



# User Manual

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For TENVIS P2P

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# 1. Installation instructions

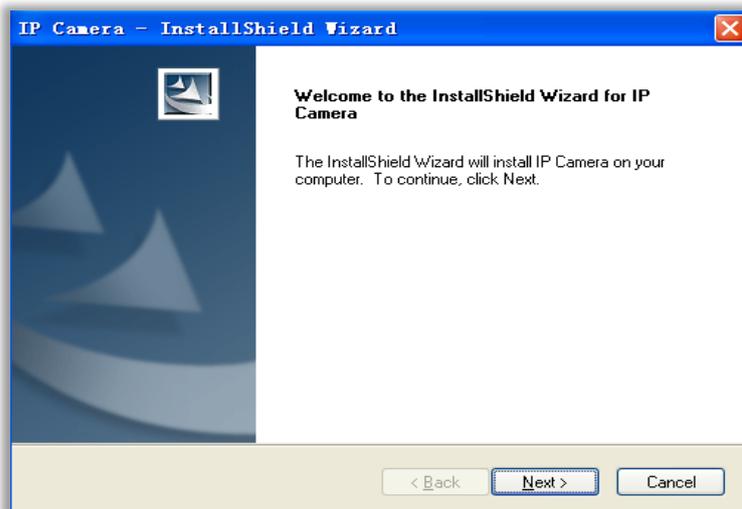
## 1.1 Installation Requirement

### Hardware condition

- 1、 Pentium IV series,CPU frequency above 2.6G
- 2、 Memory above 2G
- 3、 Hard disks $\geq$ 120G
- 4、 Monitor 1024\*768 or above

## 1.2. Installation steps

Double click installation package,it pops up as below:

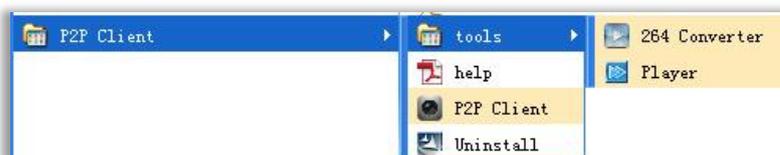


Select path then click "next"

After installation,it creates an icon on desktop as below:

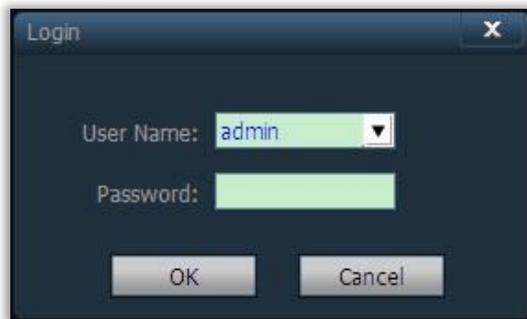


At program list as below:



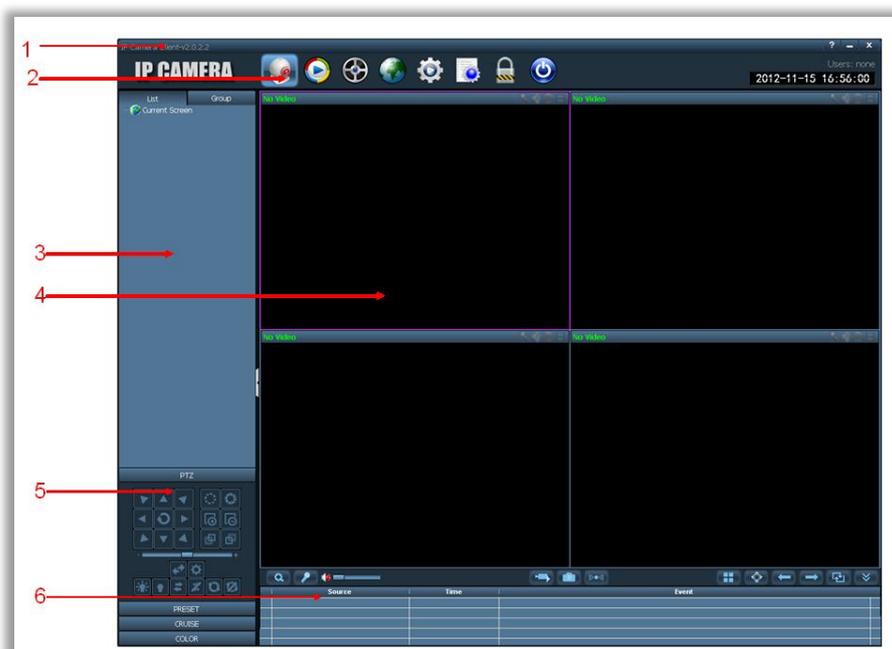
## 2. Detailed instructions

### 2.1 Login and Exit



Login	The default user is admin admin no password,click "OK" to access software main interface
Exit	Only admin authority can exit,user and guest authority can not. It needs to input administrator user and password when exit the client

### 2.2. Software interface



Software interface includes six blocks

1. System button bar
2. Label bar
3. Devices list

4. Real-time preview
5. PTZ control
6. Alarm info list

## System button list

	Help button,click to open client user manual
	Hidden button,click to hide software to system hidden list
	Exit button,click to pop up logout dialog

## Label bar

	Click to change to preview interface
	Click to change to video playback interface
	Click to change to settings interface
	Click to change to log operating interface
	Logout or change user
	Click to logout

## Devices list

List mode	According to the list level of the user's configuration, display the areas, the settings and channels
Group mode	According to the list level of the user's configuration, display the groups and channels
Current screen	Display the devices that the current screen connected, only display in the list mode

## Real-time preview

	Electronic enlarging button, circle an area after click to enable
	talk button, select the right window then click button to enable, window will show the status bar  , only support unique device to talk at one time.
	Audio button, click to open audio, click again to turn off audio, window will show the status bar  , it can open audio monitor of multiple devices at the same time.
	Record button, select the window which needs to record, click the record button to open the manual record, window will show to status bar  , and click again to turn off the manual record
	Snapshot button, select the right window, click button to snapshot, support to snapshot twice in one second.
	Multi-picture button, click to enable multi-picture display
	Front group button, click to show the front group view on circle view mode
	Next group button, click to show the next group view on circle view mode
	Group switch button, click to open group switch, and click again to pause group switch
	Speech radio button
	Devices list fold/unfold button, click to fold/unfold
	Alarm information list contract or expand button, click to contract the alarm information list, and then click again to expand the alarm information list

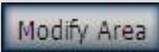
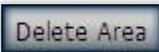
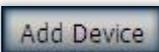
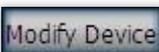
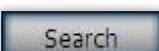
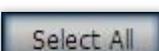
## 2.3. Device management

### 2.3.1. Add device

Before using the client software, you need to add and configure the device. Click the "Config" button on the tab, enter the device management page.

## Add list

At first time run,the default list is null,click"Add Area"button,pop up "Add Area" dialog,and input a name on name blank to add an area into device list,That is the first area,so there is no belonging area of it,it means the belonging area is empty. Notice: it can support 128 areas presently

	Add area into device list
	Modify the selected area name
	Delete selected area
	Manually add device, click and pop-up the dialog box "Add Device"
	Click to pop up configuration dialog
	Delete selected device
	Add searched device into selected area
	Click to search devices in LAN
	Select all devices in list

## Add device

### Search and add device in LAN:

Click on the "Search" button, the client will search all devices within the local area network, and then select the device you need to add in the search list, select an area and click



button to add device, you can add to the selected device to the area.

### Add device manually

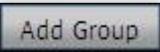
Click  button then pop up add device dialog as below:

UID code	Device UID code, Each device has a different UID code
Name	The name of the device, you can customize the device name, you can enter up to 15 characters. (Note: after you enter the name, the preview window displays only the name of device on the device tree, not display the IP address of the device)
Password	Device login password, default is "admin"
Area	Device displaying area

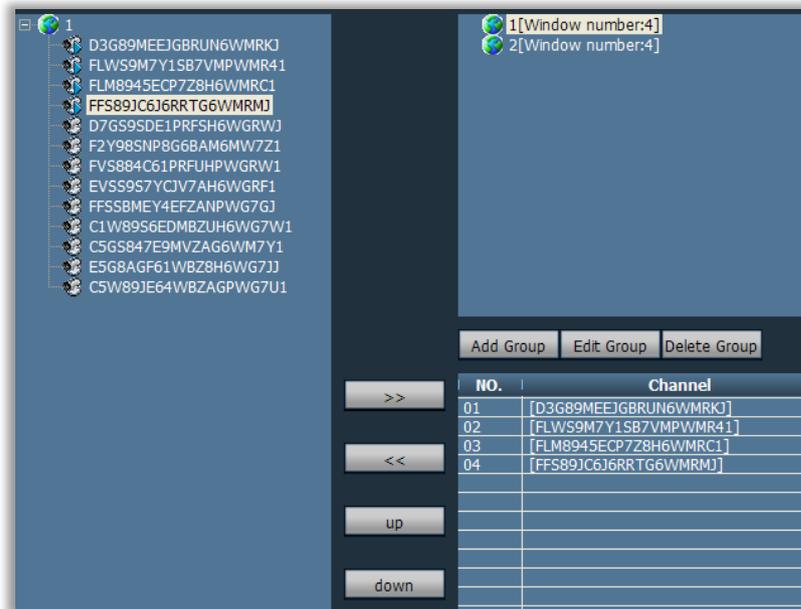
Click "OK" button after fill in the required information, complete "Add Device".

## 2.3.2. Group Management

### Add group

Select the  button, input group name into pop-up dialog then click OK  
 Notice: support 20 groups

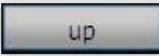
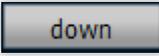
## Configure group



After you add group, you can do group configuration.

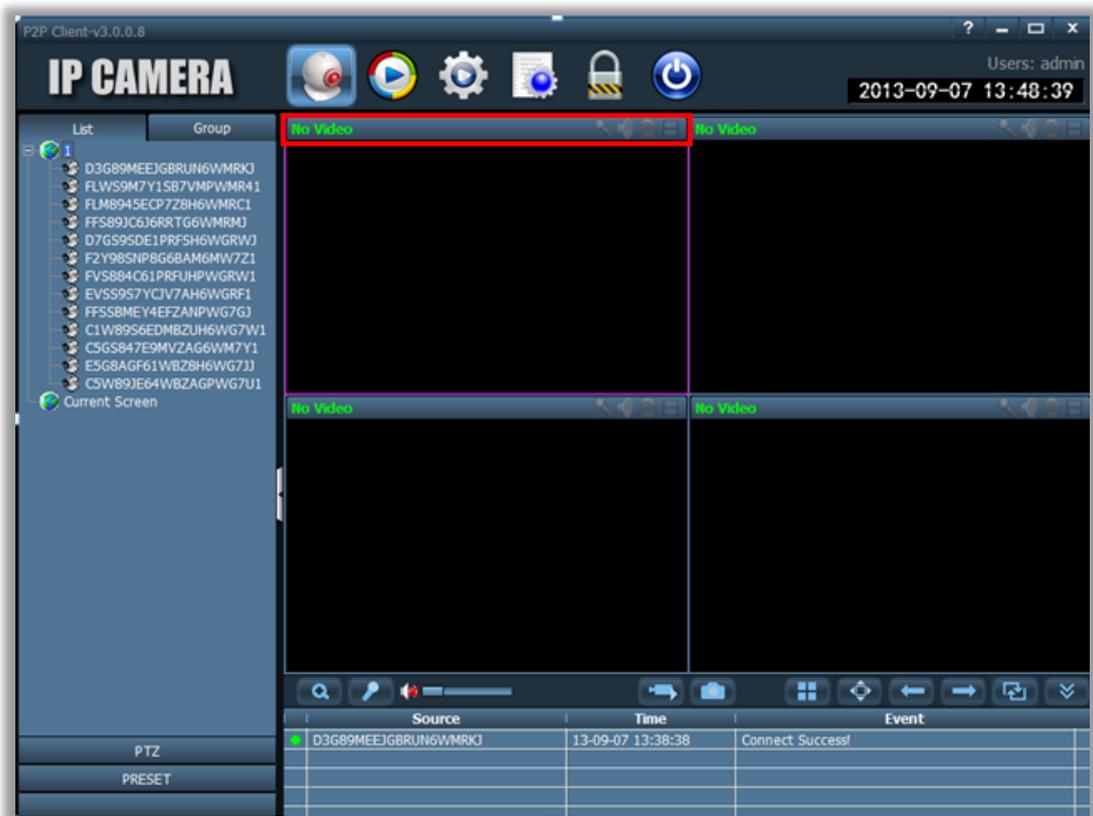
Group configuration method: select the group, click on "+" before the IP or name of the device, and then select Channel 01, and finally click  button to add device channel to the group.

Note: a single group can be set up to 16 image display

	Add device channel to the group
	Remove the device channel from the group
	Adjust the order to display devices in the group, selected device exchanges position with the front device
	Adjust the order to display devices in the group, selected device exchanges position with the next device
	Modify the group name and numbers of multipicture,clear group after modifying need to create new group
	Delete group and devices in the group

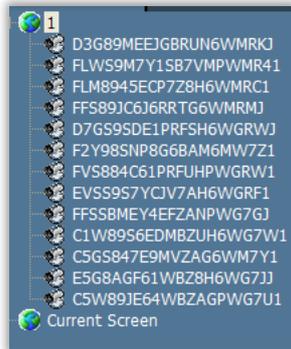
## 2.4. Image preview

After device configuration,click "preview" button to access main interface,devices list displays as list tree,click "group" or "list" to exchange information of group or list.Default viewing screen is 4 split displays,max support 36 split displays



	<p>The channel no equipment connecting, if the connection, will display equipment OSD information</p>
	<p>The intercom state, when icon into  , the channel is the intercom and the  channel no open the intercom; Monitoring state, when icon into  , said the channel is monitored, and the channel no open surveillance;</p>
	<p>Call the police state, when icon into  , said the channel is the police, and the channel no alarm</p>
	<p>Video state, when icon into  , said the channel is video, and the channel no video</p>

## 2.4.1. Dis-Group Switch preview



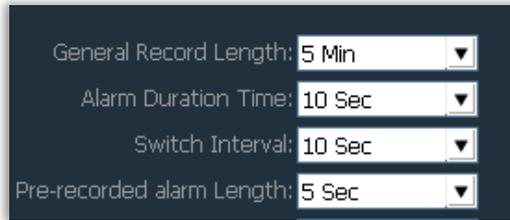
UID or double-click the device name in list mode, Double-click the UID or name, or drag the UID to the window Can display images on the mouth. It displays a blue triangle  after device connected UID name,if the displays as  , it means device does not connect. And if the display as  , it means there is alarming.

**Right click on one area,it pops up dialog as below**



Connect Device	Connect all the channels in the selected device.
DISConnect Device	DISConnect all the channels in the selected device.
Start Manual Record of Device	Start manual record in the selected device
Stop Manual Record of the Device	Stop manual record in the selected device
Quality Auto	Resolution:640*352,Bit rate:400kbps; frame rate:15fps
Quality Max	Resolution:1280*720; Bit rate:1024kbps; frame rate:12fps
Quality High	Resolution:640*352,bit rate:400kbps; frame rate:15fps
Quality Middle	Resolution:320*176; bit rate:256kbps; frame rate:10fps
Quality low	Resolution:320*176; bit rate:256kbps; frame rate:12fps
Quality Min	Resolution:320*176; bit rate:128kbps; frame rate:10fps
Full Display Device	Display the image of the selected device according to the size of the split screen

## 2.4.2. Group Switch preview



When switch to the group list, you can only use group switch to display image, you must set group when you open group switch. Please check "device group" instruction for specific settings. Click on the  Button to open group switch, click on the  button again to pause on the switch. When you use the group switch, if you need to set switch interval, modify switch interval in "Config" -- "Record Management". Switch interval is 10 seconds by default.

## 2.5. PTZ

### 2.5.1. PTZ Control



You can move PTZ to 8 directions through controlling direction buttons, and drag the slider to change PTZ moving speed, "-" is for slowing, "+" is for accelerating.

	Enlarge aperture, need device hardware support
	Narrow aperture, need device hardware support
	Enlarge focus, need device hardware support
	Narrow focus, need device hardware support
	Focus forward adjustment, need device hardware support

	Focus back adjustment,need device hardware support
	Light on button, click and turn on the camera's light, required lens support
	Light off button, click and turn off the camera's light, required lens support
	Windscreen wiper on button, click and turn on camera's wiper function, required lens support
	Windscreen wiper off button, click and turn off camera's wiper function, required lens support
	Cruise on button, click and turn on camera's cruise function, only some cameras support
	Cruise off button, click and turn off camera's cruise function, only some cameras support
	horizontal scan range, drag speed can be adjusted by the article turning faster need the support of the camera
	PTZ control panel, and click on the picture is preview, click on the button, can control panel

## 2.5.2. Preset position configuration

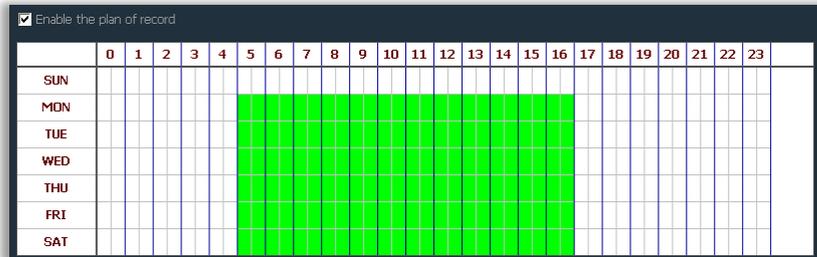


Client software supports 256 preset positions,for actual amount of preset positions,it depends on camera supported.

Set preset position	Select window to set preset position, then select preset position number,click "Set" button.
Goto preset position	Select window to call preset position,then select preset position number,click "GOto" button
Del preset position	Select window to delete preset position ,then select preset position number,click "Del" button

## 2.6. Record management

### 2.6.1. Plan of record

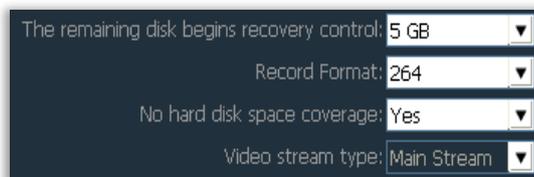


Click "Config", then "Record Management", then tick "Enable the plan of record" picture as above:

SUN~SAT express a week time, to day for the unit; 0~23 express one day time, half an hour for the unit;

Enable plan record	Select channel to record, then left click to drag out a green box(the box range is the time to record),Click "Save" to finish.
Disable plan record	Tick off "Enable the plan of record" , then click "Save".Or cancel the green box then click "Save".Left click on green box then drag mouse to cancel

Notice: If the plan of record time to all devices are the same, you just need to set a device and click "copy " and "Save " button, all devices will open plan of record.



Disk	Total size(G...)	Available si...	Path
<input type="checkbox"/> C:\	29.315	24.390	C:\MediaRecord\
<input checked="" type="checkbox"/> D:\	50.737	49.416	D:\MediaRecord\
<input type="checkbox"/> E:\	52.729	50.922	E:\MediaRecord\
<input type="checkbox"/> F:\	53.486	53.462	F:\MediaRecord\

General Record Length	Single record file's size, The default set is 5-min size, single record file's size can be 1-60 Minutes, To modify size in General Record Length blank then Click Save.
ecovery of remaining disk	The selecting range is 1-50G,when space is less than selected range, it should save record to another disk or cover the former records(default is 5G)
Record format	It can support 264 and AVI formats, and for 264 format, only

	can play with factory player.
Cover disk after fulfill	Tick to enable deleting the most former record when all disks space are less than selected recovery space. If no tick, recording stops when all spaces are less then selected recovery space.
Record Save path	Software auto detects and lists on tablet after set-up, Default path is D:\

Note: the client supports up to of 24 drives, that is the memory can take up to 24 hard disks

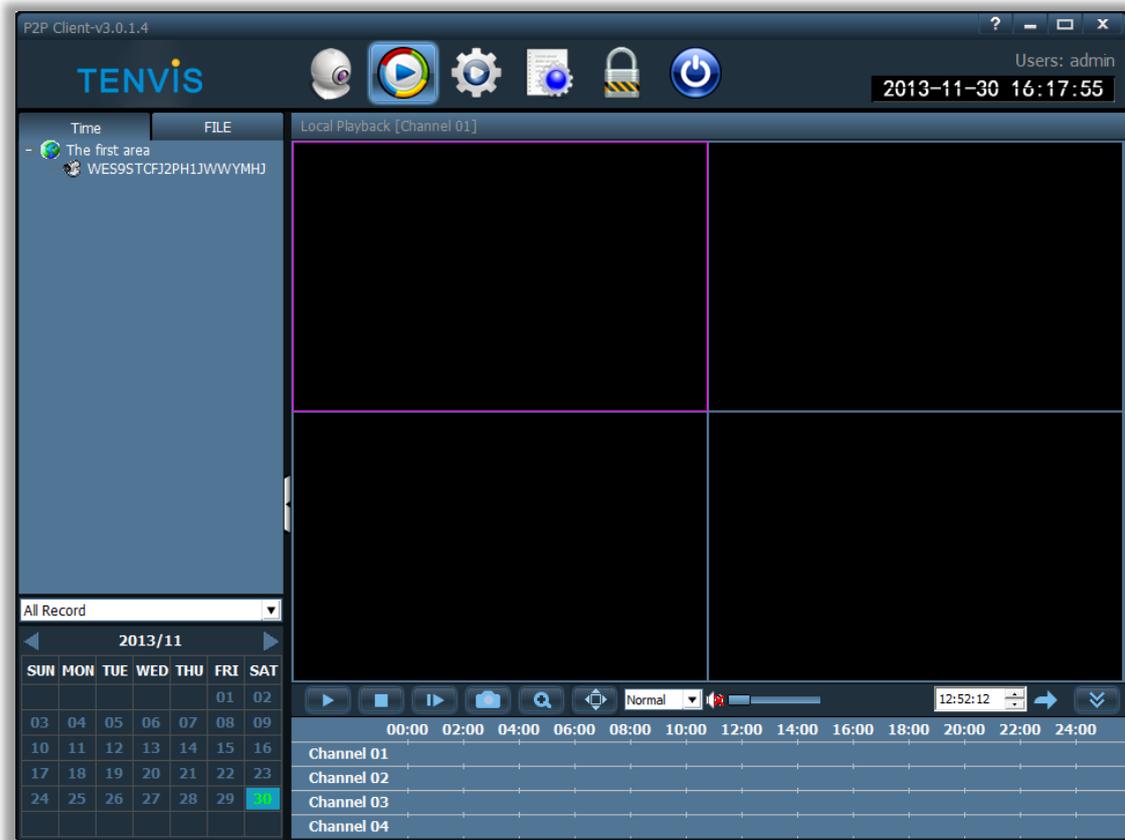
## 2.6.2. Manually Record

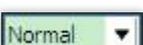
Select monitoring windows, Click  button or right click on windows to select to record, for recording time and path, referring to schedule record.

### **Record priority:**

- 1、 If enable schedule record and alarm record at the same time, it triggers alarm in schedule alarm, system should stop schedule alarm and runs alarm linkage record.
- 2、 If enable schedule record and alarm record at the same time, then enable manually recording when alarm linkage record happens, system should stop schedule record and alarm record, and run manually recording.

## 2.7. Local video playback



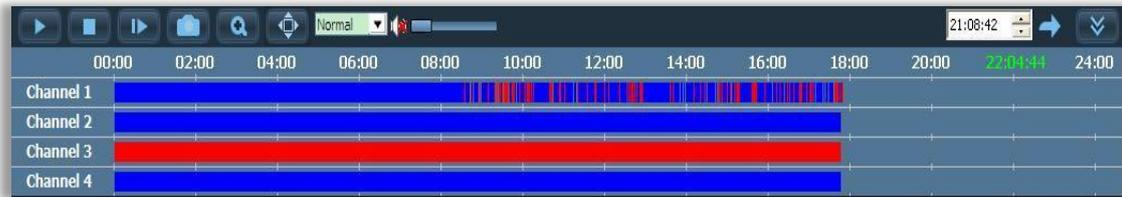
	play button; press this button for playing record
	Pause button; press this button for pause
	Single frame play; press this button for single frame play, one click one frame picture
	Snapshot button; select windows then press this button for snapshot
	Enlarge button; press this button then select area for enlarging on windows
	Full screen button;press this button for full screen show,double click on single windows for one windows full screen
	Drop down options for selecting playing speed,default is normal
	Sound button; click to sound on/off, default is closed
	Input time point then click  to go to selected time to start playing

## 2.7.1. Playback by searching time



### Record search

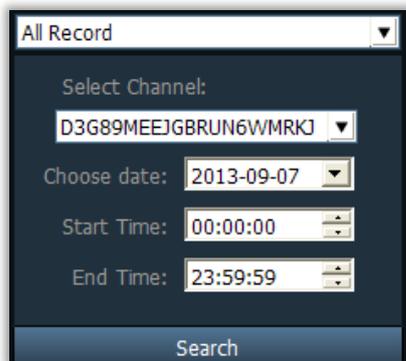
1. Define file type and searching time
2. Select windows to playback, then select device channel on list tree
3. If there is record file matching to searching condition, the file should display on timeline forum, and then double click on channel to playback
4. Double-click the device channel for record playing back.



Schedule record: ■                      alarm record: ■                      manually record: ■

Note: when the mouse moves on the timeline, the timeline panel will display the time point of current position, click to make accurate record orientation, right-clicking on the timeline panel, the timeline panel display will change from 24 hours to 2 hours, effectively enlarge the time point

## 2.7.2. Searching-file playback

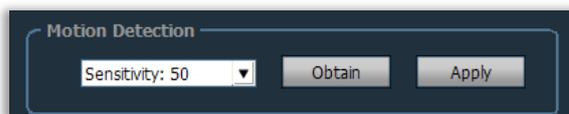


1. Select file type and device channel;
2. Select searching time then click "Search",the eligible files should list on device tree;
3. Select playback windows then double click record file to view video,it can support one video displaying on four windows at the same time;

## 2.8. Parameters settings

Before modifying the device parameters, please connect the devices which need to modify the parameters on the parameter settings page, double-click the device channel of the device tree, then it will display images on the right image box.

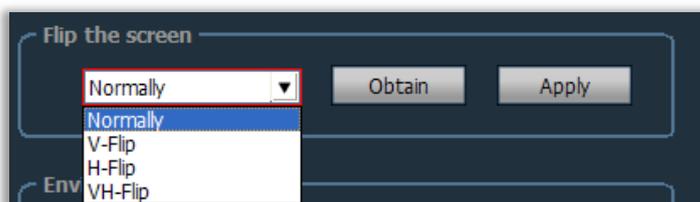
### 2.8.1. Motion Detection



Set the motion detecting sensitivity:

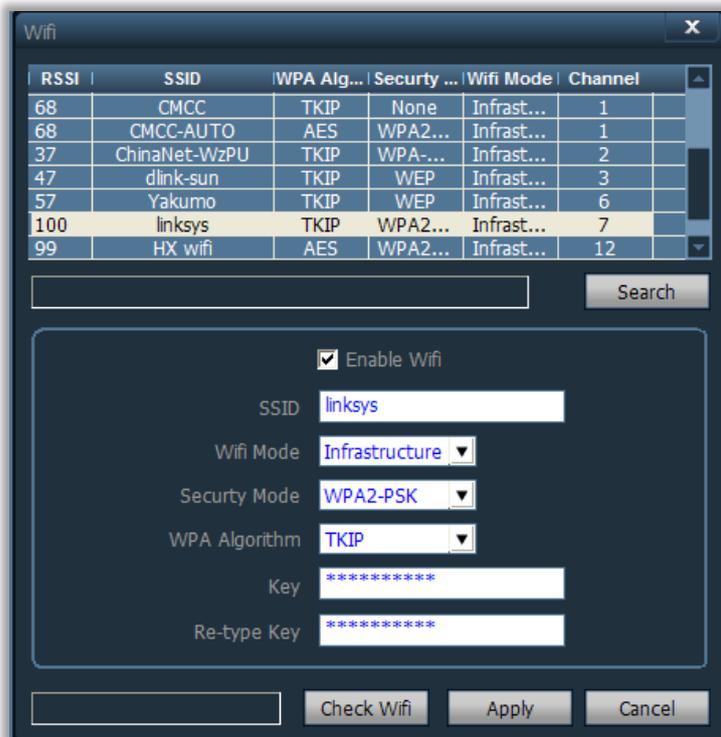
1. Within the device list, select the device to modify
2. Choose the equipment sensitivity (0-100 can be installed), click Setting

### 2.8.2. Flip the screen



Setting Normally, V-Flip, H-Flip and VH-Flip four images

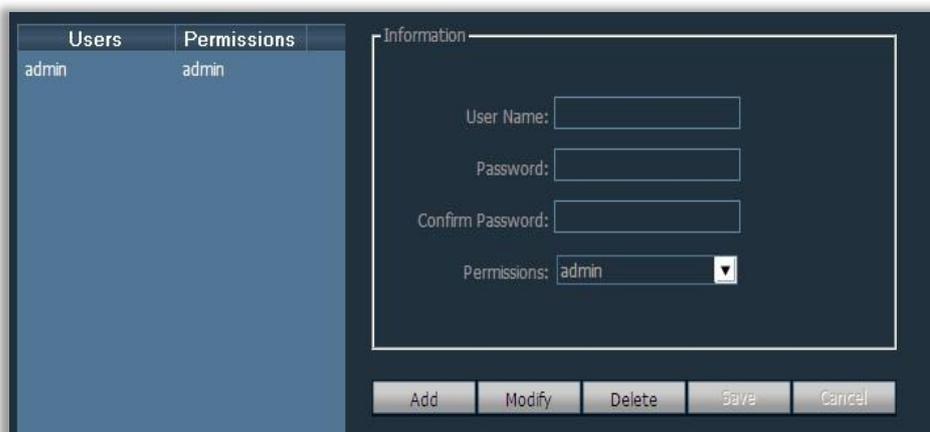
## 2.8.3. WIFI



### Set up WIFI steps:

1. Selected enable WIFI, click search WIFI signal
2. Double-click the mouse used the WIFI SSID number
3. Input WIFI password key
4. Click on the Apply button, and then click the check WIFI, restart your device

## 2.9. User management



The device administrator's user name is Admin by factory default, password is blank. After you logon as Administrator, you can add user, delete user and modify user permissions. User permissions have admin, user, and guest three kinds.

## 2.9.1. Add user

1. Login with admin then click "Config" then "user management"
2. Click "Add" button, input name and password then select permission
3. Click "Save" button to finish

## 2.9.2. Delete user

1. Login with admin then click "Config" then "user management"
2. Select user then click "Delete"button

## 2.9.3. Modify user authority

1. Login with admin then click "Config" then "user management"
2. Select user then click "Modify"
3. Select permission then click "save"

## 2.9.4. Modify user password

1. Click "Config" then "user management"
2. Select user then click "modify"
3. Input new password then click "Save"

## 2.10. Log



The screenshot shows a log management interface with the following fields and values:

- Log Type: All logs
- Sub log type: All Device
- Start time: 2011-10-21 00:00:00
- End time: 2011-10-21 23:59:59

Buttons for "Export" and "Search" are also visible.

### Log Type

All logs	Record all information of system
System log	Record information of user login,logout and user configuration,etc
Operation log	Record user operations
Alarm log	Record device alarm information

### 2.10.1. Log retention time

1. Click "Config" then "other settings"
2. Select retention time for log , it supports 1,2,3 or 6 months , then click "Save" button

## 2.10.2. Log search

1. Select log type and sub-log type
2. Select device for inquire log, default is "ALL devices"
3. Select start time and end time then click "Search"

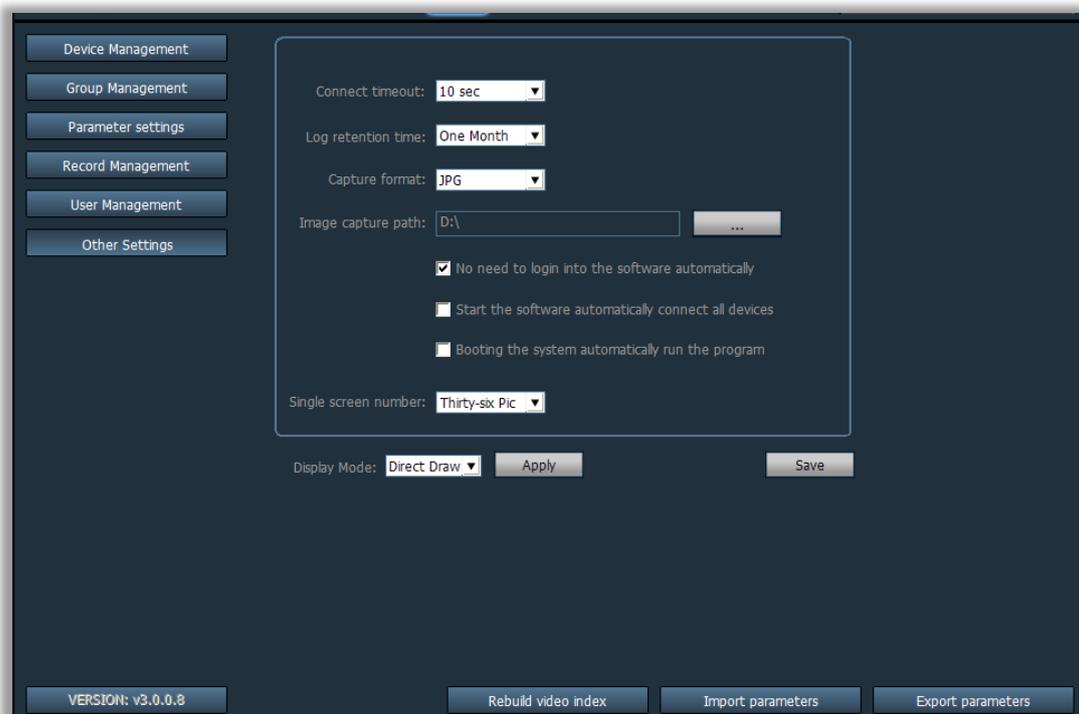
## 2.10.3. Log Backup

1. Select the "Log Type" and "Sub log type"
2. Select the device which needs to view logs, default to "All Device"
3. Select the "Start time" and "End time" of logs and click on the "Search" button
4. Click on the "export" button, and select the path to backup

Note:

1. Before backup log, you must first search the log to be backed up
2. Log export to be Excel format
3. If the exported log quantity is more than 5,000, only saving 5,000 in each Excel sheet, the excess part will export into another Excel sheet again, and so on.

## 2.11. Other Settings



Check Time

Tick represents the client collate time with all devices that are connected to the client in the specified time, that is, device time synchronization to the PC time

Log Retention Time	There are one month, two months or three months, six months 4 options, the client logs will not be deleted in the set time
Capture Format	It means the picture format of client capture, the capture formats: JPG and BMP two types
Image Capture Path	It means the save path of the image that the client capture
Save	The settings of modifying the parameters will take effect just after click "Save " button
Rebuild video index	Delete video database index files, to establish a video database index files.
Export Parameters	Export all the setting parameters of the client
Import parameters	Set the export parameters import into another client.(The versions of two client need to be consistent, or it may appear an exception if there is inconsistent