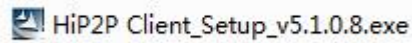


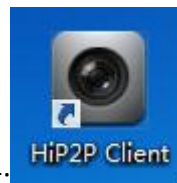
1. PC Client User Manual

(Please note this user manual only for ip camera that P2P ID start with ZZZZ)

1.1 Please install PC Client (CMS software) in computer, you can find the file in CD:

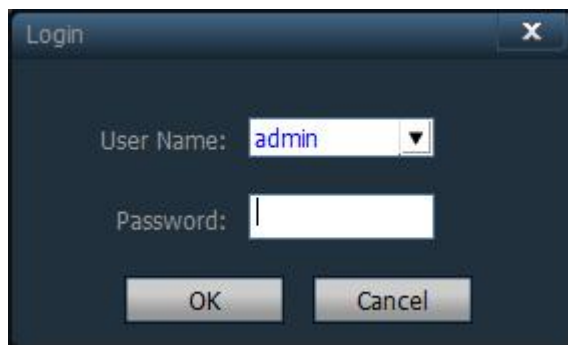


then install it.



1.2, After install,you can find the icon and open it:

1.3.Login and Introductions



Login in: Click the PC Client,the windows come to the interface of login in ,default user name "admin" , password is empty,click"OK" enter into the client 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 authorized user name and password.


1.4.Instructions of interface




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

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

System Button List

 Hidden button,Click it to make the window hide into system tray

 Maximize button,Click it the CMS window will cover full screen

 Exit Button,Click it will pop up Exit Reminder

Tab bar



Click it to preview the videos.



Automatically add the cameras (All the cameras will be added which share the same router)



Click it to replay the recording videos.



Click it to remote playback interface.



Click it to Setting interface



Click it to Logs operation



logout&Switch User



Exit App

Device List

【Region】

According to user configuration to show area,setting,and channel

【Current Screen】

Display the connected device.

Real-Time preview



Digital Zoom button,click it then choose the screen area you want to magnify.




Talk button.Choose the device you want to talk,then click this button.

As the windows status bar come to ,the talk function is made successful.


(only one device can be made talk at the same time).



Audio monitoring button,click it will open the audio function,as the window status

bar come to , the audio is made successful. Click it again to close it. Multiple devices can be monitored at the same time.



Record button,choose the video you want to record,then click this button,as the window status bar come to ,the recording is beginning. Click the button again will close recording.



Capture button,choose the image you want to capture,then click this button, the snapshots will be made. 2 photos can be captured at 1 second at most.



Button of Muti-image screen,click it to choose multi-image display, 1,4,6,8,9,16 image optional.




Full screen button,click it to display the real-time preview area full screen.



The list roll of Alarm information,click it to show the alarm information and hidden it.

1.5 Device management

Before using the CMS, you need to add device and make configuration. Click , enter into device management interface.

【Region List】 When software run initially, default Region list is empty. Click “add area” button, pop-up “add area” dialog box. After filling area name, click “ok”, a subsidiary area will be made.


Note: up to 128 area scan be added at present.



- 1, Add Area: Add area into device tree
- 2, Modify Area: Modify the name of selected area
- 3, Delete Area: Delete the selected area
- 4, Input UID: Add device manually by UID number.
- 5, Modify Device: Edit device
- 6, Delete Device: Delete selected Device
- 7, Add: Add the searched devices to selected area
- 8, Search: Click it to search the devices in LAN
- 9, Select All: Select all searched devices.


Add devices

(1). Add device in LAN

Click "Search", all the devices in LAN will come out, then tick the device needed to add from this search list, and choose the area you want to add to, click 

to add the device successful.

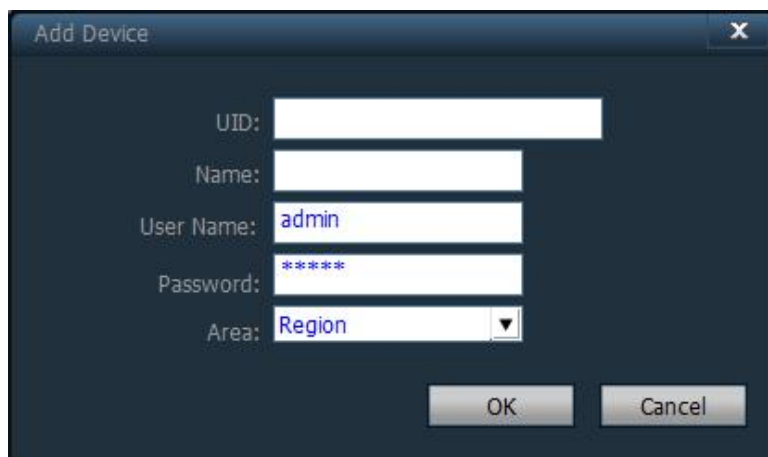
(2).One-Click to Add devices

Click  button,all the device in the same LAN will be automatically added and connected.



(3).Add devices manually

Click  will pop-up below dialog box:

The screenshot shows a dialog box titled 'Add Device'. It has five input fields: 'UID:' (empty), 'Name:' (empty), 'User Name:' (containing 'admin'), 'Password:' (containing '*****'), and 'Area:' (a dropdown menu showing 'Region'). At the bottom, there are 'OK' and 'Cancel' buttons.

UID: device UID number,each camera owns a unique UID number.

Name:The name of the device,can be customized.Device name can enter 15 characters at most.(Note:After input a name,the name will instead of UID number to display in the main device region list.)

User Name:the user name of the device,default is"admin".

Password:The password of the device,default is admin"

Area:The area of device belonged to,choose the area you want to add device then click"OK" .

1.6:Image&videos Preview

After devices configuration,click the "preview" in the TAB bar,return to main interface, the device tree default in the form of list tree,click the "group" and "list" can switch group and list information.The default screen display is 4 image segmentation,can max up to 16 images segmentation ,the more pictures , the host is corresponding to

upgrade, if use 16 images, it is recommended to use more than i3 CPU with dependent video card.

Warm prompt :if display back scree and the picture failed show,try to upgrade the graphics card driver.




Display image Instruction:




It indicates this channel haven't connected any device.If connected,OSD information will be displayed.





Talk button,when the icon becomes ,it means the talk function is on. Otherwise it is off.





Voice monitoring,when this icon becomes , it means the voice monitoring is beginning,otherwise already stopped.

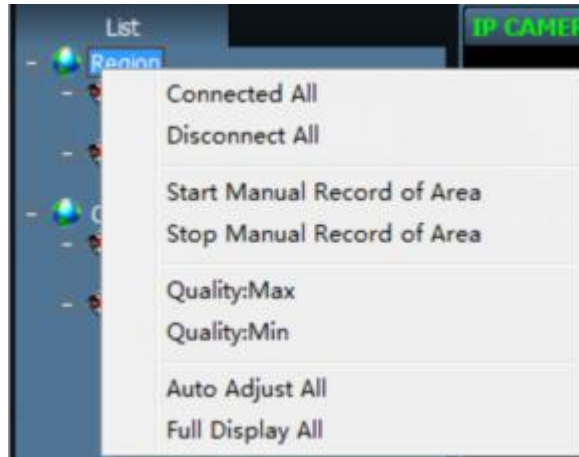


Videos status.When this icon becomes ,it means the videos is manually recording ,otherwise means this channel is recording as configuration.

Double-click the device name in list mode,or drag the UID on the window to display images.If connect successful,there is a blue triangle  show behind the UID or

device name,if status as ,it means the device is not connected. If the device is showing  , means channel is video recording.

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



[connected ALL] Connect devices in selected area

[Disconnect All] Disconnect the 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] Max, Middle and Min optional, according the internet environment to choose the suitable image quality.

[Auto adjust all] Adjust image display ratio automatically in select area

[Full display all] The device images display in select area as the size of segmentation picture.

Note:the device is still in the connection state after close the screen image display,and the videos recording keep same as before configuration.

1.7.PTZ control

1.7.1.PTZ control

You can control PTZ rotation to eight different directions by direction key.



Aperture enlarge button



Aperture shrink button



Zoom in button



Zoom out button



Focus in button



Focus out button

Note:Above function can just be made the lens of camera support

1.7.2.Preset Setting

The CMS can support Max to 128 preset points. (It depends on how many preset points camera supports)

[Preset setting]Choose the device that need to set preset,then select preset number, click “set” button, preset point set successfully.

PRESET		
NO.	PresetName	
001	Preset001	
002	Preset002	
003	Preset003	
004	Preset004	
005	Preset005	
006	Preset006	
007	Preset007	
		<div>Goto</div> <div>Set</div> <div>Del</div>

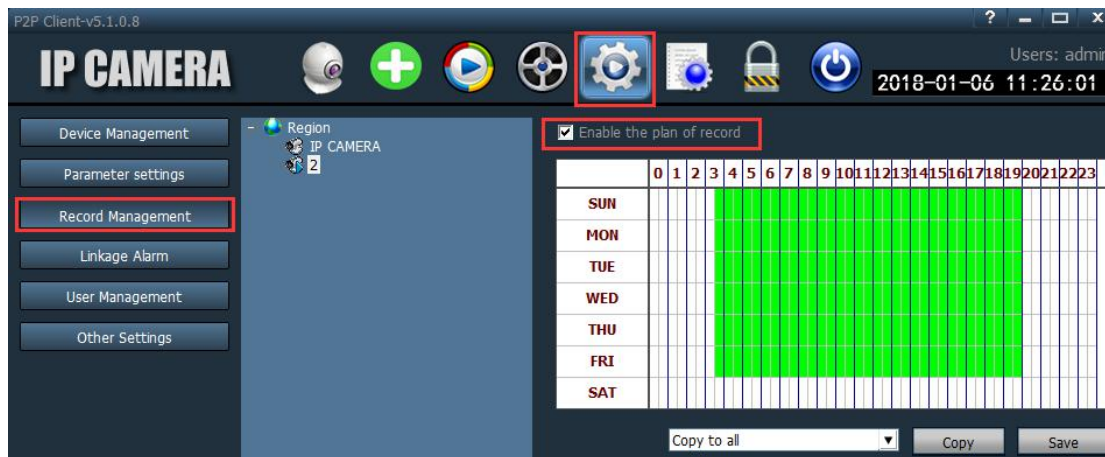
[Go to preset]Choose the window that need to call preset,then select the preset number,click"Goto"button,before"goto"you must set preset firstly.

[delete preset]Choose the window that need to delete preset,then select the preset,click"delete"button,thus preset deleted successfully.

1.8.Record Management

1.8.1.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.

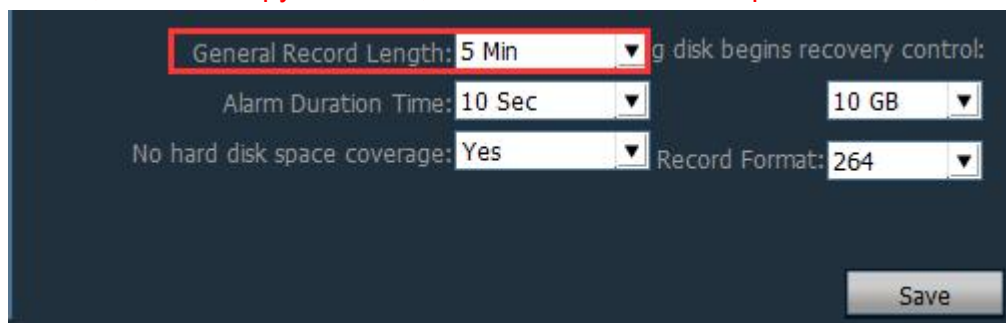


[Enable the plan of record] Choose channel, then click the left mouse to drag a green block in the schedule, as above shown; green area is the time bucket that enabled plan of record. After setting time bucket, click save.

[Close the plan of record] Cancel the tick in enable plan of record, click save, cancel green block in schedule and click save.

The method of canceling green block: only need to click left mouse and drag mouse, the green block can be canceled.

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



[General Record Length] The system default record length is 5 minutes for a single recording file. The file can set 1-30 minutes (Please refer to above picture).

[Remaining disk begins recovery control] The scope is 1G-50G optional, when disk space is less than set range, it will skip to another disk or delete earliest recording files (default recycling is 10GB).


[Recording format] Supports 264 and AVI recording formats. If recording 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 recording. Select "No", when all space is less than the set of disk space, it will stop recording.

	Disk	Total size(GB)	Available size...	Path	
<input type="checkbox"/>	C:\	50.007	17.095	C:\TRecord\	
<input checked="" type="checkbox"/>	D:\	61.015	11.206	D:\TRecord\	
<input type="checkbox"/>	E:\	61.015	8.193	E:\TRecord\	
<input type="checkbox"/>	F:\	60.846	9.938	F:\TRecord\	



[Recording path] After installed CMS,CMS will test the hard disk in device automatically and display in the list, default to D disk.

1.8.2.Manual Record

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

Note:

(1).The CMS can support Max 24 drives,namely memory storage can connect Max 24 hard disk.

(2).Display screen show ,means the channel is in"plan of record",if how  means the channel is in"manual record".

1.9 Local playback

1.9.1.playback by time searching



"Play" button.when recording playback finished,click it continue to play.



"Stop" 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 image. to disk.



"Electronic zoom"button,click 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 recording, please select play speed through drop-down box, default is normal speed.



"Voice" button, you can choose open or close voice during playing recording, default is closed.

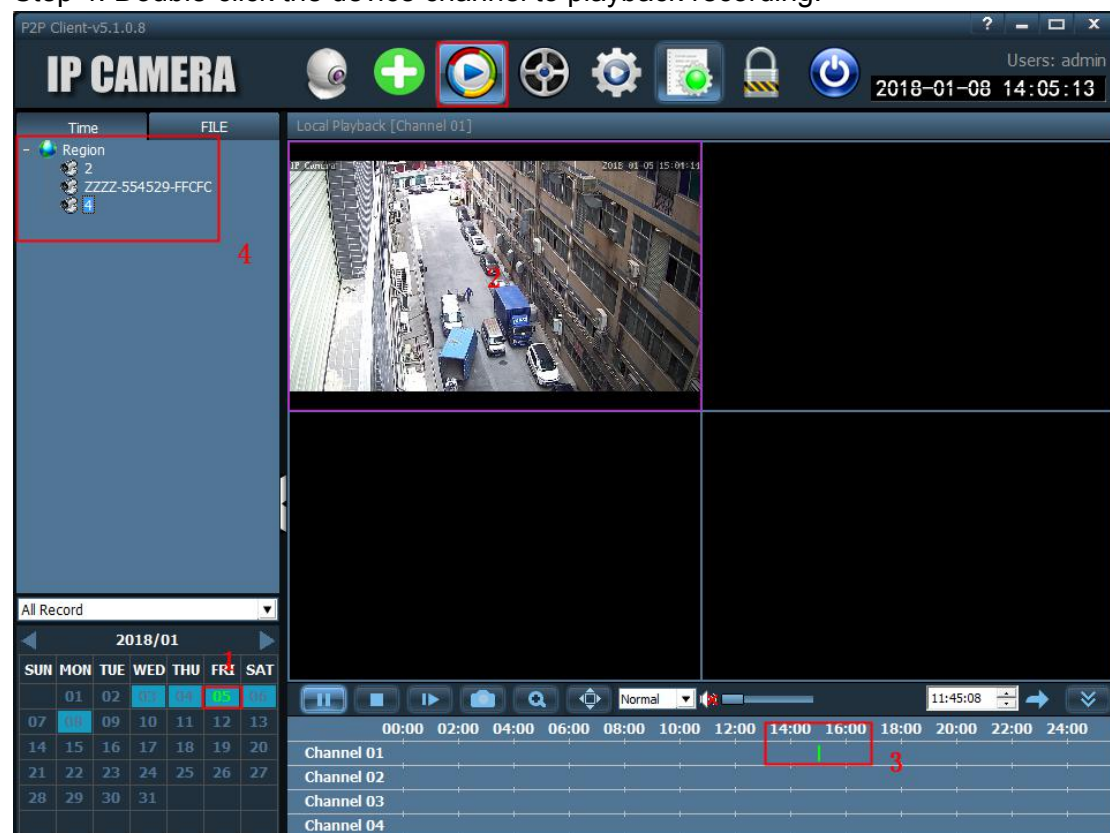
[Recording playback retrieval]

Step 1: Choose the Recording file format and time.

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

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

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

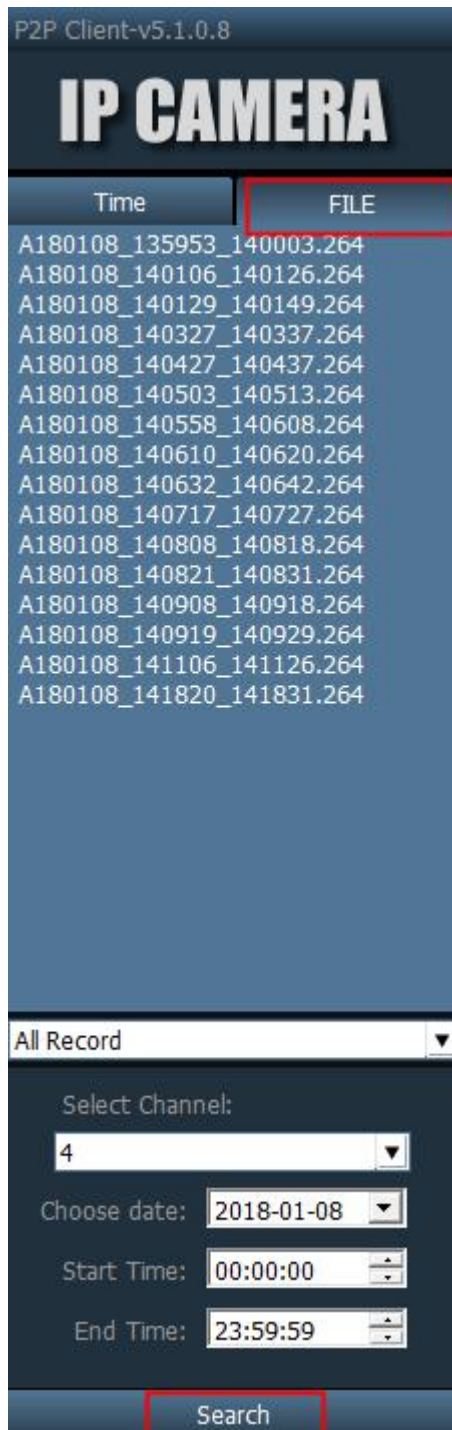


1.9.2.playback by searching file

Step 1: Choose the recording file format and device channel

Step 2: Select the searching time and click "search" button, the system will display the eligible recording file in the device tree.

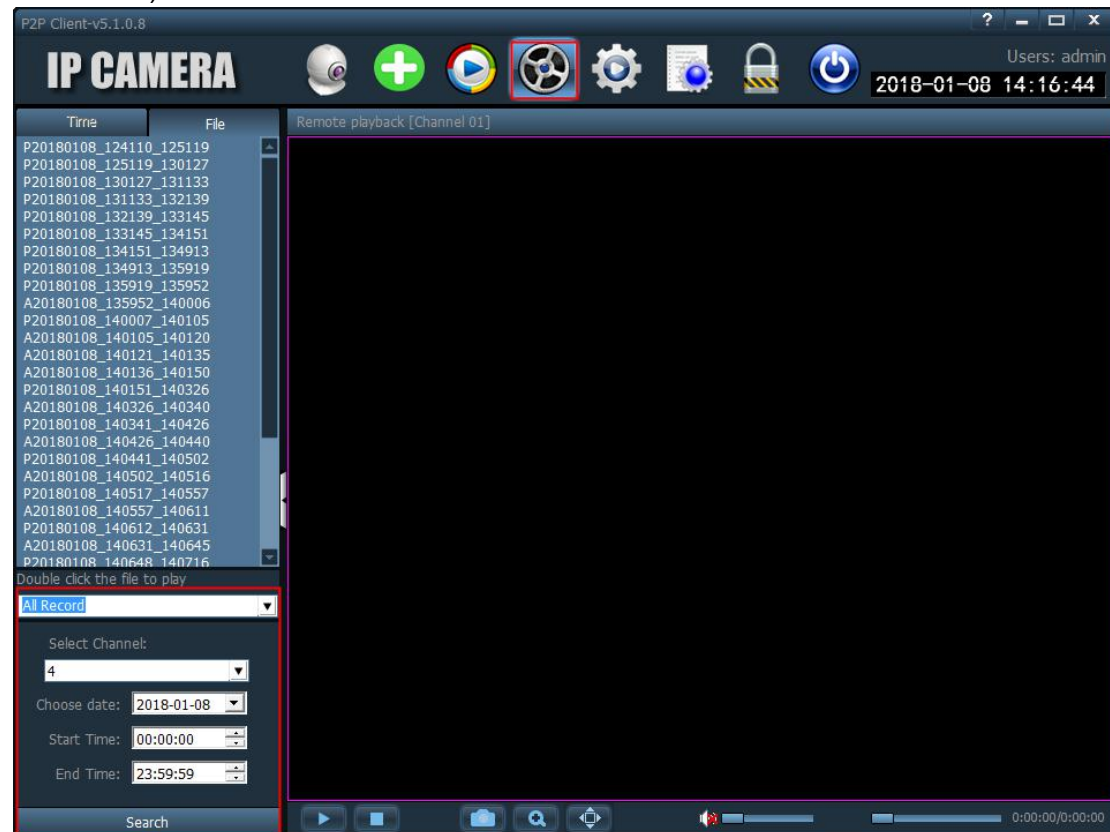
Step 3: Select playback window and double click recording file to playback recording. File playback support the same recording file playback in four windows at the same time.



1.10.Remote playback

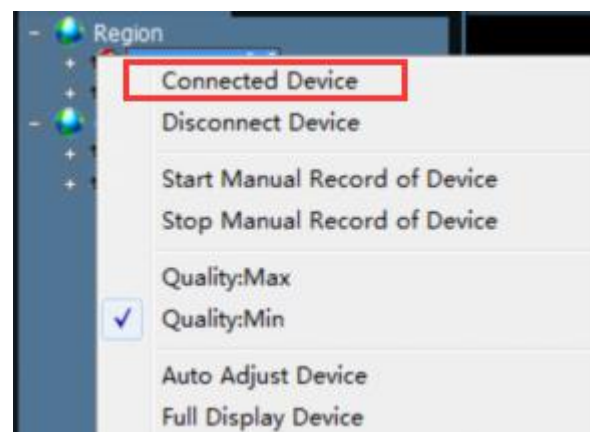
Remote playback the timing video or alarm video saved in the SD card,select the channel,date,start and end time;Then click"search"to playback the videos which saved in the SD card (remote playback just can be successful as the device

connected).

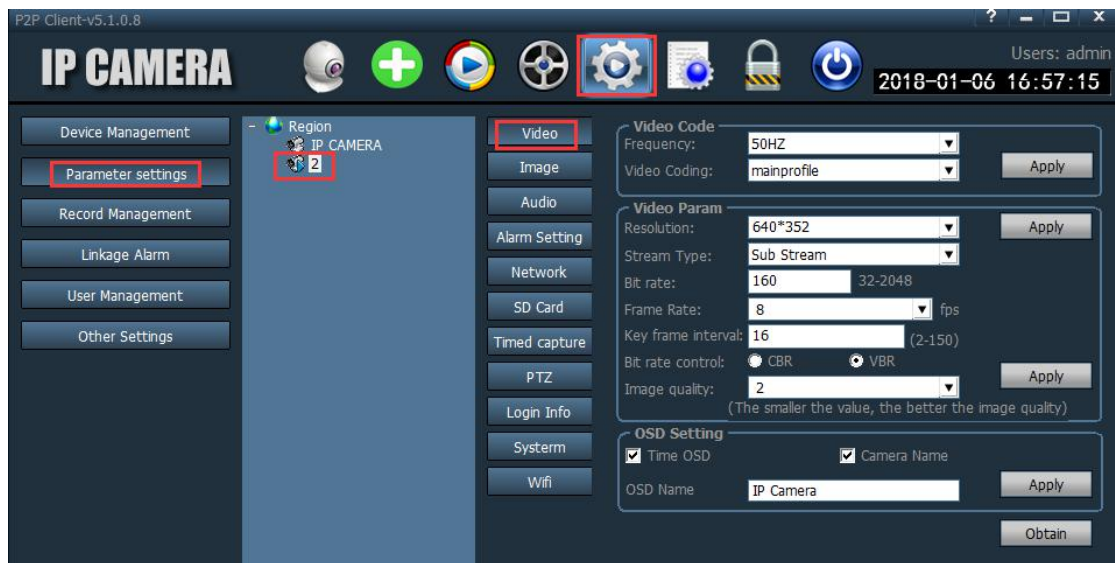


1.11.Parameter Setting

Before modifying the equipment parameters, please connect the related equipment, as shown in the figure below: Connected device.



1.11.1.Video



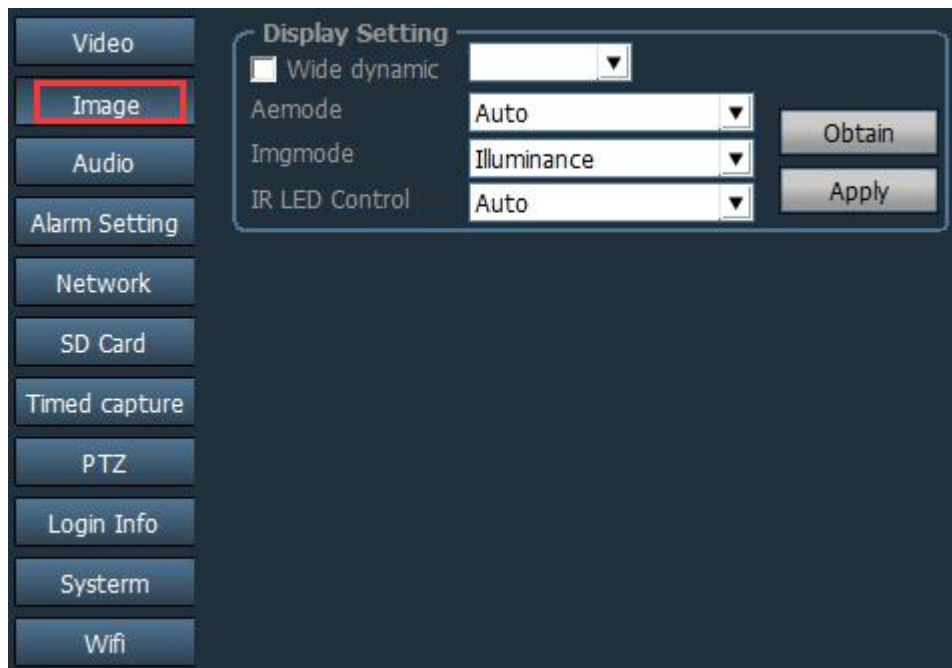
Video code: Can set the Frequency and Video coding.

Video Parameter: Here can set the resolution, stream type, Bit rate, Frame Rate, key frame interval, Bit rate control, image quality of video.

OSD Setting: Set the device name and display time.

Note: if the device connection is HD, the resolution is the main stream, if the connection is the standard definition, the resolution is the sub stream.

1.11.2. Image Setting



Wide Dynamic: As tick the box in front of "Wide dynamic", it means the function open. Default is close.

AE mode: Exposure mode. Auto, indoor, outdoor optional. Default is Auto.

Imgmode: Image quality priority mode. Illuminance and Frame rate optional.
IR LED Control: Auto, on, off optional. If open, it will enter black and white mode.
Otherwise will go to color mode.

1.11.3. Audio

Stream type: Main stream and sub stream optional.

Audio capture: ON/OFF optional. Default is off.

Audio type: G.711 and G.726 optional.

Input mode: Line in, MIC optional.

If choose "Line in", the input/out volume is 15/95. If choose "MIC", the input/out volume is 80/95.

The screenshot shows a web-based configuration interface with a sidebar on the left and a main settings area on the right. The sidebar contains buttons for Video, Image, Audio, Alarm Setting, Network, SD Card, Timed capture, PTZ, Login Info, System, and Wifi. The 'Audio' button is highlighted with a red rectangle. The main settings area is titled 'Audio Setting' and contains the following fields:

- Stream Type: Sub Stream (dropdown menu)
- Audio Capture: On (radio button selected), Off (radio button)
- Audio Type: G711 (dropdown menu)
- Input Mode: MIC (dropdown menu)
- Input volume: 80 (text input, range 1-100)
- Output volume: 85 (text input, range 1-100)

There are two buttons on the right side of the settings area: 'Obtain' and 'Apply'.

1.11.4. Alarm Setting

Motion Detection

Tick the box in front of Motion detection to open and close it.

Sensitivity: Low, Middle, High optional. Correspondent sensitivity is 25, 50, 75.

Video

Image

Audio

Alarm Setting

Network

SD Card

Timed capture

PTZ

Login Info

System

Wifi

Motion Detection

☐ Motion Detection

Sensitivity

Sound Alarm

Sound Alarm ☐ On ☒ Off

Volume range (1-100)

External Alarm

☐ External Alarm

External Alarm Mode ☒ Normally Open ☐ Normally Close

Alarm linkage

☐ E-mail Alarm and Send with Picture

☐ Save Picture on the FTP Server

☐ Save Video on the FTP Server

☐ Relay Output

☐ Save Picture on the SD Card

☐ Save Video on the SD card

Alarm Preset

Sound Alarm

Sound Alarm: ON/OFF optional.

Volume range: 1-100 optional.Default is 50.

External Alarm:Open/close optional.(Note:just can use for the camera which supports alarm function)

Alarm linkage

Alarm linkage

☐ E-mail Alarm and Send with Picture

☐ Save Picture on the FTP Server

☐ Save Video on the FTP Server

☐ Relay Output

☐ Save Picture on the SD Card

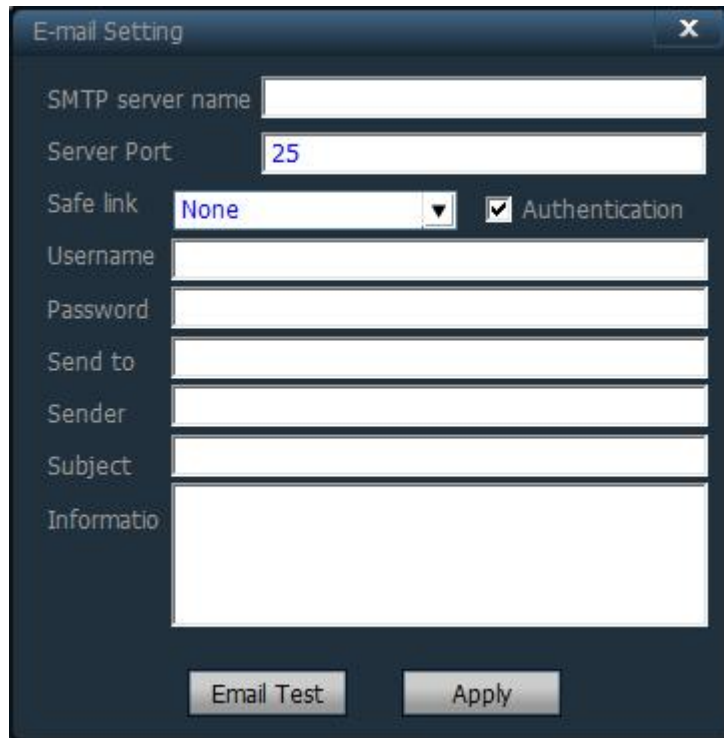
☒ Save Video on the SD card

Alarm Preset

E-Mail Alarm and send with picture;

Save picture on the FTP Server;
Save video on the FTP Server;
Save picture on the SD Card;
Save video on the SD Card;

Email Setting



The screenshot shows a software window titled "E-mail Setting". It contains the following fields and controls:

- SMTP server name: [Text input field]
- Server Port: [Text input field containing "25"]
- Safe link: [Dropdown menu showing "None"]
- Authentication: [Checked checkbox]
- Username: [Text input field]
- Password: [Text input field]
- Send to: [Text input field]
- Sender: [Text input field]
- Subject: [Text input field]
- Informatio: [Text input field]
- Buttons: "Email Test" and "Apply"

Take gmail email for example as follow:

SMTP Server: smtp.gmail.com

Server Port:465

Encrypt Type: SSL

Username: Fill the blank with your email address

password: The password of your email

Sent To: Fill this blank with the email address to receive the alarm snapshots.

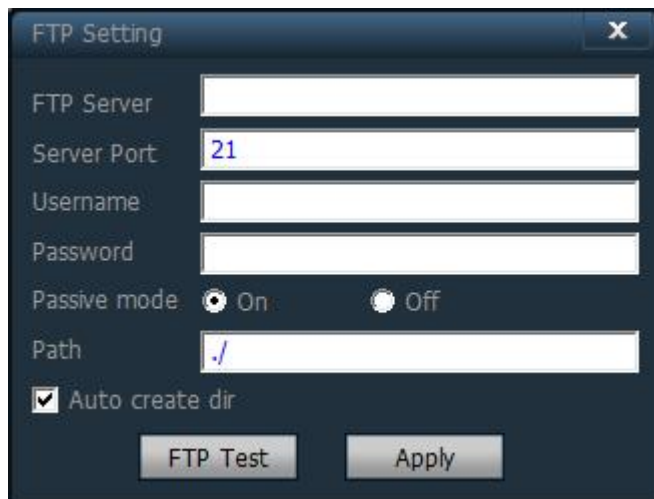
Sender:Fill this blank with the email address which send the pictures.

Warm Prompt:All the email "username", "Send to", "Sender" can be the same email Address. Please ensure the server of IMAP/SMTP&POP/SMTP is ON.

Subject and Message: anything content is ok.

After completed, click "Test" to check the Email setting, if it is successful, click "Apply".

FTP Setting



The FTP Setting dialog box contains the following fields and controls:

- FTP Server: A text input field.
- Server Port: A text input field containing the value "21".
- Username: A text input field.
- Password: A text input field.
- Passive mode: Two radio buttons labeled "On" (selected) and "Off".
- Path: A text input field containing the value "/".
- Auto create dir: A checked checkbox.
- Buttons: "FTP Test" and "Apply".

Server Address: Fill in the blank with the FTP address.

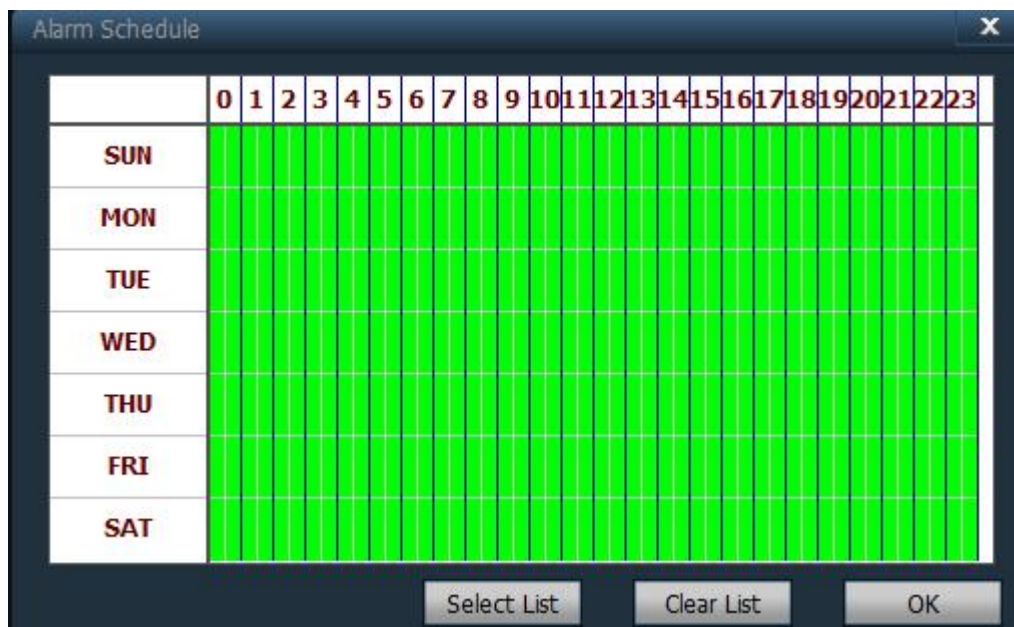
Server Port: Fill in the blank with the FTP port.

User Name: Fill the blank with the username of the FTP server.

Password: Fill the blank with the password of the FTP server.

Auto Create Dir: If tick it, it will create directory automatically. The name of directory is the date time.

Alarm Schedule



The Alarm Schedule dialog box displays a weekly schedule grid. The columns represent hours from 0 to 23, and the rows represent days of the week from Sunday (SUN) to Saturday (SAT). All cells in the grid are highlighted in green, indicating that the alarm is active for all hours of every day. The dialog includes "Select List", "Clear List", and "OK" buttons at the bottom.

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
SUN																								
MON																								
TUE																								
WED																								
THU																								
FRI																								
SAT																								

SUN~SAT show one week from Saturday to Sunday. Half an hour as for the unit.

1.11.5:Network Setting

Network Setting:Network parameter configuration.HDCP Auto/DNS Auto optional to get IP Address.

RTSP Port:Can set RTSP port and RTSP Permission check.

ONVIF Setting:ONVIF ON/OFF,Sever port,time zone setting,image setting etc.

The screenshot shows a web interface for configuring a security camera. On the left is a vertical sidebar with buttons for 'Video', 'Image', 'Audio', 'Alarm Setting', 'Network' (highlighted with a red rectangle), 'SD Card', 'Timed capture', 'PTZ', 'Login Info', 'System', and 'Wifi'. The main area is titled 'Network Setting' and contains three sections: 1. 'Network Setting' with checkboxes for 'DHCP Auto' and 'DNS Auto' (both checked), and input fields for 'IP Address' (192 . 168 . 0 . 182), 'Subnet mask' (255 . 255 . 255 . 0), 'Gateway' (192 . 168 . 0 . 2), 'Primary DNS' (192 . 168 . 0 . 2), and 'Second DNS' (. . .). There is also an 'Http Port' field set to 80. 2. 'RTSP Port' with an 'RTSP Port' field set to 554 and a checked 'RTSP Permission check' box. 3. 'ONVIF' with radio buttons for 'onvif' (On selected), 'Server Port' (8080), 'Purview' (No check selected), 'Time zone Settings' (Allow selected), and 'Image Settings' (Prohibit selected). Each section has an 'Apply' button. At the bottom right is an 'Obtain' button.

1.11.6.SD Card

Enable the plan of record:Tick it to start the plan of record.

Stream Type: Main Stream/Sub Stream/Third stream optional.

Record Length: 15-900sec optional.default is 600sec.

Format SD: Click it to format SD card.Record time setting:right green area is the recording time.

Video

Image

Audio

Alarm Setting

Network

SD Card

Timed capture

PTZ

Login Info

System

Wifi

☐ Enable the plan of record

Stream Type: Sub Stream Record 600 Sec (15~600)

SD card all space 0 MB

SD card available space 0 MB Format SD

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
SUN																								
MON																								
TUE																								
WED																								
THU																								
FRI																								
SAT																								

Select List Clear List Obtain Apply

1.11.7. Timed Capture

If tick "Save picture on the SD Card", the camera will capture a picture each 60s and storage it to the SD card.

If tick "Save picture on the FTP Server", the camera will capture a picture each 60s and send it to the FTP server.

Video

Image

Audio

Alarm Setting

Network

SD Card

Timed capture

PTZ

Login Info

System

Wifi

Timed capture

☐ Save Picture on the SD Card

SD cardsnap interval: 60 sec

☐ Save Picture on the FTP Server

FTPsnap interval: 60 sec

Obtain Apply

1.11.8. PTZ

The setting come with Cruise laps,PTZ speed,Centered while self check, close the alarm PTZ movement, Indicator Display Mode ect.

The screenshot shows a web-based configuration interface with a dark blue sidebar on the left containing menu items: Video, Image, Audio, Alarm Setting, Network, SD Card, Timed capture, PTZ (highlighted with a red rectangle), Login Info, System, and Wifi. The main content area is titled 'Terminal' and contains the following settings:

- Cruise laps: 50 (range 1-50)
- PTZ Speed: Speed:fast (dropdown menu)
- ☐ Centered While Self Check
- ☒ Close the alarm PTZ movement (with an 'Obtain' button)
- ☒ Indicator Display Mode(ON/OFF) (with an 'Apply' button)

1.11.9.Login Info

Can modify the password of the device.

The screenshot shows the same web-based configuration interface, but the 'Login Info' menu item in the sidebar is highlighted with a red rectangle. The main content area is titled 'Modify Password' and contains three input fields for password management:

- Old Password
- New Password
- Check Password

An 'Apply' button is located to the right of the input fields.

1.11.10.System

Network Time protocol:Include the NTP Server,time interval,time zone setting.

Device Info:From here can get the information like Device ID,software version,IP address,MAC address.Reboot and restore the device.

The screenshot displays a web-based configuration interface for a device. On the left is a vertical sidebar with menu items: Video, Image, Audio, Alarm Setting, Network, SD Card, Timed capture, PTZ, Login Info, System (highlighted with a red rectangle), and Wifi. The main content area is divided into two sections. The 'Time Setting' section at the top includes a checked 'Network Time Protocol' checkbox, an 'NTP Server' dropdown set to 'time.windows.com' with an 'Obtain' button, an 'Interval' dropdown set to '1 小时' with an 'Apply' button, and a 'Timezone' dropdown set to 'GMT+8 Beijing,Singapore,Hongko' with a 'Time sync' button. The 'Device Info' section below it lists various system parameters in a table-like format: Device ID (IP Camera), Device Type (C6F0SeZ0N0P3L0), Network connection (Wifi), Current Client (1), Version (V11.6.7.1.1-20170728), Webware Version (E-21.0.720.21), IP address (192.168.0.182), Subnet mask (255.255.255.0), Gateway (192.168.0.2), Primary DNS (192.168.0.2), and Mac address (EC:3D:FD:F8:98:B4). An 'Obtain' button is located to the right of the Mac address field. At the bottom right of the interface are 'Reboot' and 'Restore' buttons.

Time Setting	
<input checked="" type="checkbox"/> Network Time Protocol	
NTP Server: time.windows.com	Obtain
Interval: 1 小时	Apply
Timezone: GMT+8 Beijing,Singapore,Hongko	Time sync

Device Info	
Device ID:	IP Camera
Device Type:	C6F0SeZ0N0P3L0
Network connection:	Wifi
Current Client:	1
Version:	V11.6.7.1.1-20170728
Webware Version:	E-21.0.720.21
IP address:	192.168.0.182
Subnet mask:	255.255.255.0
Gateway:	192.168.0.2
Primary DNS:	192.168.0.2
Mac address:	EC:3D:FD:F8:98:B4

Obtain

Reboot Restore

1.11.11 WIFI

Steps of WIFI setting

Step 1.Click **Wifi**,then click **Search**

Step 2.Double click SSID of WIFI.

Step 3.Input the WIFI password.

Step 4.Click Apply,after it notify successful,click WIFI check.

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.

1.12.1. Steps of Adding User

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

Step 2: Click "Add" to input the user name and password, and choose the permission.

Step 3: Click "save", user added successful.

1.12.2. Delete user

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

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

1.12.3. 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.

1.12.4. Modify user password

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

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

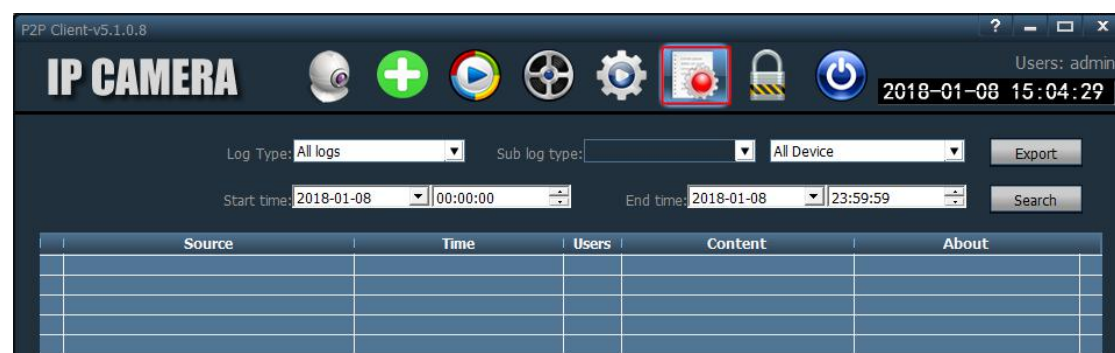
Step 3: Enter a new password and click "save" button.

1.13. Other settings

Connect timeout: 5-60sec optional.

Log retention time: 1/2/3/6 month optional. Clients log won't delete during the setting time.

Capture format: the format of the capture image. There are JPG and BMP format.



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.

Recording device alarm information.

1.14.1.Log retention time

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

Step 2: Select "log retention time",there are 1/2/3/6 month optional.Click save.

1.14.2.Log query

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

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

Step3: Choose the start time and end time of querying log and click"search"button.

1.14.3.Log backup

Step 1: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 remaining log will form another excel table.