

mapesen

HiP2P PC Client Quick User Instructions

www.mapesen.com

Foreword

The CMS of IP Camera is used to realize all front-end network video monitoring devices(including network video server, IP camera) centralized monitoring, storage, management and control. The management software can manage Max 96 front-end network monitoring devices; can set and control any device, and other functions; can support 1/4/6/8/9/16/25/36 pictures display on one screen, and two-way voice talk back, logs retrieval, and other functions. With powerful function, friendly interface, and simple operation, it is convenient for users to realize networking applications for large-scale remote network monitoring system.

Statement

1. The contents described in this manual may exist some difference with the version you are using. If you have some questions can not be solved, please contact our technical support department or products supplier.
2. The contents in this manual will update irregularly, our company reserves the rights without prior notice.

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1. Installation Instructions

1.1. Installation Requirements

Hardware Environment:

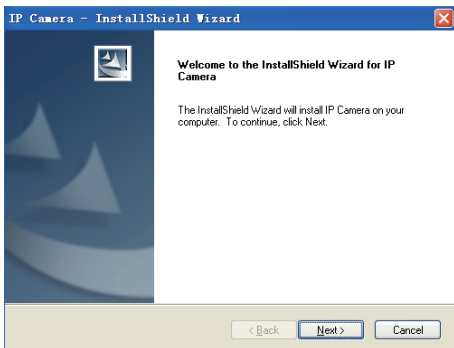
1. Pentium IV series, CPU basic frequency more than 2.0G
2. More than 2G memory
3. Hard disk 120G or higher
4. Display resolution 1024 x 768 or higher

Software environment:

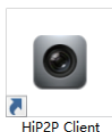
Windows2000/Windows XP/Windows2003/Windows Vista/
Windows 7,Windows2000/WindowsXP/Windows2003/
Windows Vista/Windows 7/Windows8

1.2. Installation Step

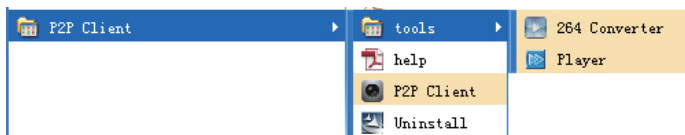
Double-click the installation package, it will pop up below interface:



Select the installation path, click “Next”, then installation finished. After installation, it will show below icon on desktop:

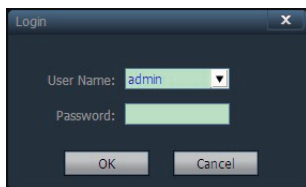


In the program bar will show following interface:



2. Cms Detailed Instruction

2.1. Login And Instruction

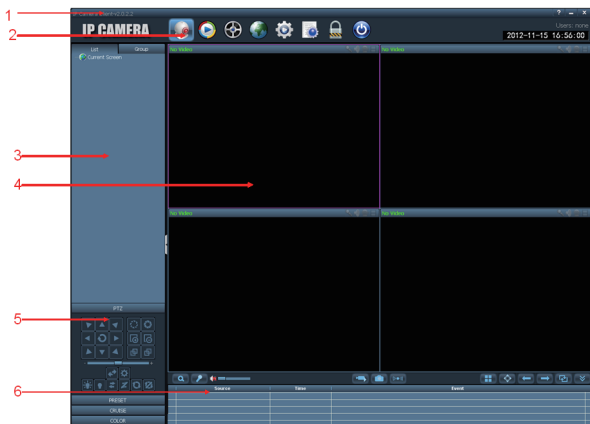


【Log in】 When log in, the default user name is admin and password is empty , click “OK” to enter into CMS Main interface.

【Exit】 Only the users with admin permissions can exit from CMS, user and guest can not exit from CMS.

When exit from CMS, you need to input the admin permissions’s user name and password.





2.2. Software Interface Instruction



The software interface as shown in above, mainly divided to 6 sections:

- | | | |
|---------------------|---------------|-------------------|
| 1 System button bar | 2 Tab bar | 3 Device list |
| 4 Real-time preview | 5 PTZ control | 6 Alarm info list |

◆ System Button List :

-  Help button, click it to open CMS instruction
-  Hidden button, click it then software hide into system tray
-  Maximize button, click it then software cover entire screen
-  Exit button, click it then software pop up Exit reminder

◆ Tab Bar :

 Logo information

 Click it then switch to image preview interface



Click it then switch to recording playback interface



Click it then switch to setting interface



Click it then switch to logo operation interface



Logout user and switch user



Click it then exit cms


◆ Device List:



【List mode】 According to user configuration listing level to show area, setting, and channel.



【Group mode】 According to user configuration grouping level to show group and channel.



【Current screen】 Show current connected device on screen, only shows in list mode.


◆ Real-time Preview


 Electronic zoom button, click it and use mouse to draw a area on the screen, then area magnification can be realized.


 Voice talk back button, choose the window need to open talk back, then click talk back button, window status bar will show  , talk back can be realized, only can open talk back of one device at the same time.


 Voice monitoring button, click it to open voice monitoring, window status bar will show  , click it again to close voice monitoring, it can open voice monitoring of multiple devices at the same time.

 Recording button, choose the window need to recording, click recording button to open recording manually, window status bar will show  , click it again to close recording manually.


 Picture capture button, choose the window need to capture picture, click capture button to realize picture capture, if click capture button continuously, 1 second can capture 2 pictures at most.

 Multi-image choosing button, click it to choose multi-image display, 1,4,6,8,9,16 image options.


 Full screen display button, click it then real-time preview area will be full screen displaying.


 Last group button, in Grouping cycle switching,click it then back to window display of last group.

 Next group button, in Grouping cycle switching, click it then skip to window display of next group.

 Cycle switching button, click it to open grouping cycle switching, click again to stop grouping cycle switching.

 Voice broadcast button

 Device tree shrink or extend button, click it that device tree shrink, click again then device tree extend.

 Alarm message list shrink or extend button, click it that alarm message list shrink, click again then alarm message list extend.

2.3. Device Management










2.3.1. Add Device

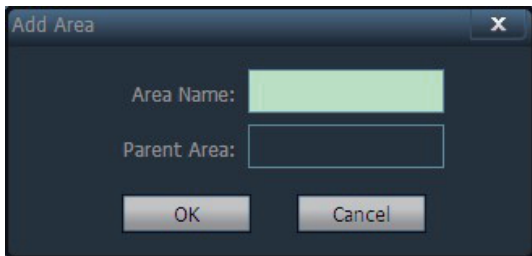
Before using the CMS, you need to add device and configuration. Click “setting” button in tab bar, enter into device management page.

【Add list list】

When run software initially, default list tree is empty. Click “add area” button, pop-up “add area” dialog box. After filling in name in area name column, click ok to add a area in list tree. Because of the added area is the first area, so this area do not exist belongs area, the area is empty.

Note: List tree can add Max 128 areas at present.

-  Add area into device tree
-  Modify the name of selected area
-  Delete the selected area
-  Add device manually, click it to pop up dialog box of Add device
-  Click it, then pop-up dialog box of editing device
-  Delete the selected device
-  Add the searched devices to selected area
-  Click it to search the devices in lan
-  Choose all devices in searching list



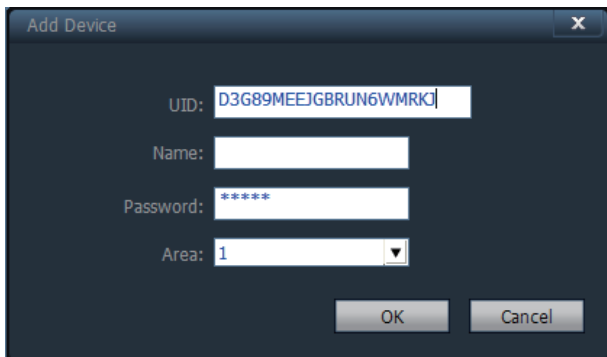
【 Add device 】

◆ Search to add device in LAN

Clicking search button, the CMS will search out all devices in LAN, then select the device needed to add in search list, and select area, click **>>** button to add device, thus you can add selected device to this area.

◆ Add device manually


Click **Add Device** button, it will pop-up below dialog box of add device, as shown in below:



【UID】 UID of the device, each device has different UID
【Name】 Name of the device, it is user-defined. Max 15 Chinese characters. (Note: After Enter name, the device tree in preview window only display device name, don't display device IP Address.)
【Password】 Login password of the device, default is admin
【Area】 Displaying area of the device
【Series】 TUTK AND DANA is optional
After filling in all required information, click OK to finish device adding.

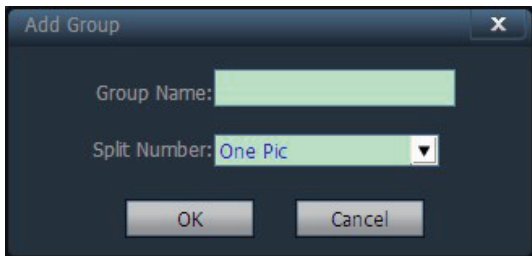
2.3.2.Group Management

◆ Add group:

Select  button, it will pop-up dialog box of add group, then input name in grouping name, and click ok.

Note: It can add Max 20 names in grouping name.

◆ Configuration group:



1

D3G89MEEJGBRUN6WMRKJ
 FLWS9M7Y1SB7VMPWMMR41
 FLM8945ECP7Z8H6WMRC1
FFS89JC6J6RRTG6WMMR1
 D7G59SDE1PRFSH6WGRWJ
 F2Y98SNP8G6BAM6MW7Z1
 FVS884C61PRFUHPWGRW1
 EVSS9S7YCV7AH6WGRF1
 FFS8BMEY4EFZANPWG7GJ
 C1W89S6EDMBZUH6WG7W1
 C5G5847E9MVZAG6WM7Y1
 E5G8AGF61WBZ8H6WG7JJ
 C5W89JE64WBZAGPWG7U1


1[Window number:4]
 2[Window number:4]

Add Group Edit Group Delete Group







NO.	Channel
01	[D3G89MEEJGBRUN6WMRKJ]
02	[FLWS9M7Y1SB7VMPWMMR41]
03	[FLM8945ECP7Z8H6WMRC1]
04	[FFS89JC6J6RRTG6WMMR1]

>>
 <<
 up
 down

After adding group, you can do group setting.

Group setting methods: select group, click UID of the device, then click  button to add device channel into group.

Note: Each group can set Max 16 pictures displaying.

-  Add device into grouping channel
-  Remove device from grouping device channel
-  Adjust device displaying sequence in grouping, the selected device and front device change position.
-  Adjust device displaying sequence in grouping, the selected device and behind device change position.
-  Modify the name of grouping and division, then the group will be empty, you need to reset group.
-  Delete group and devices in group

2.4. Image Preview

After configured device, clicking “preview” button in Tab bar, then back to main interface of monitoring, the default display way of device tree is list tree. You can switch displaying group and list information by clicking “group” and “list” in device tree. The default display images is 4 image segmentation, support Max 36 pictures.

When maximum image segmentation, it has 16/25/36 image mode optional. The higher the picture, the performance of host also need to be promoted. If 25 or 36 images displaying, we suggest use more than i3 CPU and independent video card.






The screenshot displays the IP CAMERA software interface. The top-left corner shows the title "IP CAMERA" and the version "P2P Client-v3.0.0.8". The top-right corner displays the user "Users: admin" and the timestamp "2013-09-07 13:48:39". The interface is divided into several sections:



- Left Panel:** A tree view showing a list of devices. The "List" tab is selected. The devices listed include:
 - D3G89MEEJGBRUN6WMRKJ
 - FLW59M7Y1SB7VMPWMR4I
 - FLM8945E07Z8H6WMRC1
 - FFS89JCGJRRTG6WMMR4J
 - D7G59SDE1PRFSH6WGRWJ
 - F2Y98SNP8G66AM6MWZ1I
 - FVS884C61PRFUJHPWGRW1
 - EVS99S7YCV7AH6WGRF1
 - FFSS8MEY4EFZANPWG7GJ
 - C1W89S6EDMBZUH6W67W1
 - C5G847E9MVZAG6WM7Y1
 - E5G8AGF61WBZ8H6WG7J1
 - CSW89JE64WBZAGPWG7U1The "Current Screen" is selected.
- Right Panel:** A 2x2 grid of video feeds. All four feeds currently display "No Video".
- Bottom Panel:** A control area with PTZ and PRESET buttons, and an event log table.



Source	Time	Event
D3G89MEEJGBRUN6WMRKJ	13-09-07 13:38:38	Connect Success

Display image instruction:

No Video :It indicates this channel do not connect any device. If connected, OSD information will be displayed on device. talkback status, when the icon becomes  , it means this channel is talkback, otherwise the channel do not open talkback.




 :Listening status, when the icon becomes  , it means this channel is listening, otherwise it does not open listening.

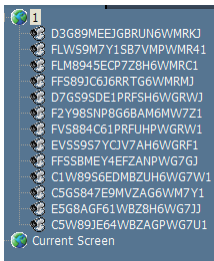
 :When the icon becomes  , it means this channel is alarm, otherwise it does not alarm.

 :Status, when the icon becomes  , it means it is recording, otherwise without record.

2.4.1. Dis-Group Switch Preview

In list mode, please double click device UID or name, or drag UID to windows directly, then it can display image.

After device connected, it will show a blue triangle  on UID or name; if shows  , means device do not connect. If shows  , means it will have alarm.



Right-click any area, it will pop-up the picture as shown on the right:



【Connected all】 Connect devices in selected area

【Start manual record of area】 Open manual record in selected area

【Stop manual record of area】 Stop manual record in selected area

【Quality: Auto】 Definition: 640*352 Bit rate: 400kbps frame: 15fps

【Quality: Max】 Definition: 1280*720 Bit rate: 1024kbps frame: 12fps

【Quality: High】 Definition: 640*352 Bit rate: 400kbps frame: 15fps

【Quality: Middle】 Definition: 320*176 Bit rate: 256kbps frame: 10fps

【Quality: Low】 Definition: 320*176 Bit rate: 256kbps frame: 12fps

【Quality: Min】 Definition: 320*176 Bit rate: 128kbps frame: 10fps

【Auto adjust all】 He device adjust image display ratio automatically in select area

【Full display all】 The device display images in select area as the size of segmentation picture

Right-click any device, it will pop-up the picture as shown on the right:



【Connected device】 All channel connected to selected device

【Start manual record of device】 Open manual record for selected device

【Stop manual record of device】 Stop manual record for selected area

【Quality: Auto】 Definition: 640*352 Bit rate: 400kbps frame: 15fps

【Quality: Max】 Definition: 1280*720 Bit rate: 1024kbps frame: 12fps

【Quality: High】 Definition: 640*352 Bit rate: 400kbps frame: 15fps

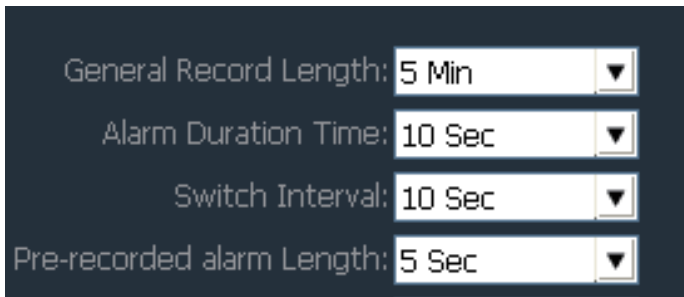
【Quality: Middle】 Definition: 320*176 Bit rate: 256kbps frame: 10fps

【Quality: Low】 Definition: 320*176 Bit rate: 256kbps frame: 12fps

【Quality: Min】 Definition: 320*176 Bit rate: 128kbps frame: 10fps



【Auto adjust device】 The selected device adjust image display ratio automatically

【Full display device】 The selected device display image as the size of segmentation picture



Note: When images stop displaying, the device is still in connection status, if the device has started record function, it still keep recording after stop displaying.

2.4.2.Cycle Switching Preview

When switching to group list, you can only use cycle switching way to display image. Before open cycle switching, you must set group first. Please check “device group” for specific settings. Click  button to open cycle switching, click again  to suspend it.

When using group cycle switching, if need to set cycle time, please modify in “setting”—“record management”, default is 10 seconds. The scope is 5s to 60s adjustable.

2.5.PTZ Control

2.5.1.PTZ Control

You can control PTZ of eight directions rotation by direction key, and choose PTZ rotate speed by drag slider,“-”means PTZ rotate speed slow down, “+”means PTZ rotate speed up.



Iris expand button, need the lens of camera support



Iris shrink button, need the lens of camera support



Zoom in button, need the lens of camera support



Zoom out button, need the lens of camera support



Focus in button, need the lens of camera support



Focus out button, need the lens of camera support

2.5.2. Preset Setting

The CMS can support Max 256 preset. Please refer to the preset quantity instruction that camera supported of how many preset can be used in the concrete.



PRESET		
NO.	PresetName	
001	Preset001	
002	Preset002	
003	Preset003	
004	Preset004	
005	Preset005	
006	Preset006	
007	Preset007	
008	Preset008	
009	Preset009	
010	Preset010	

Goto Set Del

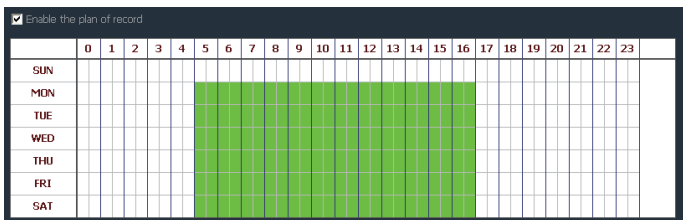
【Preset setting】 Choose the window that need to set preset, then select preset number, click “preset” button, preset point set successfully.

【Call preset】 Choose the window that need to call preset, then select the preset number, click “call” button, before select call you must set preset firstly.

【Delete preset】 Choose the window that need to delete preset, then select the preset, click “delete” button, thus preset deleted successfully.

2.6. Record Management

2.6.1. Plan Of Record



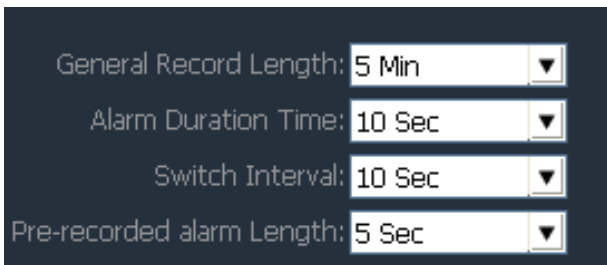
In the tab bar to choose “setting”-- “record management” — “Enable the plan of record”, as shown in above:

SUN – SAT means one week, based on the count of day ; 0 – 23 means one day, based on the unit of half an hour.

【Enable the plan of record】 Choose channel, then click the left mouse to drag a green blocks in the schedule, as shown in above; green area is the time bucket that enabled plan of record. After setting time bucket, click save.

【Close the plan of record】 Cancel the tick in enable plan of record, click save; or cancel green block in schedule and click save. The method of cancel green block: only need to click left mouse and drag mouse, the green block can be cancelled.

Note: If the plan of record time for all devices are the same, you only need to set one device, then click copy and save, then all devices enabled plan of record.



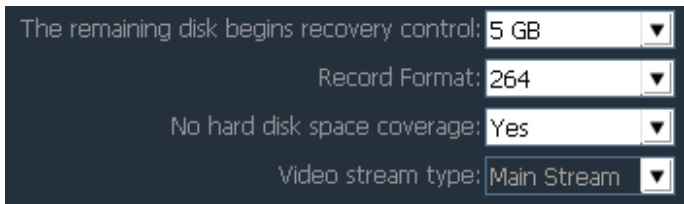
【General record length】 The default record length is 5 minutes in system setting for a single recording file. The file can set 1-30minutes. Please refer to the picture in the right, modify length in general record length, and save it.

【Remaining disks recycling space】 The scope is 1G-50G optional, when disk space is less than set range, it will skip to another disk or delete earliest record file(default recycling is 10GB).

【Record format】 264 and AVI record formats. If record format is 264, you must use manufacturer’s player to playback record.

【No hard disk space coverage】 Select “Yes”, when all disk space is less than the set of disk space, it will delete the earliest record. Select “No”, when all space is less than the set of disk space , it will stop recording.


	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\



【Record path】 After installed CMS, CMS will test the hard disk in device automatically, and display in the list, default to D disk.

Note: The CMS can support Max 24 drives, namely memory storage can connect Max 24 hard disk.


2.6.2. Manual Record


Firstly select window, then click  button or right-click window to choose recording. Please check plan of record to see record length and path setting.


2.7. Local Playback


2.7.1. Playback By Time Searching

 When recording playback finished, click it continue to play.

 Stop playing button, when play recording, click it to stop playing.

 Frame button, when play recording, click it to single frame play, click one time, it play one frame image.

 Image capture button, choose play window, click it to capture images to disk.

 Electronic zoom in button, select the button in the process of play recording , then draw the magnified image region in the window.



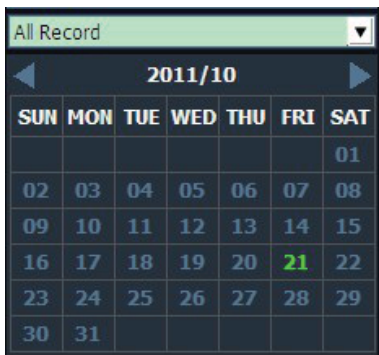
Full screen button, choose this button, the window area will display on full screen, if need to display a single window on full screen, double click the window.



When playback record, please select play speed through drop-down box, default is normal speed.



Voice button, you can choose whether open voice during playing record, default is closed.



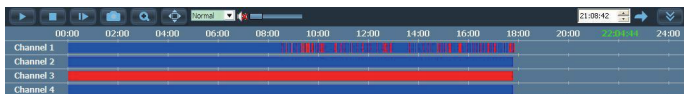
【Record playback retrieval】

Step 1: Choose the Record file format and search time

Step 2: Select the windows that need to playback, and select channel in list tree.

Step 3: If there has files match the condition in time scope, it will display on timeline panel.

Step 4: Double-click the device channel to playback record.



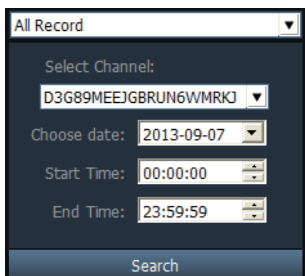
2.7.2. Playback By Searching File

Step 1: Choose the record file format and device channel

Step 2: Select the search time and click “search” button, the system will display the eligible record file in the device tree.

Step 3: Select playback window and double click record file to playback record.

File playback support the same record file playback in four windows at the same time.



The screenshot shows a search interface with a dark blue background. At the top, there is a dropdown menu labeled "All Record". Below it, the text "Select Channel:" is followed by a dropdown menu containing the text "D3G89MEEJGBRUN6WMRKJ". Underneath, the text "Choose date:" is followed by a date selector showing "2013-09-07". Below that, the text "Start Time:" is followed by a time selector showing "00:00:00". Finally, the text "End Time:" is followed by a time selector showing "23:59:59". At the bottom of the interface is a blue button labeled "Search".

2.8. Parameter Setting

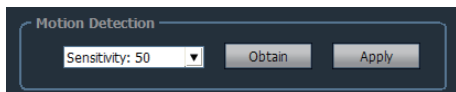
Before modify device parameters, please click the device that need to modify parameter in the parameter setting page.

2.8.1. Motion Detection

Set the motion detection sensitivity:

Step 1: In the device list, select the device that need to modify

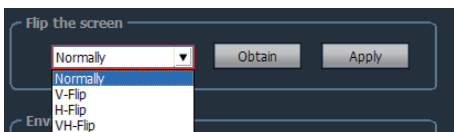
Step 2: Select the sensitivity of device (1-100 adjustable), click setting



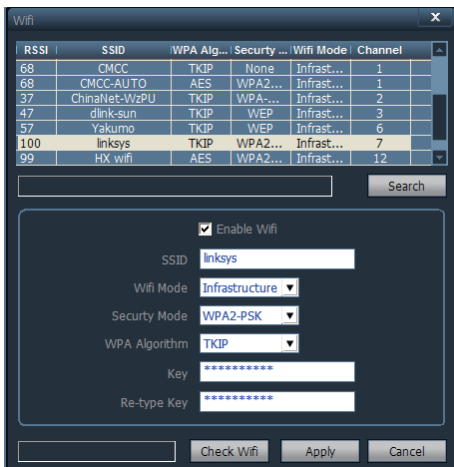
The screenshot shows a "Motion Detection" parameter setting interface. It features a dropdown menu labeled "Sensitivity: 50". To the right of the dropdown are two buttons: "Obtain" and "Apply".

2.8.2. Flip The Screen

It can set four image: normally, V-Flip, H-Flip, VF-Flip.



2.8.3. WIFI



He step of setting WIFI:

Step 1: Select enable WIFI, click search WIFI signal

Step 2: Double-click the SSID of WIFI using

Step 3: Input WIFI password key

Step 4: Click "setting" button, then click check WIFI, restart the device

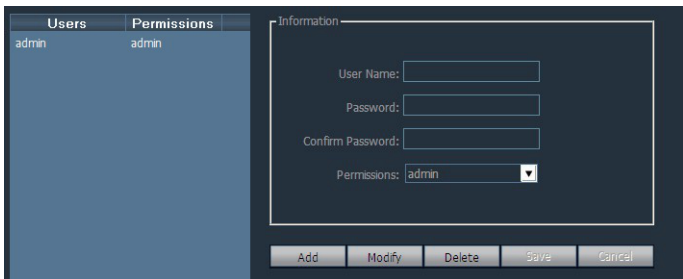
2.9. User Management

The factory default administrator user of the device is admin, password is empty. After log in by administrator, he can add user, delete user and set user permission. User permission has three types: admin, user, guest.

Admin permission: can undertake device management, user management, video surveillance, record playback, map Settings, log query, switch users and exit from the client.

User permission: can undertake video surveillance, video playback, map Settings, log view, switch users and modify password.

Guest permission: can undertake video surveillance, switch user and modify password.



The screenshot displays a user management interface. On the left, there is a table with two columns: 'Users' and 'Permissions'. The table contains one row with 'admin' in the 'Users' column and 'admin' in the 'Permissions' column. On the right, there is an 'Information' form with the following fields: 'User Name' (text input), 'Password' (text input), 'Confirm Password' (text input), and 'Permissions' (dropdown menu with 'admin' selected). At the bottom of the form, there are five buttons: 'Add', 'Modify', 'Delete', 'Save', and 'Cancel'.

Users	Permissions
admin	admin

Information

User Name:

Password:

Confirm Password:

Permissions:

Add Modify Delete Save Cancel

2.9.1. Add User

Step 1: After log in by admin permission, select "Settings" in the TAB bar-- "user management".

Step 2: Click "add" button, enter the user name, password and select user permission.

Step 3: Click "save" button, the user added successfully.

2.9.2. Delete User

Step 1: After log in by admin permission, select "Settings" in the TAB bar-- "user management"

Step 2: Choose to delete the user, and click "delete" button

2.9.3. Modify User Permissions

Step 1: After log in by admin permission, select "Settings" in the TAB bar-- "user management"

Step 2: Select the user and click "edit" button

Step 3: Select the user permission and click "save" button

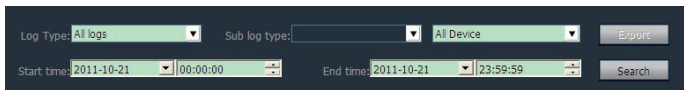
2.9.4. Modify User Password

Step 1: In the TAB bar, select the "Settings"-- "user management"

Step 2: Select the user and click "edit" button

Step 3: Enter a new password and click "save" button

2.10. Logs



Log type:

【All logs】 Record all information of system

【System log】 Record the user login, exit, and user configuration, etc

【Operation log】 Record all operation information from users

【Alarm log】 Recording device alarm information

2.10.1. Log Retention Time

Step 1: In the tab bar, select the "Settings"-- "other Settings".

Step 2: Select time in log retention time, one month, two month,three month, six month optional, and click "save" button.

2.10.2. Log Query

Step 1: Select a log type and sub log type.

Step 2: Choose the device to view log, default is all devices

Choose the start time and end time of querying log and click "search" button.

2.10.3. Log Backup

Step1: Select a log type and sub log type.

Step 2: Choose the device to view log, default is all devices.

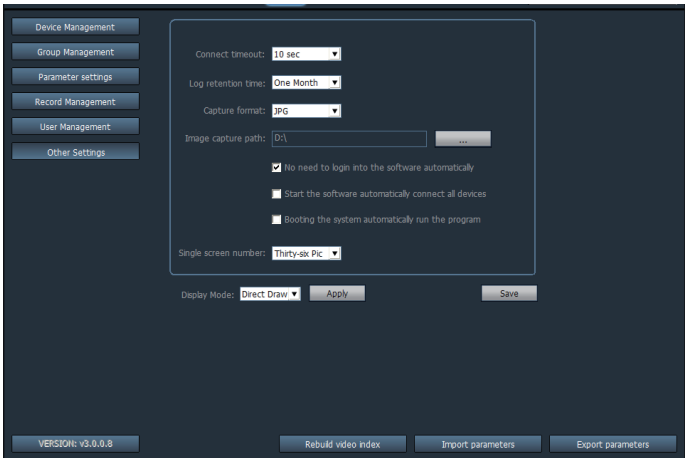
Step 3: Choose the start time and end time of querying log and click "search" button.

Step 4: Click the "export" button, and choose the path of backup.

Note:

1. When backup log, you must search log firstly, then backup.
2. The export log format is Excel format.
3. Each excel table only can save 5000 pieces log, if the quantity exceed 5000, the left log will form another excel table, and so on.

2.11. Other Settings



【Connect timeout】 Connection timeout 5-60 seconds can be set.

【Log retention time】 It has a month, two months, three months, six months four options, the CMS logs in the set period of time can not be deleted.

【Capture format】 It refers to the CMS captured image format, capture format: JPG and BMP available.

【Image capture path】 It refers to the CMS capture save path

【Booting the system automatically run program】 When start Windows, it uploads monitoring software automatically. If you don't choose, it doesn't start.

【Single screen number】 It can set maximum number of single screen: 16 pictures, 25 pictures, 36 pictures (need to restart the software to work).

【Display mode】 Direct Draw means graphic rendering, Direct 3D means 3D rendering.

【Password】 You can set the default password when added device.

【Save】 Modify the parameters, then click “save” button, thus can take effect.

【Export parameters】 Export all set parameters from CMS (backup all configuration parameters).

【Import parameters】 import all exported setting parameters to another CMS, restore all configuration parameters (the version of two CMS must keep the same, otherwise it may occur exception.)

【Rebuild video index】 Delete the video database index file, rebuild video database index file .