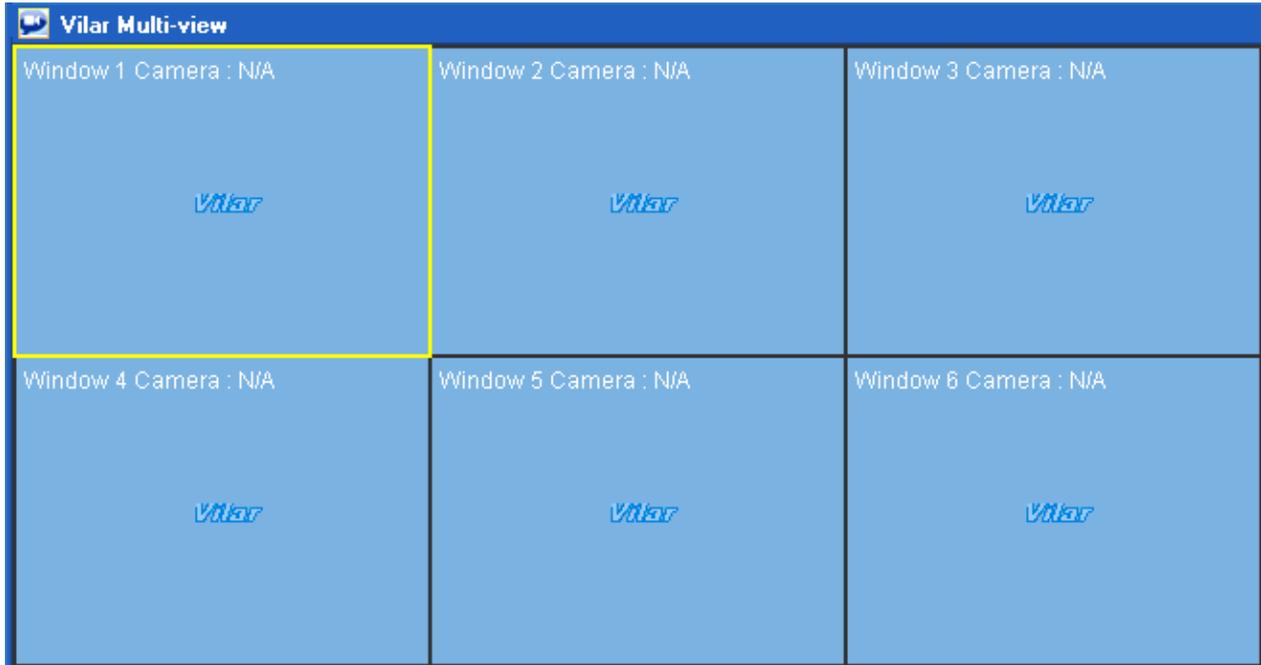
**Note:** If you delete the file after you open the view interface with one classify method the abbreviatory picture still exist but it will disappear after you double click it.

# Operations

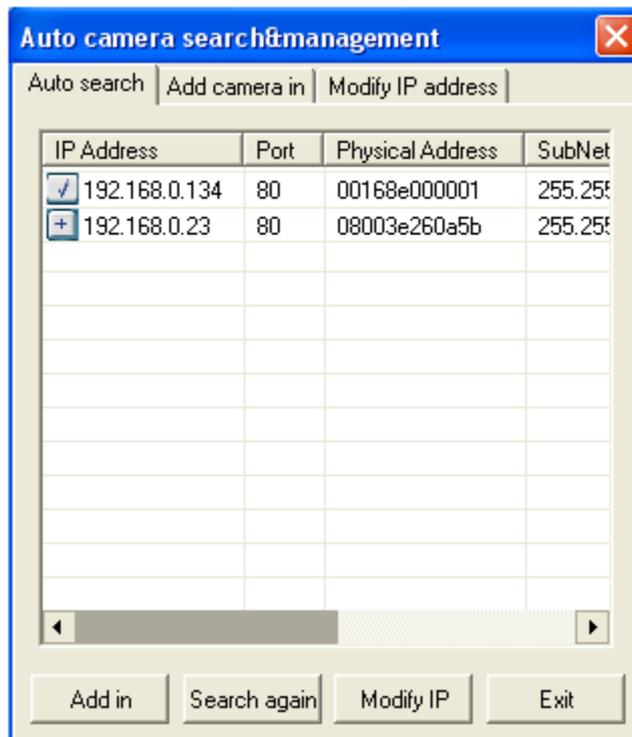
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## Add/Delete Camera

1. After open Vilar Multi-view please select a window. The frame color of that window is becoming yellow.



2. 2. Click the **"Scan"** button to open the auto searching page. After while this page will indicate a list of cameras which are found by software. The cameras with  has added and others with  still need to add.



3. 3. To open the adding page you can select a new camera and then click **"Add in"** button or click the **"Add camera in"** item on the top of auto searching page directly. Please enter the username as

"admin" and the password as "123456" on the adding page and then press "Add in" button. (Note: the camera which has IP address collision needs modify IP address before you add it .)

Auto camera search&management

Auto search | Add camera in | Modify IP address

Camera :

Select a new camera     Input manually

IP address :                      Port :

192.168.0.215                      80

10.0.3.147

10.0.30.224

192.168.0.103

Username :                      admin

Password :                      \*\*\*\*\*

Camera nickname :              192.168.0.215

Window to show :              Window:6

Add in                      Exit

4. In order to visit the camera from the internet expediently, the dynamic domain name service is supported by this software. To access camera from internet you can use the "Input manually" option and enter the DDN or IP address of the camera which you want to accessing. After that input "user name" and "password", then select "Add in". (Note: you can apply a domain name for your camera by visit [www.vilar.cn](http://www.vilar.cn))

Auto camera search&management

Auto search | Add camera in | **Modify IP address**

Camera :

Select a new camera       Input manually

IP address or domain name :      Port :

demobj001.vipcam.cn      80

Enter information :

Username :      admin

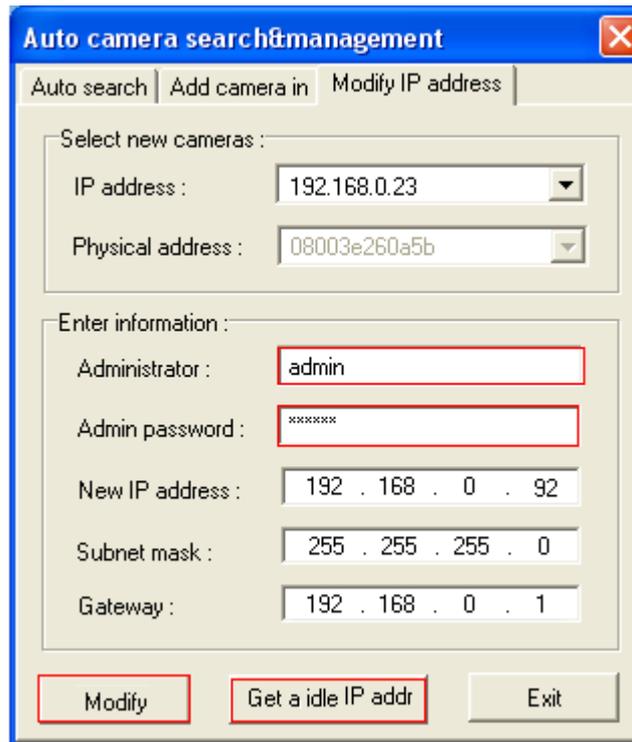
Password :      xxxxxx

Camera nickname :      Beijing DDNS Test-1

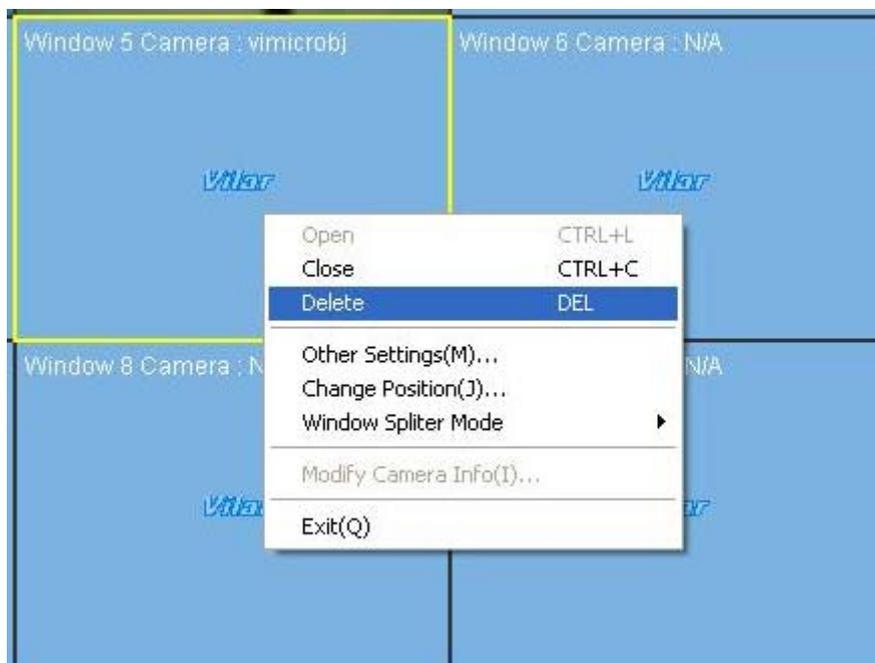
Window to show :      Window:6

Add in      Exit

5. The operation of IP address modifying has to execute before the new camera adding. Select the camera which needs modify IP address and click **"Modify IP address"** button to open the IP address modify page. On this page you have to get an idle IP address fist by click the **"Get idle IP address"** item. Enter the administrators as **"admin"** and admin password as **"123456"**, then press **"Modify"** button to save new information. After that click **"Exit"**. Modifying the camera IP address is recommended before you add new camera to avoided IP address collision problem. The camera IP addresses default as: 192.168.0.23



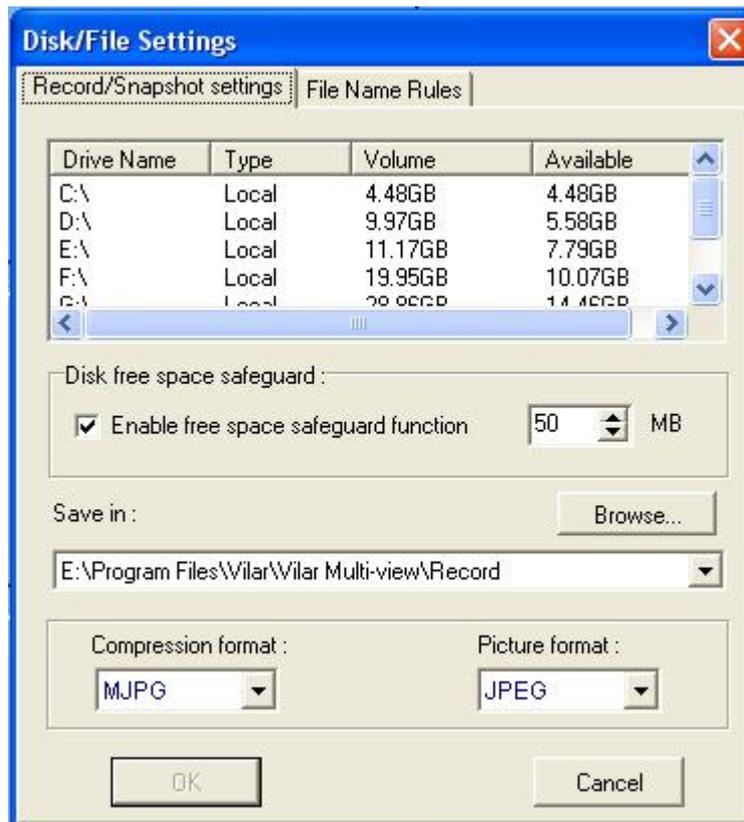
6. 6. Select the display window which indicates the information of the camera needs delete and right click mouse to open the shortcut menu, just select the delete item and then that camera has deleted.



## Disk file settings

Click the "**Setup**" button on the top of control panel to open the

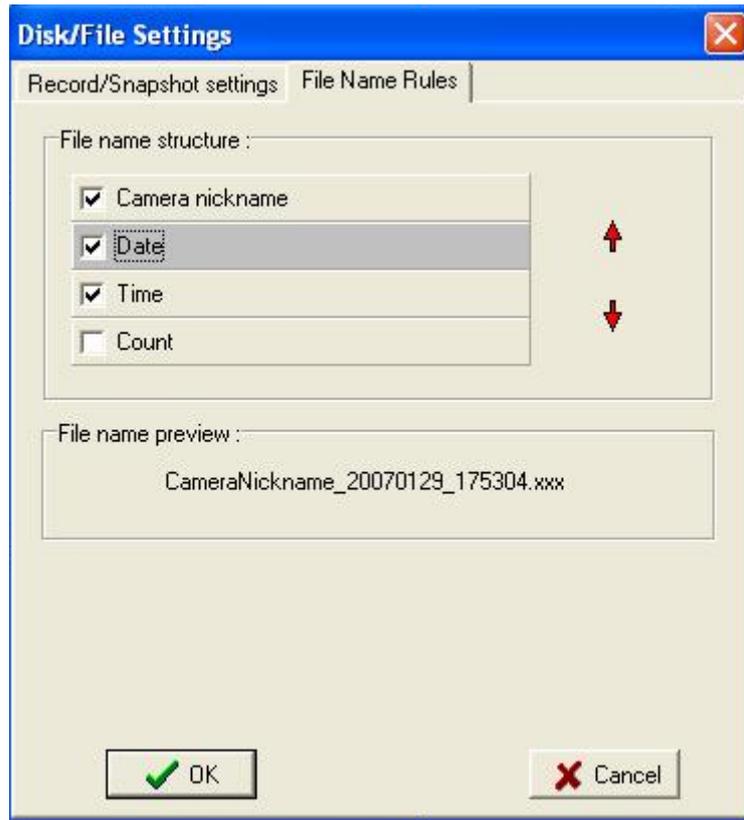
"disk file settings" page.



### Snapshot/recording settings

There are many operations can be executed on this page such as file storage directory setting, vide format and image type choosing. The current storage directory is indicated on the "**Save in**" option, click "**Browse**" to modify current storage directory. The disk free space safeguard is recommended to keep system and other software working well. The problem of free space exhausting can be avoided by using this function. The minimum space of available space safeguard can be adjusted by adjusting the value on the left sides. The recording and auto snapshot will stop when the disk space smaller than the minimum value.

**Note:** the disk free space safeguard function is effective for the entire possible storage disk. The recording and capturing will be interrupted when the current space is not enough.



### File name rules

The file name structure includes camera name, data, time and count. You can choose and combine those parts to buildup file name.

**Note:** Please at least select one option from Time and Count!

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## Snapshot/Record

The real time snapshot and recording can be achieved by using "**Camera control panel**". After selected the working camera and click the snapshot button , the real time scene will be captured immediately. Similarly click recording/stop button , the real time scene will be recorded. If you want to get perfect image information the pan/tilt will help you achieve that. Because it can adjust the view angle and cruise mode to help you get the Omni-directional images.

## Time snapshot/record

The record and snapshot functions can be set as schedule task in Vilar Multi-view.

The screenshot shows the 'Time record/snapshot' dialog box. It features a toolbar with 'New', 'Save', 'Delete', 'Up', 'Down', and 'Exit' buttons. Below the toolbar is a table with the following data:

Camera IP	Nickname	Date	Start at	Duration	Status	Reference file Name
192.168.0.103	192.168.0.103	2007-01-23	18:24:53	00:30:00	Fine	192.168.0.103_20070123_182453_82.avi
10.0.30.214	10.0.30.214	2007-01-24	10:24:53	00:30:00	Fine	10.0.30.214_20070124_102453_83.avi
192.168.0.103	192.168.0.103	Weekly7 1 5 6	19:29:42	00:30:00	Fine	192.168.0.103_20070126_192942_84.avi

Below the table are configuration sections:

- Date/Timing settings:** Radio buttons for 'Once' and 'Weekly'. 'Weekly' is selected. Checkboxes for days: Mon. (checked), Tues. (unchecked), Wed. (unchecked), Thurs. (unchecked), Friday (checked), Sat. (checked), Sunday (checked).
- Start at:** 19:29:42
- Duration:** 00:30:00
- Select a camera:** IP address: 192.168.0.103, Nickname: 192.168.0.103
- Prefix of filename:** (empty text box)
- Compression Settings:** Radio buttons for 'Timed shot' and 'Timed record'. 'Timed record' is selected. Video quality: Standard quality, Compression format: MJPG.

Task count : 3

- ● **New schedule task:** click the blank cell of task list or "New" button to create a new task.
- ● **Schedule task settings:** The task settings include camera choosing, start time, duration, task type, and file format and resolution. All of those

settings can be changed before the task startup. Click "**Save**" to save those settings after your modifying. However the "**Save**" button is disabled when the task is executing.

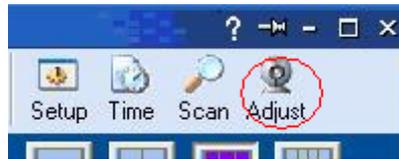
- ● **Delete task:** Select the record which needs deleted from task list and press "**Delete**" button.
- ● **Recording status:** After the task creation its current status will be indicated on the Status item as Fine, Executing, Finish, overdue or Freezing.
  - a) a) **Fine:** The task is waiting for performing. (**Note:** If the task can not execute for any reason, such as disk space shortage; camera does not open and so on, this software will try to open the camera and startup the task again on next second until the task is executing or out of the time.)
  - b) b) **Executing:** The task is executing.
  - c) c) **Finish:** The task is finished.
  - d) d) **Expired:** The task is overdue. The start time of the task is earlier than present or during the working time of schedule task it can not be executed, for example the software is not running no that time. All the conditions as above mentioned might lead to the task expired.
  - e) e) **Freezing:** The task is freezing. As booking time of schedule tasks has collision problem for the same camera, the preferential task can be executed first and others are freezing. However the schedule time superposition is allowed between different cameras.

**Note:** for the same camera the booking time of tasks is collision will leads to task freezing. However you can change the preferred task by click the up and down button. Also change the booking time of preferred task earlier is a good way to choose.

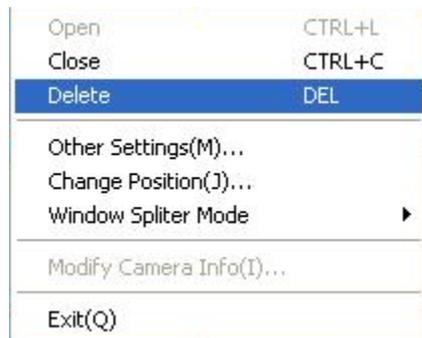
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## Position and others

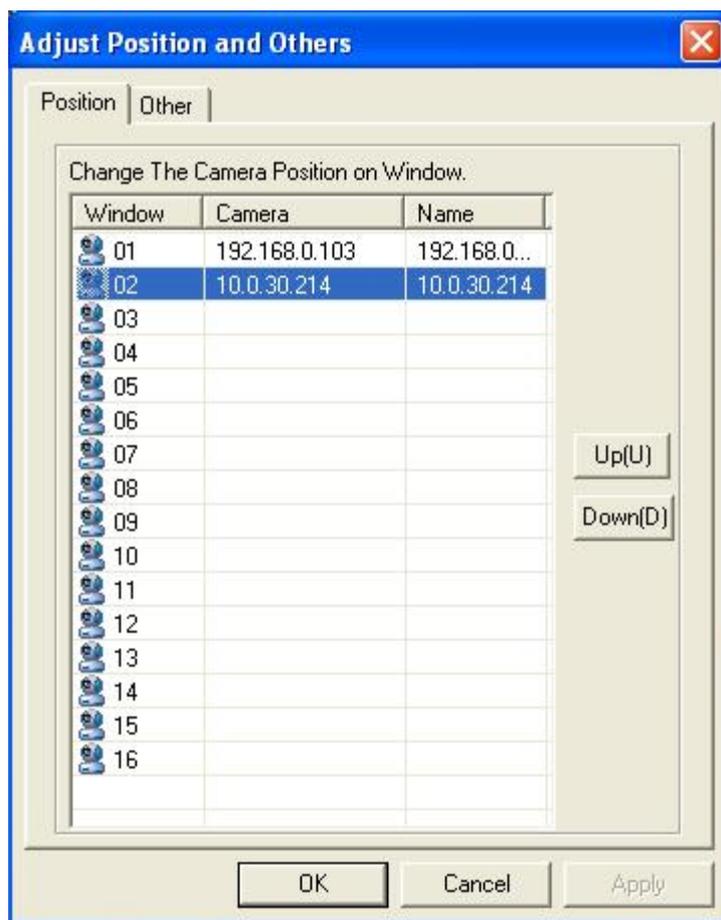
Click the "**Adjust**" button on the control panel to open the "**position and other**" page.



Or right-click main interface and select the "**Other Settings**" or "**Change Position**" options on the shortcut menu to open the "**position and other**" page.

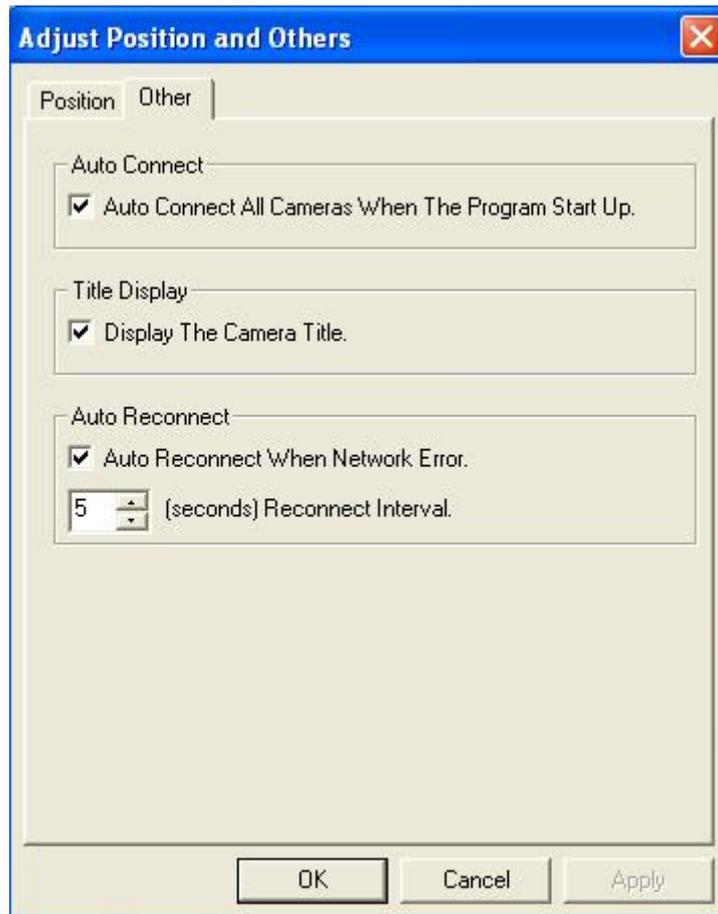


On this page there are many features can be adjusted, which include corresponding window for each camera, caption indicating, auto calling and connects setting.



**Position:** Changing the corresponding window for each camera.

Select the camera which needs adjusted and click the "**up**" and "**down**" button to move the position of camera view. Then click "**OK**" to save settings.



**Othe:** It includes auto connect, title display and reconnects setting.

**Auto connects:** Select the auto calling item the software will auto connect all the cameras when it startup.

**Title display:** Controlling windows show the camera name or not. The camera name can be changed on the "**modify camera information**" page. Just right-click window and select the "**modify camera information**" item on the shortcut menu or click  button on the control panel to open that page. Also you can change the camera name via changing the "**nick name**" option on the control panel.

**Note:** the condition of camera name changing is that the camera has closed.

**Modify** [X]

Note: You can't modify the opening camera info!  
Name and User Name can not Contain One of the Following Characters: \ / : \* ? " < > |

Camera Info

IP Address: 10.0.12.26

Port: 80

Name: room3

Camera Authorization

User Name: admin

Password: \*\*\*\*\*

Camera Position

Window: 2

OK(O) Cancel(C)

As the "**Title display**" option is enabled, the camera name will be shown on the display window as follow:



**Reconnect setting:** This option is used for control the reconnecting after network disconnection. The interval of reconnection can be adjusted by the value adjustment button.

