

# IP Camera Manual

Before use, please read this manual carefully and keep it for future reference.

**V2.0**

## Instruction

Equipment before use, please read this manual carefully, to avoid the dangers and property losses.

Please note that all of the matters needing attention and then continue to operate:

- 1.The equipment needs a professional installation and avoid wrong operations.
- 2.Before the operation, please check whether the supplying voltage and output voltage matching.
- 3.Avoid getting the equipment fall off or under a heavy hit.
- 4.Avoid touching optics of the sensor directly. Please keep it with the dust cover in case pollute inside when camera is not in use.
- 5.Don't put it in this environment with damp ,dust, extreme hot or cold.
- 6.Note that ensure the security distance from the environment of installation to the electromagnetic equipment, in order to prevent electromagnetic interference.

7. Maintain ventilation to avoid heat accumulation that does harm to the camera.
8. Recommended to use the original package to transport.
9. Keep camera inside dry from any liquid material.

Repair:

Don't attempt to disassemble the product in case of a danger of shock, please contact with the experienced person to repair it.

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## Obligation

All attentions in this description to inform, you find any mistake or others, please contact your local branch or distributor. We have the right to modify any due to printing or technical errors, at the appointed time without prior notice.

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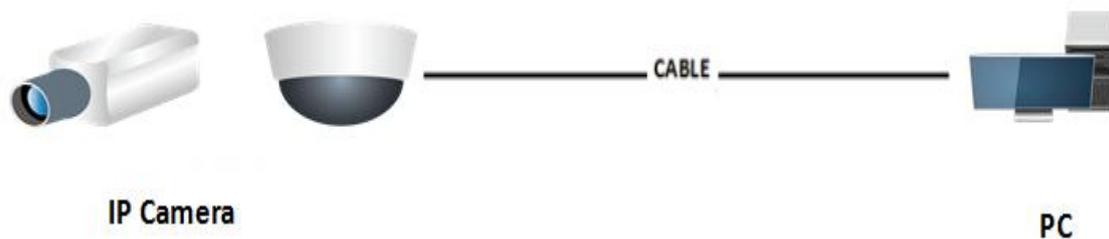
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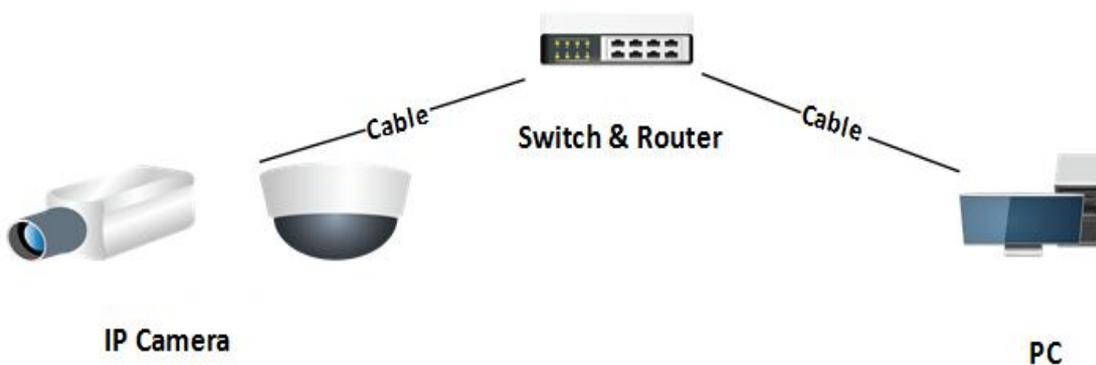
# 1. Device connection & Network configuration

## 1.1. Wired connection

### 1.1.1. Cable connecting



### 1.1.2. Switch connecting



## 1.2. Network Configuration

Firstly you must know the IP address of the equipment before via web visiting. And you can take use of the AutoSearch Tool to get the IP address.

- 1) Extract in the attached CD-ROM and search tool folder , then copy it to the computer store and open up.

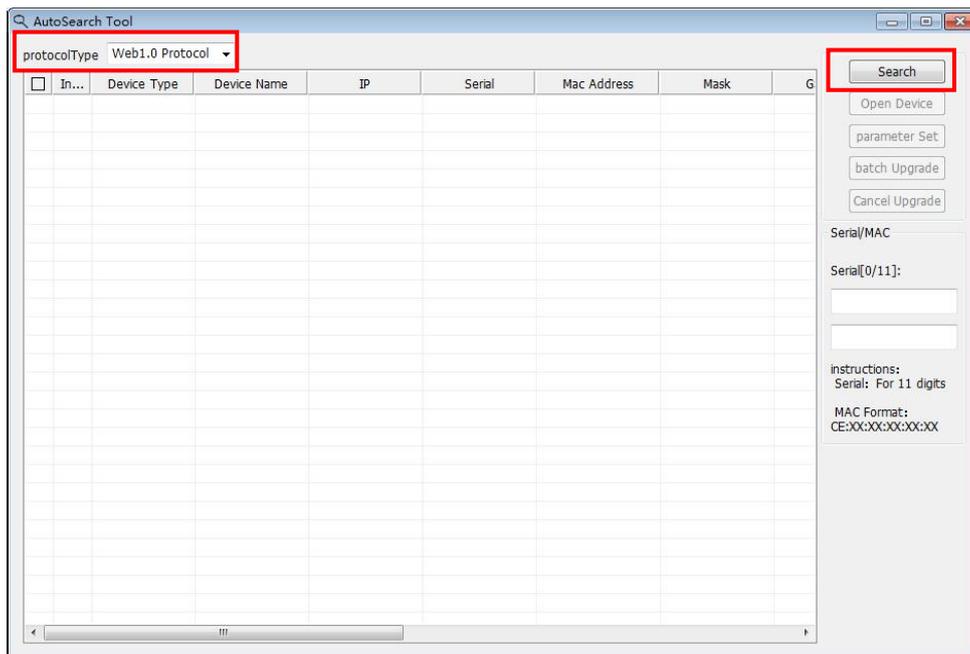
# IP Camera

AutoSearch Tool设备搜索工具\_V2.0.0.2

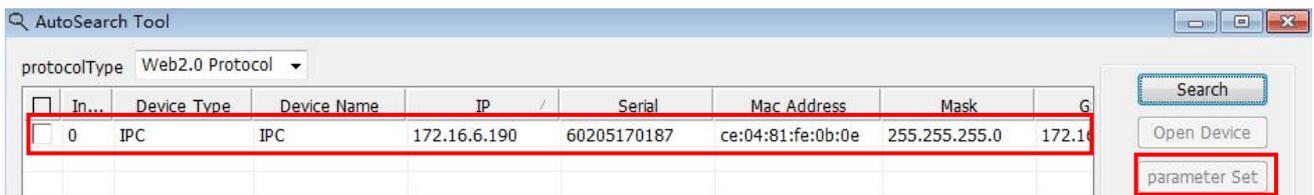
2) Open the folder of AutoSearch Tool and run the tool. ( Suggested to create a desktop shortcut for subsequent operations. )

AutoSearch Tool

After open the tool , choose the right protocol type and click in search button. Then there will automatically display the information of running devices in this LAN , which including device No., Type, IP , Serial No., Mac add., Gateway and Port etc.



4 ) If your network segment of the searched IP differs from your computer' s, you can pitch on the device and click the setting to change.



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According to user' s needs, you can reset the information on Name, IP add. , Subnet mask, Network segment and Port etc. (Original password : 123456) Please confirm it after your setting and then reboot the device .

parameter Set

parameter Set

Device Name: IPC

Serial: 60205170187

Mac Address: ce:04:81:fe:0b:0e

IP: 172 . 16 . 6 . 190

Mask: 255 . 255 . 255 . 0

Gateway: 172 . 16 . 6 . 1

Main DNS: 8 . 8 . 8 . 8

Auxiliary DNS: 8 . 8 . 4 . 4

TCP Port: 9000

Http Port: 80

DHCP:

note: Modify TCP,HTTP port need to Restart to take effect

UserName and Pwd

UserName: admin

Password: .....

Active registration parameters

Reg Enable:

Server Name: 0 . 0 . 0 . 0

Server Port: 9000

UserName: admin

Password: 123456

Register Puid: default

OK Cancel

Notes: default IP : 192.168.1.108 , user: admin, password: 123456

## 2.Login & Functions

### 2.1. Browser login

Support multi-system browser to access in. (IE browser in win7 for example, basic

## IP Camera

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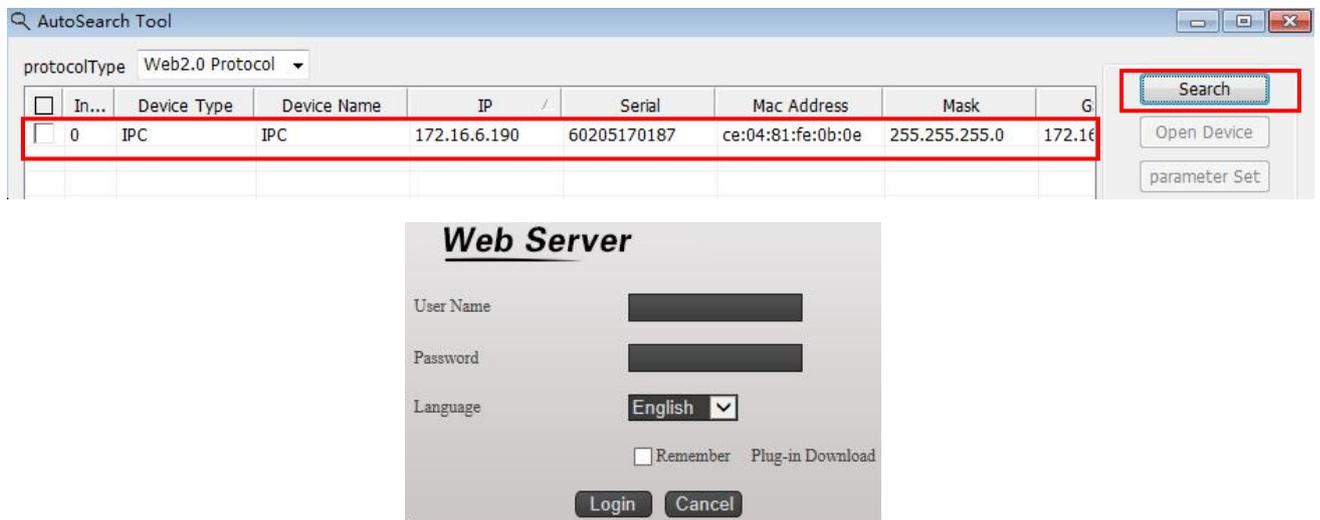
login operations as follows.)

### 2.1.1.IPlogin

Method.1: Type the IP address (DEFAULT : 192.168.1.108) in browser , click Enter and access in the login interface.



Method.2: Run the AutoSearch Tool, click the search and find the device you need, then click login.



**Notes: ActiveX is necessary in the initial login, or you can't login successfully.**

### 2.1.2. Downloading ActiveX

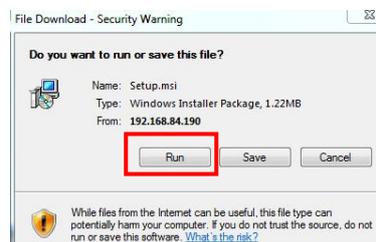
Step.1 : Click in login interface to download.

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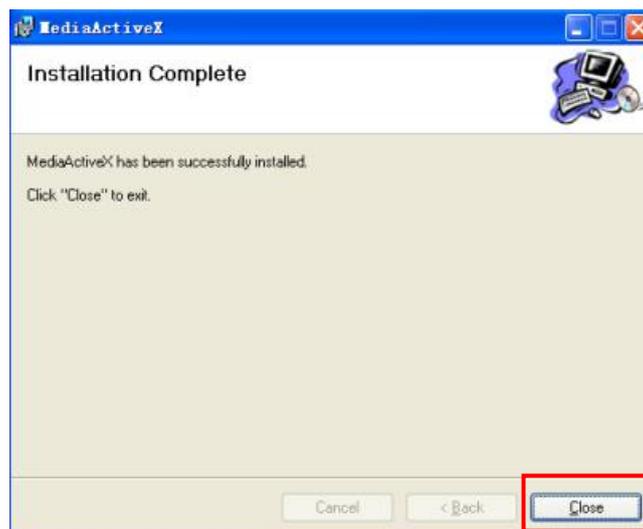
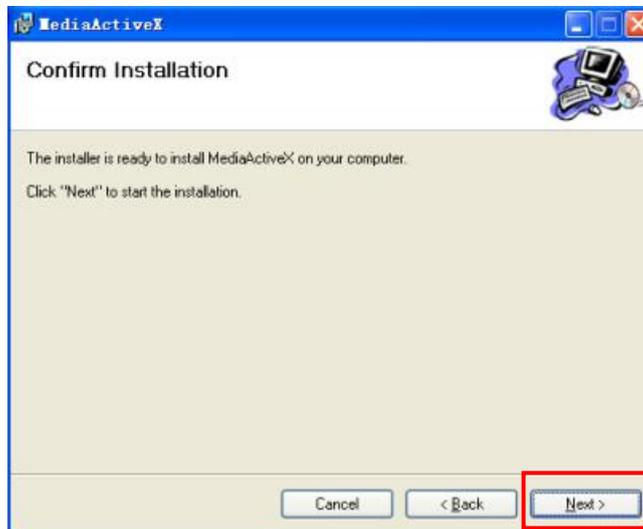
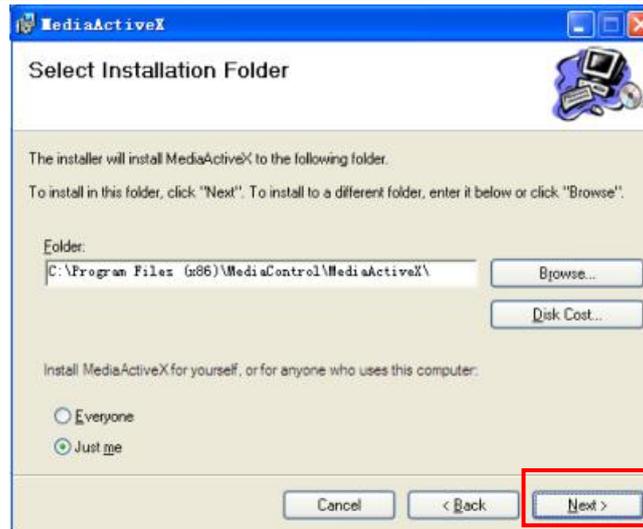


Step.2 :In the pop-up window click " Run" . Also you can save the ActiveX depend on your needs.



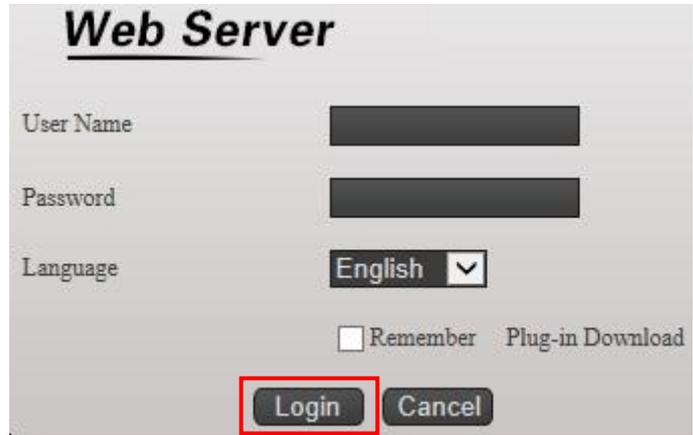
Step.3: Click the " Next" till it reminds installed successfully.





### 2.1.3. Device login

Notes: Please refresh the browser after the activeX installation.

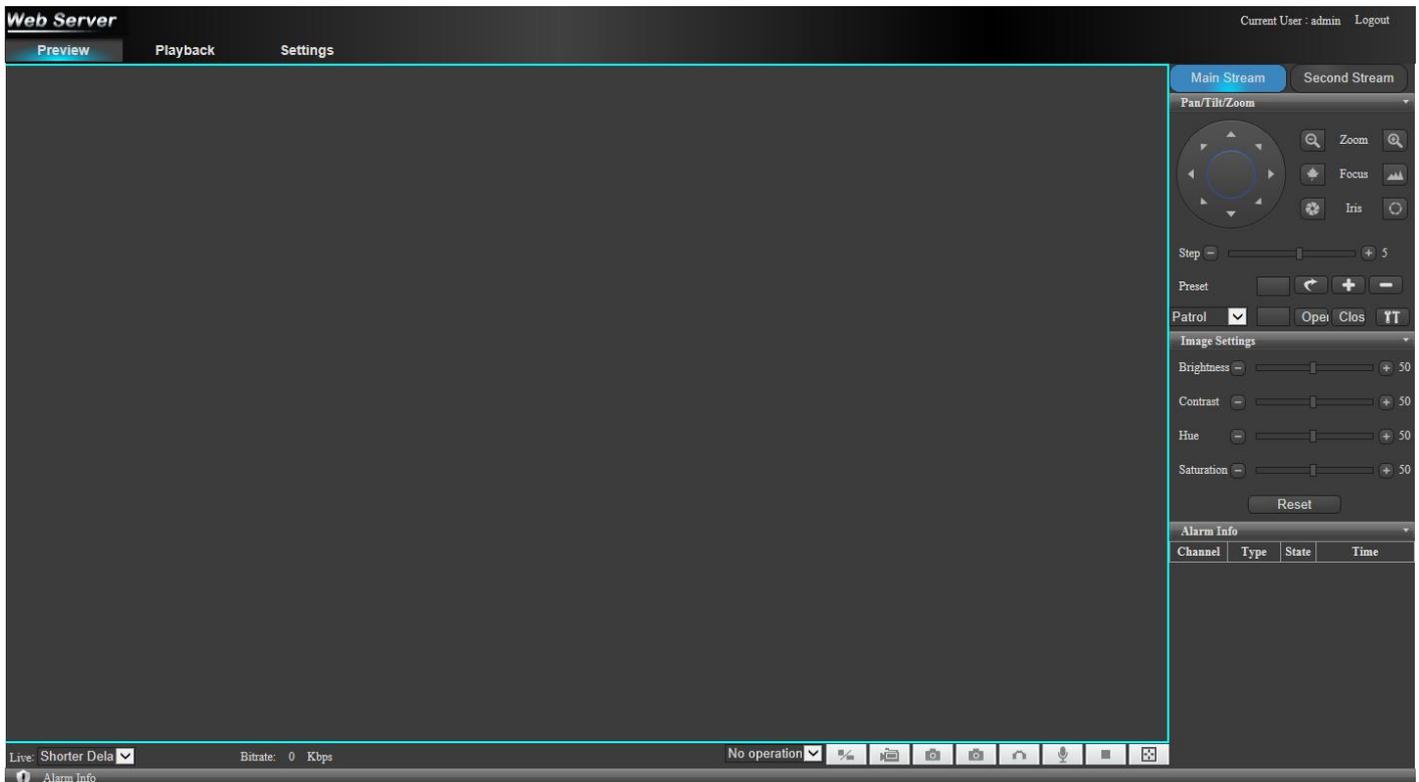


Type in the user: admin, password: 123456. Then click login.



Notes: There are 2 users as "admin" and "guest" in original setting. The user "admin" is authorized to have full privileges while the "guest" has only two operations "preview" and "playback". Both of them can change the password, but privileges can't modify. For the sake of security, please modify your password timely.

## 2.2. Preview



### Preview the functions of UI.

2.2.1. **Current User : admin Logout**

Current user and logout

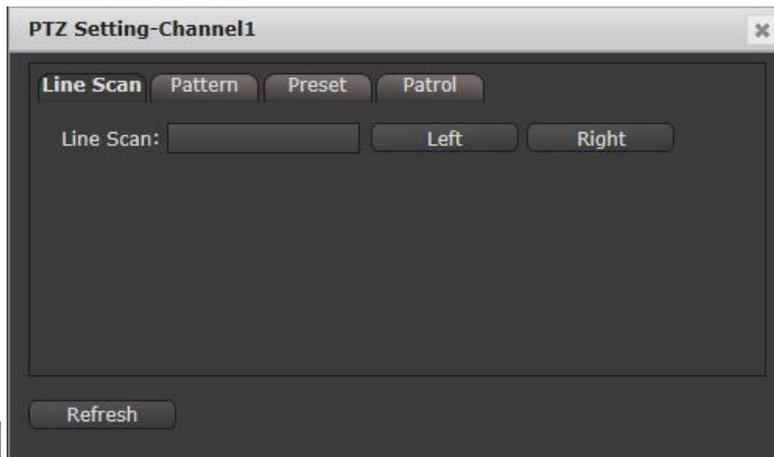
2.2.2. **Main Stream Second Stream** : Code stream

Main stream &subcode

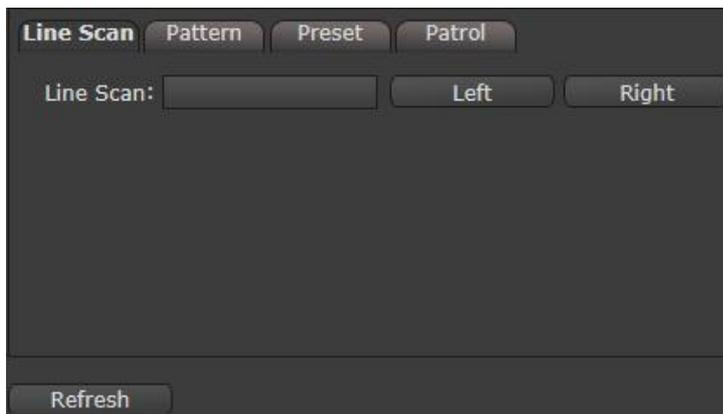


**2.2.3. PTZ control**

- 1)  : Arrow key Controlling 8 directions in PTZ
  - 2)  : Zoom "Zoom out" or "Zoom in"
  - 3)  : Focus Focus in "+" or "-"
  - 4)  : Aperture Control "+" or "-"
  - 5)  : Length Justify length on "+" or "-"
  - 6)  : Preset points Type in the No. on what preset point you want.
  - 7)  : To preset points Rotate PTZ to the preset point.
  - 8)  : Add preset points Add preset points setting
  - 9)  : Delete preset points Delete preset points setting
  - 10)   : Pull-down menu as Cruise unit, Linear scanning, Self-learning, Horizontal rotation, Auxiliary switch.
  - 11)  : Text filed
- Enter the number of the Cruise unit and linear scanning etc.
- 12)  : Switch On and off

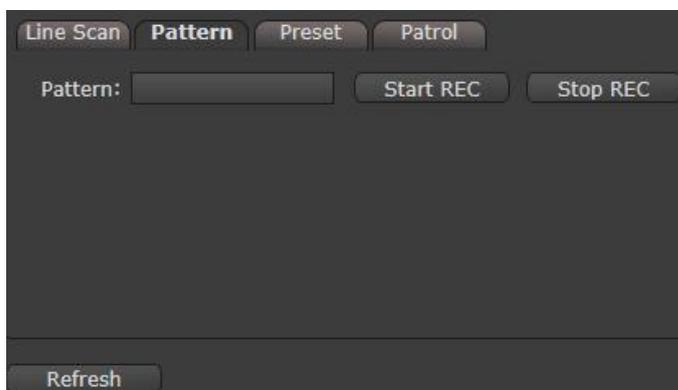


13 )  : The menu of the PTZ configuration



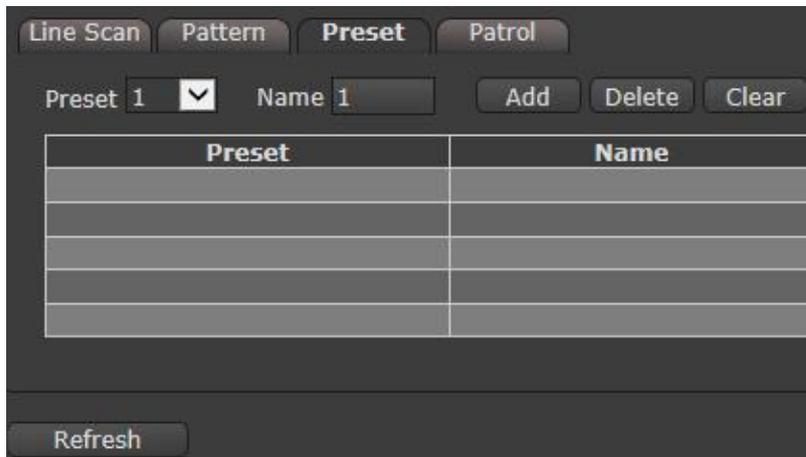
: The menu of scanning

Enter the number of linear scanning, left and right border setting.

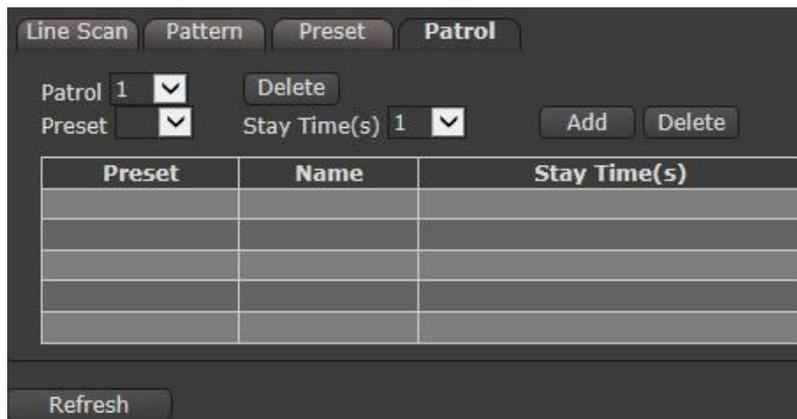


:The menu of self-learning

Enter the number of self-learning, start recording and stop recording.

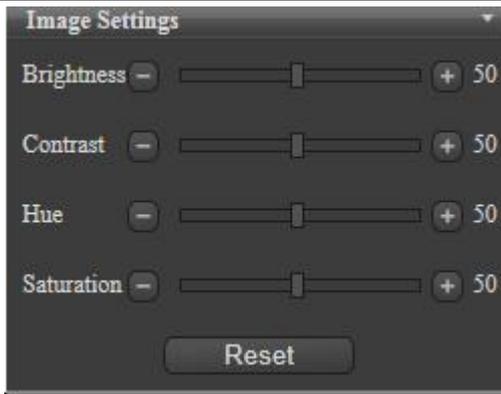


: The menu of preset To set the Preset points, name, add, delete and clear ( 255 preset points).



: The menu of cruise unit To set the cruise unit, delete unit, preset point, dwell time, add and delete( 8 cruise unit , 255 preset point , 254 sec of dwell time)

## IP Camera



### 2.2.4. : The menu of image setting

For brightness, contrast, chroma, saturation on a scale of 0-100 to set up, and reset the Settings.



### 2.2.5. : Alarm information

Display the alarm information and status.

### 2.2.6.

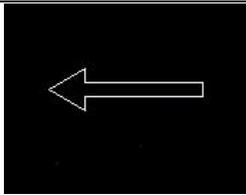


1 ) **Live: Default** : Fluency

The level of fluency, most real-time, the real-time, real-time, fluent, the fluent, most fluent

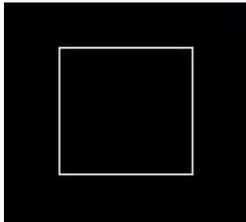
2 ) **No operation** : Pull-down menu

For rapid PTZ, Region zoom.



: Rapid PTZ

Press the left key of the mouse and drag the cursor to control to up and down, left and right .



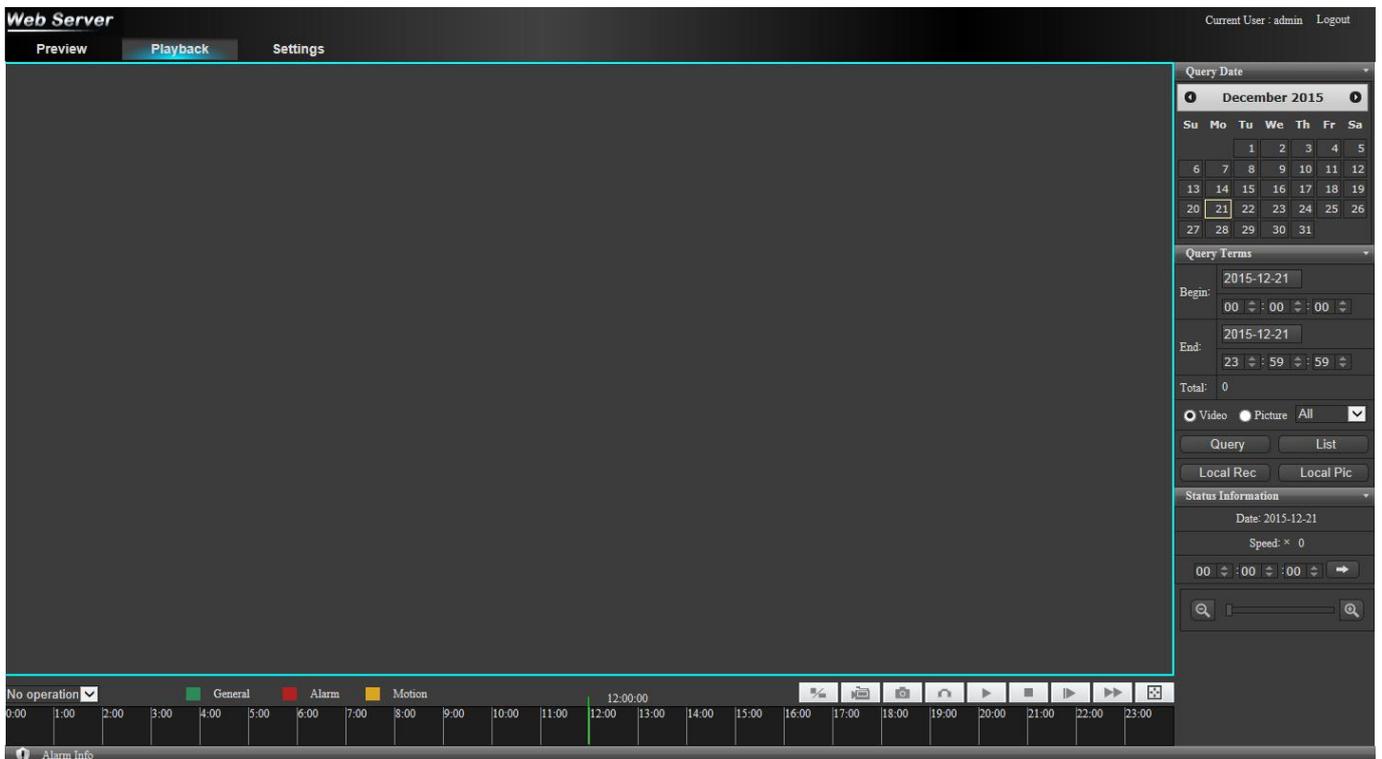
: Region zoom

Press the left key of the mouse and drag the cursor to zoom in or out, cancel in the opposite direction.

- 3 )  : Geometric display Full screen and original display
- 4 )   : Local recording On or off
- 5 )  : Local snapshot Screen snapshot
- 6 )  : Front snapshot The front screen snapshot
- 7 )  : Intercepting To intercept the front equipment
- 8 )  : Audio intercom Both ways intercom
- 9 )  : Stop the preview Shut down the preview
- 10 )  : Full screen Preview in full screen
- 11 )  : Alarm information

Alarm information scrolling tips

## 2.3.Playback

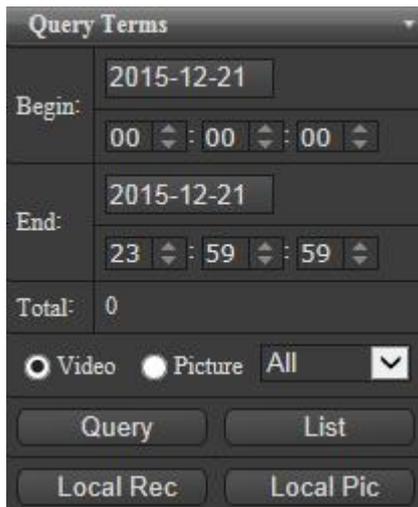


The interface of playback :

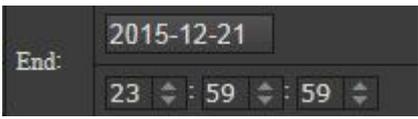


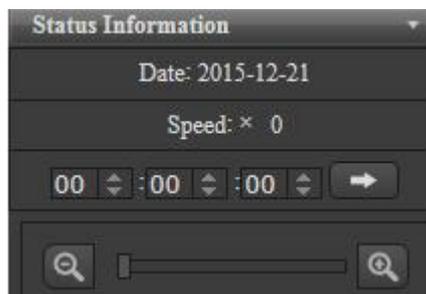
2.3.1. : Searching on date

To select the corresponding date of the calendar

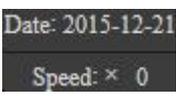


2.3.2. : Conditions of query

- 1)  Select the start of time and time
- 2)  Select the end of time and time
- 3)  Select the image or record
- 4)  Query and listing button
- 5)  Open the local record and local image

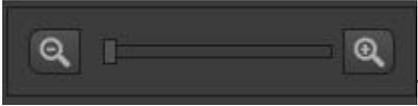


2.3.3. : state information

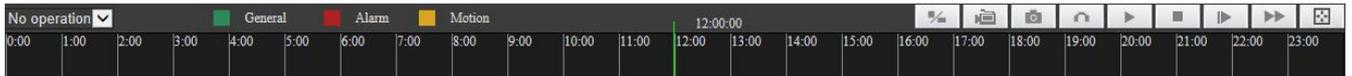
- 1)  Date and speed

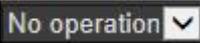
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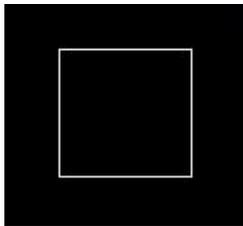
2)  Play on schedule

3)  Timeline control

### 2.3.4



1)  : Pull-down menu To select the region to zoom in or out



: Region zoom

Press the left key of the mouse and drag the cursor to zoom in or out, cancel in the opposite direction.

2) 

Distinguish types of records on color

3) 

Timeline, choose the specific time to play back

4)  : Geometric display Full screen and original display

5)  : Local recording

On/ off , ( This function in the playback interface is in the current video broadcast video footage ) .

6)  : Local snapshot

This function in the playback interface is the current video of image

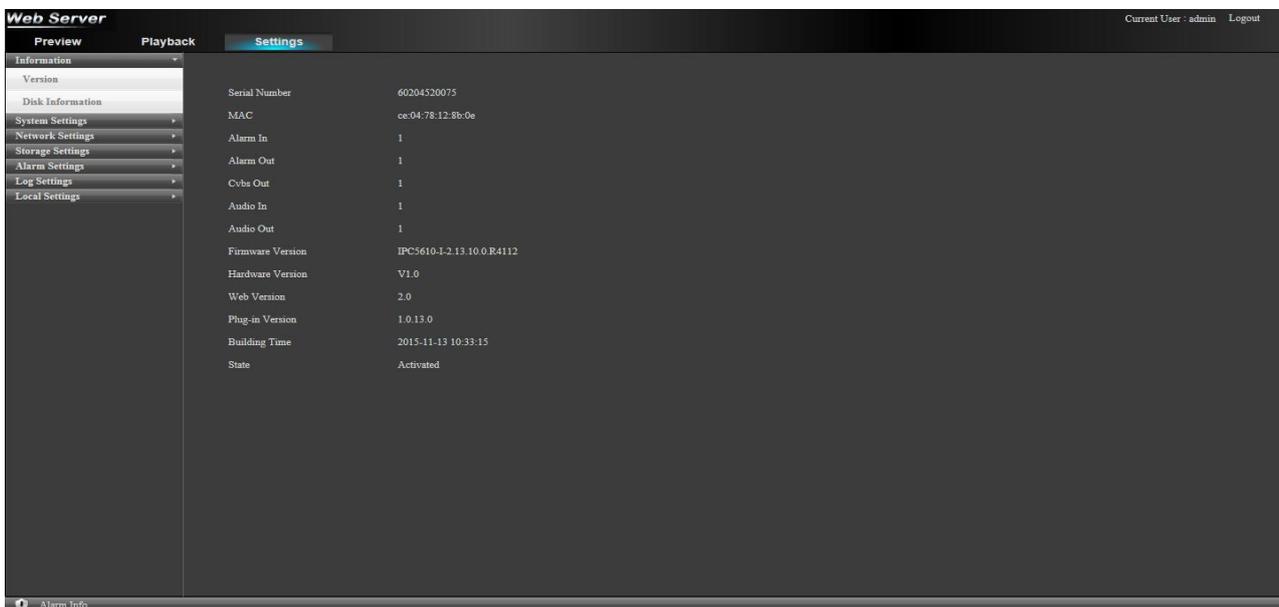
## IP Camera

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snapshots.

- 7)  : Sound of the video on or off
- 8)  Play and pause
- 9)  Stop
- 10)  Slow
- 11)  Fast forward
- 12)  Full screen display

## 2.4.Configuration



The screenshot displays the 'Web Server' configuration interface. At the top, there are three tabs: 'Preview', 'Playback', and 'Settings', with 'Settings' being the active tab. The interface is divided into a left sidebar and a main content area. The sidebar contains a menu with categories like 'Information', 'Disk Information', 'System Settings', 'Network Settings', 'Storage Settings', 'Alarm Settings', 'Log Settings', and 'Local Settings'. The main content area shows a list of system parameters and their values:

Serial Number	60204520075
MAC	ce:04:78:12:8b:0e
Alarm In	1
Alarm Out	1
Cvbs Out	1
Audio In	1
Audio Out	1
Firmware Version	IPC5610-I-2.13.10.0.R4112
Hardware Version	V1.0
Web Version	2.0
Plug-in Version	1.0.13.0
Building Time	2015-11-13 10:33:15
State	Activated

At the bottom left of the interface, there is a small icon and the text 'Alarm Info'. At the top right, the text 'Current User - admin Logout' is visible.

The interface of configuration :



**2.4.1. : System information**

Serial Number	60204520075
MAC	ce:04:78:12:8b:0e
Alarm In	1
Alarm Out	1
Cvbs Out	1
Audio In	1
Audio Out	1
Firmware Version	IPC5610-I-2.13.10.0.R4112
Hardware Version	V1.0
Web Version	2.0
Plug-in Version	1.0.13.0
Building Time	2015-11-13 10:33:15
1) State	Activated

“Version” :To view the “ Serial No.” , “Mac” “ Version of the software”  
 “Version of the hardware” “Web version” and “ Date of compilation” etc.

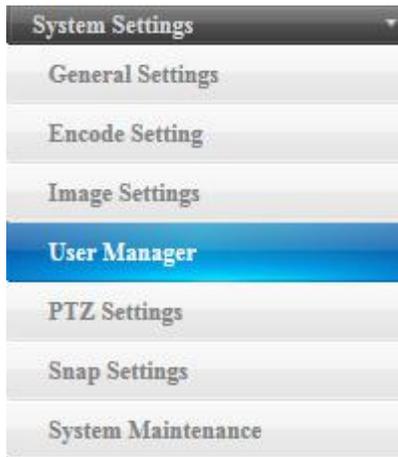
2 )

Disk Information						
Disk No.	Physical No.	Disk Group	State	Attribute	Free	Total

Refresh

“HDD information” : To view the “ Serial number of HD” , “Physical number” ,  
 “Disk pack” , “Status of HD” , “ Attribute” , “Remaining capacity” ,  
 “Total capacity” and “Refreshing status” etc.

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2.4.2. : System setting



2.4.2.1.



: General

setting

## IP Camera



2000-01-01 00:35:48

Jan 2000

Sun	Mon	Tue	Wed	Thu	Fri	Sat
26	27	28	29	30	31	1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31	1	2	3	4	5

Time 0 : 35 : 45

Clear Today OK

“Time and date” : To set the “Year” , “Month” , “Day” , “Hour” , “Minute” and “Second” .

Sync PC

“Sync PC” : Time synchronization with PC

Auto

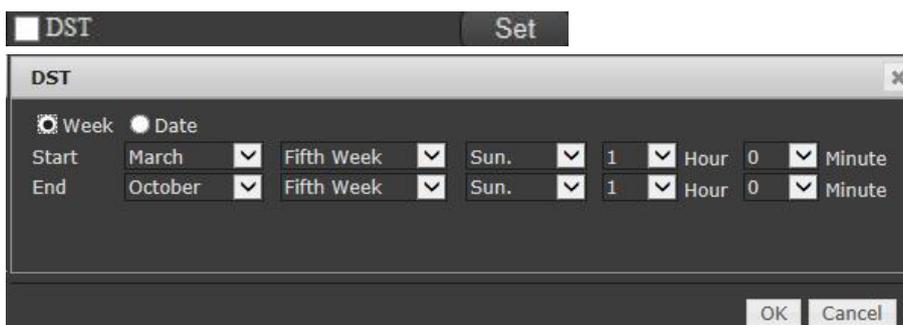
“Auto sync” : Automatically synchronous with PC after check

Save

“Save” : Set after the completion of the click save, pop up saved successfully.

Refresh

“Refresh” : Click it and refresh



DST Set

DST

Week  Date

Start March Fifth Week Sun. 1 Hour 0 Minute

End October Fifth Week Sun. 1 Hour 0 Minute

OK Cancel

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“Summer time” : According to the requirements, check setting menu to set the



“Date format” : According to the requirements, set the time and day by the order.



“Data separator” : According to the requirements



“Time format” : Set the time, 12hours or 24hours



“Full storage” : According to the requirements



“Languages” : According to the requirements



“Standard” : According to the requirements



“Serial number” : The machine number



“save” : Set after the completion of the click save, pop up saved successfully.



“Refresh” : Click it and refresh

2.4.2.2.



: Encode setting



“Encoding level” : To set the HighProfile、 MainProfileandBaselineProfile.



“Audio and video” : According to the requirements to check



“Resolution” : According to the requirements to select



“Frame rate” : According to the requirements ( 1-25 FPS ) .



“Code Stream” : According to the requirements ( 10 fixed value and custom setting ) .

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"Rate control" :According to the requirements( Limited stream and variable bit rate ).



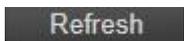
"I frame interval" : According to the requirements ( 1-100 ) .



"Volume control" : According to the requirements ( 0-100 ) .



"Saving" : Set after the completion of the click save, pop up saved successfully.



"Refresh" : Click it and refresh.

2.4.2.3.

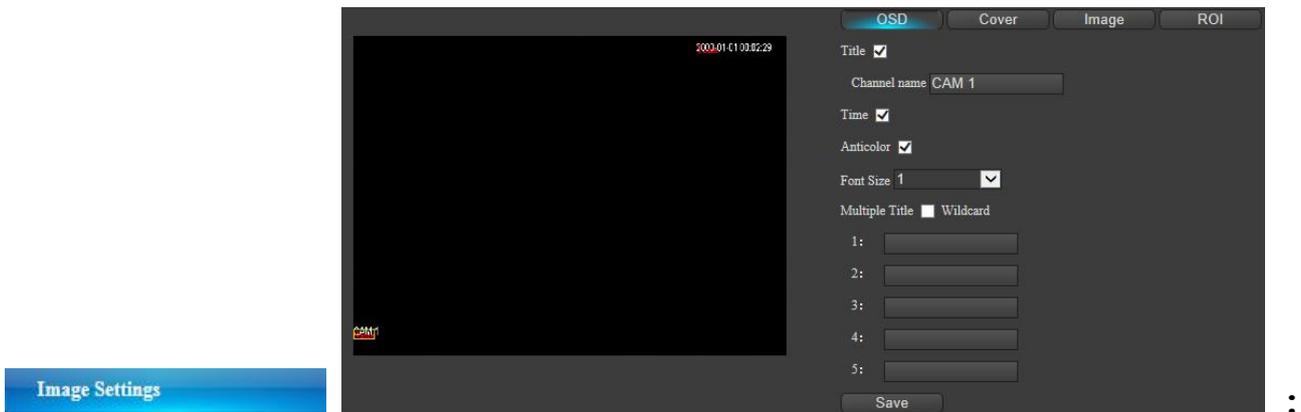
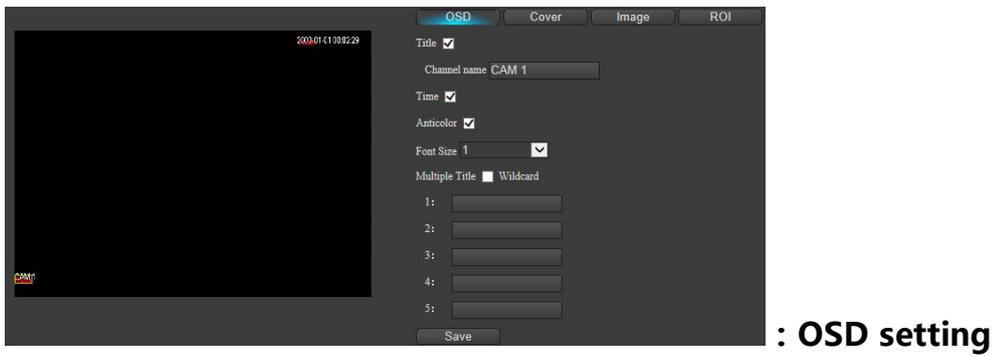


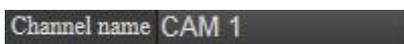
Image setting



“Preview” : Parameter settings saved to display the effects.



“Display name” : Enable check



“Channel name” : According to the requirements

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"Time and date" : Enable check on time and date.



"OSD color" : Enable check



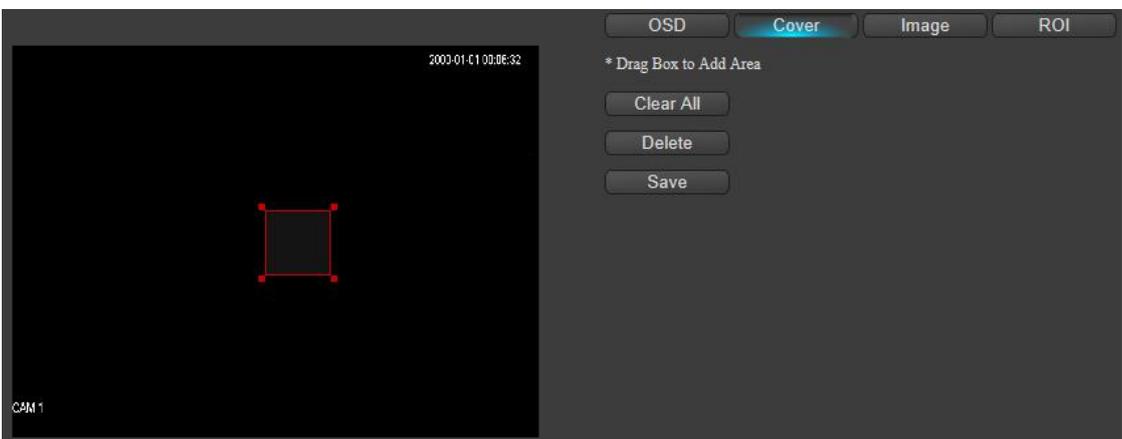
"Type size" : According to the requirements, select 1 or 2



"Display multiline" : Enable check , according to the requirements to set the menu.



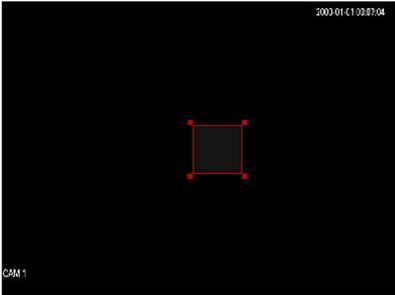
"Save" : Set after the completion of the click save, pop up saved successfully.



: Occlusion

region

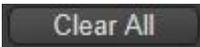
# IP Camera



“Preview” : Parameter settings saved to display the effects.

### \* Drag Box to Add Area

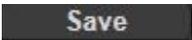
“Drag the frame to add areas” : The mouse in the preview screen box, there will be a corresponding black area.



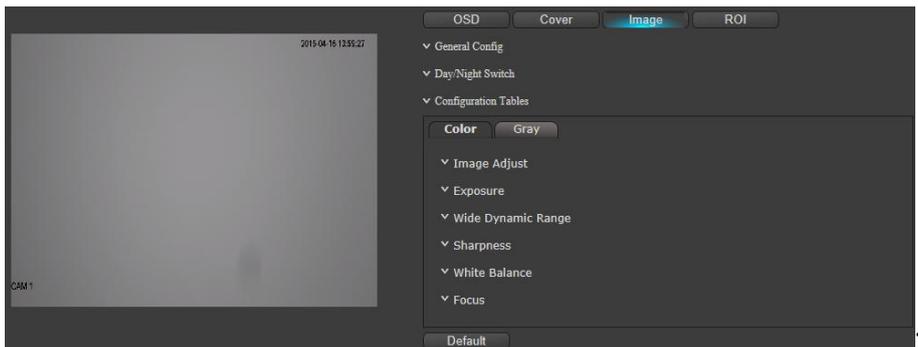
“Clear all” : All settings clear off.



“Delete the chosen area” : Delete the area you have marked.



“Save” : Set after the completion of the click save, pop up saved successfully.



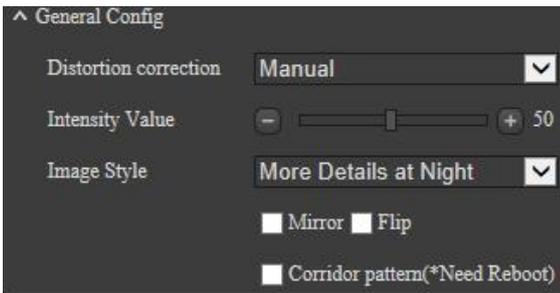
: Image parameters



## IP Camera

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“Preview” : Parameter settings saved to display the effects.



: General Config

“Distortion correction” : Shut and manual options

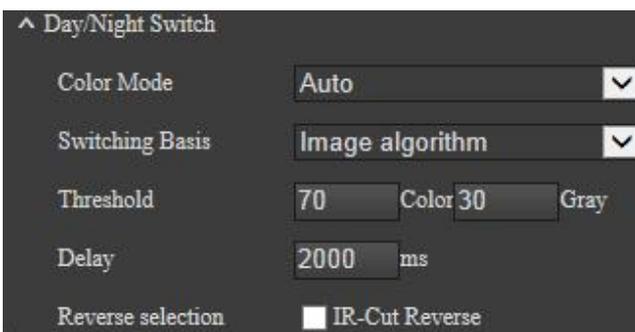
“Intensity value” : Distortion correction with manual option ( 0-100 ) .

“Image style” : Standard, night limpiness, and night low noise

“ Mirror image ” : Optional check , show the direction switch video footage of symmetry.

“Reversal” : Optional check , video coding will be counterclockwise 90 °.

“Corridor mode” :Optional check ,switch the display proportion of the video,such as 16:9 mode after open switch for discussing corridor.



: Day and night

“Color Mode” : Auto、 day、 color for gray.

“Decision procedure” : Automatic, photosensitive resistance, image algorithm, time period, such as the external trigger option

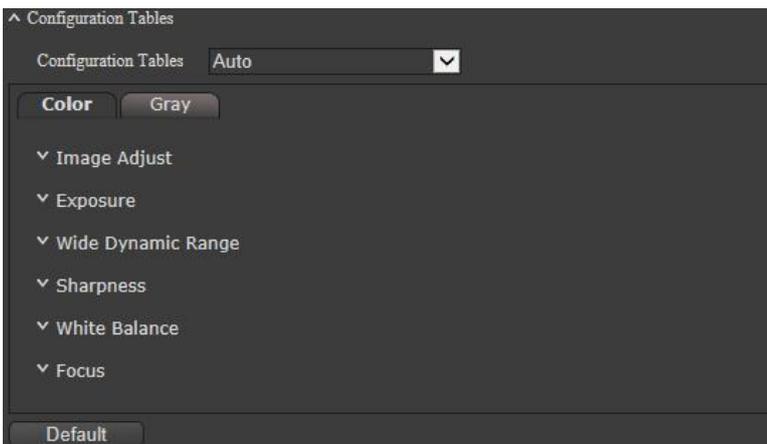
## IP Camera

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“Switching threshold” : Daytime switching threshold value is set high, the camera requires a higher brightness from night mode to day mode, the setting value is low, the camera only slightly requires lower brightness mode can be switched from night to day mode. Night switching threshold, the same as the switching threshold point during the day.

“Time delay” : According to the requirements, wait the time delay response to switch from the day after.

“Inverse selection” : IR - CUT filter forced switch can check the setting according to the requirements



: Configuration Tables

“Configuration Tables” : During the day and at night, the two sets of parameter setting methods are the same

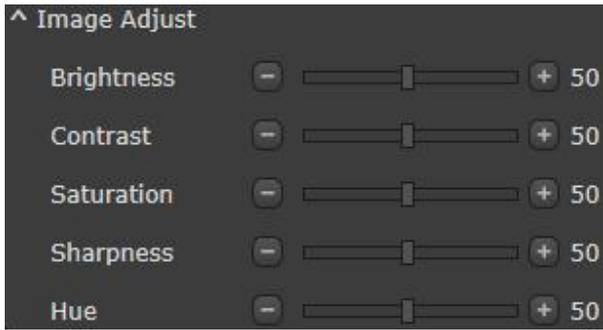


: Configuration Tables

“Configuration Tables” : Auto、 day、 color for gray.

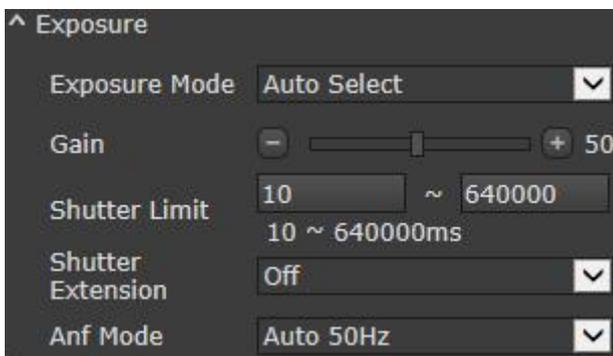
## IP Camera

---



: Image adjustment

“Image adjustment” : According to your requirements, to adjust the brightness, contrast, saturation, sharpness and chroma(0-100).



: Exposure adjustment

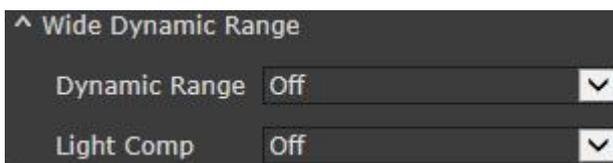
“Exposure mode” : Automatically, prevent ghosting, manual, aperture priority, fast priority, low light and highlights preference and so on a variety of choices.

“Gain limitation” : According to the requirements to adjust ( 0-100 ) .

“ Shutter restrictions ” : According to the requirements to adjust ( 10~640000 microsecond ) .

“Slow shutter” :Multi options for shut, auto, slow, medium and quick

“Anti-flicker” : 50 HZ automatic, 60 HZ, 50 HZ, 60 HZ compulsory enforcement, and other options .



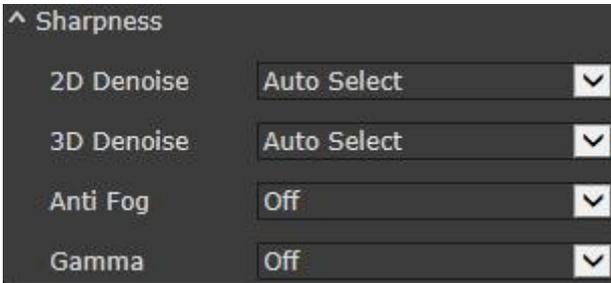
: Wide dynamic

## IP Camera

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“Wide dynamic range” : On and off

“Other options” : Backlight compensation and strong light inhibition



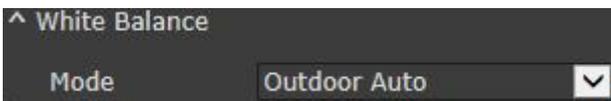
: Articulation

“2Ddenoising” : Shut, auto and manual

“3Ddenoising” : Shut, auto and manual

“Defogging” : Shut and manual

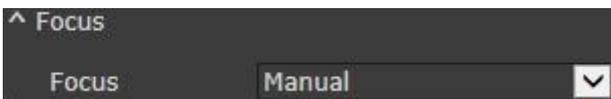
“Transparency” : Shut and area selecting



: White balance

“Color” : Warm color and cold color

“White balance” : Automatic outdoor, indoor automatic, manual, sunny, cloudy day, evening, incandescent lamp, sodium lamp, fluorescent lamp, and a tracking option



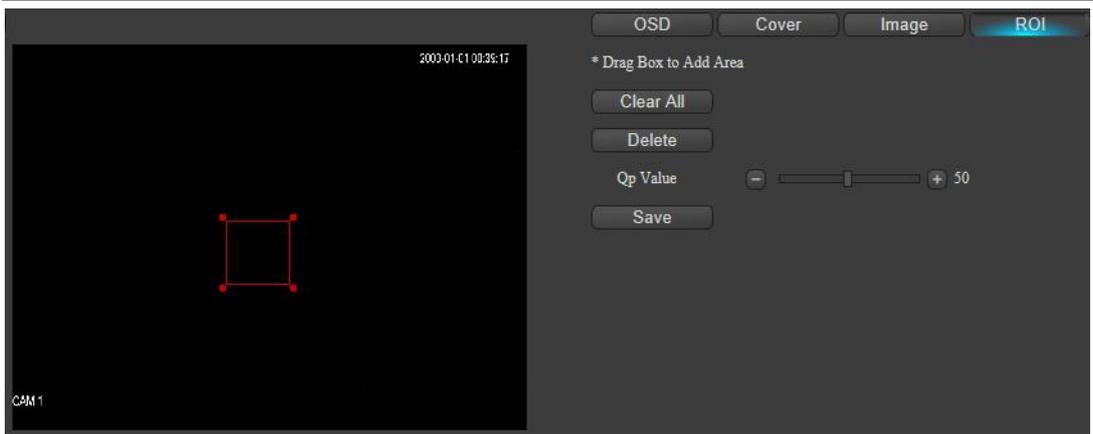
: Focus

“Focus” : Manual and auto focusing, auto back focus

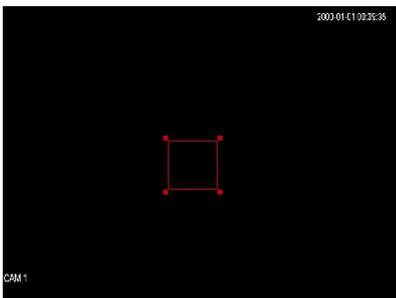
Default

“Reset” : Reset options to default

# IP Camera



: ROI setting



“Preview” : Parameter settings saved to display the effects.

**\* Drag Box to Add Area**

“Drag the frame to add areas” : The mouse in the preview screen box, there will be a corresponding black area.

**Clear All**

“Clear all” : All settings clear off

**Delete**

“Delete the chosen area” : Delete the area you have marked.

**Qp Value**

“qp\_value” :According to the requirements to justify ( 0-100 ) .

**Save**

“Save” :Set after the completion of the click save, pop up saved successfully.

2.4.2.4.

No.	User Name	User Group	Note
1	admin	admin	admin 's account
2	guest	user	guest 's account

**User Manager** [Add] [Delete] [Modify] [Modify Pwd] :Us

er management

No.	User Name	User Group	Note
1	admin	admin	admin 's account
2	guest	user	guest 's account

“User list” : The existing users

Reuseable

User Name [ ] User Group [admin]

Password [ ] Verify Password [ ]

\*8-16 letter and number

Note [ ]

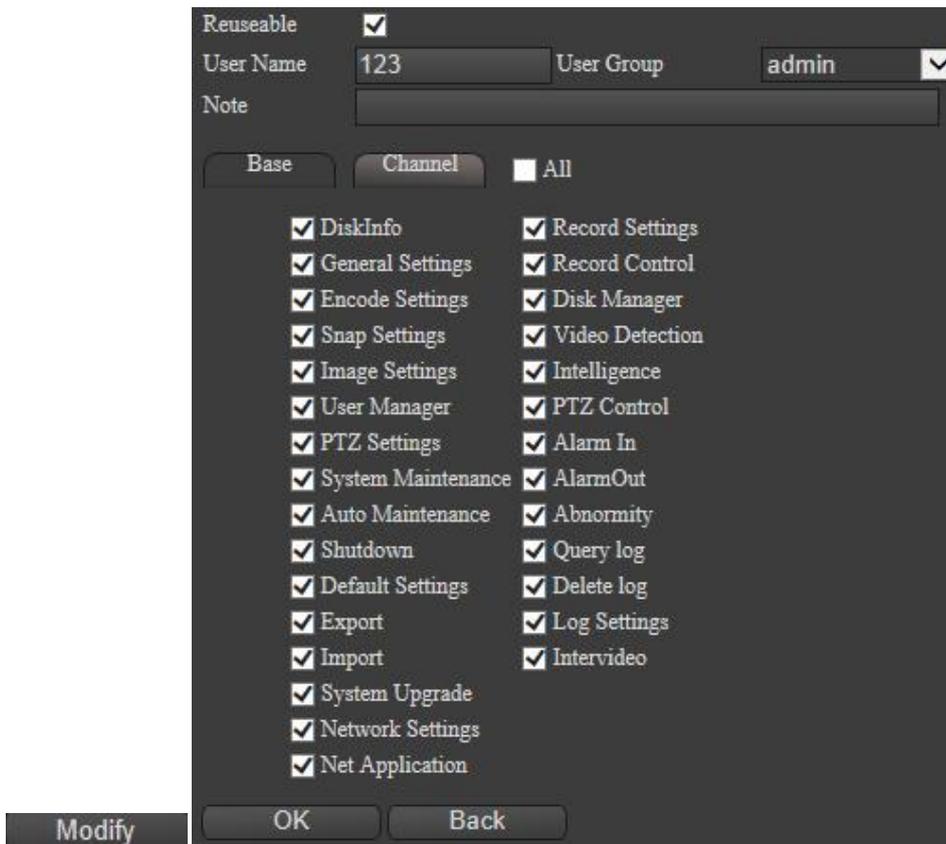
Base Channel  All

- DiskInfo
- General Settings
- Encode Settings
- Snap Settings
- Image Settings
- User Manager
- PTZ Settings
- System Maintenance
- Auto Maintenance
- Shutdown
- Default Settings
- Export
- Import
- System Upgrade
- Network Settings
- Net Application
- Record Settings
- Record Control
- Disk Manager
- Video Detection
- Intelligence
- PTZ Control
- Alarm In
- Alarm Out
- Abnormity
- Query log
- Delete log
- Log Settings
- Intervideo

**Add**

“Add” : For user name, password, remark, verify password, user groups (admin, user optional) and functional permissions Settings.

“Delete” : Delete the users that have been already created.



“Modification” : To modify the created users,user groupsand authorities of them.



“Modify password ” : Enter the previous password , and qualify the new password ,then click complete to save it .

# IP Camera

2.4.2.5. **PTZ Settings** :PTZ setting

Channel	1
Function	PTZ
Protocol	PELCOD
Address	1 (0~255)
Baudrate	9600
Data Bits	8
Stop Bits	1
Parity	None

Save Refresh

Protocol: PELCOD

“Protocol” : Click the drop-down menu to pop up multiple protocols to choose.

“Address” : According to the requirements ( 0-255 ) .

Baudrate: 9600

“Baud rate” :Click the drop-down menu to pop up a variety of parameters to choose.

## IP Camera

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“Data bit” : Click the drop-down menu to pop up a variety of parameters to choose.



“Stop bit” : Click the drop-down menu to pop up a variety of parameters to choose.



“Verification” : Click the drop-down menu to pop up a variety of parameters to choose.

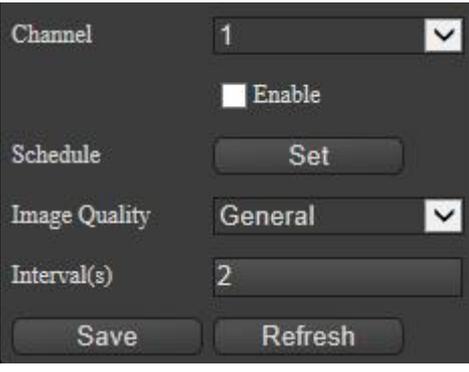


“Save” : Set after the completion of the click save, pop up saved successfully.



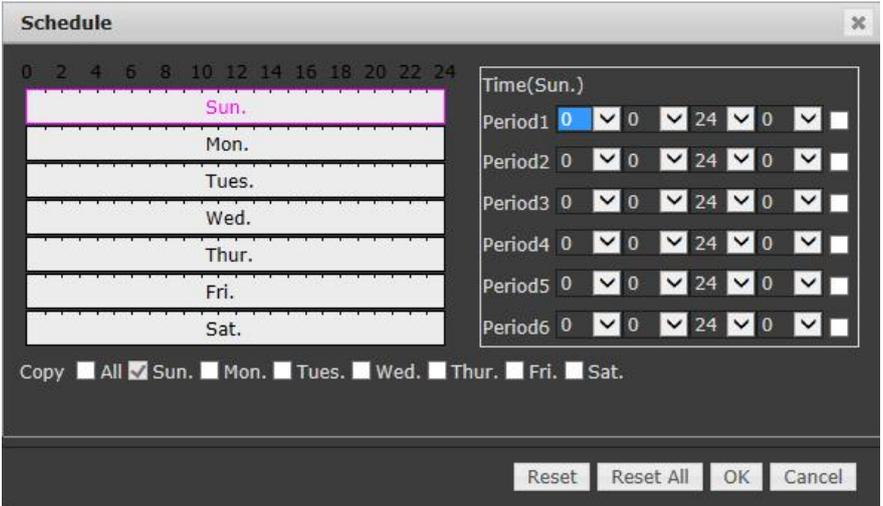
“Refresh” : Click it and refresh.

2.4.2.6. **Snap Settings** : Capture setting



“Enable” : Enable check , according to the requirements

Schedule Set



“Time period” : Click the Settings button pop-up period to set menu

Time set for set up nine times a day, synchronization Settings can be targeted select also can choose the whole week, set up needs to be saved, in addition to single reset, reset all, sure, cancel button, according to the need to operate.

Auto Reboot

Tuesday  At 02:00

No Data Reboot

---

Reboot

---

Default

Restore  <Restore> Reset all the parameters, except the IP parameters and user information, to the default settings;<Default>\*Restore all parameters to default settings

---

Export

Status

---

Import

Import File

Status

---

Upgrade

Firmware

Status

Description: the upgrade process need 1-10 minutes, please do not turn off the power, will automatically restart after the completion of the upgrade.

2.4.2.7.

System Maintenance

:System

maintenance

Auto Reboot

Tuesday  At 02:00

No Data Reboot

“Automatic restart” : According the requirements, to set the day

- Never
- Everyday
- Sunday
- Monday
- Tuesday**
- Wednesday
- Thursday
- Friday
- Saturday

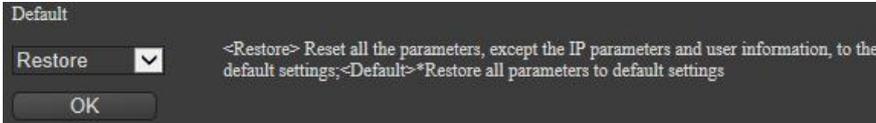
00:00	12:00
01:00	13:00
<b>02:00</b>	14:00
03:00	15:00
04:00	16:00
05:00	17:00
06:00	18:00
07:00	19:00
08:00	20:00
09:00	21:00
10:00	22:00
11:00	23:00

( ) and the time ( ) to restart the system at some time and some day or never

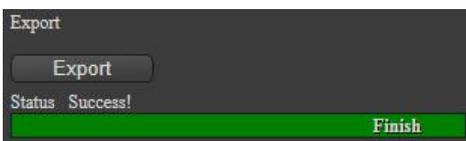
## IP Camera



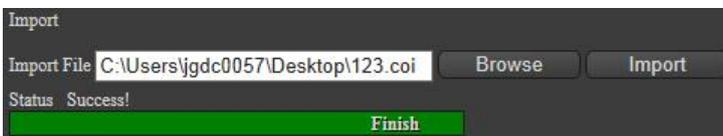
"Restart" : Click the "restart" , and "ok" to reboot.



"Default recovery" : Click the pull-down menu contains simple recovery and return all to choose, click on the ok to restore the default.



"Configuration export" :Click the export ,popup menu to select the storage path and insert the file name and then click save and successfully export, there will be a text and the progress bar.



"Configuration import" : Click the popup menu to choose the configuration file you want to import, and then click save, there will be a text and progress bar.



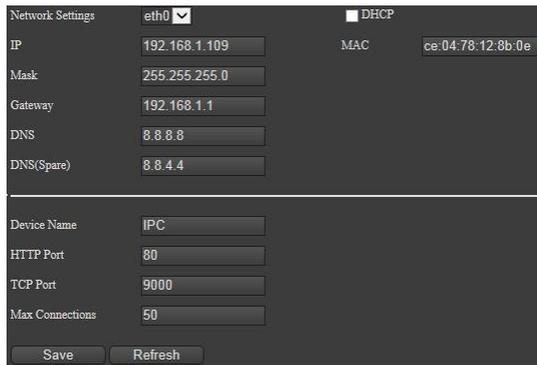
" Upgrade " : Click the popup menu to choose the updating firmware, and click upgrade to confirm ok in popup menu, there will be a text and progress bar and rebooting.

**Note** : A power failure of the upgrading process will result in equipment damage, please don't cut the power, and it takes for a long time, please wait patiently.

# IP Camera



## 2.4.3. : Network setting



### 2.4.3.1. Network Settings : Network

#### configuration



“Network setting” : Set the type of Ethernet.



“IP address” : Set an available IP address.



“Subnet mask” : Set the subnet mask.



“Gateway” : Set the gateway

## IP Camera

---

### DHCP

“DHCP” :According to the requirements to check DHCP, the equipment can obtain IP address and correlative parameters automatically

MAC	ce:04:78:12:8b:0e
-----	-------------------

“MAC” : Display the mac of IP camera, whose address cannot be changed.

DNS	8.8.8.8
DNS(Spare)	8.8.4.4

“DNS” : DNS server must configure an available serve address and possess the function of domain access.

Device Name	IPC
-------------	-----

“Device name” : Set the name,according to the requirements.

HTTP Port	80
-----------	----

“HTTP port” : Default port is 80 , set the corresponding port according to the setting of network.

TCP Port	9000
----------	------

“TCP port” :Default port is 9000 ,set the corresponding port according to the setting of network.

Max Connections	50
-----------------	----

“Connections of network” : The default number of maximum network connection is 50.

Save
------

“Save” : Set after the completion of the click save, pop up saved successfully.

Refresh
---------

“Refresh” : Click the refresh



Enable

“Check” : Make the check, according to the requirements.

Listen Port 554

“RTSP listener port” : The default port is 554 , set the corresponding port according to the setting of network.

Start Port 20000

“RTSP starting port” :The default port is 20000, set the corresponding port according to the setting of network.

Port Number 1000

“RTSP quantity of port” :1000 ,set the corresponding port according to the setting of network.

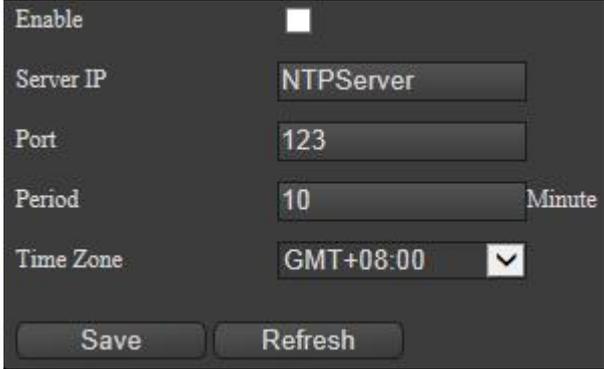
Save

“Save” : Set after the completion of the click save, pop up saved successfully.

Refresh

“Refresh” : Click it and refresh.

2.4.3.3. **NTP** : NTP



The screenshot shows a configuration window for NTP. It includes an 'Enable' checkbox, a 'Server IP' text field with 'NTPServer', a 'Port' text field with '123', a 'Period' text field with '10' and a 'Minute' label, and a 'Time Zone' dropdown menu with 'GMT+08:00'. At the bottom are 'Save' and 'Refresh' buttons.

Enable

“Check” : Make the check , according to the requirements.

Server IP NTPServer

“Server IP” : Set the address of NTP server

Port 123

“Port” :The default port is 123 , set the corresponding port according to the setting of network.

Period 10 Minute

“Period updating” : According to the interval of time revision, it will time once in an interval.

Time Zone GMT+08:00

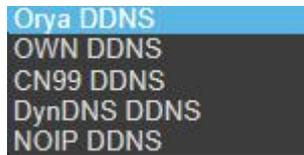
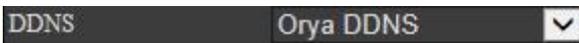
“Time zone” : Set the time zone according to where the equipment is.

Save

“Save” : Set after the completion of the click save, pop up saved successfully.

Refresh

“Refresh” : Click it and refresh.



“DDNS ” : Choose the type of DDNS as ( )



“Enable” : Enable check , according to the requirements.



“Domain name” : The domain name you apply for from the service provider.



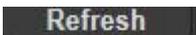
“Username” : The username you apply for from the service provider.



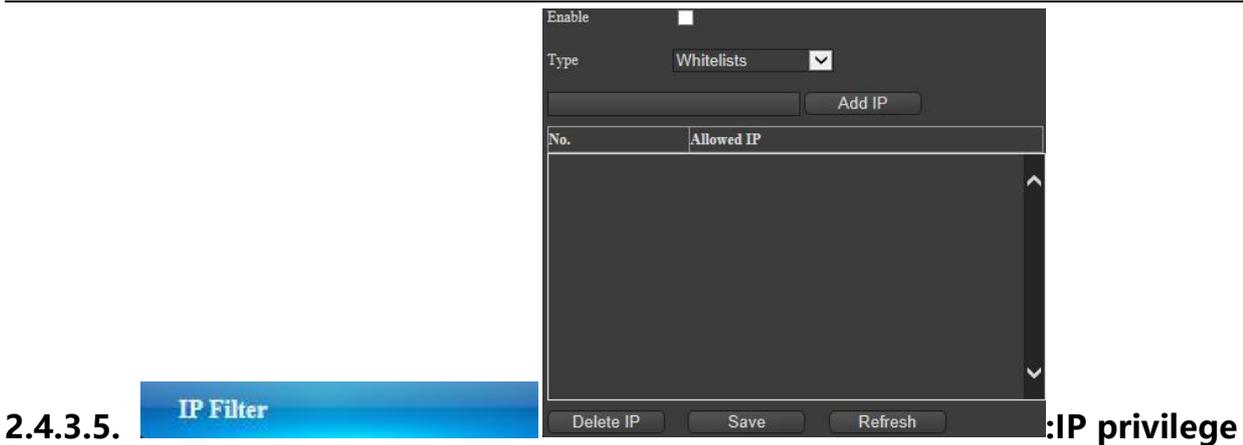
“Password” : The password you apply for from the service provider.



“Save” : Set after the completion of the click save, pop up saved successfully.



“Refresh” : Click it and refresh.



**Enable**

“Enable” : Enable check , according to the requirements.

**Type** Whitelists

“Types of limitations” : Choose the black or white list ( **Whitelists** / **Blacklists** )

“Add IP” : Firstly enter the IP needed to be added in the left of the input box, and click to add successfully then it will be displayed in the list.

No.	Allowed IP	No.	Forbidden IP
1	192.168.1.108	1	192.168.1.109

“IP allowed list” : Choose the white list, and the added IP will be displayed in the list.

“IP prohibited list” Choose the black list, and the added IP will be displayed in the list.

**Delete IP**

“Delete IP” : Pitch on the IP you want to delete, and click the delete.

**Save**

“Save” : Set after the completion of the click save, pop up saved successfully.

**Refresh**

“Refresh” : Click it and refresh.

2.4.3.6.

Enable

SMTP Server MailServer

Port 25 0~65500

SSL

User Name none@xxx.com

Password

Sender's Address none@xxx.com

Email Title ALARM

Receiver1's Address none@xxx.com

Receiver2's Address none@xxx.com

Receiver3's Address none@xxx.com

Receiver4's Address none@xxx.com

Receiver5's Address none@xxx.com

Email Save Refresh : Email

Enable

“Enable” : Check the enable , according to the requirements.

SMTP Server MailServer

“SMTP server” : set the address of the SMTP server , according to the requirements.

Port 25 0~65500

“ Port ” : the default port is 25 , according to the network setting to set the corresponding port.

SSL

“SSL” : Check and start SSL , the email is sent after SSL encryption.

## IP Camera

---

User Name	none@xxx.com
-----------	--------------

“User” : The user name of the email

Password	
----------	--

“Password” : The password of the email

Sender's Address	none@xxx.com
------------------	--------------

“Sender” : The email of the sender

Email Title	ALARM
-------------	-------

“Topic” : The topic of your sending email

Receiver1's Address	none@xxx.com
Receiver2's Address	none@xxx.com
Receiver3's Address	none@xxx.com
Receiver4's Address	none@xxx.com
Receiver5's Address	none@xxx.com

“Recipient” : The emails of recipients ( Less than 5 ) .

**Save**

“Save” : Set after the completion of the click save, pop up saved successfully.

**Refresh**

“Refresh” : Click it and refresh.

# IP Camera

File Type Record  Enable  Anonymity  
Server Ip Record FTP Port 1024  
User Name Password  
Directory File Length 0 MB  
Save Refresh

Channel 1 File Type Record  
Week Sun.  
Period1 0:0:0 ~ 24:0:0  General  Motion  Alarm  
Period2 0:0:0 ~ 24:0:0  General  Motion  Alarm  
Save Refresh

## 2.4.3.7.

FTP

:FTP

File Type Record

"Types of files" : Choose the record or image ( Record Picture )

Enable

"Enable" : Check the enable , according to the requirements

Anonymity

"Anonymity" : Check the anonymity , the camera by anonymous access to the FTP server.

Server Ip Record FTP

"Server" : Set the address of the FTP server.

Port 1024

"Port" : The fault port is 1024 , according to the corresponding port setting.

User Name

"Username" : The username inputted the FTP function of uploading the permission.

Password

## IP Camera

---

“Password” : The password inputted the FTP function of uploading the permission.

Directory

“Remote directory” : Set the path of uploading files, according to the requirements.

File Length  MB

“File length” : Restrict the file length of uploading.

Breakpoint  
Resume

“File resuming” : Support the image upload (but video upload), check, mainly used for image transmission interrupt network recovery continues to interrupt this period of time after image continuingly on FTP server,

Save

“Save” : Set after the completion of the click save, pop up saved successfully.

Refresh

“Refresh” : Click it and refresh

Channel  ▼

“Channel” : Choose the using channel.

File Type  ▼

“Types of files” : Choose the record or image (   )

Week  ▼

“day” : Choose the day (         )

## IP Camera

Period1 0 : 0 : 0 ~ 24 : 0 : 0  General  Motion  Alarm  
Period2 0 : 0 : 0 ~ 24 : 0 : 0  General  Motion  Alarm

“Period” : Two periods can be set from time to time, image can choose ordinary, detection, alarm, a variety of choices.

**Save**

“Save” : Set after the completion of the click save, pop up saved successfully.

**Refresh**

“Refresh” : Click it and refresh

### 2.4.3.8.

**UPNP**

Enable   
Web Port 80  
TCP Port 34567  
Save Refresh

**: UPNP**

Enable

“Enable” : Check the enable , according to the requirements.

Web Port 80

“Web port” : The default port is 80 , according to the corresponding port setting.

TCP Port 34567

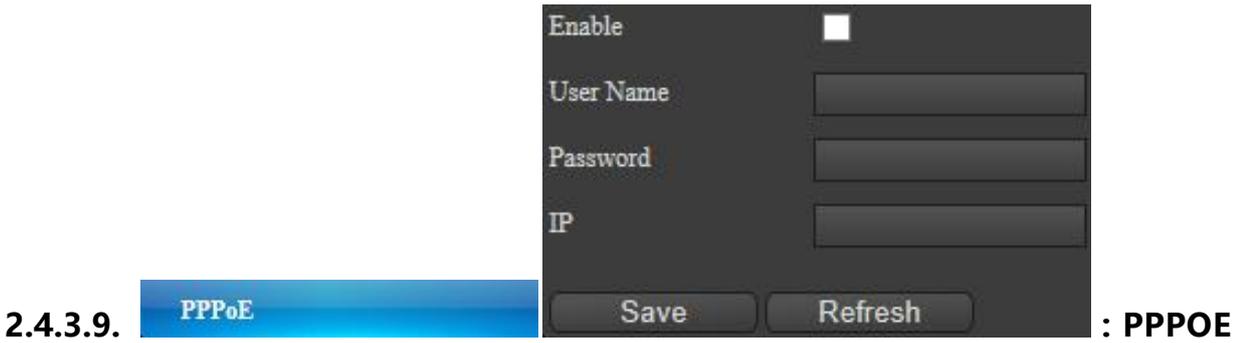
“TCP port” : The default port is 3467 , according to the corresponding port setting.

**Save**

“Save” : Set after the completion of the click save, pop up saved successfully.

**Refresh**

“Refresh” : Click it and refresh



Enable

“Enable” : Check the enable , according to the requirements.

User Name

“Username” : Enter the username of PPPOE.

Password

“Password” : Enter the password of PPPOE.

IP

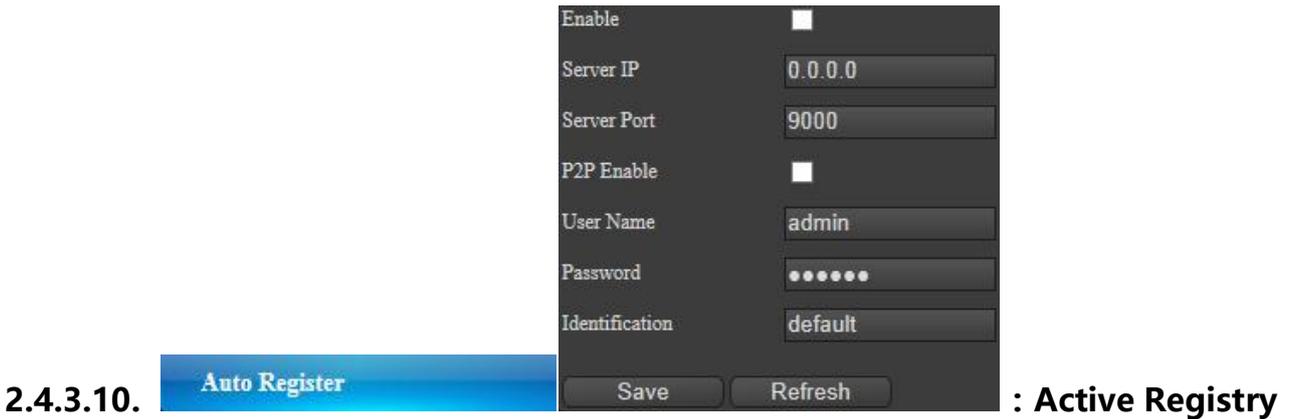
“IP” : After a saved setting on the camera for a public IP address.

Save

“Save” : Set after the completion of the click save, pop up saved successfully.

Refresh

“Refresh” : Click it and refresh.



Enable

“Enable” : Check the enable , according to the requirements.

Server IP 0.0.0.0

“Server” : Set IP of the server, according to the requirements.

Server Port 9000

“Server port” : Set the port according to the responding port setting.

P2P Enable

“P2P” : Check the enable , according to the requirements.

User Name admin

“Username” : Enter the username of visiting.

Password ●●●●●●

“Password” : Enter the password of visiting.

Identification default

“Unified label” : Work out on the platform software and fill in.

Save

“Save” : Set after the completion of the click save, pop up saved successfully.

Refresh

“Refresh” : Click it and refresh.

## IP Camera



Enable

“Enable” : Default check , according to the requirements.

Port 80

“Port” : The default port is 80 , according to the responding port setting.

Version 2.4

“Version” : The ONVIF version.

Discovery Mode Visible

“Types of files” : Search the visible and the invisible. ( Visible Invisible )

Verify

“Authentication enable” : Check the enable , according to the requirements.

ODT Test

“odt test” : Check the enable , according to the requirements..

Save

“Save” : Set after the completion of the click save, pop up saved successfully.

Refresh

“Refresh” : Click it and refresh.

# IP Camera



## 2.4.4. : Storage setting



## 2.4.4.1. : Record setting



“Channel” : Choose the recording channel, according to the requirements.

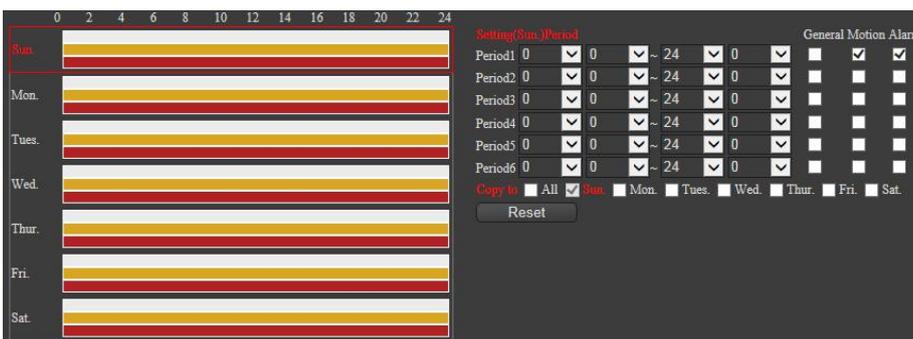


“Video stream” : Choose the video stream, according to the requirements.



“Length” : The length of video (1-120min)

“Prerecord” : Record in advance for several second (1-10 sec)



“Time setting” : Time setting can set six times a day, on the choice of the video are ordinary, detection, alarm, synchronization Settings can be targeted to choose optional also choose all week, set up needs to be saved, in addition to single reset, according to the operation.

## IP Camera

Save

“Save” : Set after the completion of the click save, pop up saved successfully.

Refresh

“Refresh” : Click it and refresh.

Reset All

“All reset” : Reset the all settings.

### 2.4.4.2.

Record Control

Channel:1		
Mode	All	1
Schedule	<input checked="" type="radio"/>	<input type="radio"/>
Manual	<input checked="" type="radio"/>	<input checked="" type="radio"/>
Stop	<input checked="" type="radio"/>	<input checked="" type="radio"/>

Save Refresh

: Record control

Channel:1		
Mode	All	1
Schedule	<input type="radio"/>	<input checked="" type="radio"/>
Manual	<input checked="" type="radio"/>	<input checked="" type="radio"/>
Stop	<input checked="" type="radio"/>	<input checked="" type="radio"/>

“Record control ” : Configuration, always, close control, set up according to the corresponding setting.

Save

“Save” : Set after the completion of the click save, pop up saved successfully.

Refresh

“Refresh” : Click it and refresh

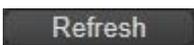
2.4.4.3.



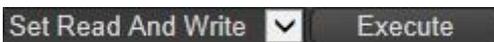
Management



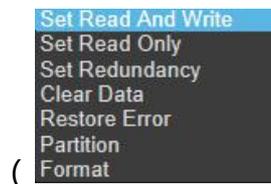
“HD management” : According to the hard disk information, hard disk serial number, physical serial number, plate group, the residual capacity of hard disk status, properties, and the information such as the total capacity.



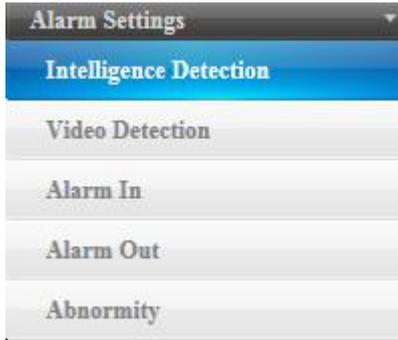
“Refresh” : Click it and refresh.



“HD setting” : Firstly choose the HDD number, and get to choose the options,

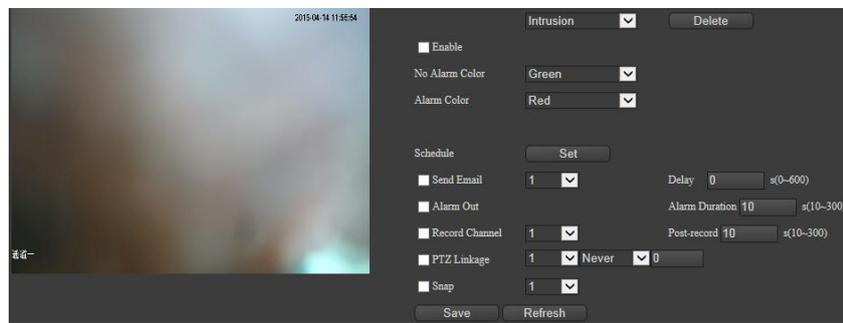


( ) then click the popup menu to save settings.



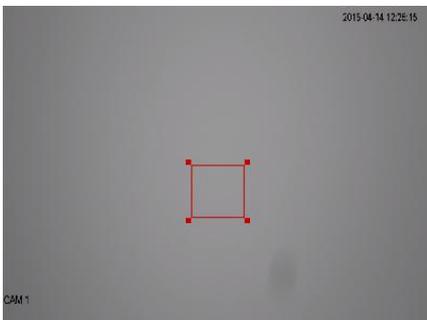
2.4.5. : Alarm setting

2.4.5.1.



:

Intelligent detection



“Preview” : Click the area for line drawing , after parameter settings saved to display the effects.



“Event setting” : Choose the perimeter and tripwire (  )



“Clear line” : The operation of clearing the drawn line



“Enable” : Check the enable , according to the requirements.

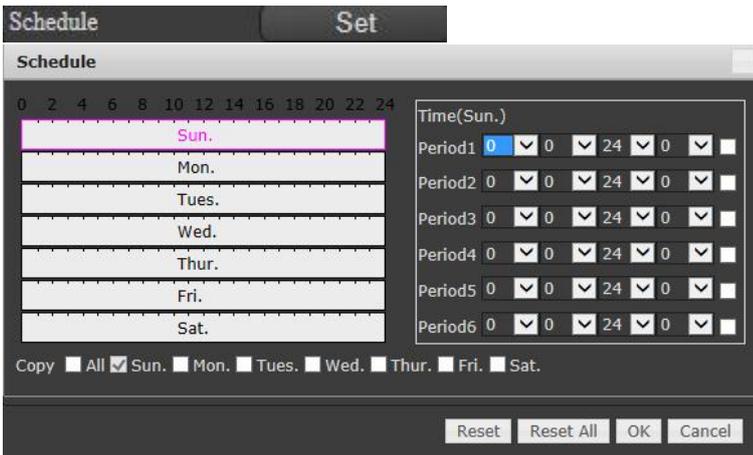
## IP Camera

No Alarm Color **Green** ▼

“Non-alarm color” : choose the green or red ( **Green** / **Red** ) ,according to the requirements.

Alarm Color **Red** ▼

“Alarm color” : 可对画好的线进行 ( **Green** / **Red** ) , 根据需求进行设置.



“Time period” : Click the setting button to set the popup menu of time period.

Time set for set up nine times a day, synchronous settings can be targeted to select and also can choose the whole week, set up needs to be saved, in addition to single reset, reset all, sure, cancel button, according to the need to operate.

Send Email

“Email sending” : Make the check , support the function of setting the network email.

Alarm Out Alarm Duration **10** s(10~300)

“Alarm out” : Make the check , according to the need to set.

“Output delay” : set the output delay ( 10-300sec ) , according to the need.

Record Channel **1** ▼ Post-record **10** s(10~300)

“Video channel” : Make the check , according to the need.

“Delay recording” : Set the recording delay ( 10-300sec ) , according to the need.

## IP Camera

PTZ Linkage 1  Never  0

Never  
Preset  
Patrol  
Pattern

“PTZ linkage” : Make the check , linkage can choose (  ),insert the preset in the number box, according to the need.

Snap 1

“Screen shot” : Make the check, according to the need.

“Save” : Set after the completion of the click save, pop up saved successfully.

“Refresh” : Click it and refresh.

Motion

Channel 1

Enable

Sensitivity Middle

Region

Schedule

Delay 0 s(0~600)

Post-record 10 s(10~300)

Send Email

Alarm Out 1

Alarm Duration 10 s(10~300)

Record Channel 1

PTZ Linkage 1  Never  0

Snap 1

### 2.4.5.2.

#### Video Detection

: Video detection

## IP Camera

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Motion 

“Types of detection” : Choose the types of detection (  )

Channel 1 

“Channel” : Set according to the need.

Enable

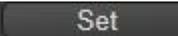
“Enable” : Check , to set according to the need.

Sensitivity Middle 

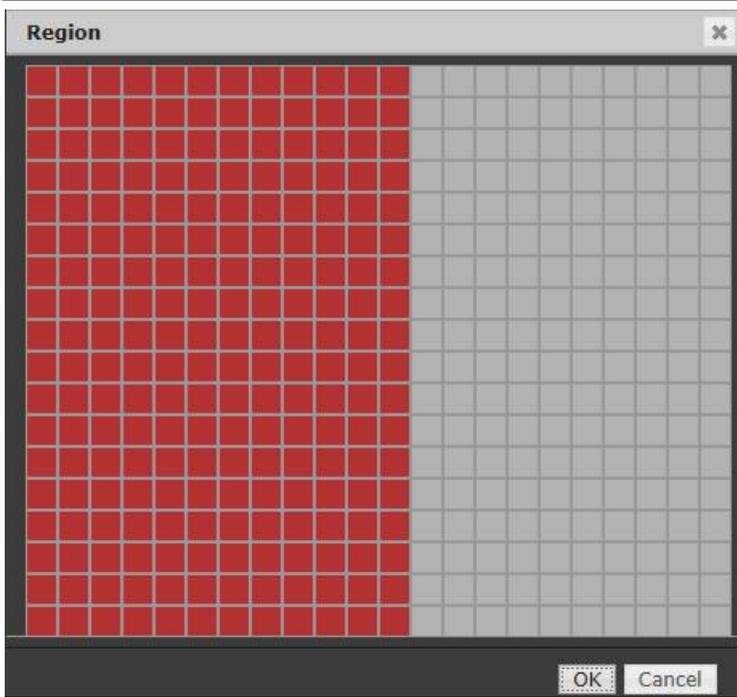


Lowest  
Lower  
Middle  
Higher  
Very high  
Highest

“Sensibility” : Set the equipment to choose (  ) according to the need.

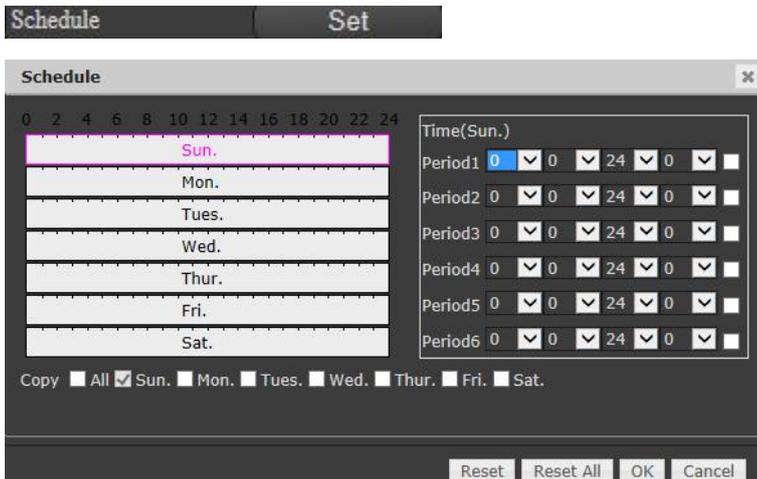
Region  Set

# IP Camera



“Region” : Click the setting button to set the popup menu of time period.

Click on the mouse and drag to set , red is the monitor region but grey is not the region area. Set up and be saved successfully. Function buttons of determining and cancelling for options.



“Time period” : Click the setting button to set the popup menu of time period.

Time set for set up nine times a day, synchronous settings can be targeted to select and also can choose the whole week, set up needs to be saved, in addition to single

## IP Camera

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reset, reset all, sure, cancel button, according to the need to operate.

Delay 0 s(0~600)

“Dejitter” : set the time ( 0-600sec ), according to the need.

Post-record 10 s(10~300)

“Delay recording” : set the recording delay ( 10-300sec ), according to the need.

Send Email

“Email sending” : Make the check , support the function of setting the network email.

Alarm Out 1

“Alarm out” : Make the check , according to the need to set.

Alarm Duration 10 s(10~300)

“Output delay” : set the output delay ( 10-300sec ), according to the need.

Record Channel 1

“Video channel” : Make the check , according to the need.

PTZ Linkage Chanr 0

Never  
Preset  
Patrol  
Pattern

“PTZ linkage” : Make the check , linkage can choose ( ) ,insert the preset

in the number box, according to the need.

Snap 1

“Screen shot” : Make the check, according to the need.

Save

“Save” : Set after the completion of the click save, pop up saved successfully.

Refresh

“Refresh” : Click it and refresh.

**2.4.5.3. Alarm In** : External alarm

Alarm In

“Types of detection” : Choose the detection according to the setting.

Channel 1

“Channel” : Set according to the need.

Enable

“Enable” : Check , to set according to the need.

Type Normal Open

“Trigger types” : choose the type ( Normal Close Normal Open )

Schedule Set

Period	Start Time	End Time	Repeat
Period1	0	24	<input checked="" type="checkbox"/>
Period2	0	24	<input type="checkbox"/>
Period3	0	24	<input type="checkbox"/>
Period4	0	24	<input type="checkbox"/>
Period5	0	24	<input type="checkbox"/>
Period6	0	24	<input type="checkbox"/>

“Time period” : Click the setting button to set the popup menu of time period.

Time set for set up nine times a day, synchronous settings can be targeted to select and also can choose the whole week, set up needs to be saved, in addition to single reset, reset all, sure, cancel button, according to the need to operate.

## IP Camera

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Delay 0 s(0~600)

“Dejitter” : set the time ( 0-600sec ), according to the need.

Post-record 10 s(10~300)

“Delay recording” : set the recording delay ( 10-300sec ), according to the need.

Send Email

“Email sending” : Make the check , support the function of setting the network email.

Alarm Out 1

“Alarm out” : Make the check , according to the need to set.

Alarm Duration 10 s(10~300)

“Output delay” : set the output delay ( 10-300sec ), according to the need.

Record Channel 1

“Video channel” : Make the check , according to the need.

PTZ Linkage Chanr 0

Never  
Preset  
Patrol  
Pattern

“PTZ linkage” : Make the check , linkage can choose ( ) ,insert the preset in the number box, according to the need.

Snap 1

“Screen shot” : Make the check, according to the need.

Save

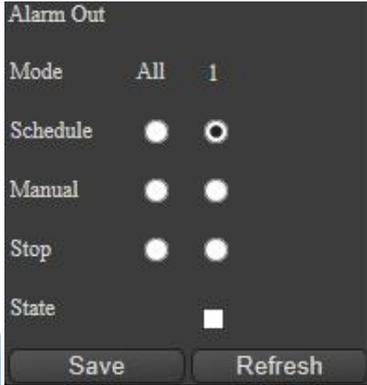
“Save” : Set after the completion of the click save, pop up saved successfully.

Refresh

“Refresh” : Click it and refresh.

---

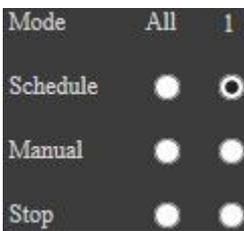
2.4.5.4.  : Alarm output



The 'Alarm Out' configuration panel is a dark grey box with the following settings:

Setting	Value
Mode	All 1
Schedule	<input type="radio"/> <input checked="" type="radio"/>
Manual	<input type="radio"/> <input type="radio"/>
Stop	<input type="radio"/> <input type="radio"/>
State	<input type="checkbox"/>

Buttons: Save, Refresh



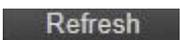
“Alarm mode” : Configuration, always, close control, can be set up according to the need for corresponding.



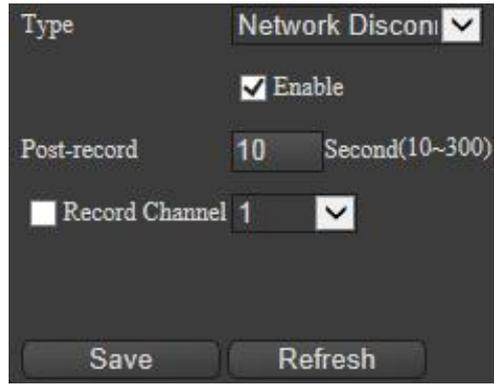
“Status” : Color tip appears according to the different settings.



“Save” : Set after the completion of the click save, pop up saved successfully.



“Refresh” : Click it and refresh.

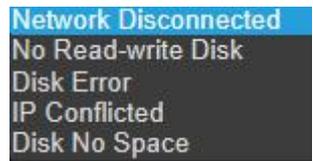


2.4.5.5.



: Exception

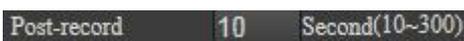
handling



“Exception type” : Choose the exception type ( )



“Enable” : Check , to set according to the need.



“Delay recording” : set the recording delay ( 10-300sec ), according to the need.



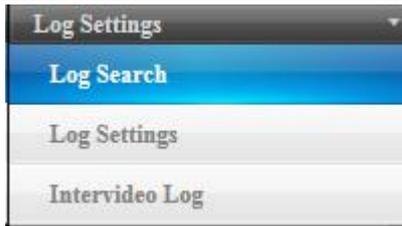
“Video channel” : Make the check , according to the need.



“Save” : Set after the completion of the click save, pop up saved successfully.

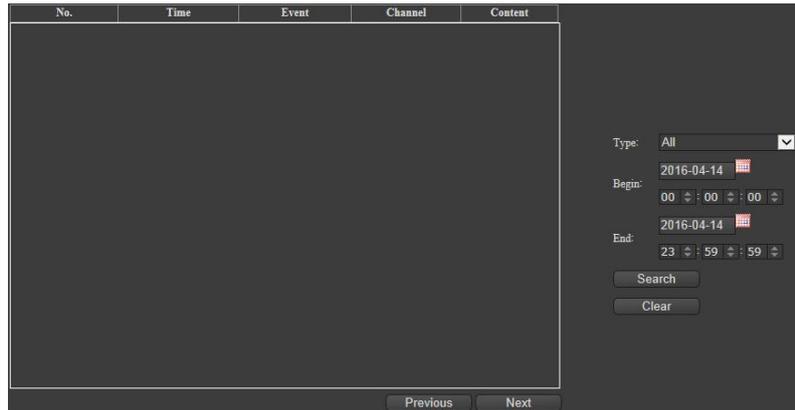


“Refresh” : Click it and refresh.



2.4.6 : Device log

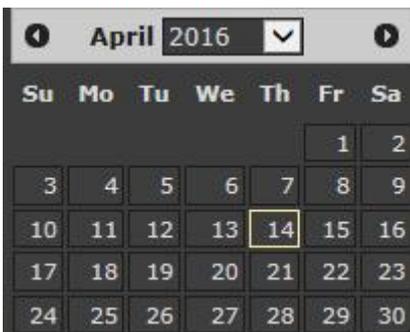
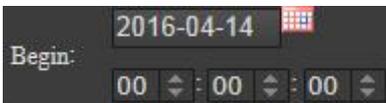
2.4.6.1.



Search log



“Type” : Choose the type ( ) according to the need.



“Start” : Set “year”、“month”、“day”、“hour”、“minute”、“second” .

# IP Camera

End: 2016-04-14 23 : 59 : 59

April 2016

Su	Mo	Tu	We	Th	Fr	Sa
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

“End” : Set “year”、 “month”、 “day”、 “hour”、 “minute”、 “second”

**Search**

“Search” : To type and after completion of start and end time to choose, click on the search will be displayed in the log information of this time.

**Clear**

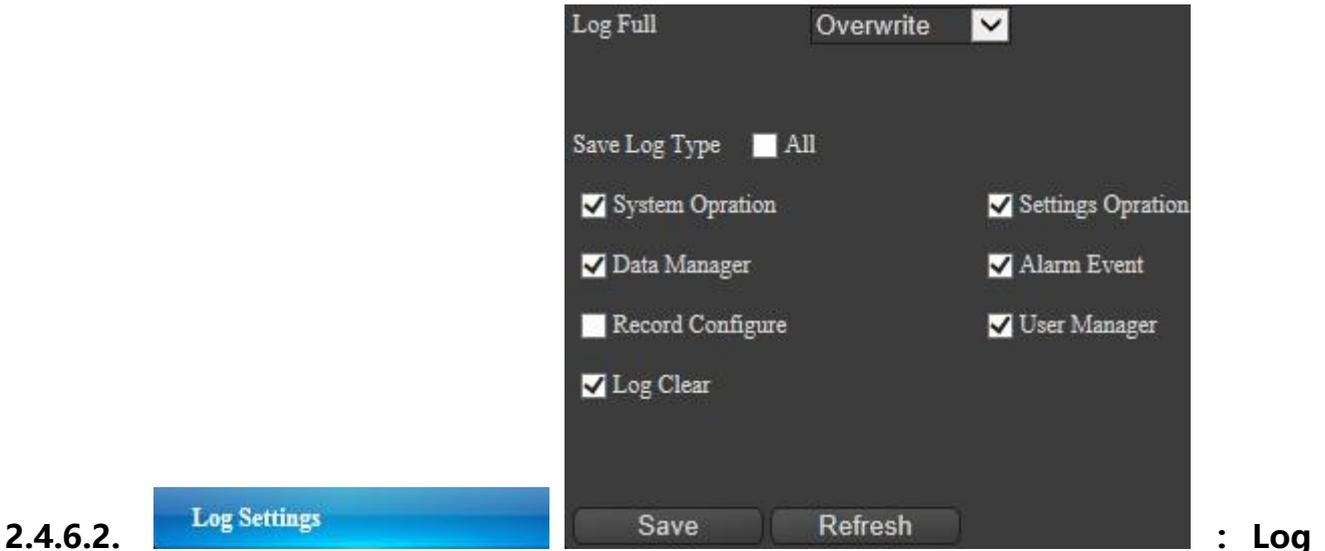
“Clear” : Click clear and determine the popup menu, then clear all logs.

No.	Time	Event	Channel	Content
-----	------	-------	---------	---------

“Information” : Click search log information will display here,can view the serial number, log the information such as time, events, channel, and extended content etc.

**Previous** | **Next**

“Previous、 next” : Click the Previous or next to operate page up and down.

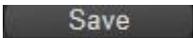


2.4.6.2.

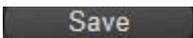
**configuration**



“Type of logs” : Operate on radio button or selection, according to the system information to be saved.



“Save” : Set after the completion of the click save, pop up saved successfully.



“Refresh” : Click it and refresh.



**Search**

“Search” : Click to search the information of access logs.

**Search**

“Clear” :Click clear and determine the popup menu, then clear all information of access logs.



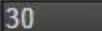
“ Information box ” : Click search to find the access logs in the display of the information box.

---

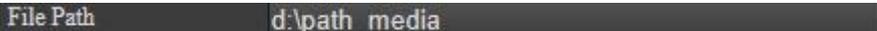
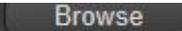
2.4.7.  : Local setting

2.4.7.1.   :

**Local setting**

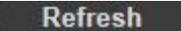
“Video files and time” : Set the video files and time ( 1-60mins )

“Videos and screenshots” : According to the need ,set the storage path ( Default: d:\path\_media ) .



“Save” : Set after the completion of the click save, pop up saved successfully.



“Refresh” : Click it and refresh.

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