VMS(Video Management System)User Manual
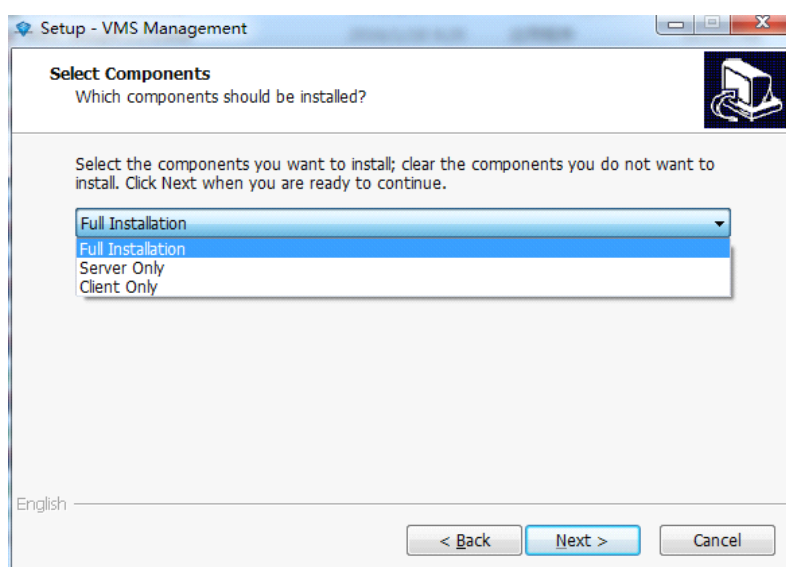
Contents

1.Software Installation:

VMS consists of two parts, VMS server and VMS client, you can choose to install server or client installed on the same computer, it can also be installed separately on different local computer, select the default full installation.

2.VMS User Manual

    2.1 VMS server user manual

        2.1.1.Log in

Double click this logo on your desktop ,Start the server management program, start interface as the first use of VMS Management program, you need to create a superuser

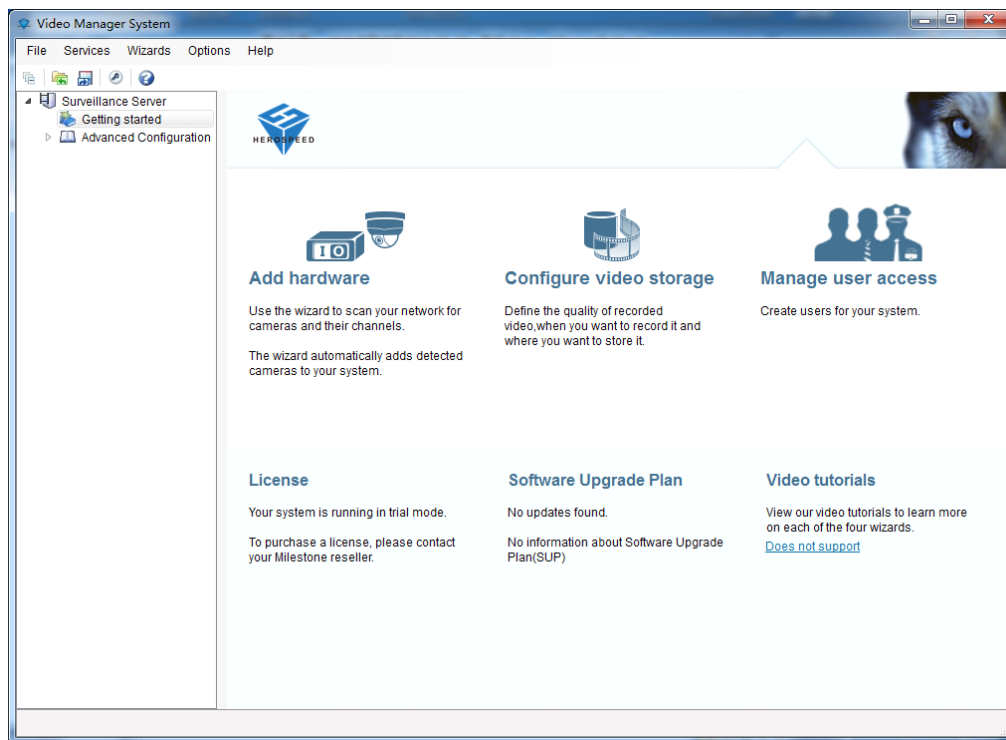As below, need creat a supper User

The first use of VMS Management program, you need to create a superuser

Use super-user or administrator user login VMS Management

VMS Management landing successfully entered the end of the main management interface

2.1.2 Add hardware

Click getting Started, then click add hardware
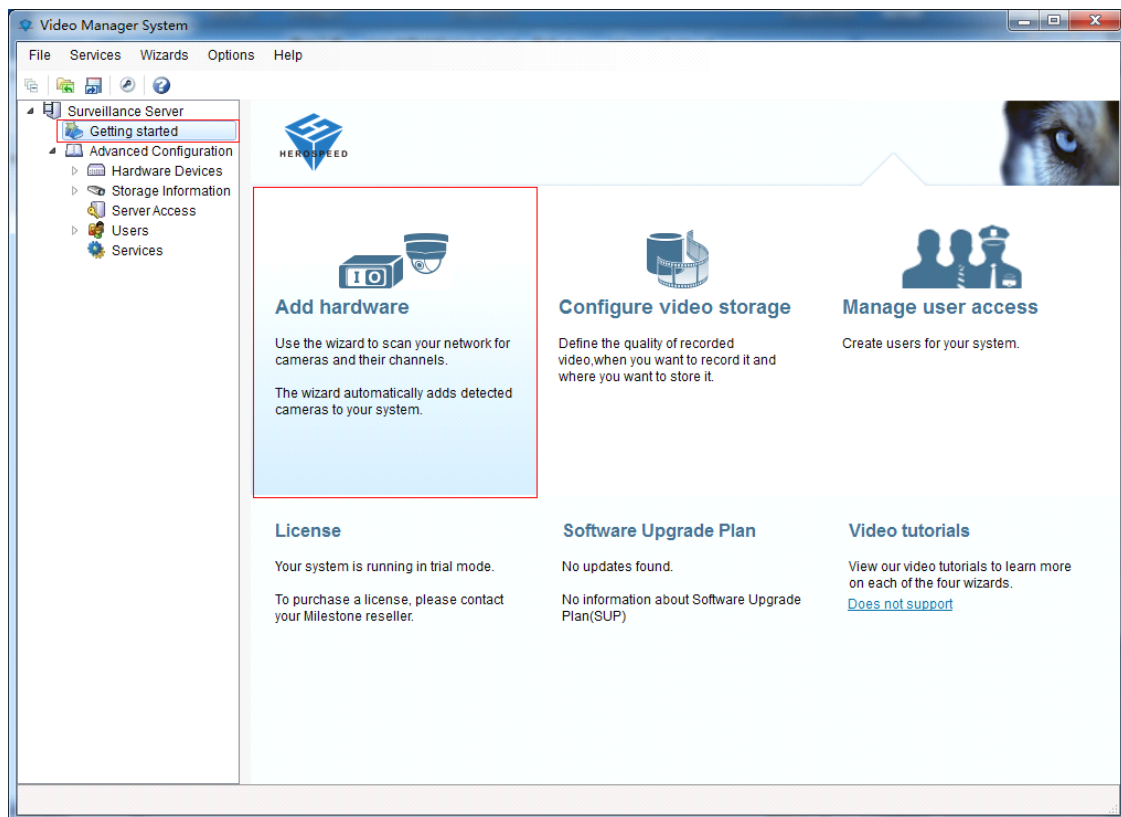
Pop-up dialog box to add add hardware, the hardware scan can scan directly inside the LAN hardware device, you can also scan the specified network hardware; manually add the hardware is added directly to know the address or the serial number of hardware

devic
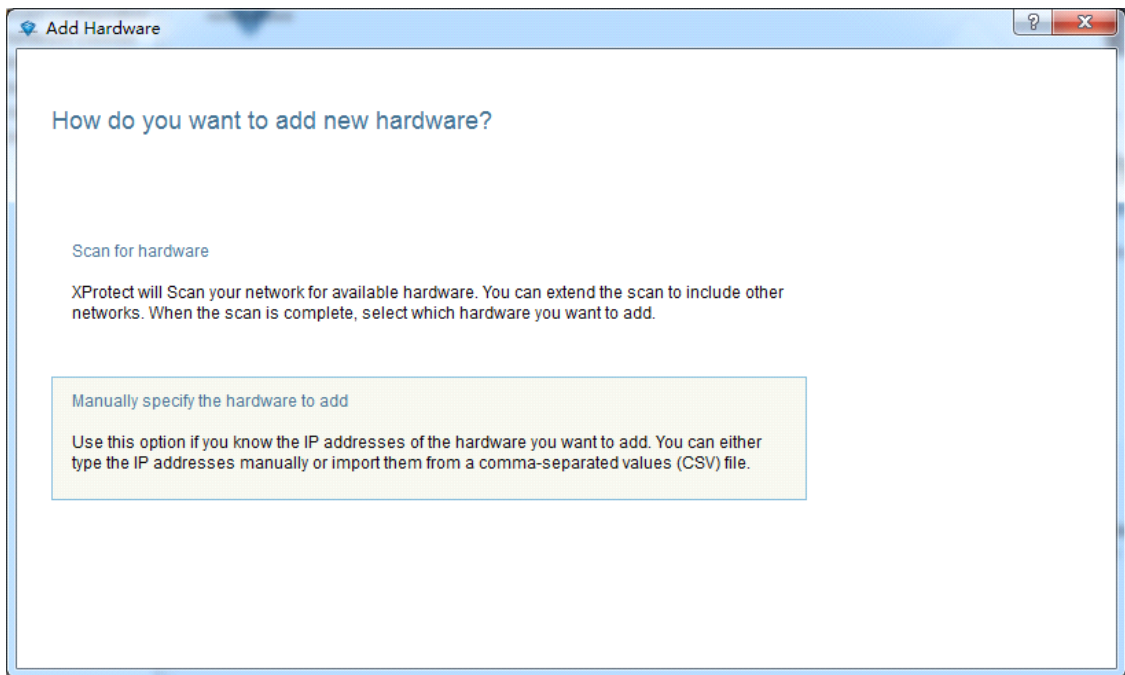
2.1.2.1 Scan hardware
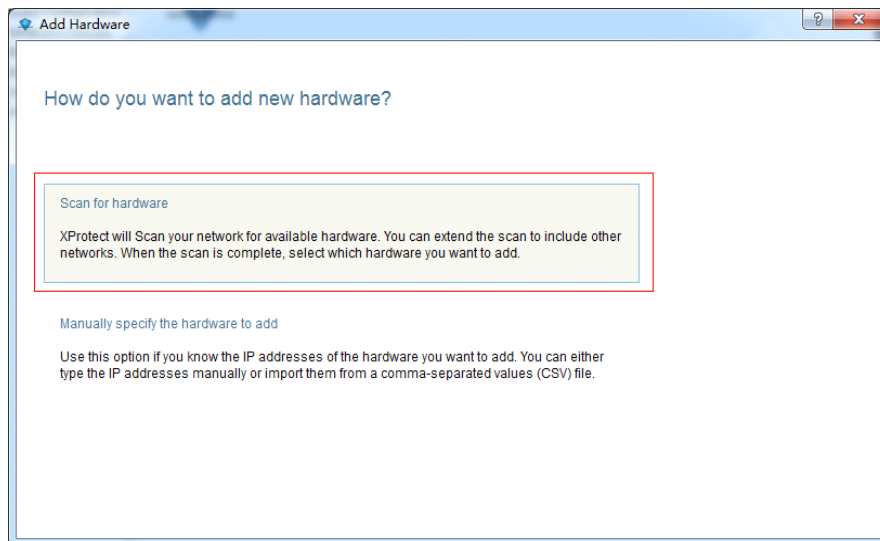
2.1.2.1.1 Scan the specified IP address hardware

IP range can be set to filter search equipment, if you do not specify IP range can click Next to skip.

2.1.2.1.2 Scan the specified manufacturers hardware

manufacturers can be set to filter search equipment, if you do not specify manufacturers can click Next to skip,default all manufacturers.
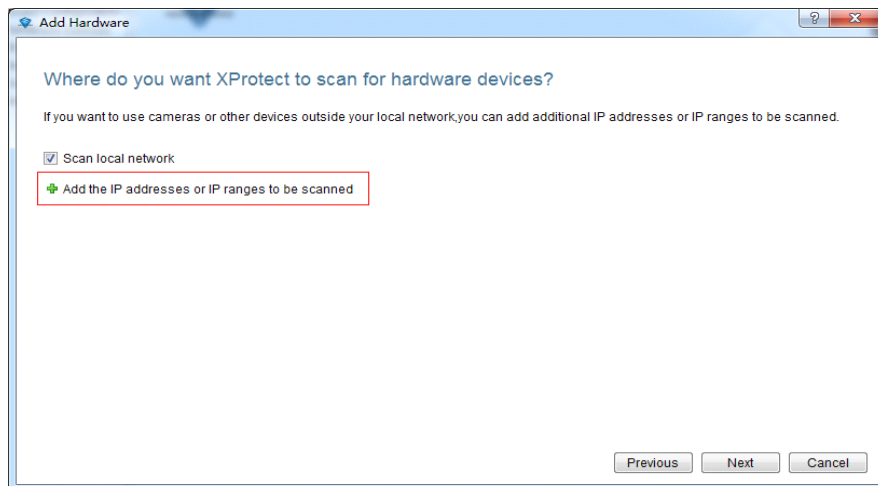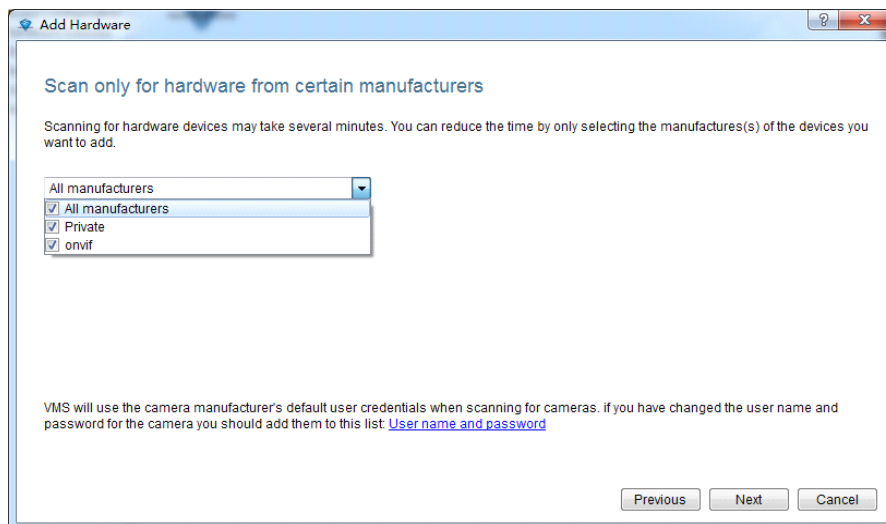

2.1.2.1.3 Automatic Configuration verification

Add default User name and password, automatic verification scanned hardware devices, (no need to configure automatic verification directly to the next step)
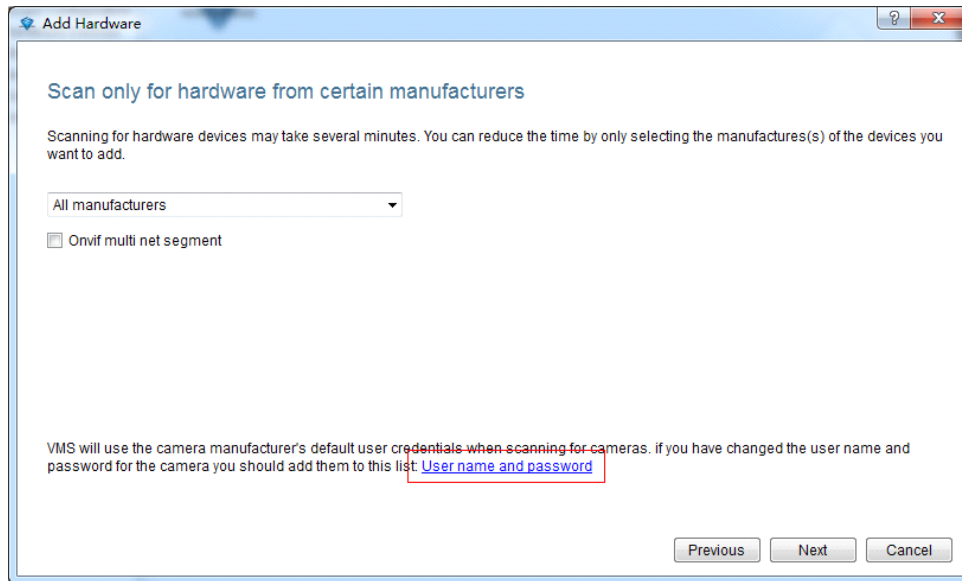
Click out the Dialog which can add user name and secret
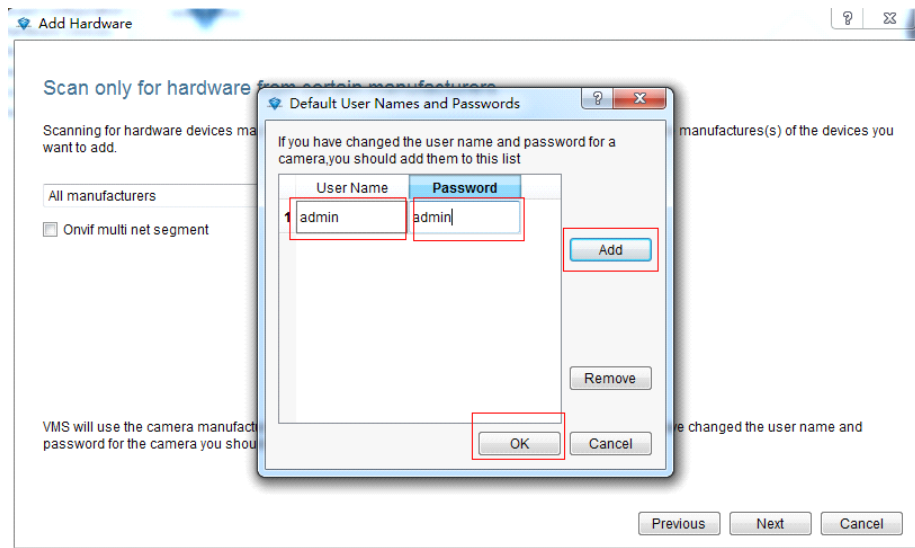
2.1.2.1.4 Start searching a device according to the setting mode

2.1.2.1.5 Manually verify hardware
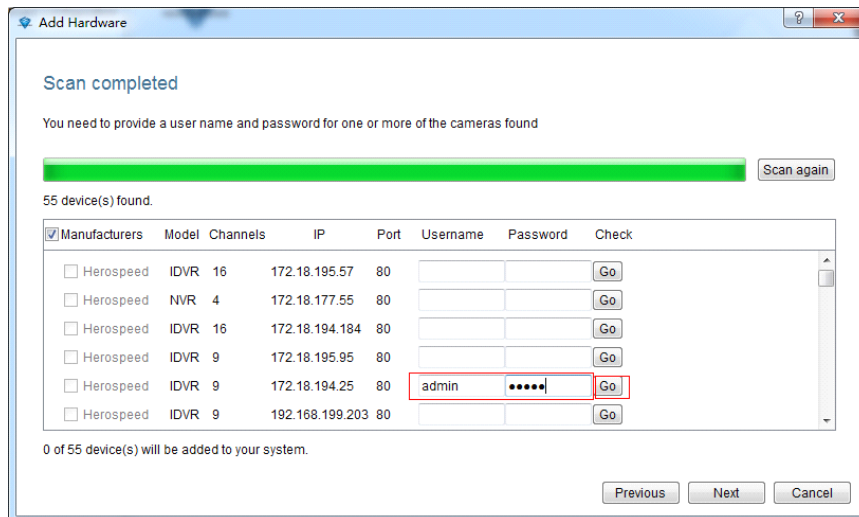
2.1.2.1.6 Complete adding hardware

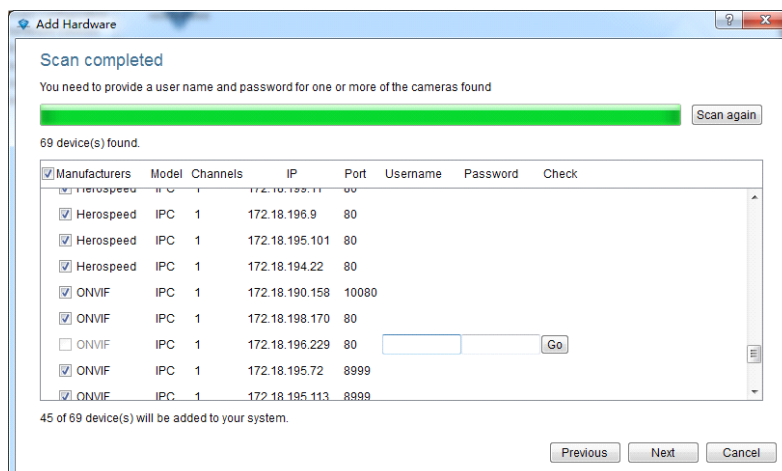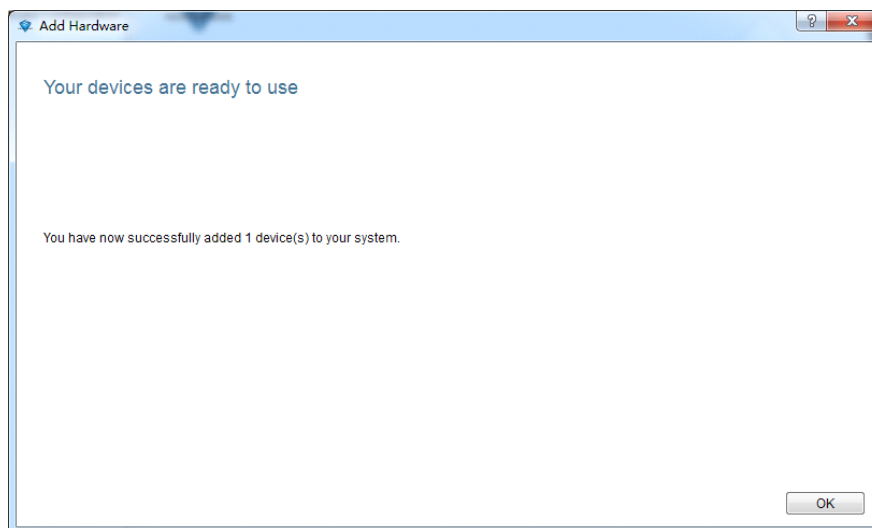Choose desired device and then click,next complete new adding device of Search mode.

2.1.2.2 Manually add hardware
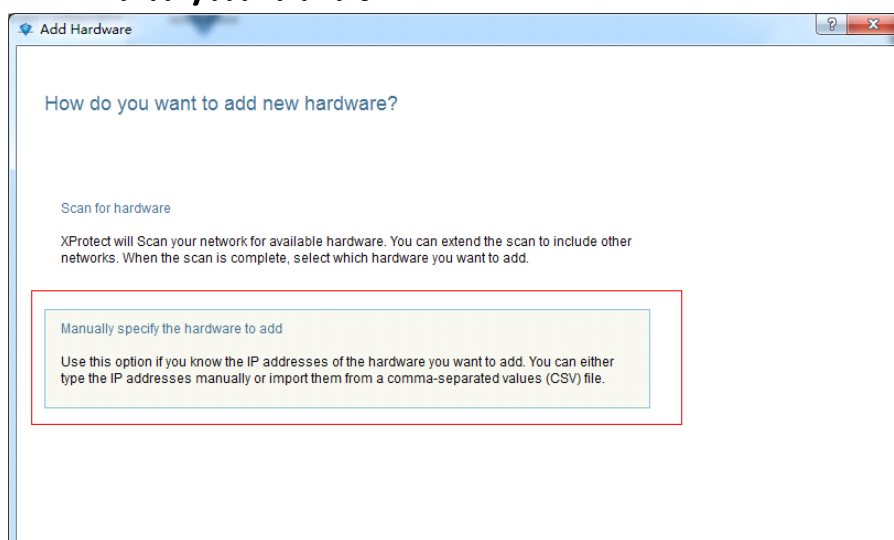
2.1.2.2.1 Add hardware via IP address

Enter the IP, port number, user name, password, and the number of channels to choose the type

of new equipment Driver

2.1.2.2.2 Add hardware via Serial number

Input Devices SN code to add new P2P Device

Complete adding new device manually

2.1.2.3 Edit hardware properties
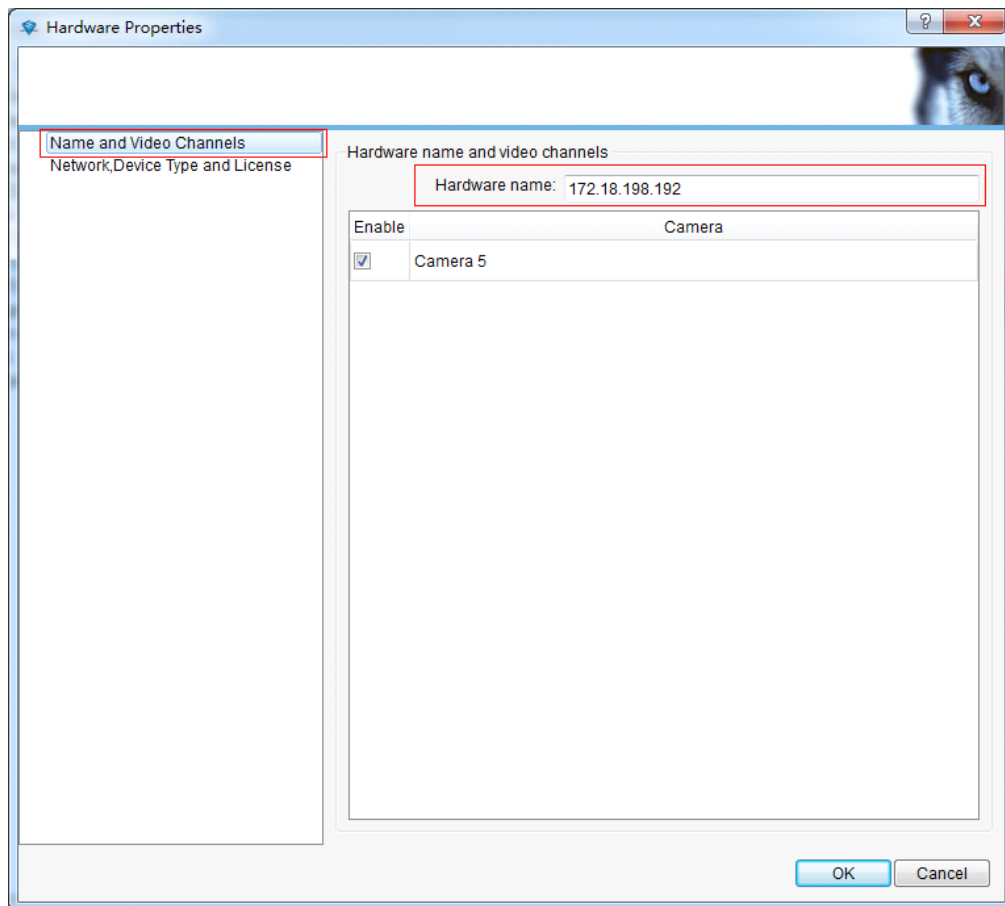
As shown below, click "1", double click "2."
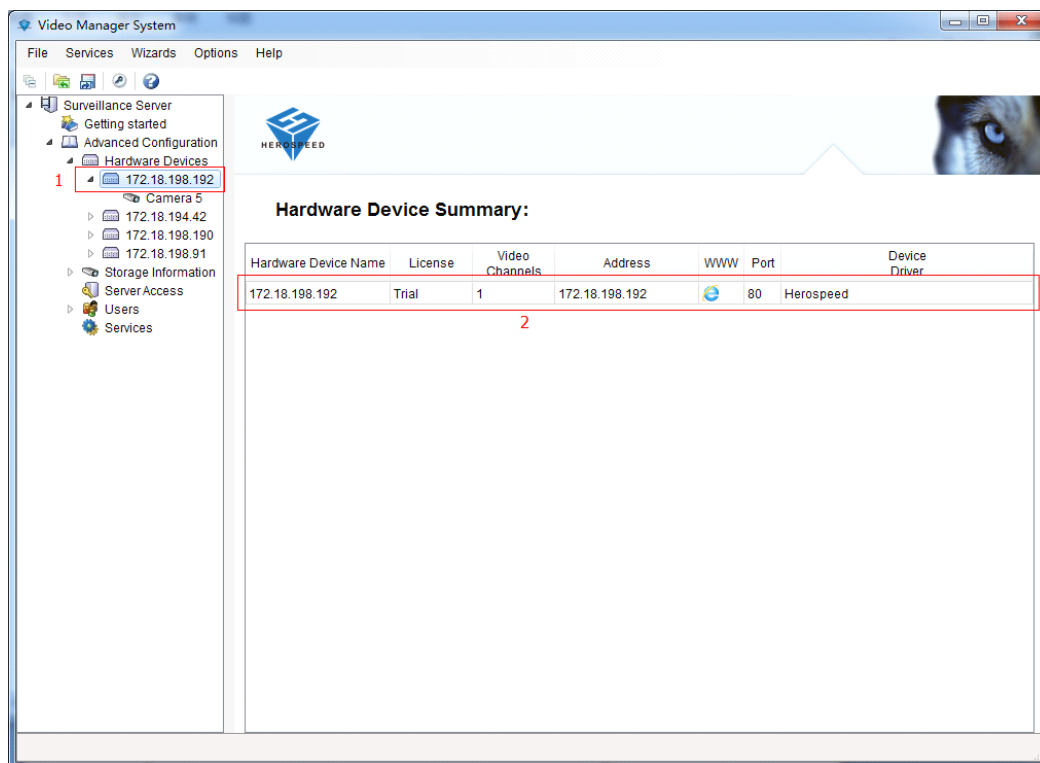
click out the dialog of Hardware Properties
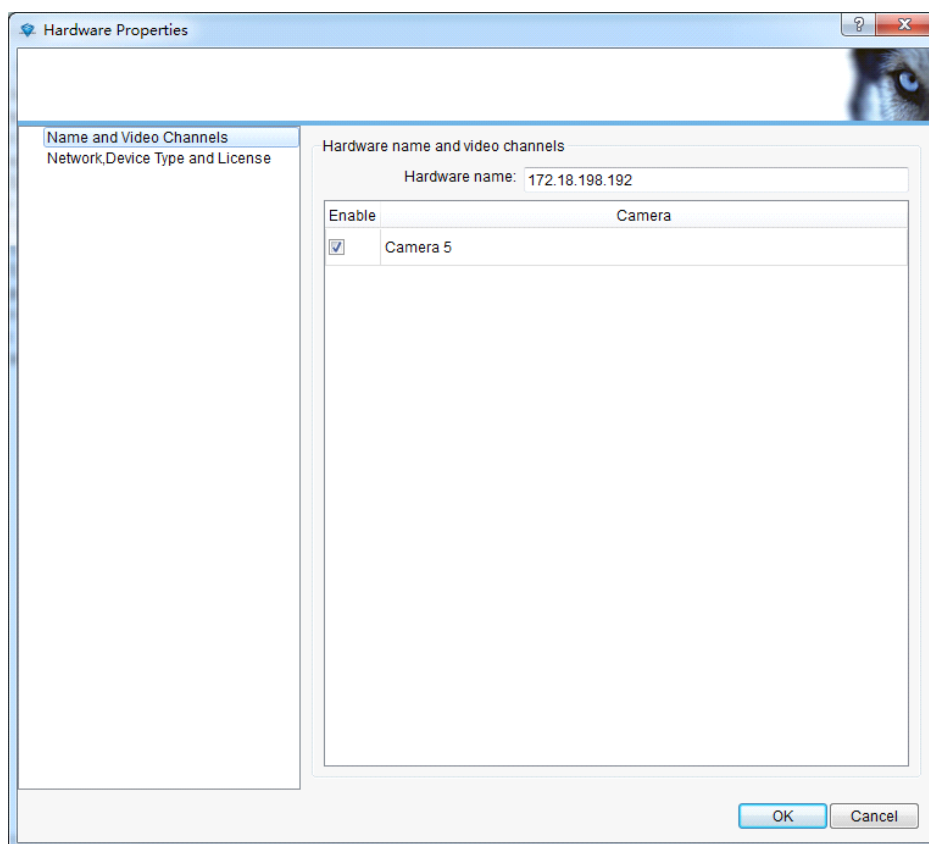
2.1.2.3.1   Modify the hardware device name
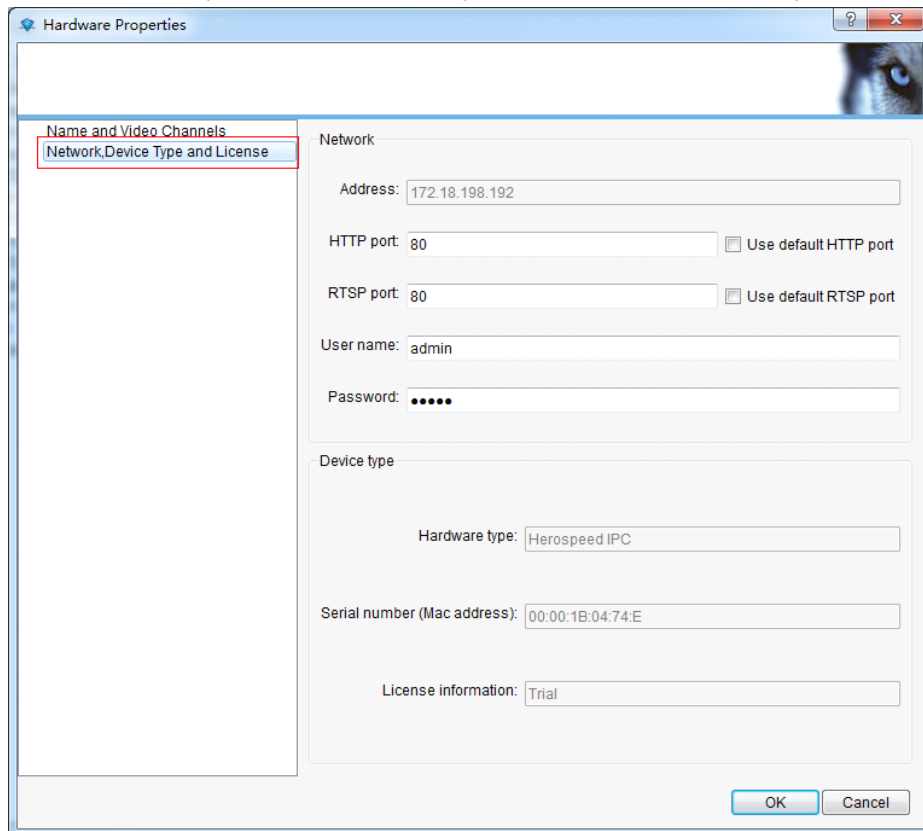
2.1.2.3.2 Modify the hardware device port number, user name and password

2.1.2.3.3 Modify Channel name

As shown below, click the "1", double click the "2".
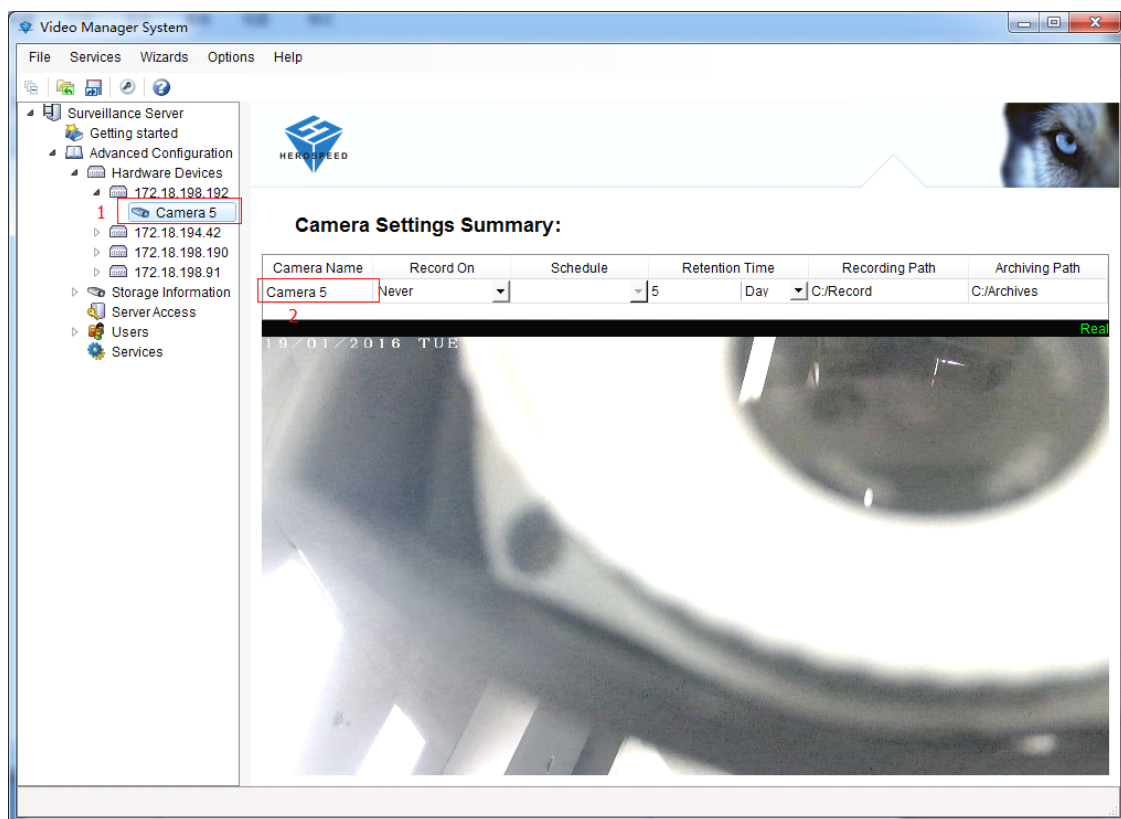
Open camera properties dialog box to modify
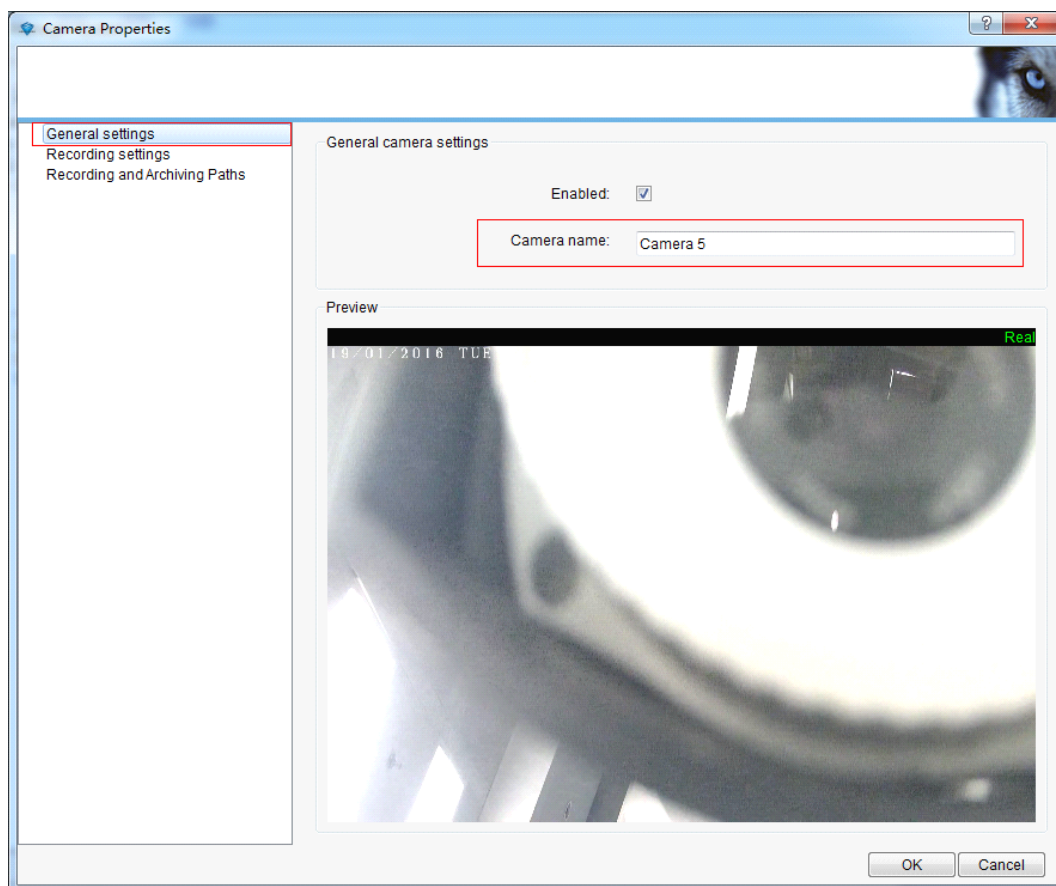
2.1.3 Storage configuration

Displays store configuration information of all the devices

Edit channel storage configuration, double click the list box on the right into the record and storage properties, can only configure one camera, or use the template to configure multi-cameras, (used template configuration see 2.1.3.3);

2.1.3.1 Configure the storage path, stream type, retention time

2.1.3.2 Configure the recording type, schedule

2.1.3.3 Template configuration

As shown below:

1 > edit the template

2 > select the template camera to apply

3 > Settings applied to the camera
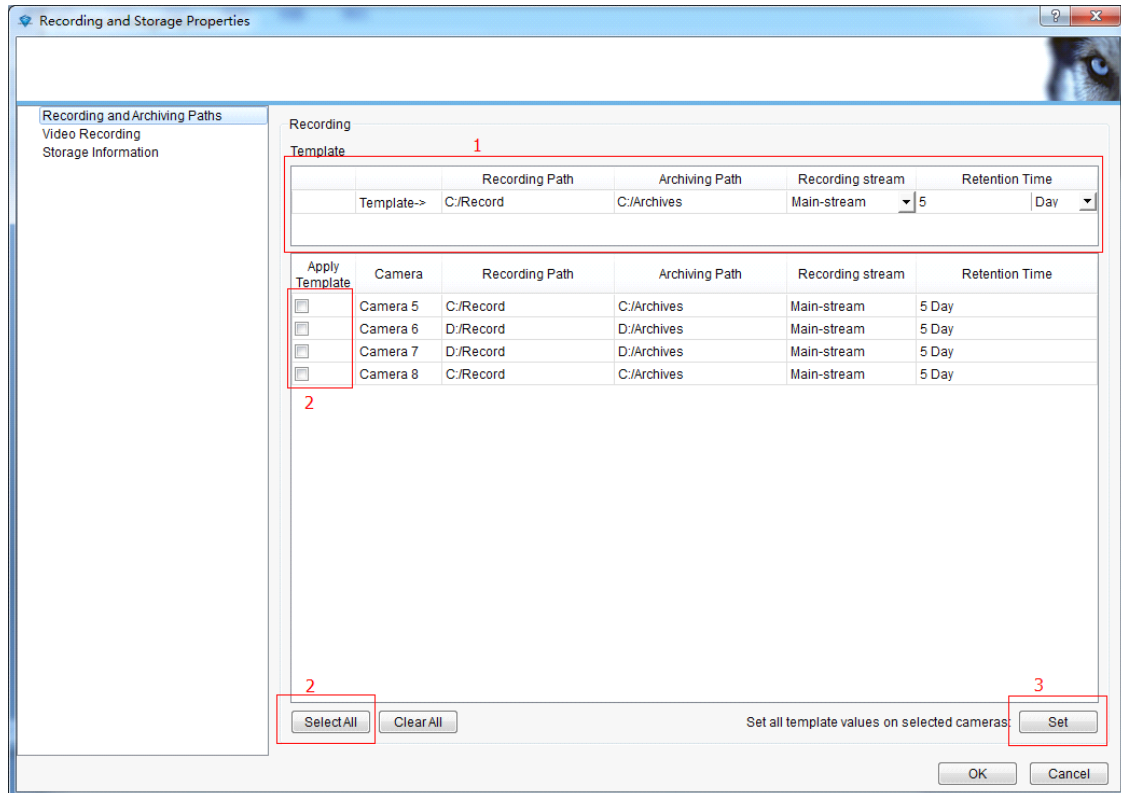
2.1.4 Server access

Set the local port number used for VMS Smart Client logining port number

2.1.5 User management
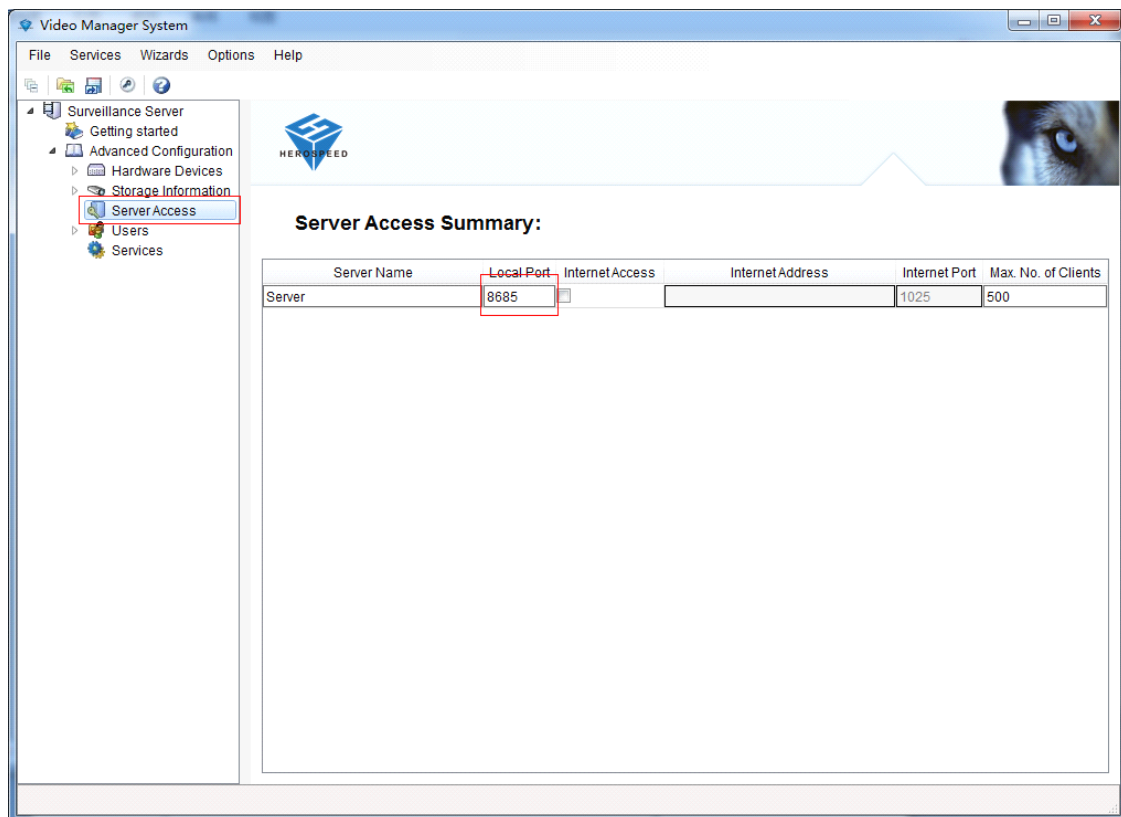
2.1.5.1Edit user information

Users List management, open user list window
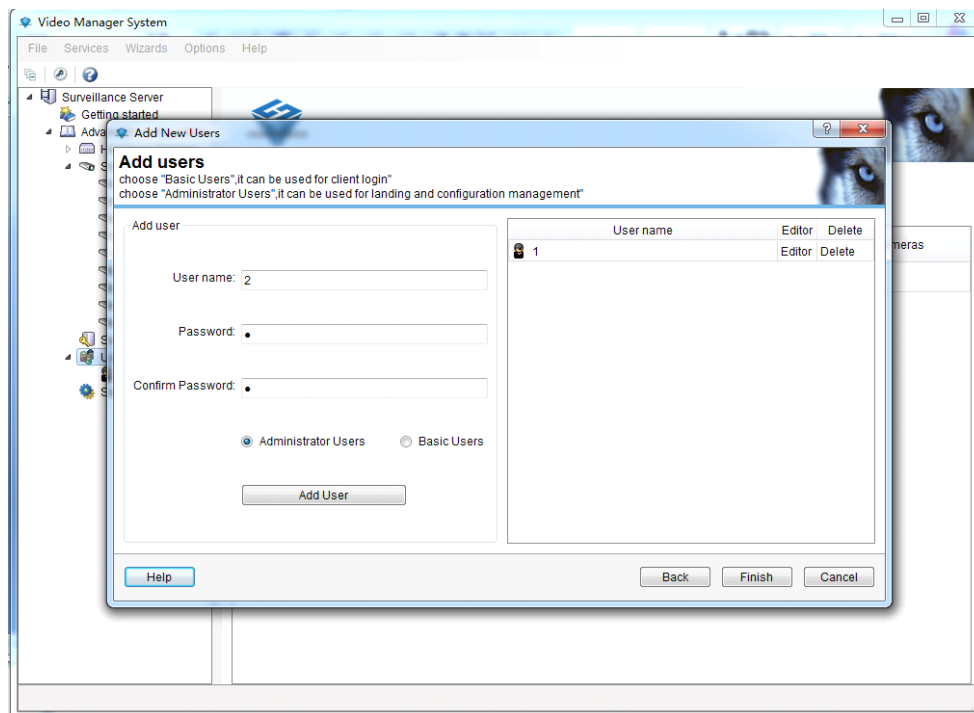
You can add new users, modify users and delete users in this window .

There are two types of users for option for new users:

1. Administrator user (can log in both VMS Management and VMS SmartClient)

2. Basic users (can only log in VMS SmartClient)

2.1.5.2 Edit user permissions

You can restrict the permission and equipment channel of VMS Smartclient for the specified user.
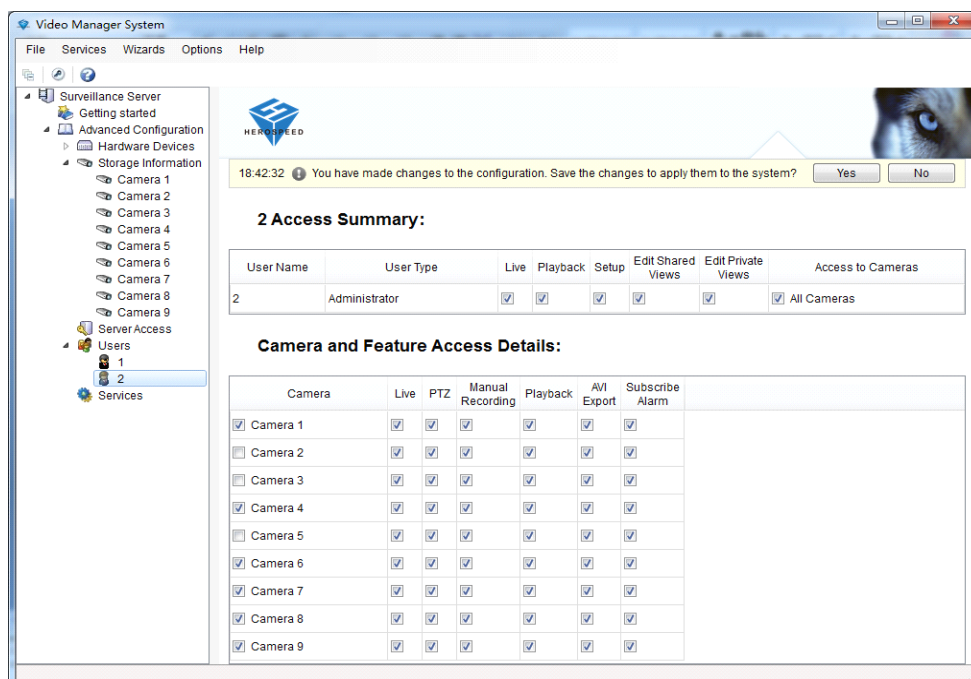
2.1.6 Service

Background VMS server control.
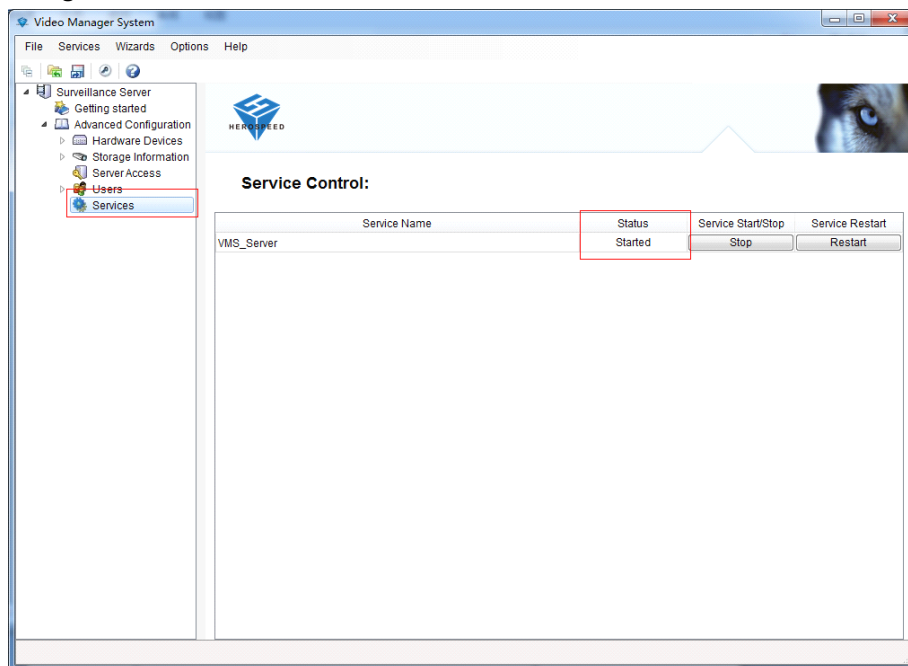
The usage status of VMS server can be controlled.

Only when the status is started, the VMS server can record and store recordings in the background, and VMS Samrtclient can work normally.
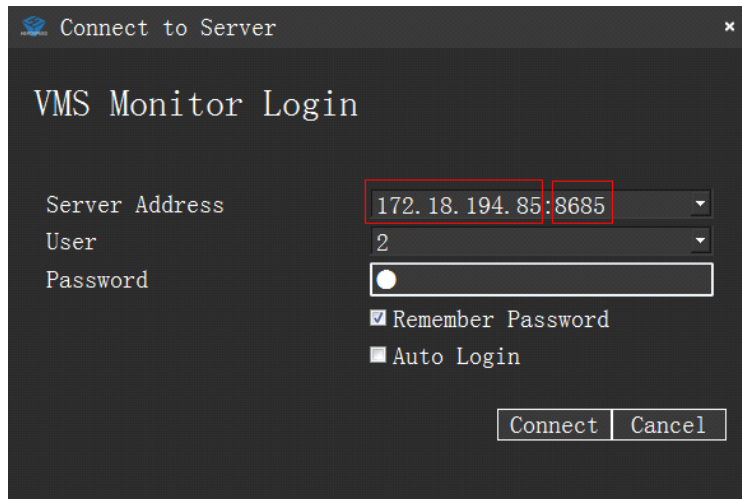
2.2 Client Operation Manual

After the completion of VMS management configuration, the VMS SmartCient can preview and playback video.

VMS Smart Client and VMS managent can be installed either in one PC or separately in different ones.

2.2.1 Login

Input the IP and port of the PC where VMS management is installed(If VMS management and VMS smart client are installed in one PC, IP is 127.0.0.1, port is 80 by defualt., when server access port on VMS management is changed, the port needs to be consistent)
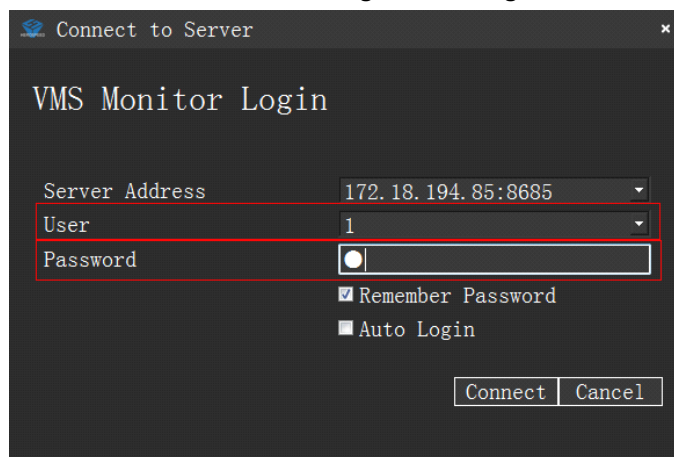
Use the user account created on VMS management to log in and authenticate

2.2.2　Live Preview

Live preview interface
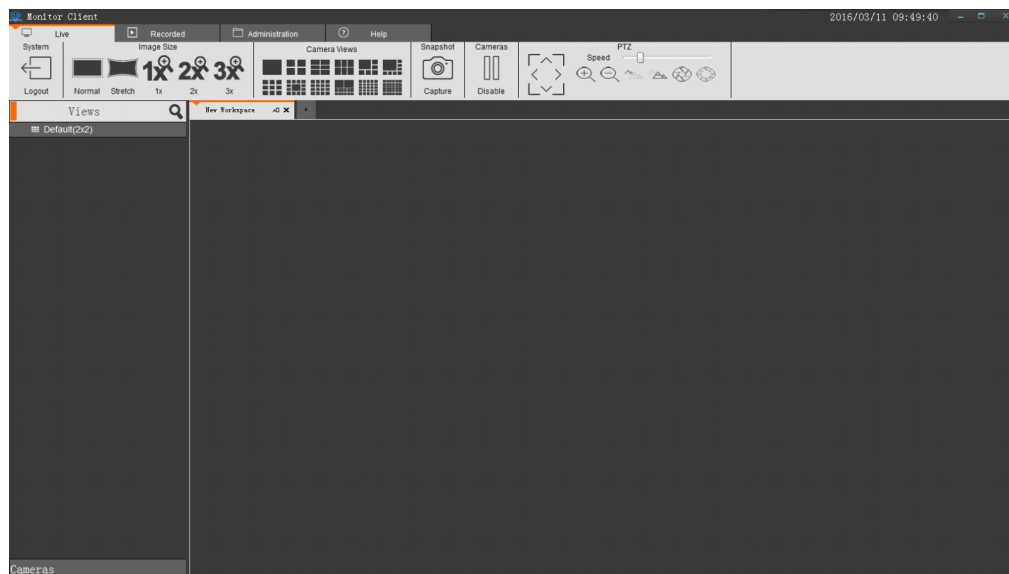
2.2.2.1　Live preview function
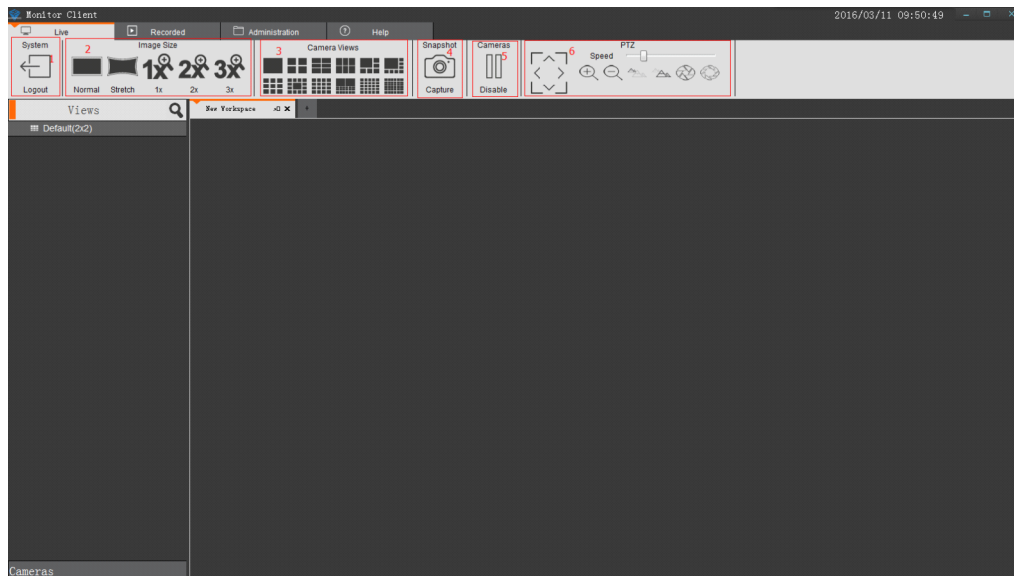
1) Logout: Exit the current user, and return to the login interface

2) Image size

    a.   Normal: Image is displayed in actual proportion.

    b.   Stretch:Image is displayed in window size

    c.   1*:Image is not scaled

    d.   2* Image is magnified 2 times

    e.   3* Image is magnified 3 times

3)   Camera View: Select the layout type of the view window.

4)   Snapshot: Capture the images of the current window

5)   Close the current camera video

6)   PTZ control(Only valid for the devices that support PTZ control)

2.2.2.2　View Switches To Video

Use the view layout that the user selects to fast switch to view preview

2.2.2.3 Select the Camera to Preview Video

Select the camera to the designated window to preview video.
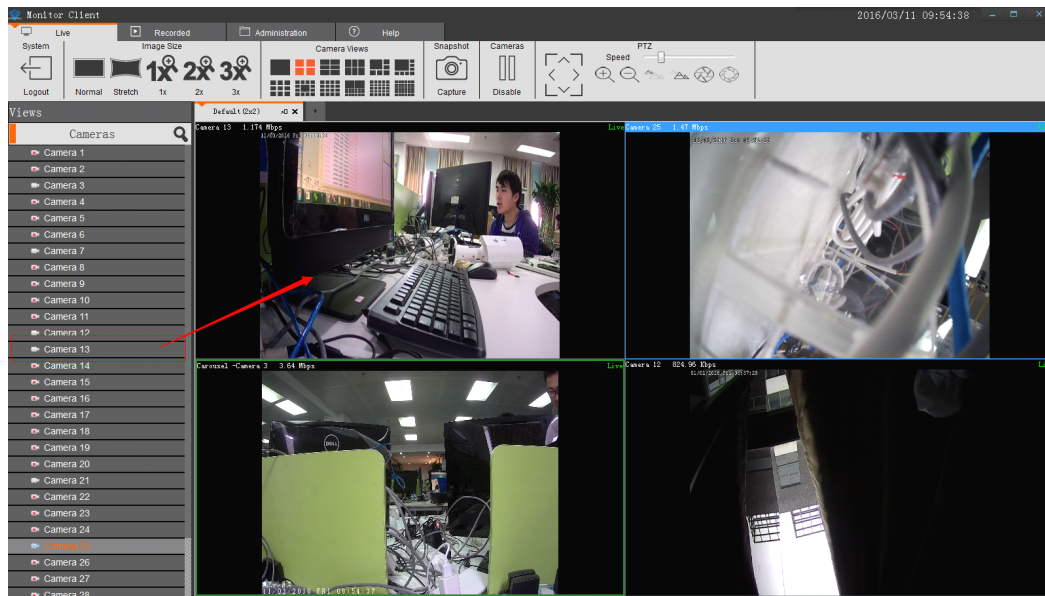
2.2.2.4 **PTZ Control**

a.Select PTZ Control Window.

b.Do PTZ control for selected Window on PTZ console.
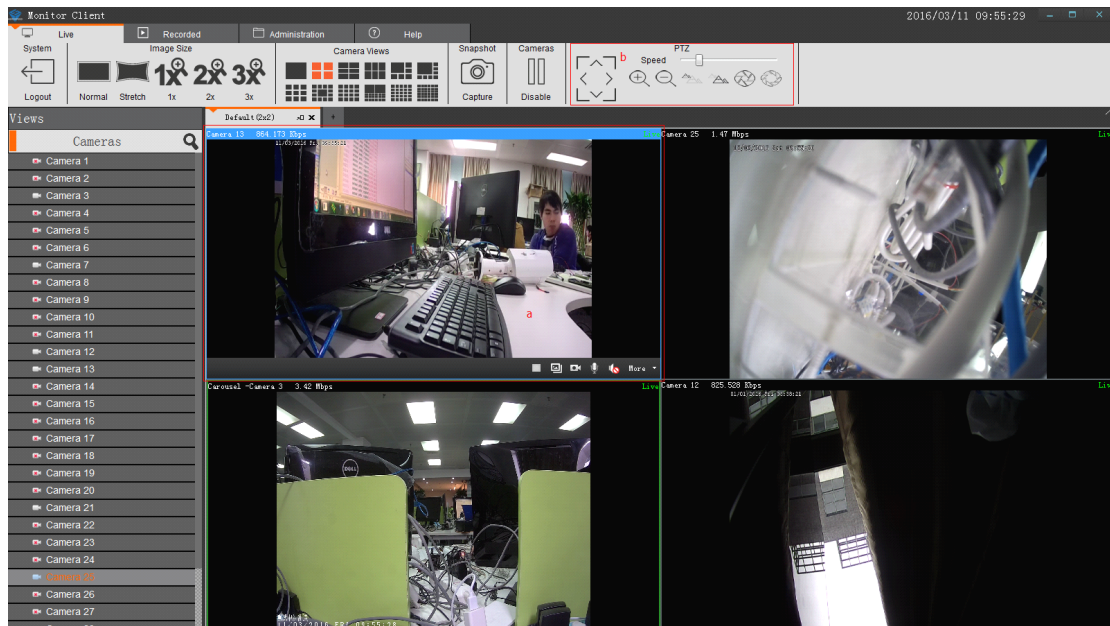
2.2.2.5 **Video Window Toolbar Function Description**

a. Current Window Video Stop and Start

b. Capture Images

c. Local Recording

d. Voice Intercom

e. Volume

f. Stream Switching

g. Digital Zoom
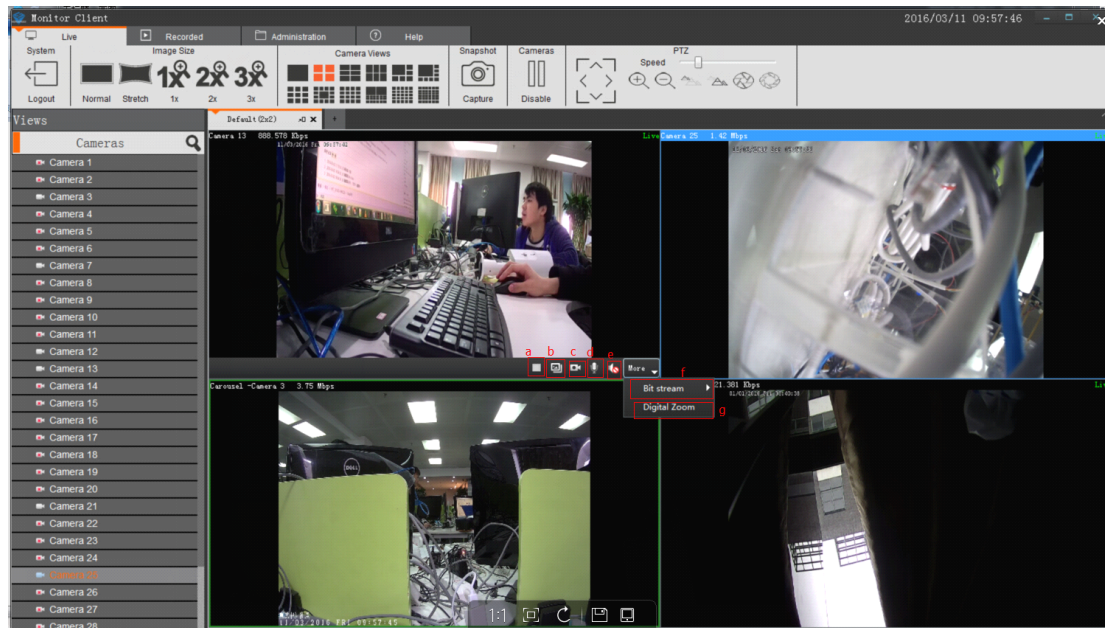
2.2.3 **Playback**

Playback can be operated under the VMS Server with configuration only.

2.2.3.1 Playback Interface Function Introduction
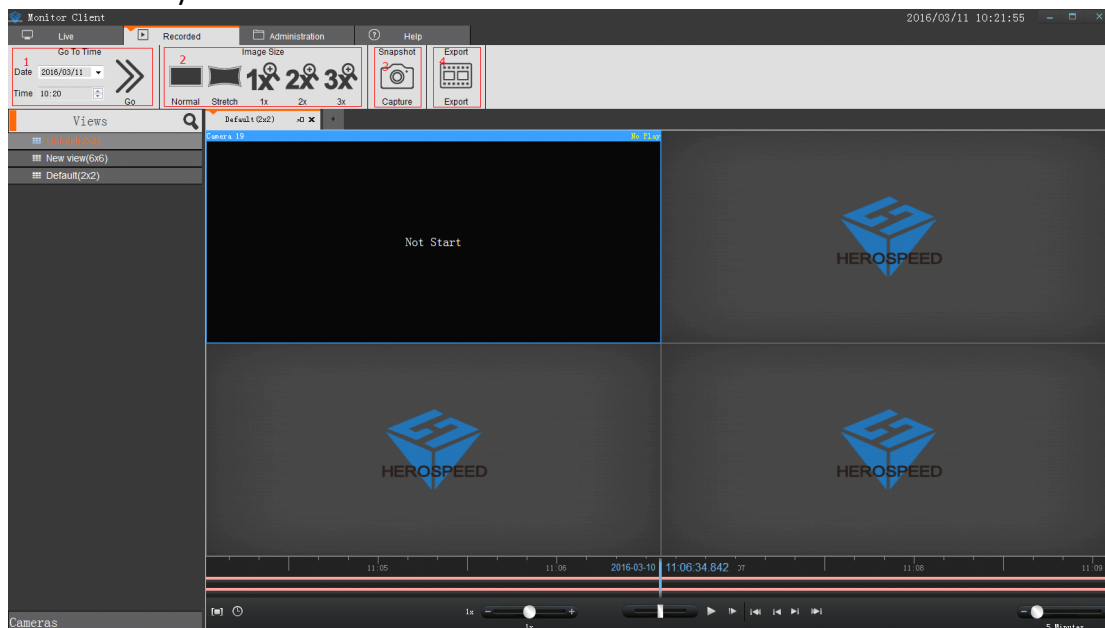
1>Recording Location: according to the selected time & position to locate to the specified place quickly.

2>Image Size:

    a. Regular: image be displayed as actual proportion.

    b. Stretch: image be displayed as the window size.

    c. 1 times: image be not scaled.

    d. 2 times: image be magnified 2 times.

    e. 3 times: image be magnified 3 times.

2.2.3.2 **Switching View to Playback Recording**

Using user edited view to switch recording Playback fast.
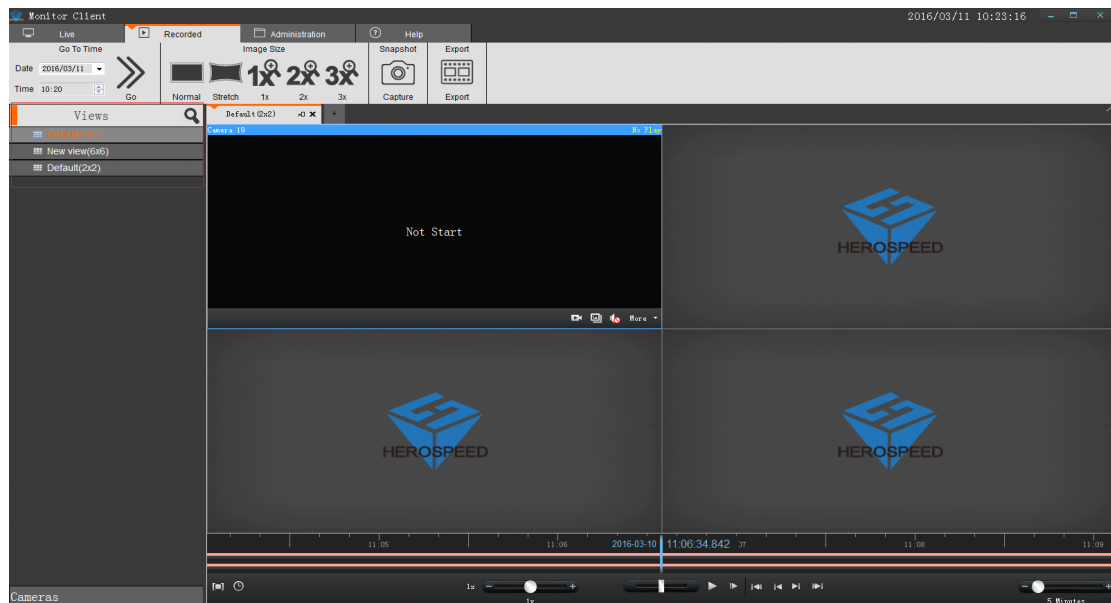
2.2.3.3 **Select Camera recording Playback**

Select the camera to be playback and drag to the specified window.
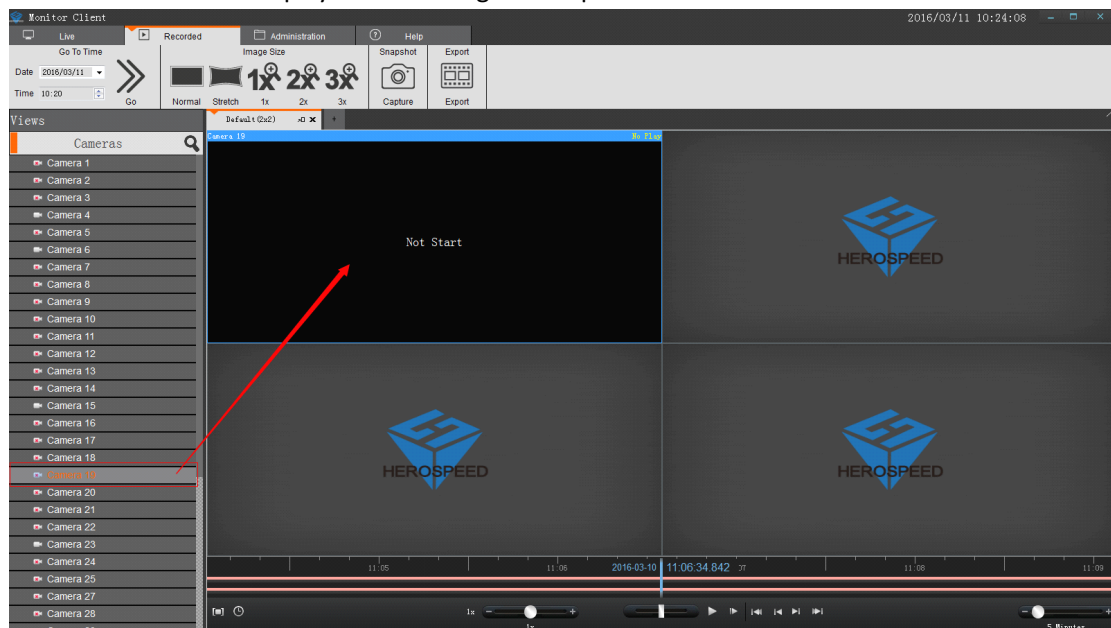
2.2.3.4 **Search Recording**

2.2.3.4.1 Auto Search Recording

Enter or under playback interface to switch view,it will search the recording time of all windows view automatically,and display them on time Axis.
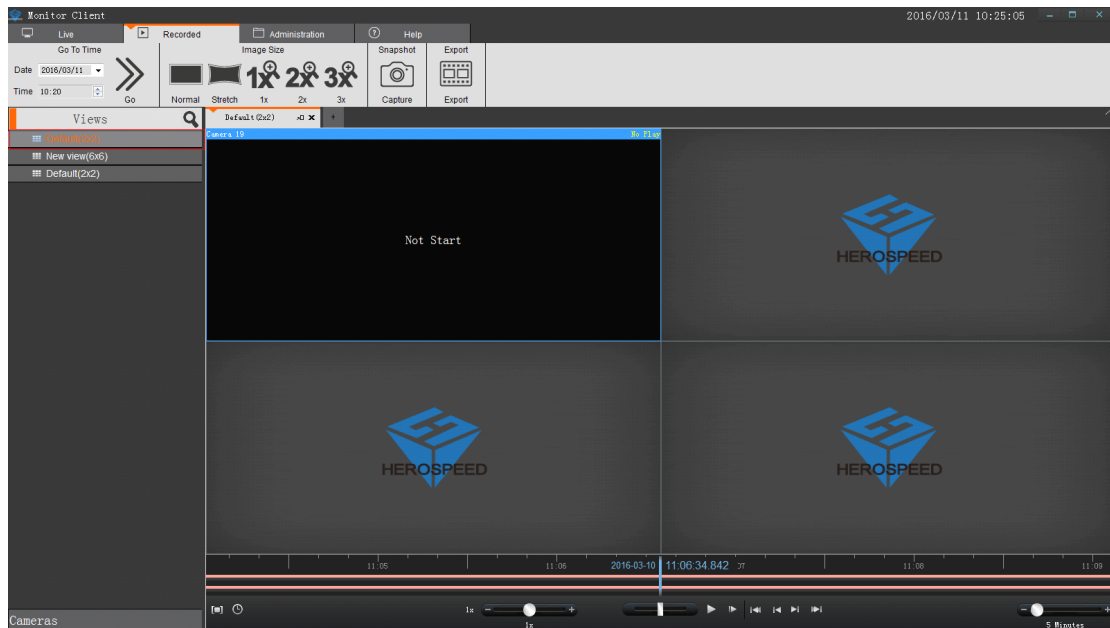
Time Axis Type:

1> The top Time Axis shows the recording time-line of current selected window.

2> The bottom Time Axis shows the set of all cameras' recording time-lines in current view.
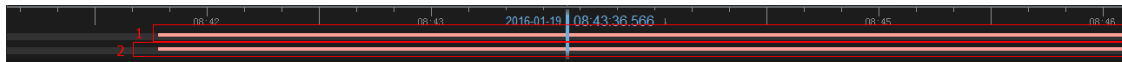
2.2.3.5 Playback recording

2.2.3.5.1 Play back recording synchronously

Click out Play button to start playback, this play mode is to play view synchronously, that's to say, the video in all windows will be played back synchronously.
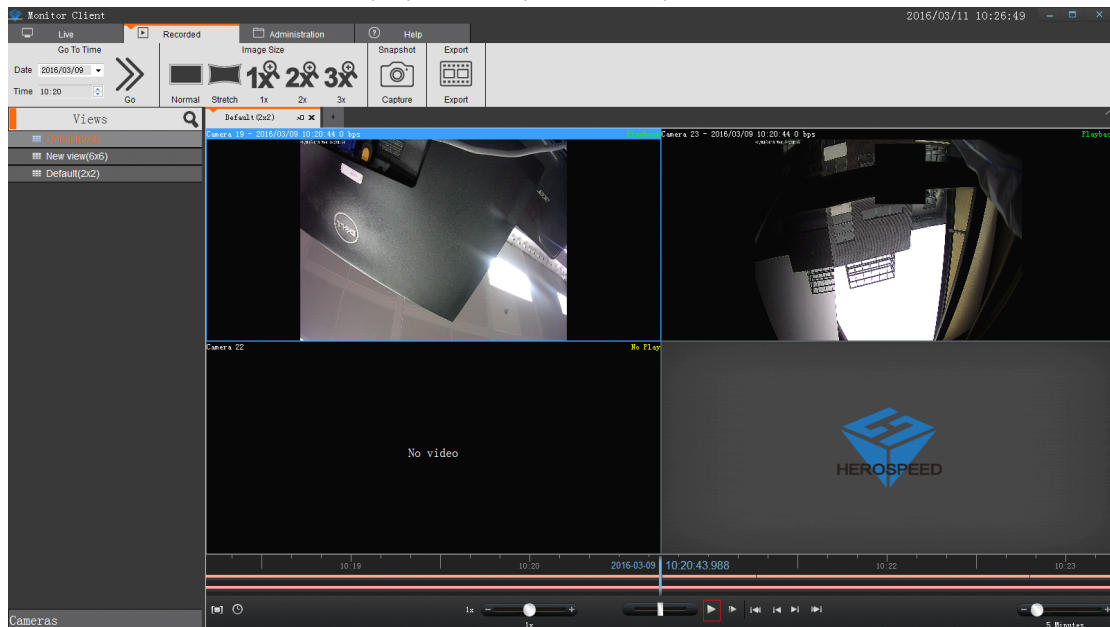
Synchronously playback tools function introduction:

1> Playback region: choose playback range, then loop play back in this range.

2> 1 multiply playback: rapidly switch to 1 multiply playback.

3> Playback multiply adjustment.

4> Rapidly retrieve video.

5> Start/ suspend playback.

6> Single frame playback.

7> The first video segment in current window.

8> The previous video segment in current window.

9> The next video segment in current window.

10> The last video segment in current window.

11> View range of time axis.

2.2.3.5.2 Play back recording independently

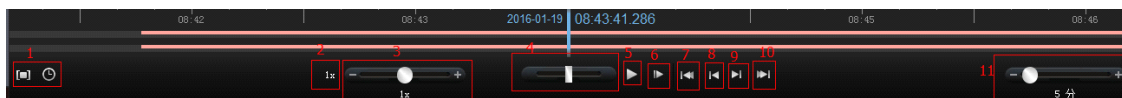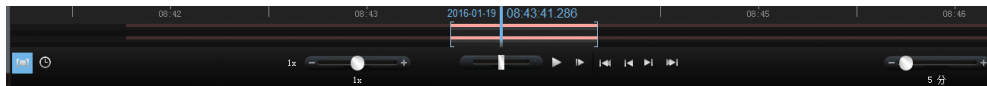If only play back the video in a certain window, this function can be used at this time. It will not be controlled by synchronously playback tools. There is easy control bar in the window.

To play back window independently, please click out the playback independently button in window tools.   .
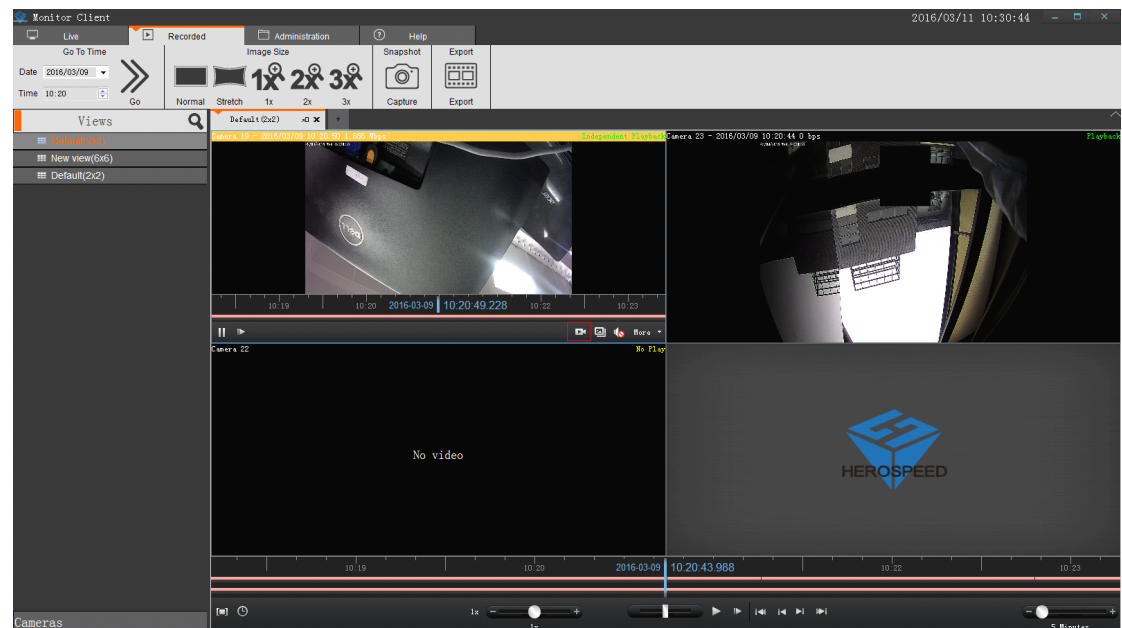
2.2.3.5.3 Loop playback

The video can be loop playback continuously in a designated period of time.
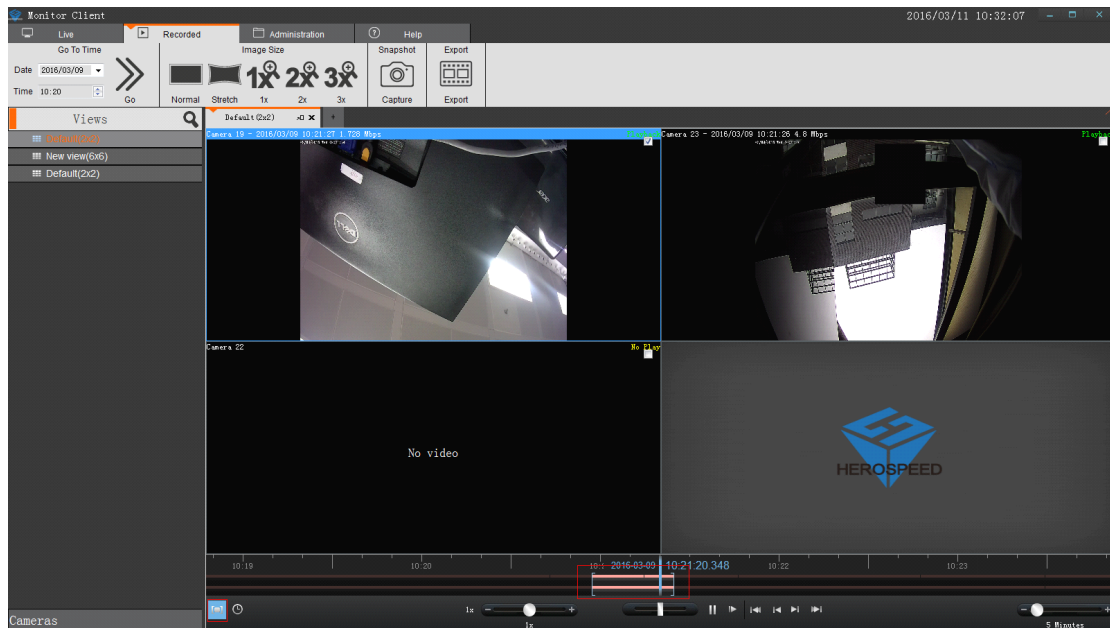
2.2.3.6 Export Recording

The video in service side can be exported at client side according to request. It can export a video from a certain window, also the videos from all windows.
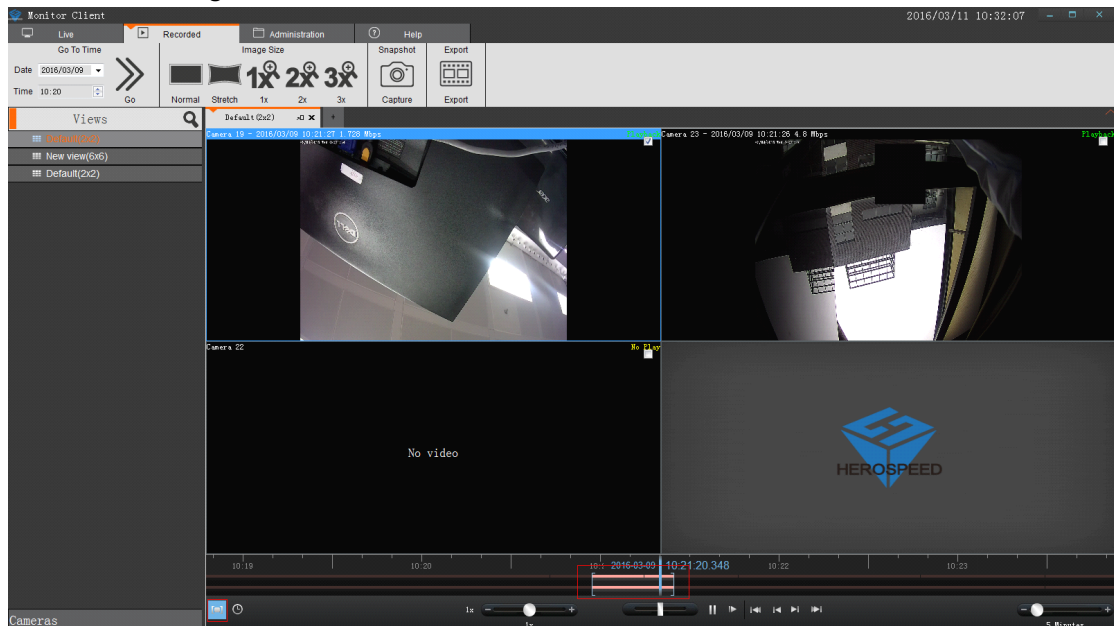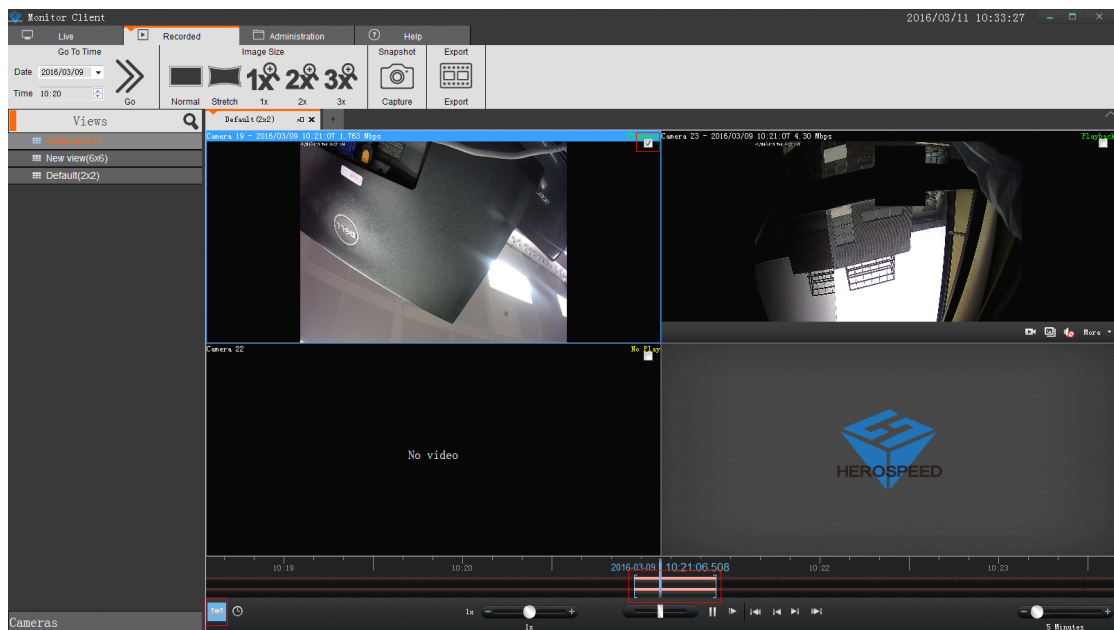
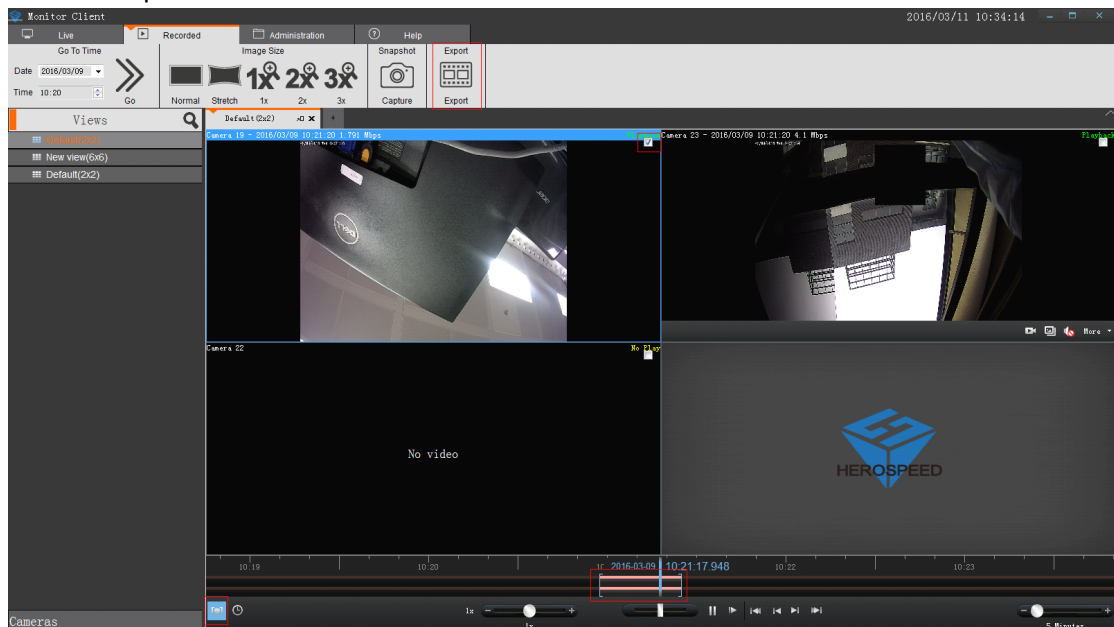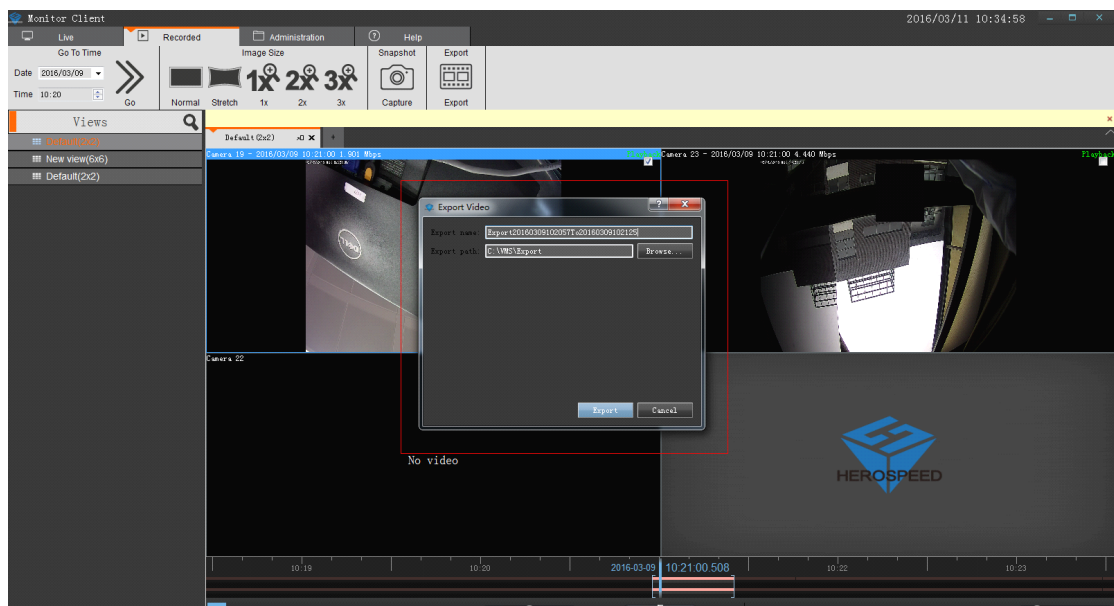Export recording instruction:

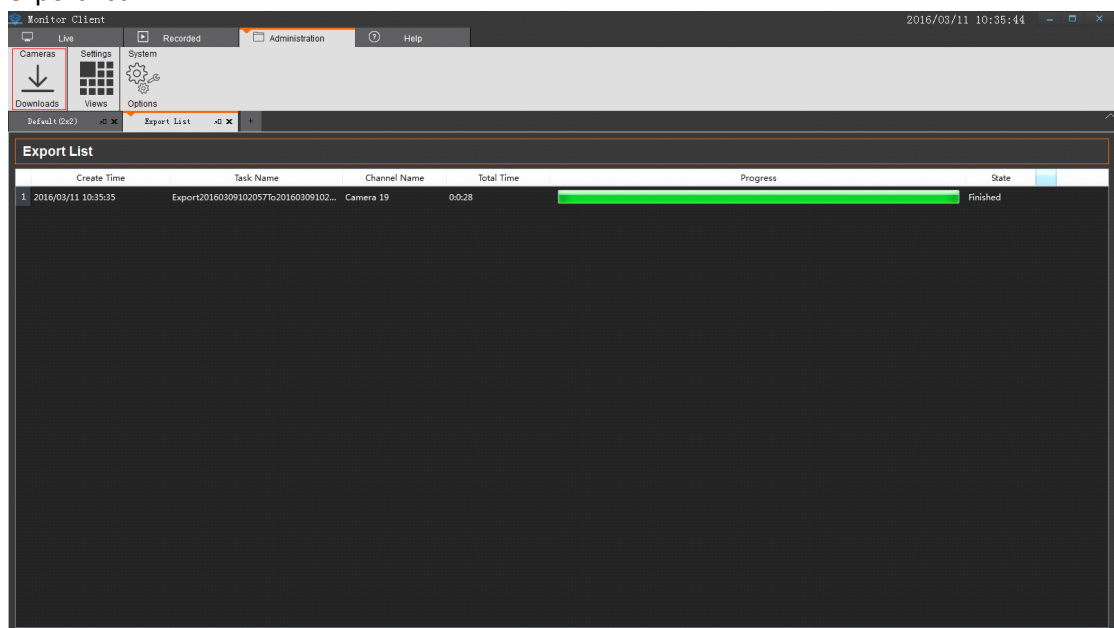1> To select time range.

1> Select to export video window.

2> Click the Export button.
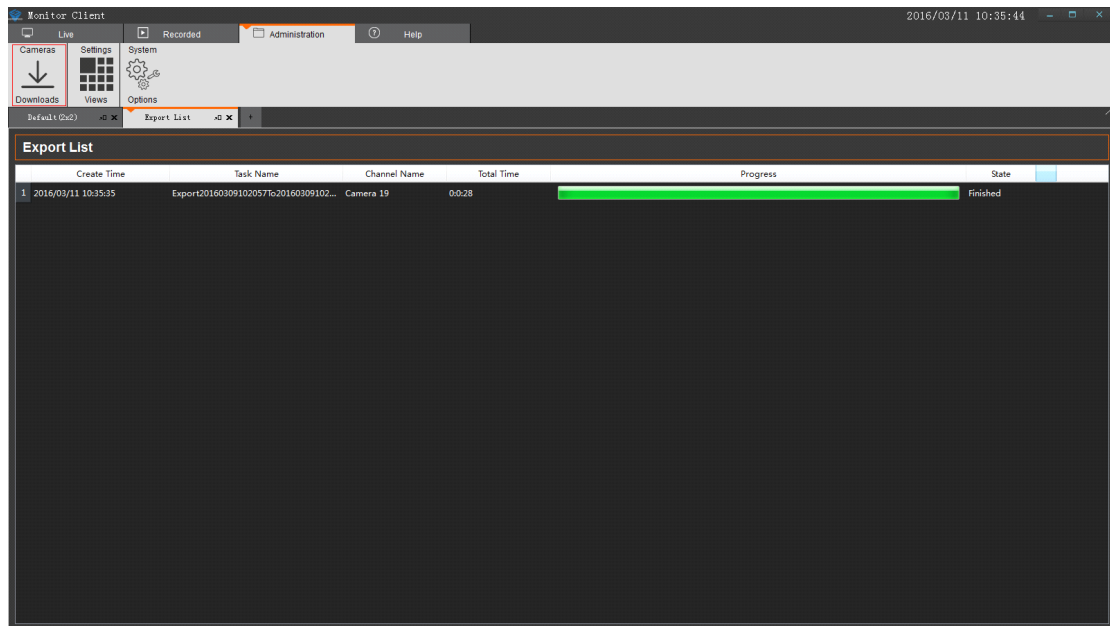

2> Select the name and location of the exported

3> After the export is completed,in management functions you can view details in the export list

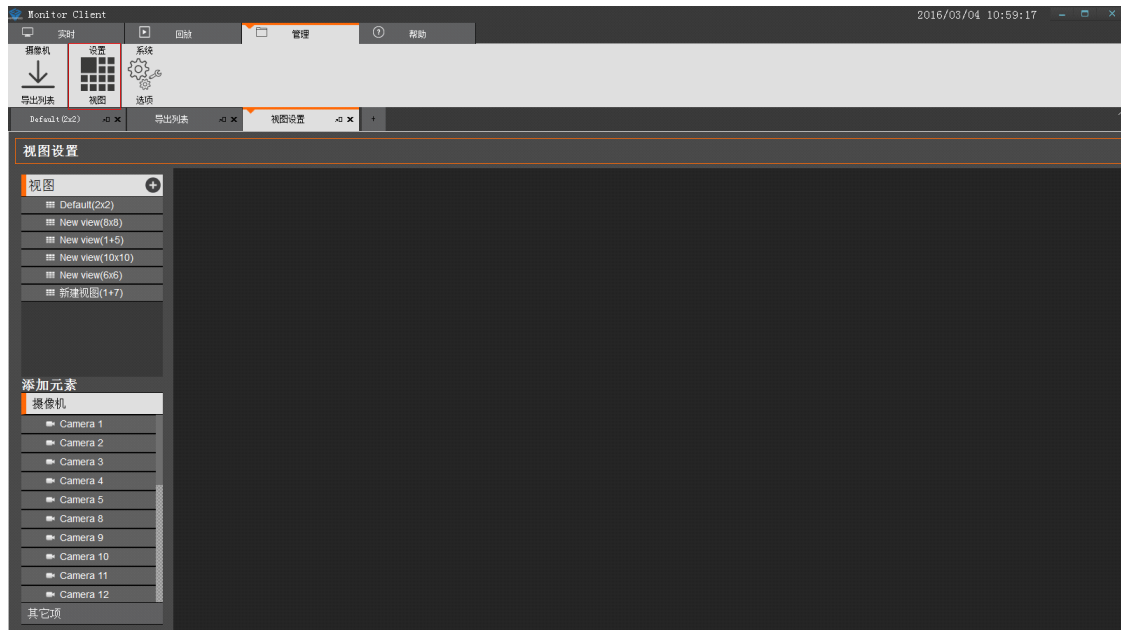## 2.2.4 Management Function

2.2.4.1 Export List

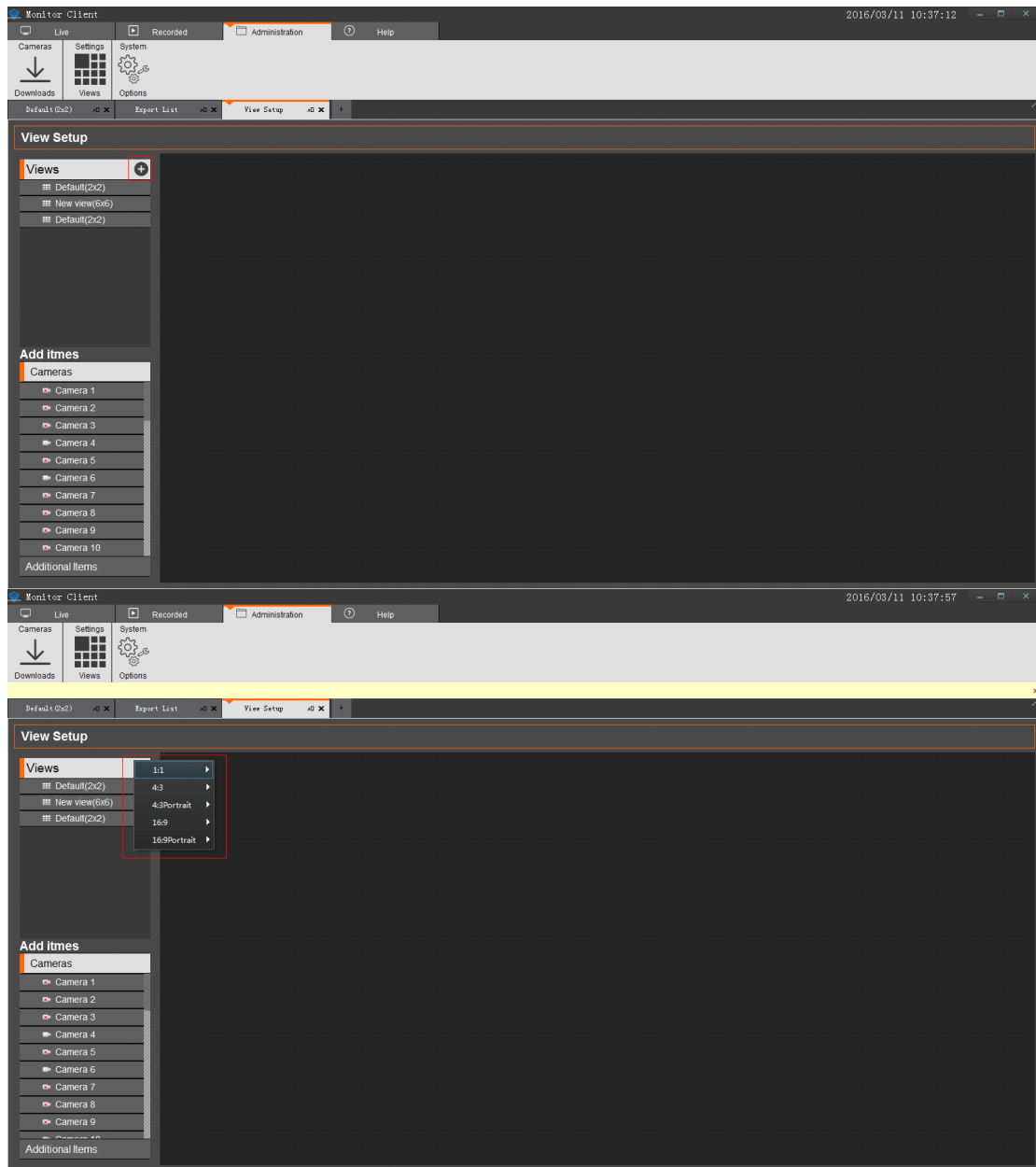See video of the export list information

2.2.4.2 View Setting

The role of the view that the user can edit the layout and view of the contents in advance, quickly switch the video area. And that will be saved to the VMS platform for later use.

2.2.4.2.1 View Edition
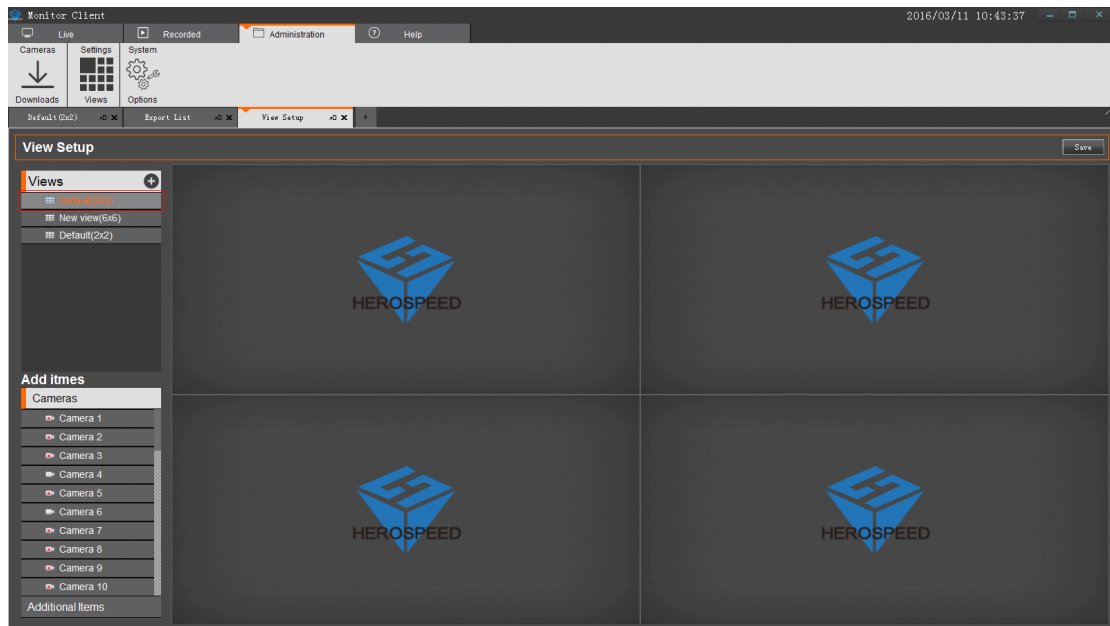
2.2.4.2.1.1 Add View

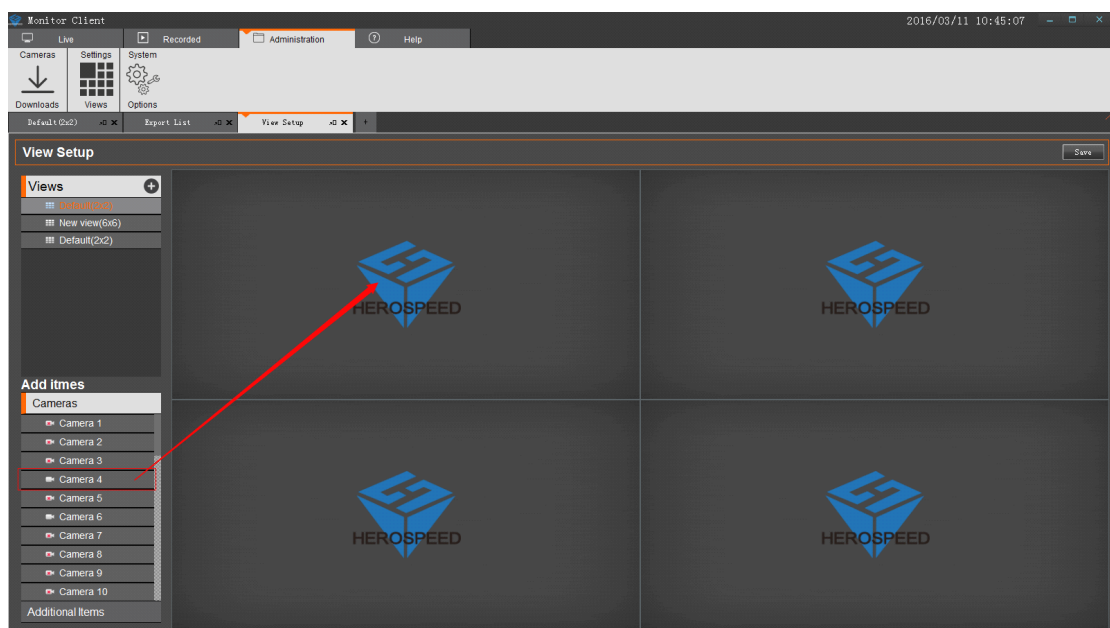Click "Add" Botton to choose a type of view layout

2.2.4.2.1.2 View Edition

4 types of view content, 1.camera 2.photo 3.HTML website   4. Video carousel
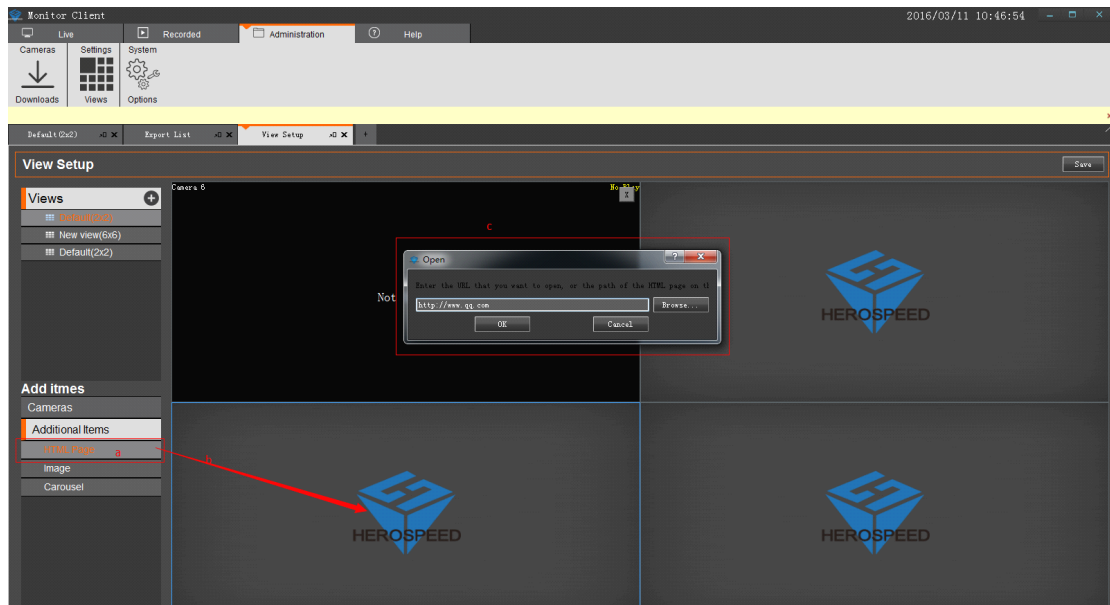
Select the view for editing

1>In the "View Setup", add items, select the camera, drag to the targeted window and complete video addition.

2>Set the view window to add a web page

    a.Select "HTML Page",

    b.Drag to the specified window

    C.input web adress
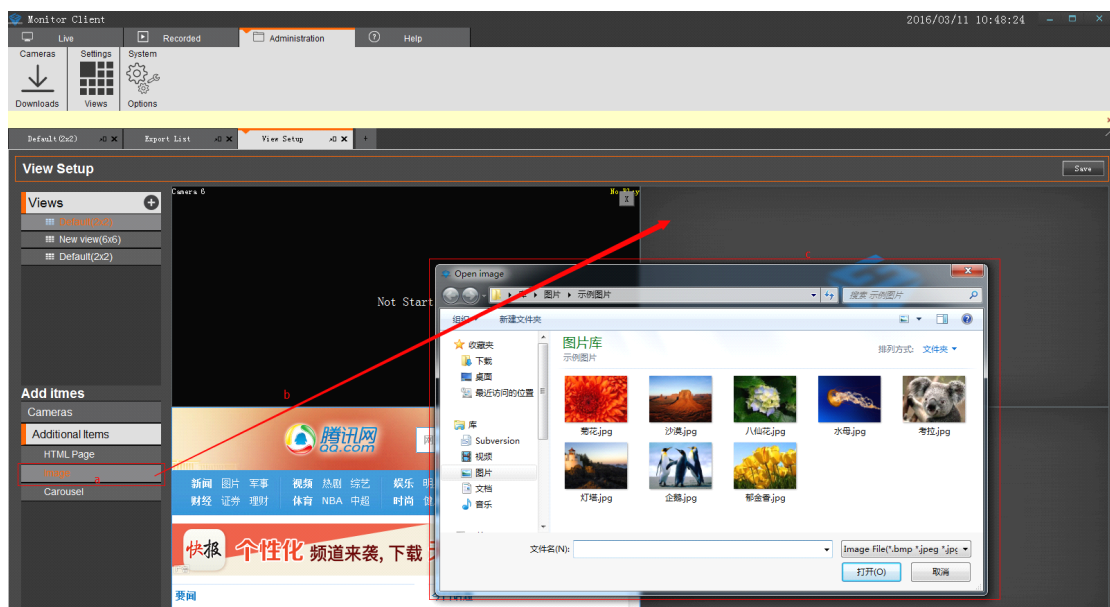
3> set the view window to add pictures

    a.click"Image".

    b.Drag to the specified window

     c.Select pictures.

4>Set the view window to add video tour
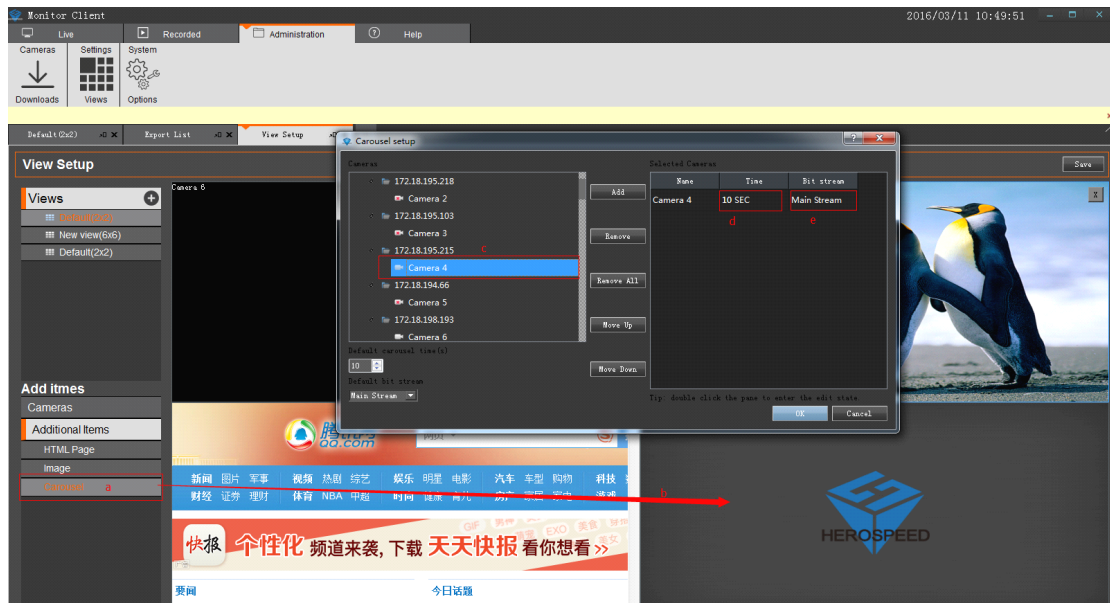
    a.Select "Carousel"

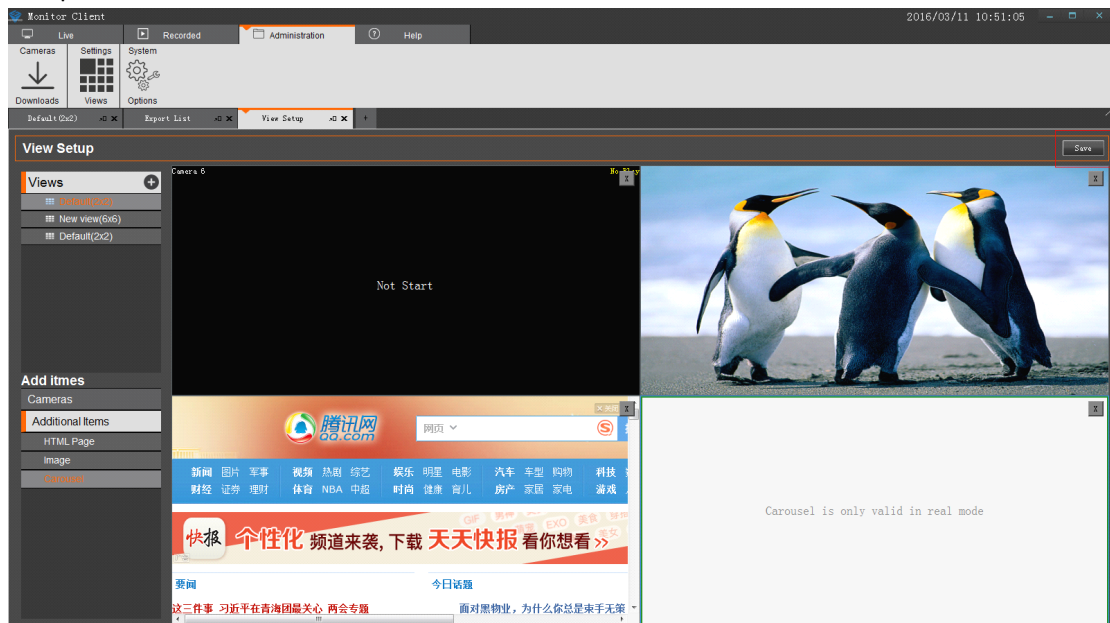   b.Drag to the specified window

    c.Select channel of equipment to be round tour

    d.Video round tour time
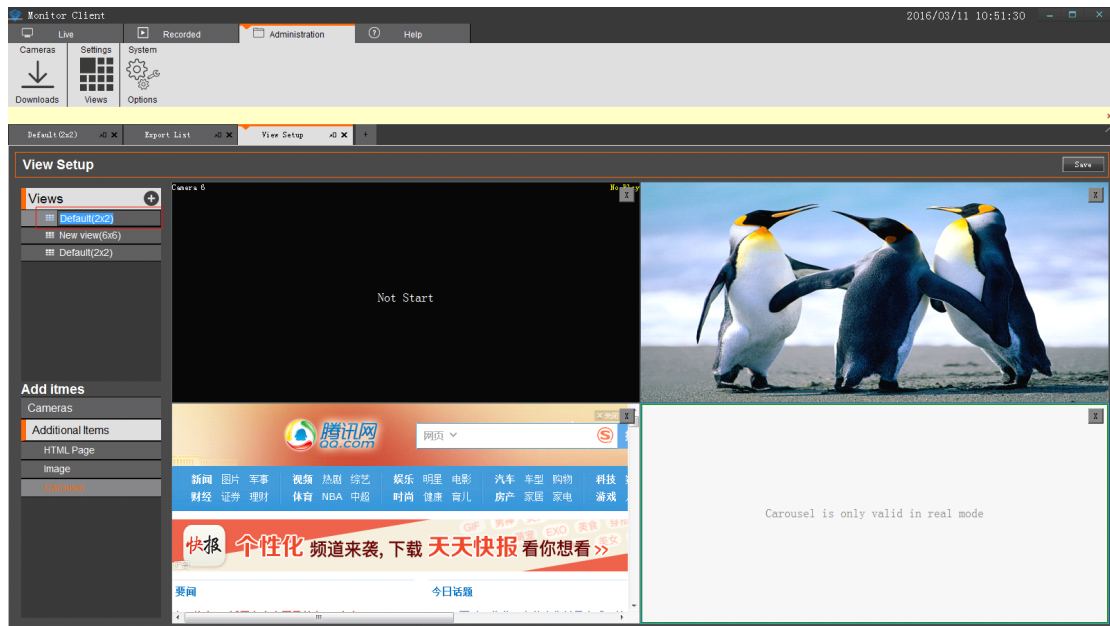
    e.the video stream type

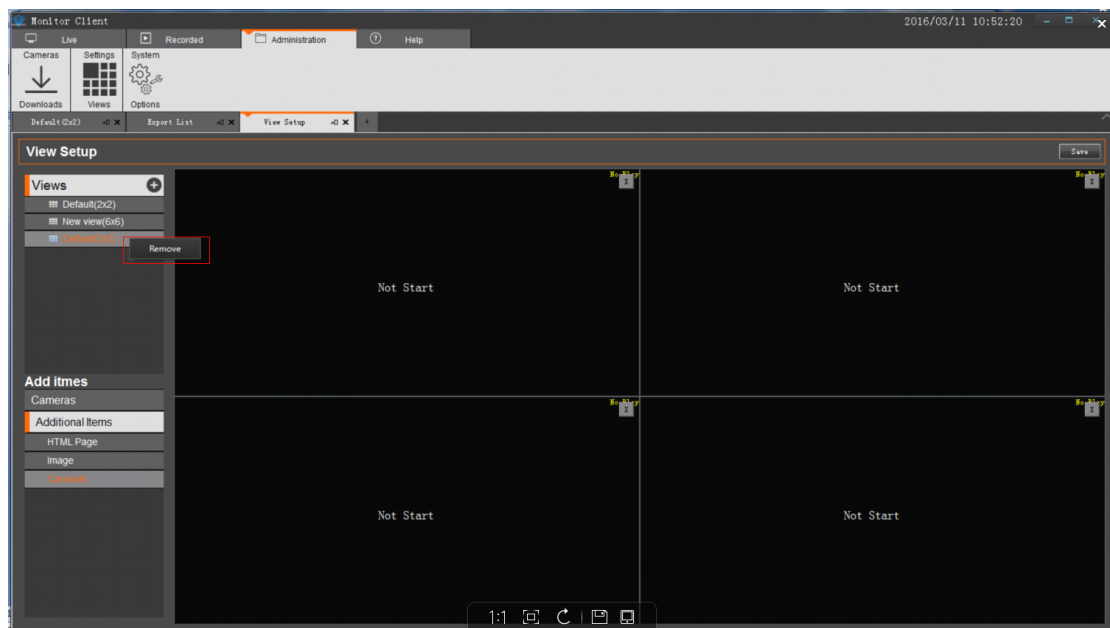Complete the view editor, click "save" button to save the view to the server.

2.2.4.2.1.3 Modify the view name

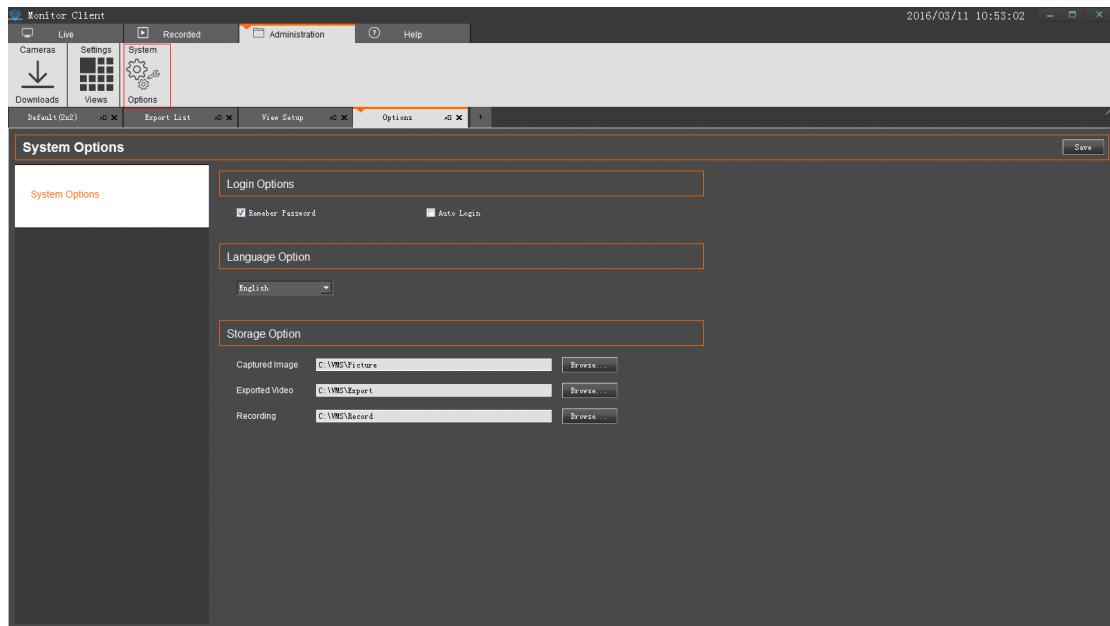Double-click to modify edit view into the state, to modify the view name and then click the "save" button

2.2.4.2.1.4 Delete View

Select view right-click pop-up menu select delete the view

2.2.4.3   System parameter options

1> General Options

login options: a. remember the password,　b. auto login

Language option: choose the different language.

storage options: a. client local video path, b. capture path, c. video export path.

2.2.5 EXIT