Updated on 20 August, 2013

User Manual of P2P IP Cameras

This user manual applies to all the P2P IP Cameras as follows

IPA Series: Home Pan-tilt IP Cameras

IPB Series: Outdoor Waterproof IP Cameras

IPC Series: Fixed Dome IP Cameras

NOTICE:

1. Please use the POWER ADAPTER and other accessories coming with camera!
2. Please change the password after the first login, and please REMEMBER your CHANGED PASSWORD!

Thank you for reading this user manual, if any problems you find out, please kindly inform us!

Table of Content

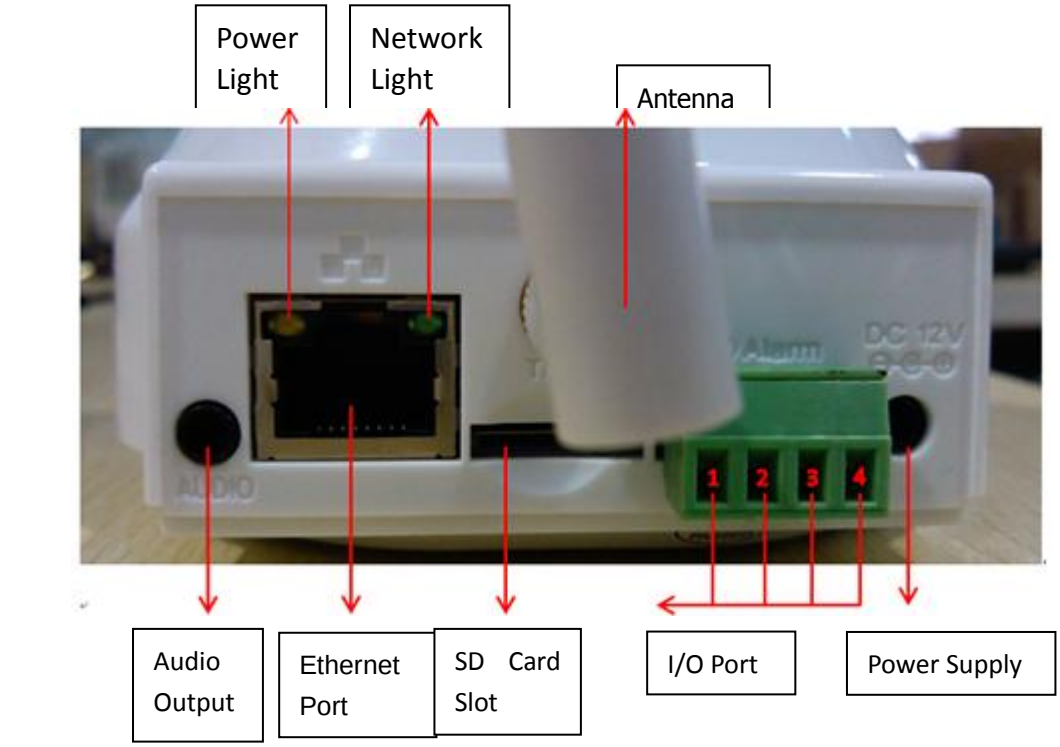
1. Hardware Installation

Please connect camera to internet like the following way

Power for camera, and connect it to router.

Note: Please check whether the working status of “Power Light” and “Network Light” is same with the following description, if not, please reconnect the power adaptor and network cable again.

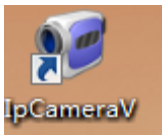
IPA Series Camera Interface Introduction:



IPB and IPC Series Camera Interface Introduction:

Definition	Description
Power Indicator	Orange color, it is always on when device is powered and network cable is connected correctly
Data Indicator	Green color, it is blinking when data is transmitting

2. Software Installation

Insert the CD into CD driver of your PC and find out the folder “IP Camera Client software”, open it and install the software(just click “next” step by step), after install success, the icon 

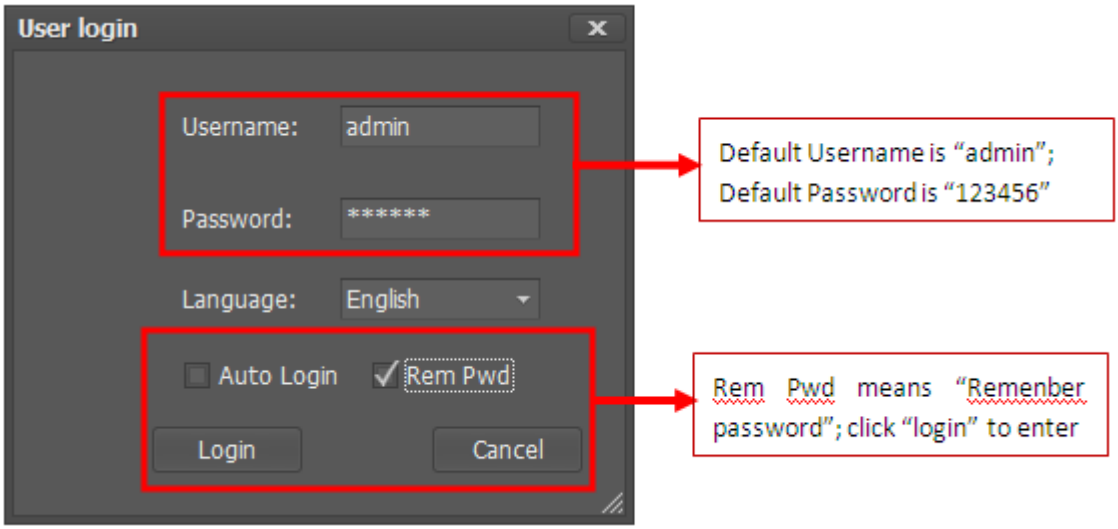
will arise on your desktop

Note: If your PC system is XP, you need to install “NetFx20SP2_x86.exe” additionally, if not, just ignore it.

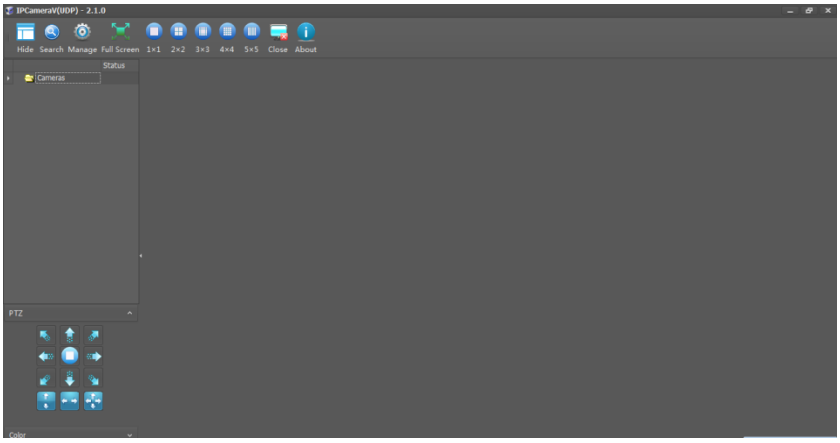
3. Access to Camera

Double click the icon 

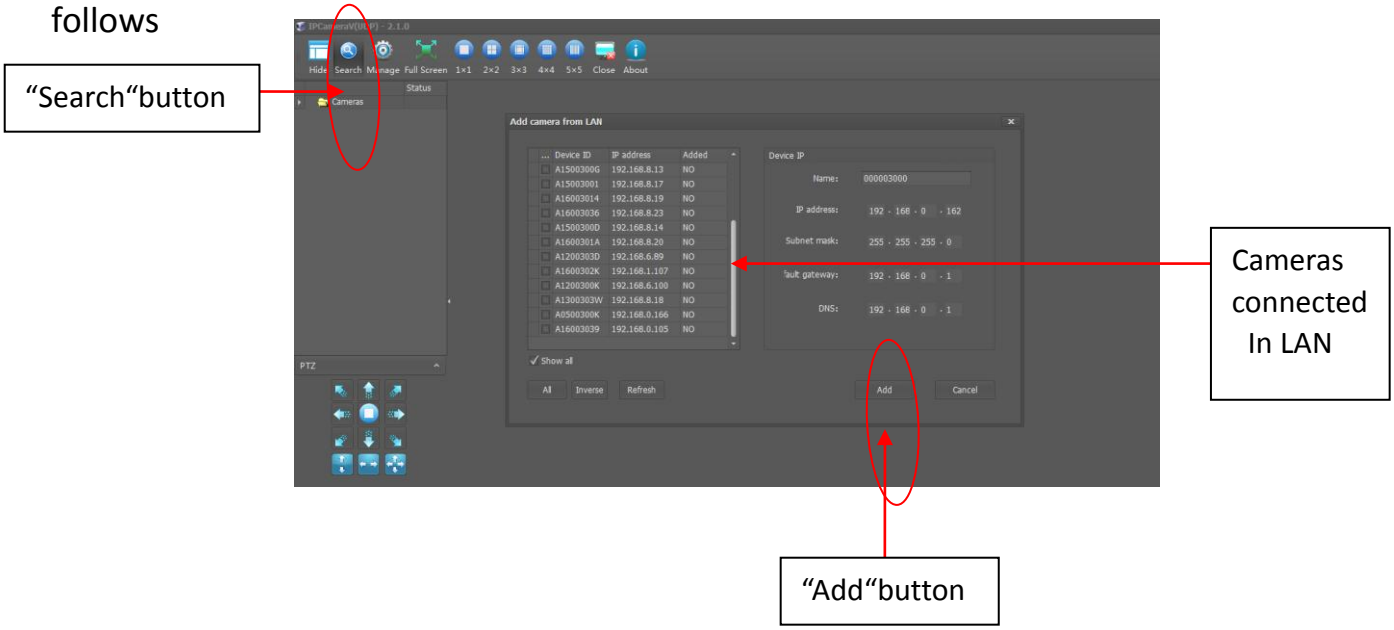
to login in; you will see the following interface



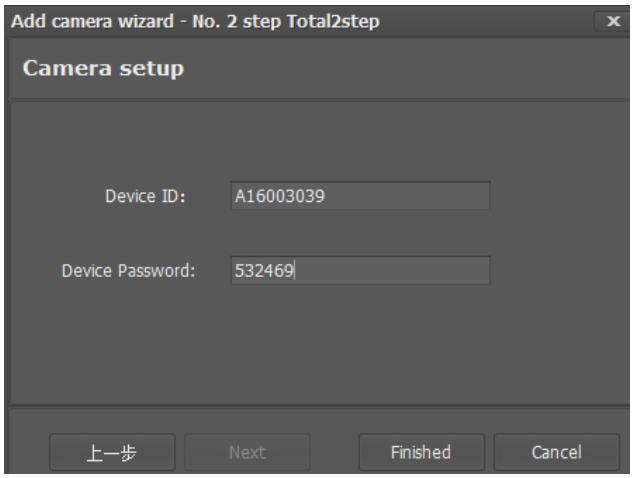
After click “Login”, you will login the client software as below



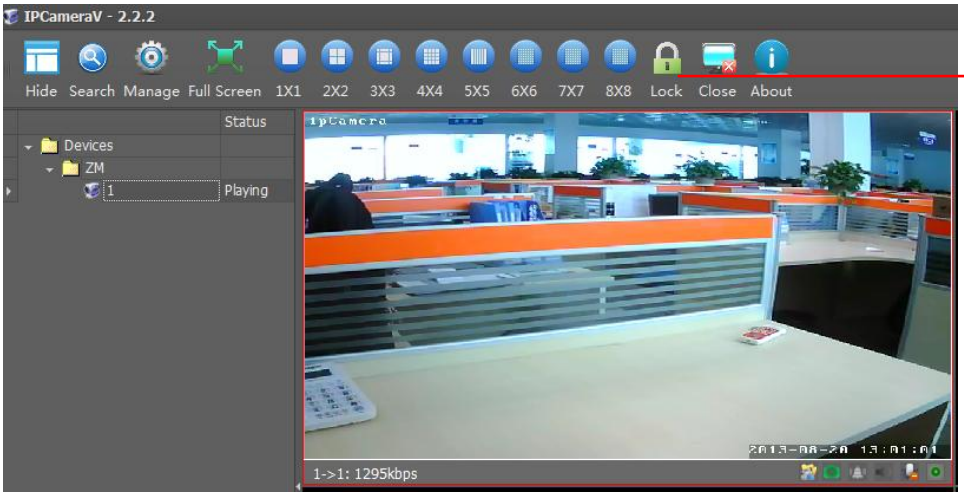
Click the button “search”, the cameras connected into LAN will be shown up as follows



Select one camera, and click “Add”, the following interface will pop-up, fill in “Device ID” and “Password”(the device ID and password are in the label attached onto camera housing), and click “Finished”, the camera will be added into the folder “Cameras” in the left side of the client software



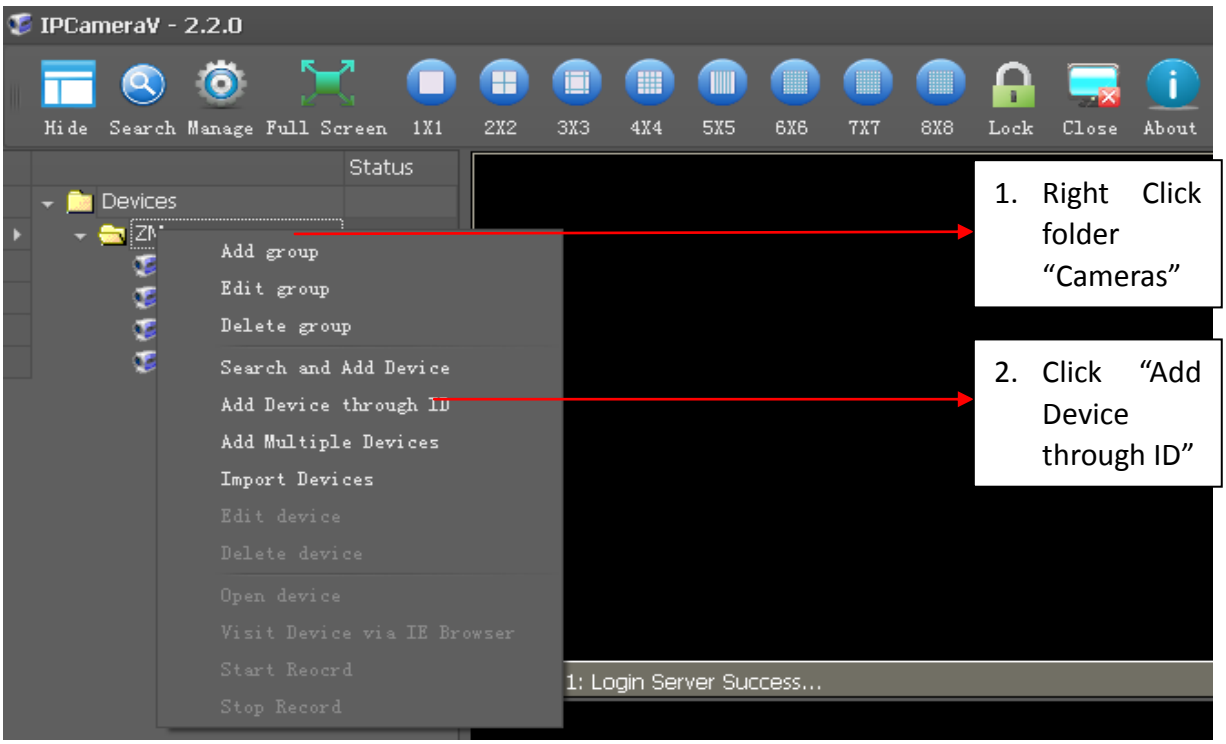
Double Click the added camera, you will access to the camera to see the video success like the following interface

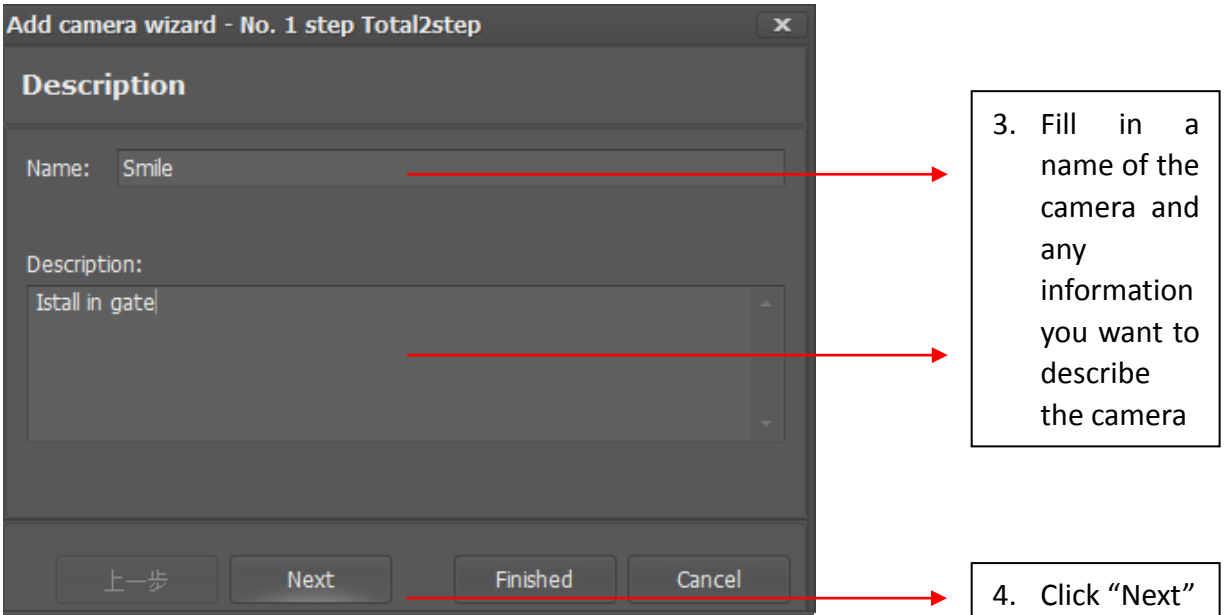


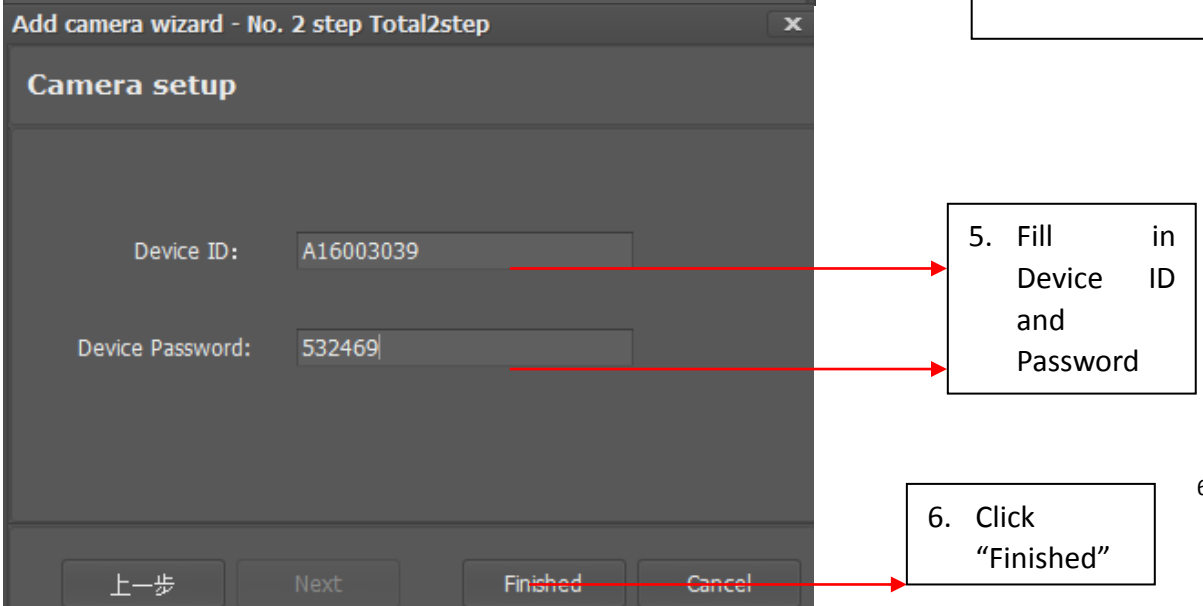
In order to avoid others to change your viewing setting, you can click “Lock” to set a password to lock your viewing window

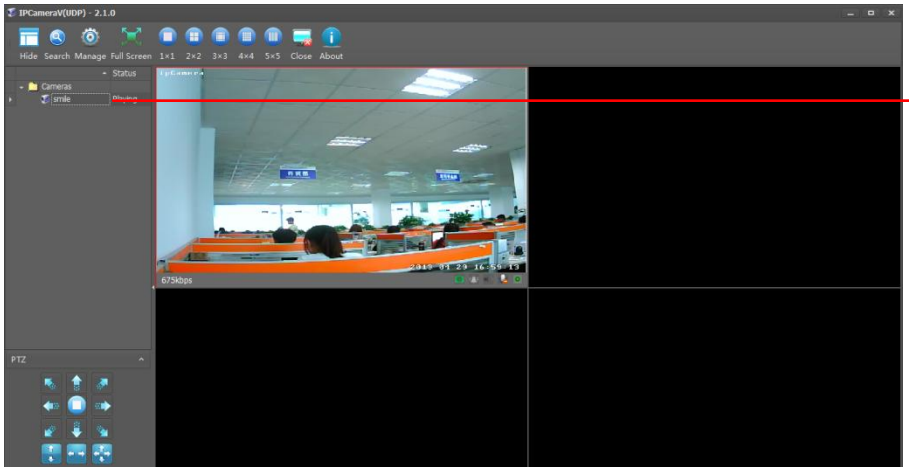
Remote Access to Camera in WAN

If I want to visit the camera in WAN, how should I do?





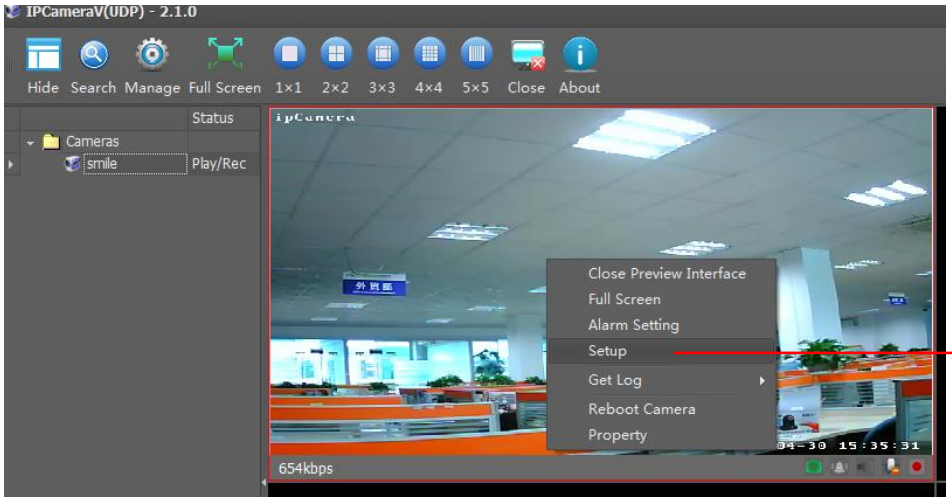




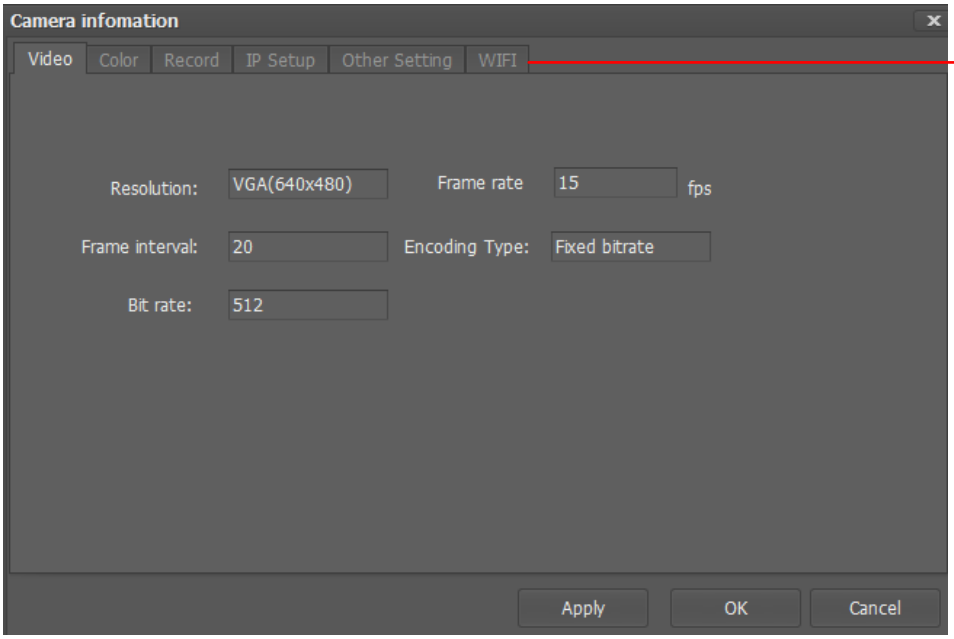
7. Double click the camera added under the folder of “Cameras”, you will see the video success

4. Wireless WIFI Setting

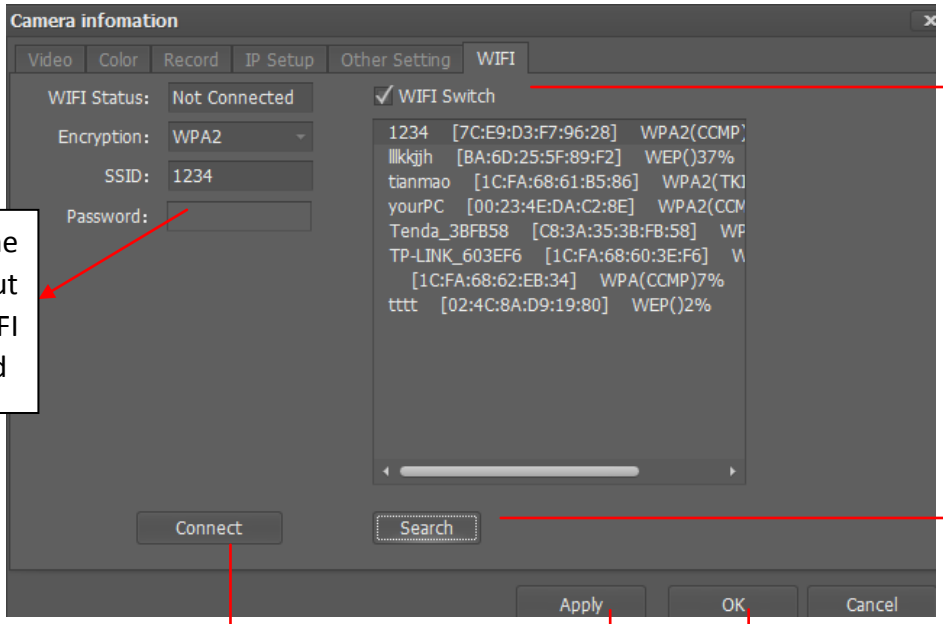
(Connect camera to internet by WIFI instead of Network Cable)



1. Select the video of the camera you want to set WIFI, right click the mouse, and click “Setup”



2. Click “WIFI”



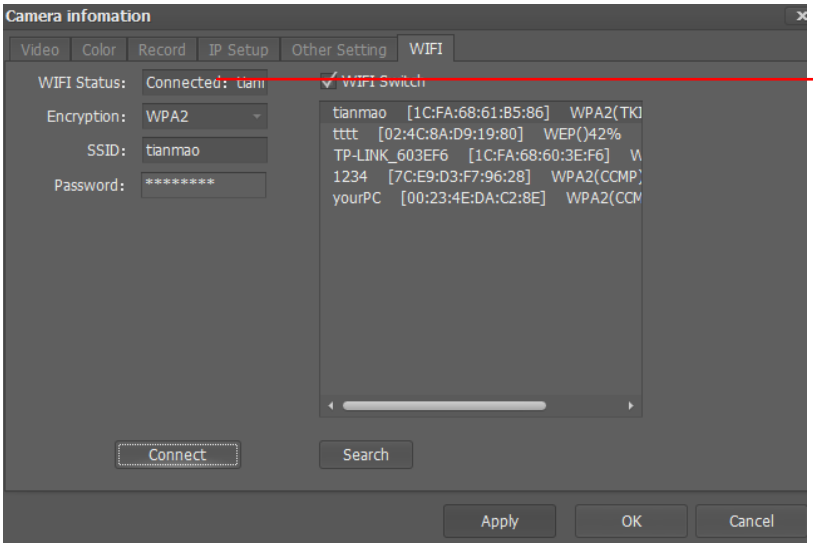
3. Check "WIFI Switch"

5. Select one and input the WIFI password

4. Click "Search", the WIFI signals will be shown up

6. Click "Connect", after about 10S, the WIFI will be connected

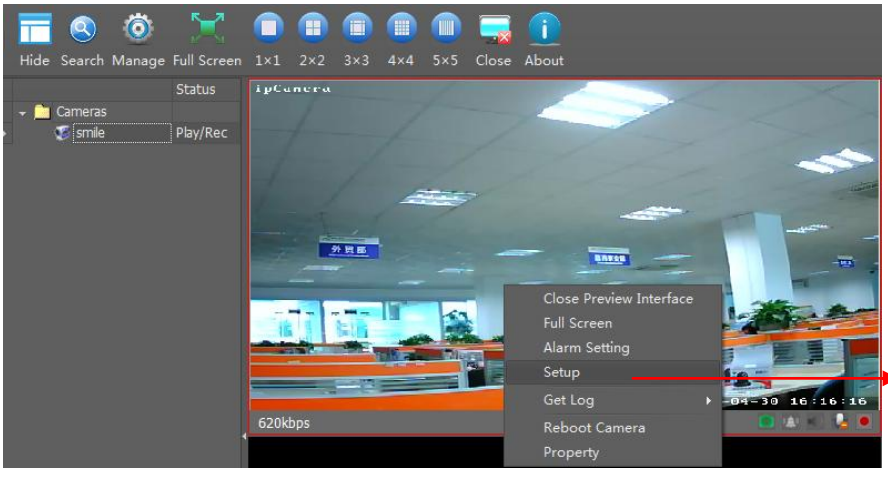
7. Click "Apply" and "OK"



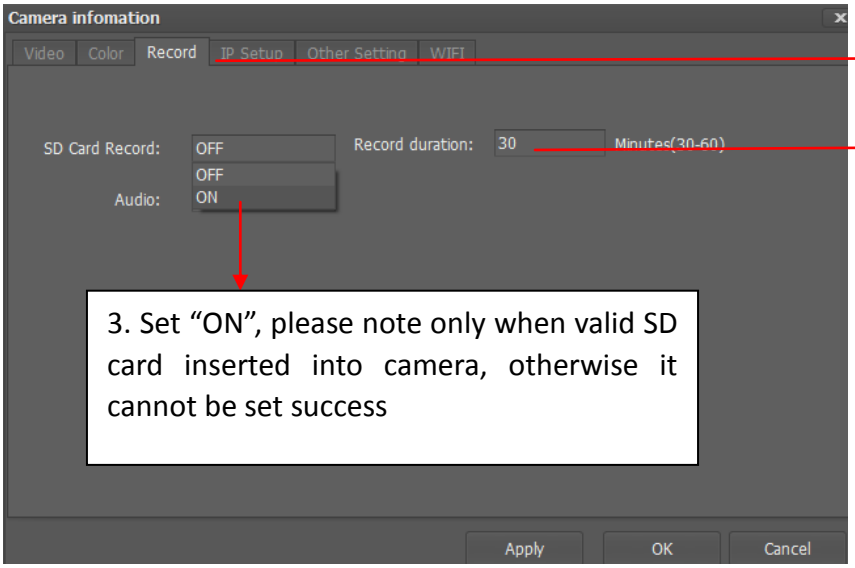
8. In order to check whether the WIFI setting success or not, we recommend you check the WIFI Status at last, "Connected" means setting success, "Not Connected" means setting failure.

5. Record and snapshot

5.1 Record onto SD Card



1. Select the video of the camera you want to record video onto SD card, then right click mouse, and then click "Setup"



2. Click “Record”

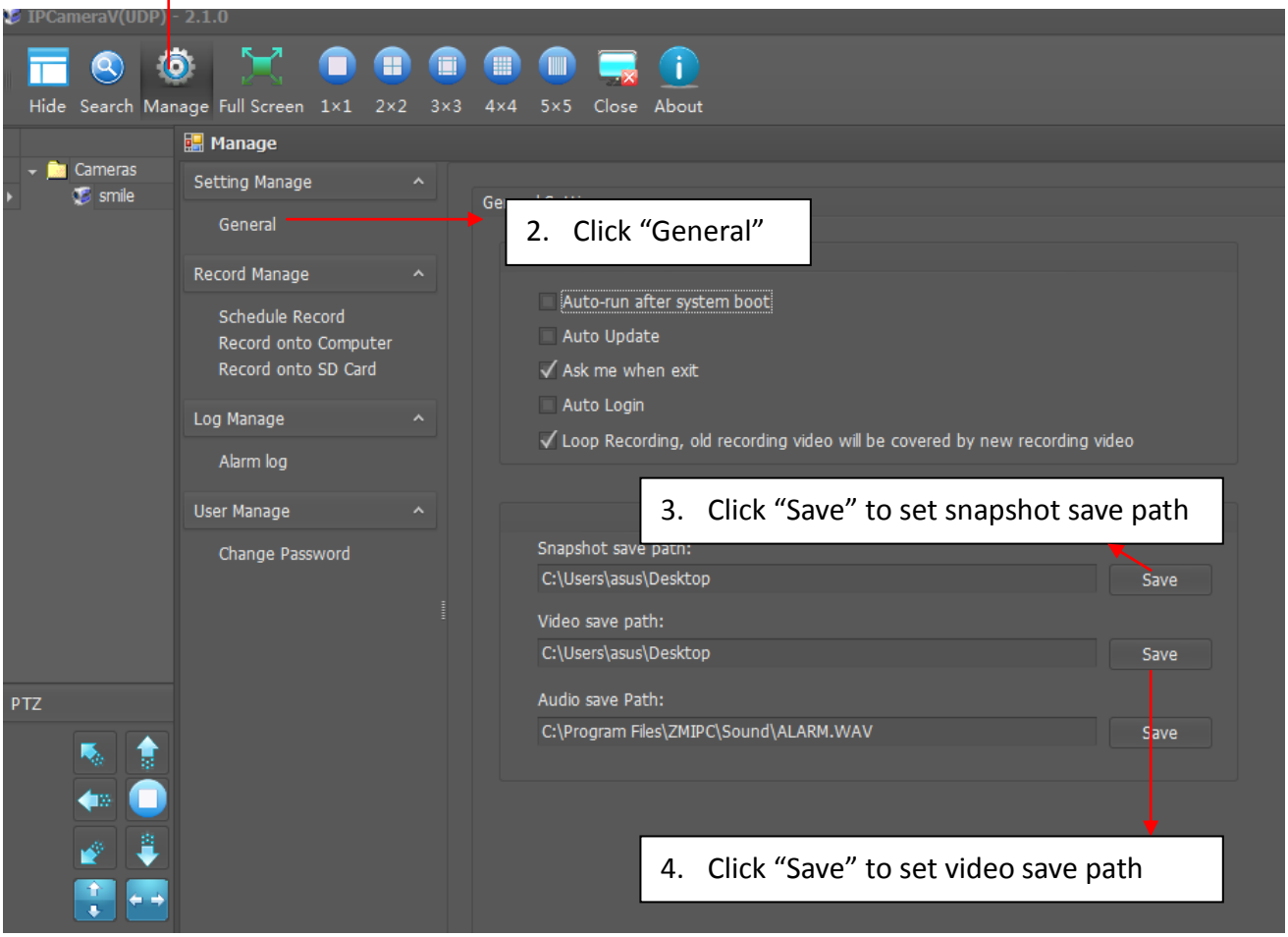
4. Set record duration of time, for example, if you set “30”, which means a video file will be created every 30 minutes

3. Set “ON”, please note only when valid SD card inserted into camera, otherwise it cannot be set success

5.2 Record onto Computer

Quick Record and snapshot

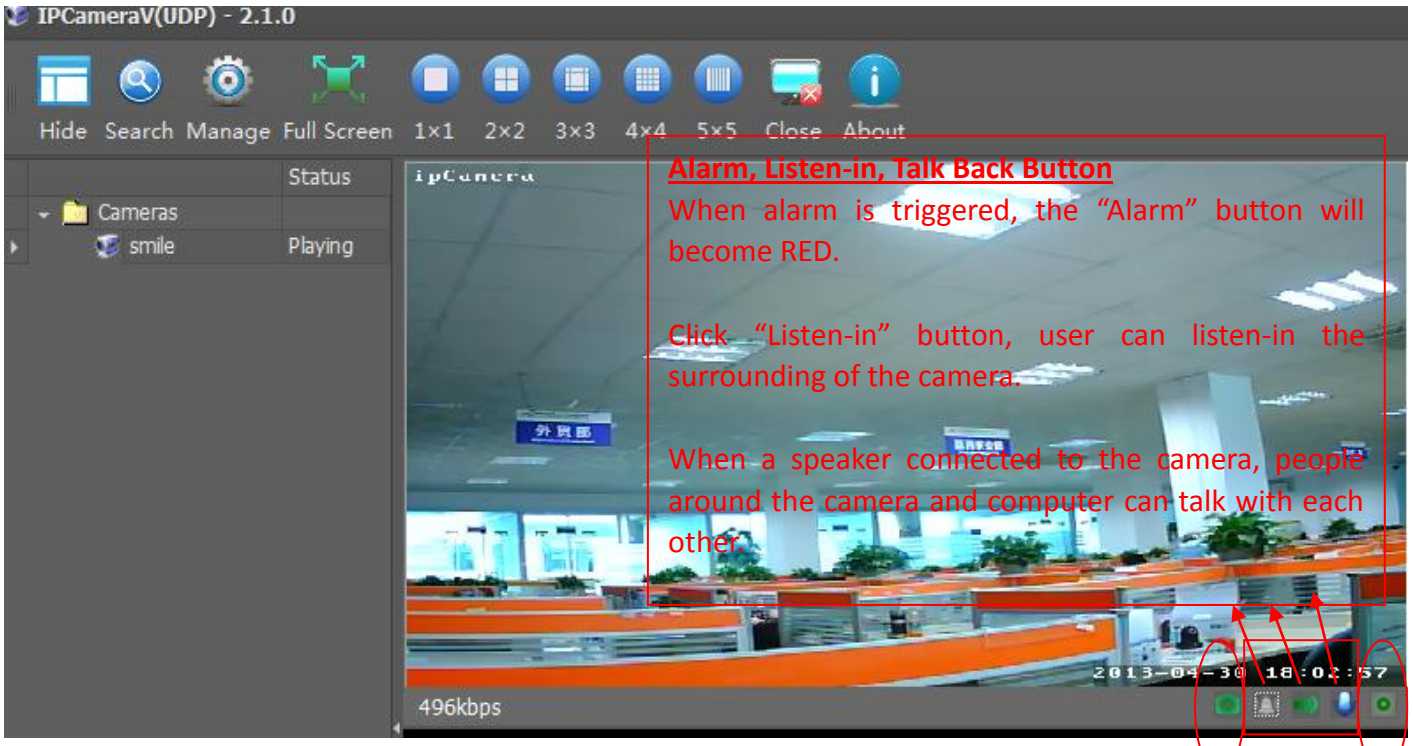
1. Click “Mange”



2. Click “General”

3. Click “Save” to set snapshot save path

4. Click “Save” to set video save path



Click this button to take snapshot

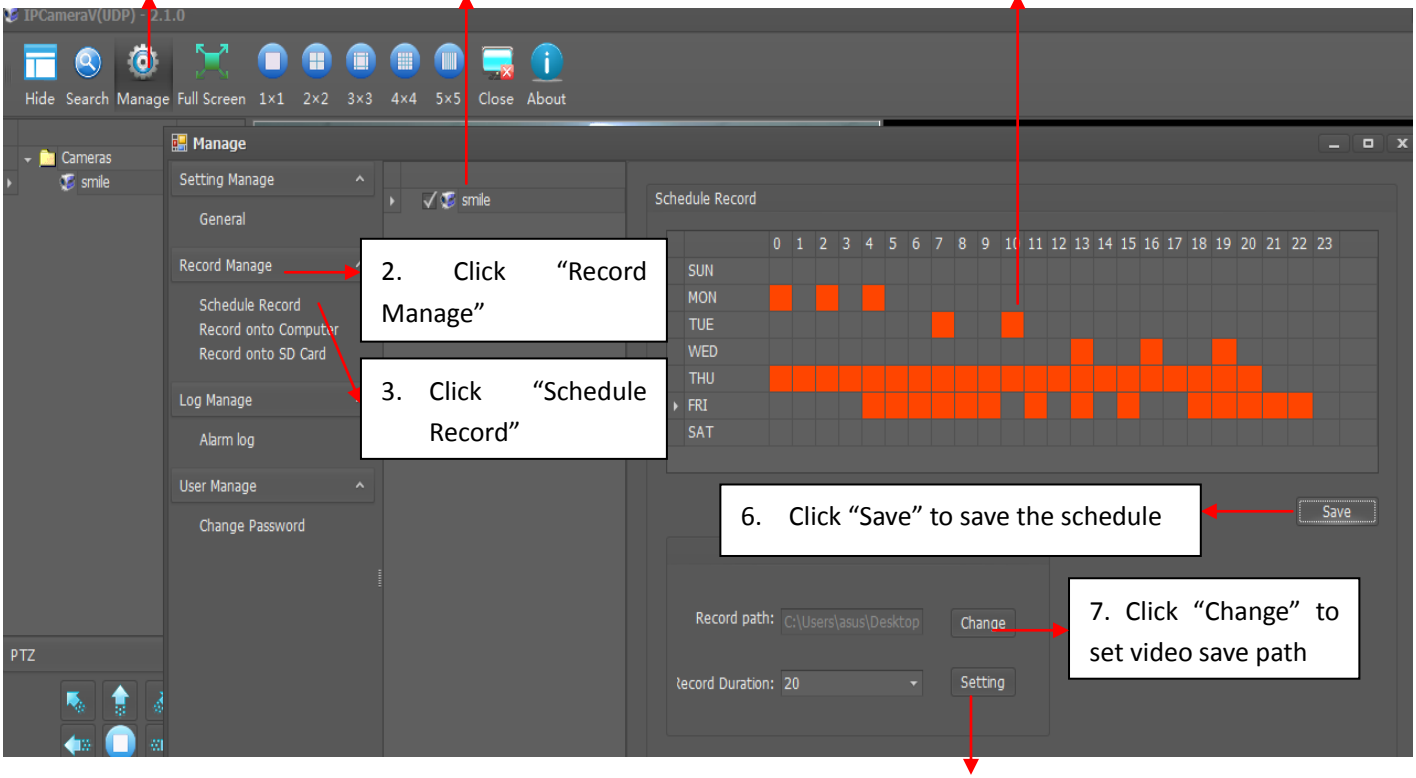
Click this button to start recording video

Schedule Record

1. Click "Manage"

4. Select Camera

5. Set the schedule of recording, red square means the camera will record video at this selected time



2. Click "Record Manage"

3. Click "Schedule Record"

6. Click "Save" to save the schedule

7. Click "Change" to set video save path

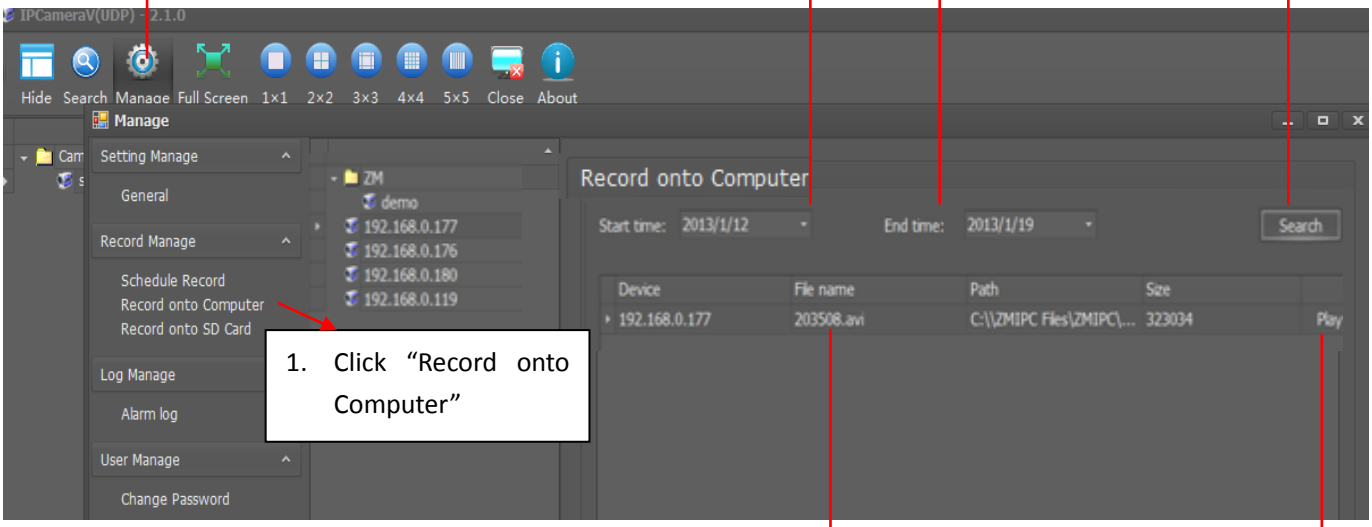
8. Click "Setting" to set record duration of time, for example, if you set 20, which means a video file will be created every 20 minutes

6. Playback Video

6.1 Playback Video Recorded onto Local Computer

1. Click “Manage”

2. Set start time and end time, and then click “Search”

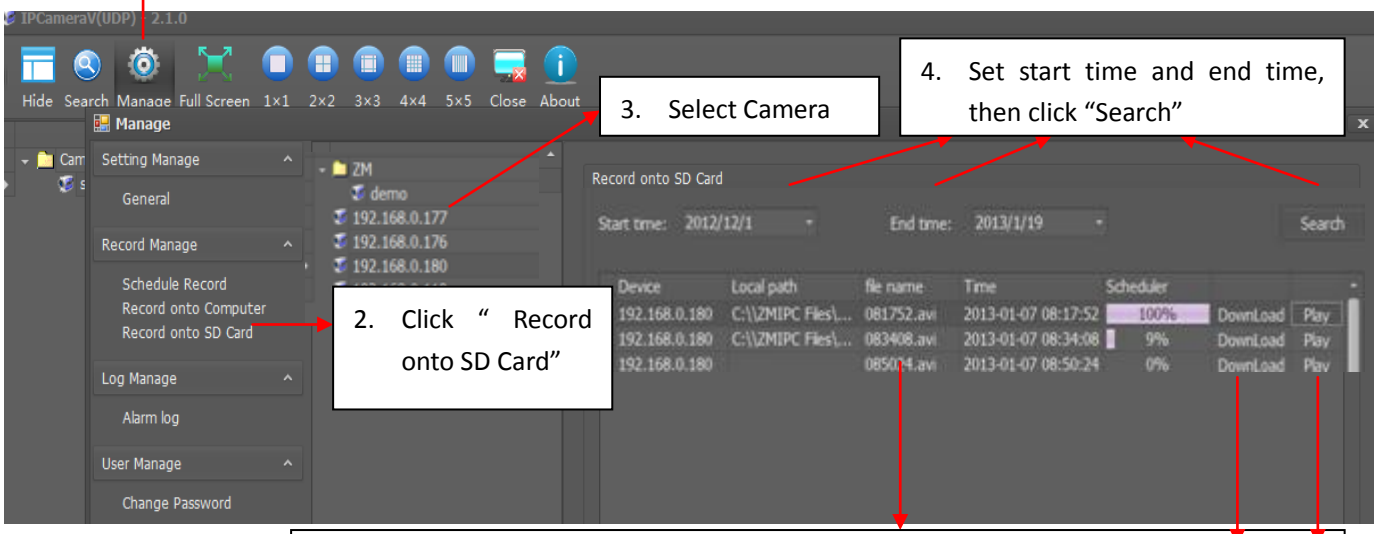


1. Click “Record onto Computer”

4. The video recorded during the selected time will be shown up, click “Play” to playback the video

6.2 Remote Playback Video Recorded onto SD Card

1. Click “Manage”



2. Click “ Record onto SD Card”

3. Select Camera

4. Set start time and end time, then click “Search”

5. The video recorded during the selected time will be shown up, click “Download”, after the video is downloaded completely, and click “Play” to playback the video

7. Alarm Setting

7.1 Alarm Introduction

Alarm Setting includes "**Alarm Source**" and "**Alarm Strategy**".

Alarm Source means what will trigger alarm.

Alarm Strategy means how the camera will notify alarm.

Alarm Source:

Motion Detection: Alarm will be triggered when the camera detects the motion object.

I/O Input Detection: Alarm will be triggered when the I/O Input detects low-level voltage signal.

Alarm Strategy: (Except Alarm Email, the other strategies in the following is valid only when SD card is available)

Alarm Email: Camera sends email (including snapshot and event) to the preset email address when alarm is triggered.

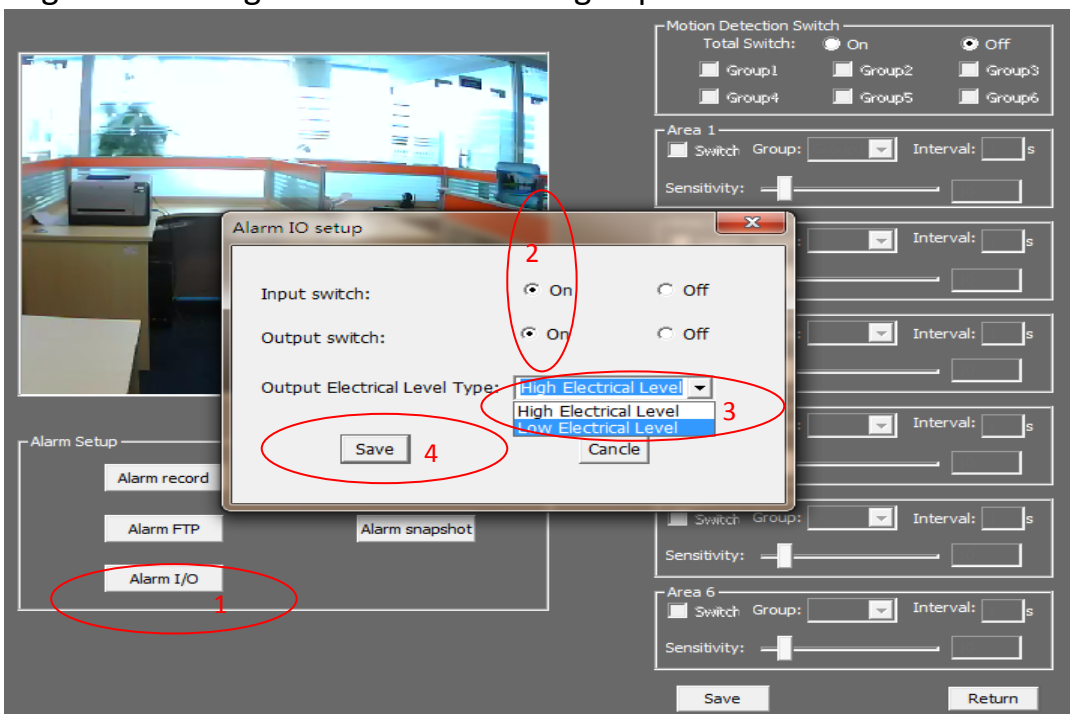
Alarm FTP: Camera sends pictures to the preset FTP server when alarm is triggered.

Alarm Record: Camera records video onto SD Card when alarm is triggered.

Alarm Snapshot: Camera takes snapshot and save it onto SD Card when alarm is triggered.

7.2 Alarm I/O Description:

Click "Alarm I/O" to set I/O input detection and I/O output voltage level. When I/O input is enabled, low-level voltage will trigger alarm. Alarm I/O output is high-level voltage and low-level voltage optional.



7.3 Motion Detection Description

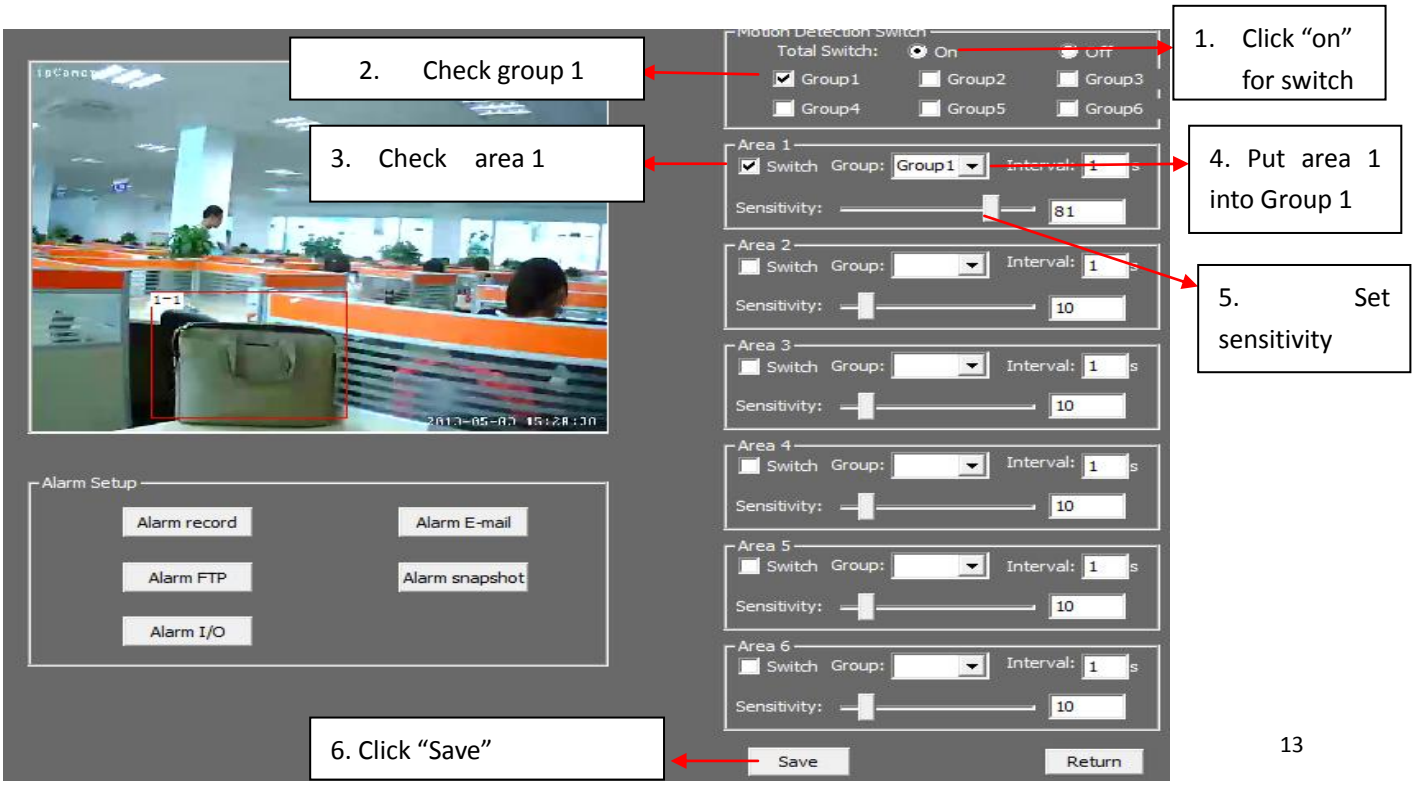
The Motion Detection function of our cameras is much more intelligent and flexible. The special designed "Six Areas Linkage Control" System greatly reduces the false alarm.

The actualizing form of Motion Detection consists of Group, Area, Sensitivity, and Interval.

Item	Description
Group	User can set SIX groups alarms at most
Area	User can set SIX areas for an alarm, only when SIX areas are all triggered, the alarm will be triggered. Such is "Six Areas Linkage Control" System. Comparing with ONE area triggered system, this system greatly reduces the false alarm. Note: One group supports Six areas at most; user can set 1-6 areas according to different requirement.
Sensitivity	The sensitivity of motion detection, the smaller value is, the higher sensitivity is. High sensitivity means alarm is triggered easily.
Interval	The interval of time between the current area and the previous area
1-1 Meaning of number	The first "1" means the number of area (6 areas at most), the second "1" means group (6 groups at most). 1-1 means the first area of the first group

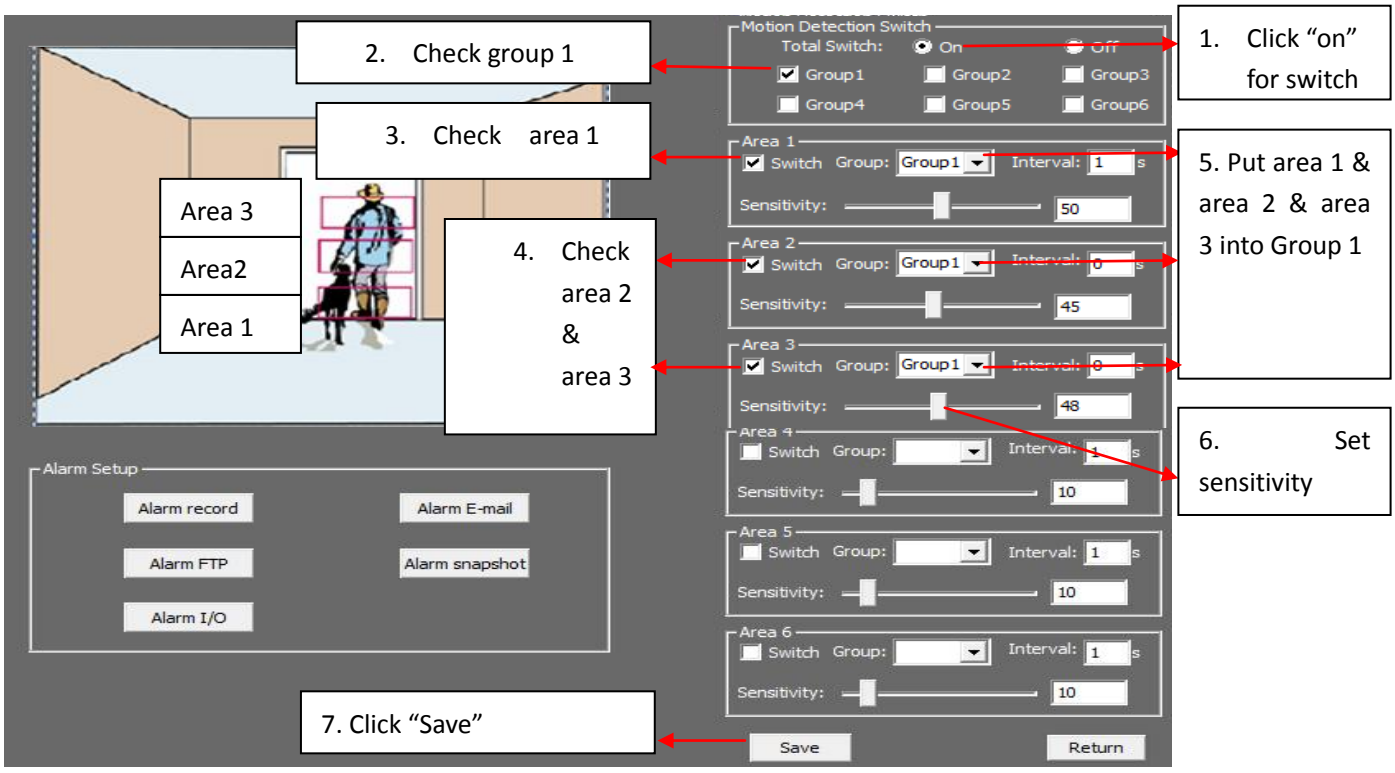
Application 1: One area trigger:

For example: When the bag is moved, the alarm is triggered.



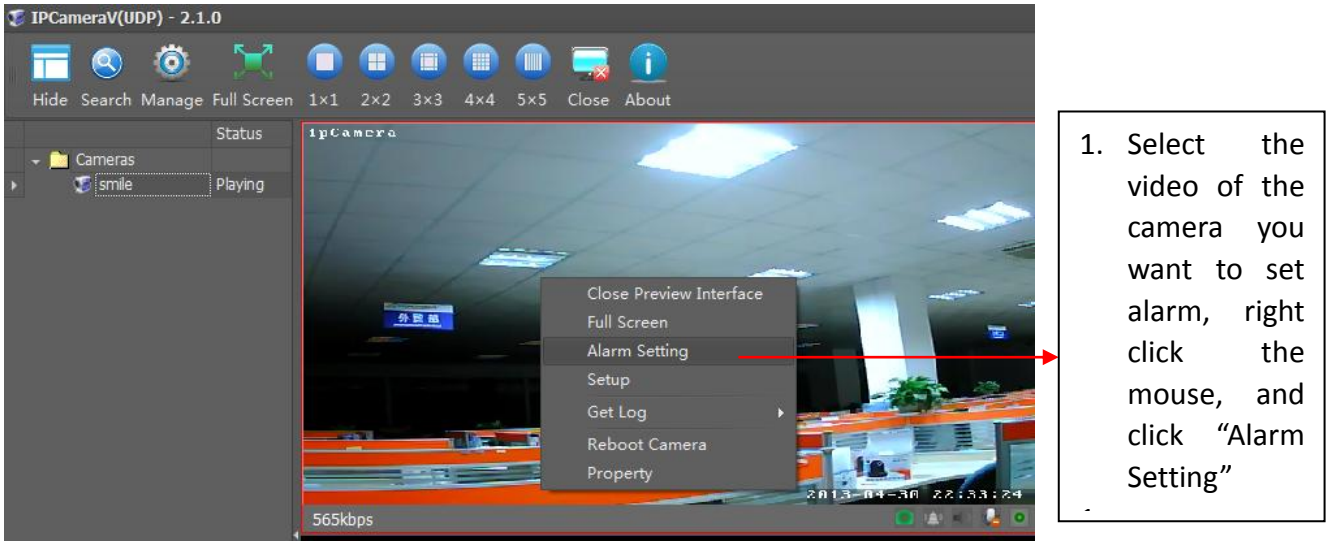
Application 2: Several areas trigger:

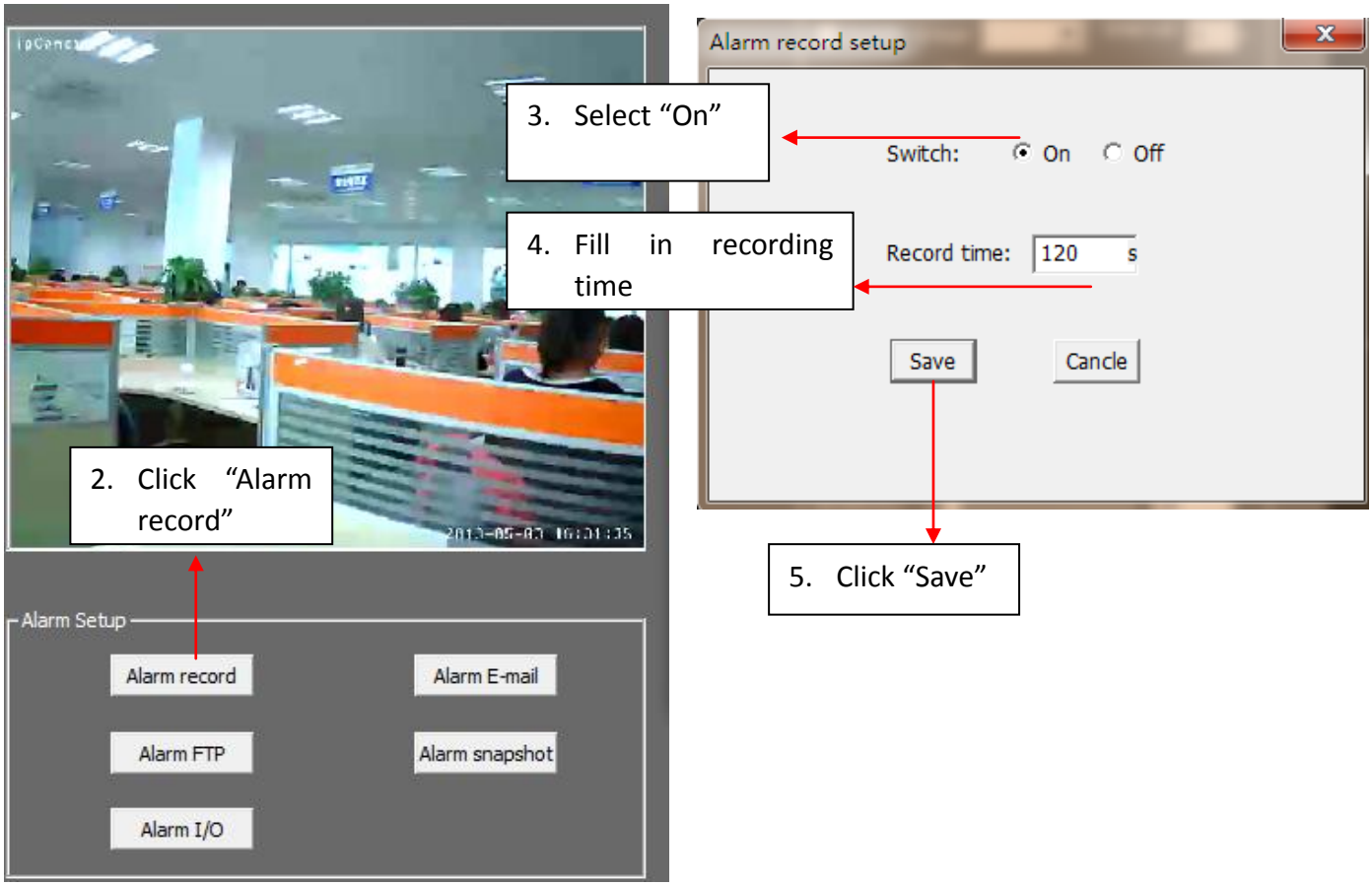
For example: Only when a person is getting in door, the alarm is triggered. If only a dog (or some other little animal) is getting in the door, the alarm will be not triggered, as the dog can't trigger THREE areas at the same time. (This system greatly reduces false alarm)



7.4 Alarm Record:

When alarm is triggered, the camera will record video onto SD Card



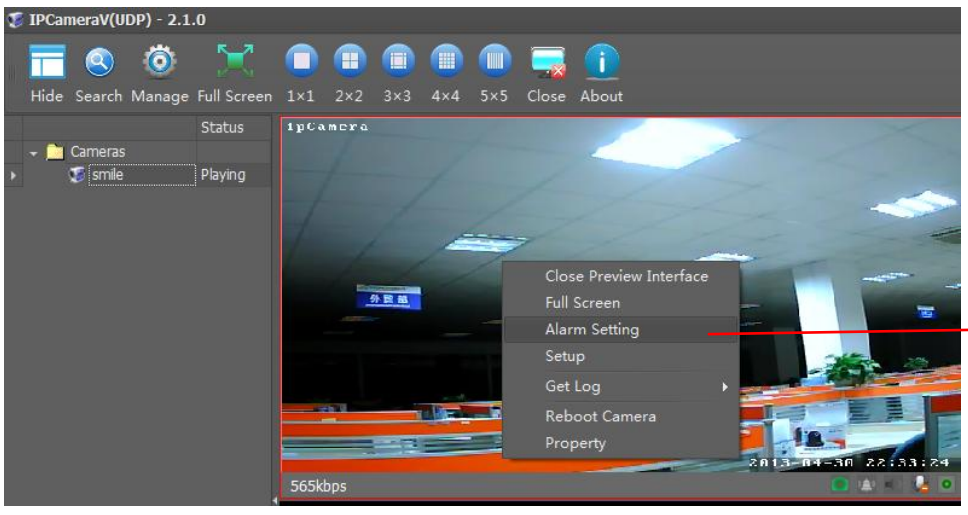


7.5 Alarm Email

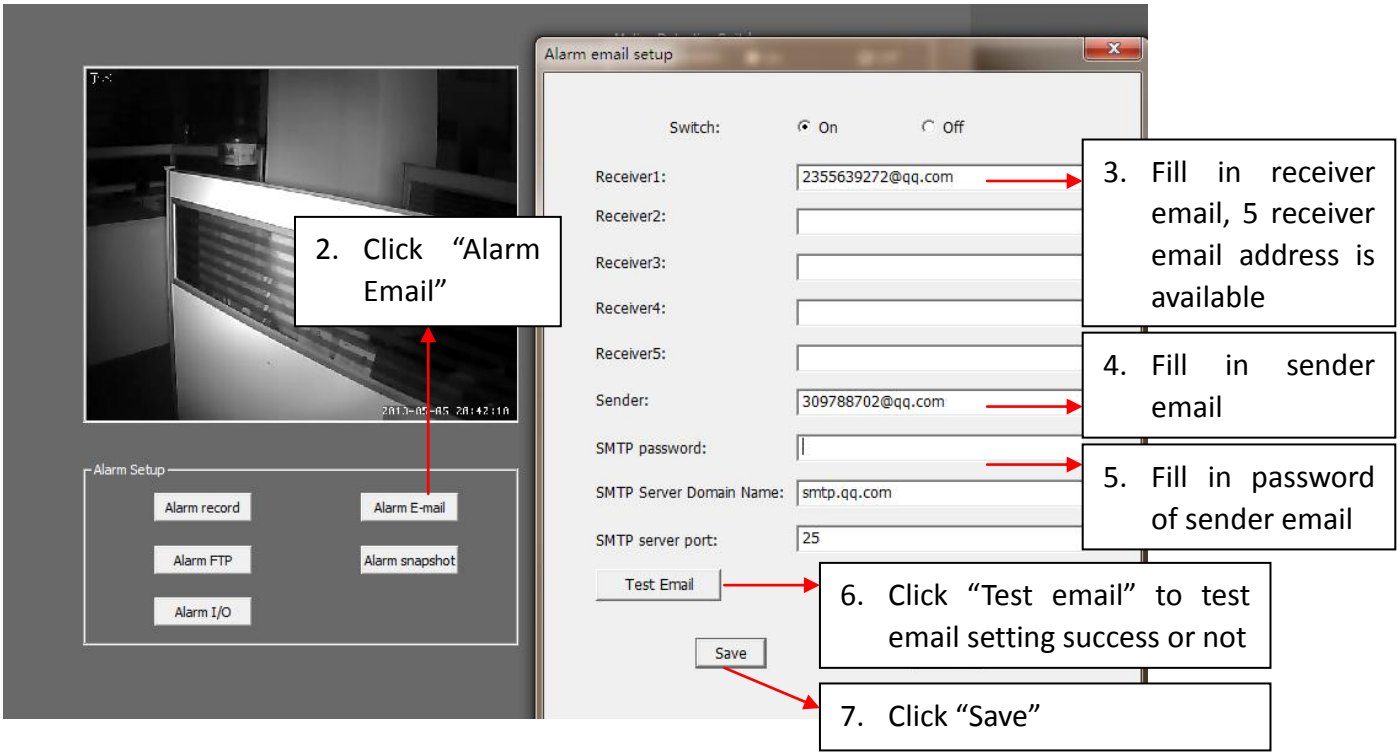
When alarm is trigged, you will be notified via email

(Outlook mail, Gmail, 163mail, 126mail and Sohu mail are available)

Notice: The SMTP/IMAP function of the email should be enabled first!



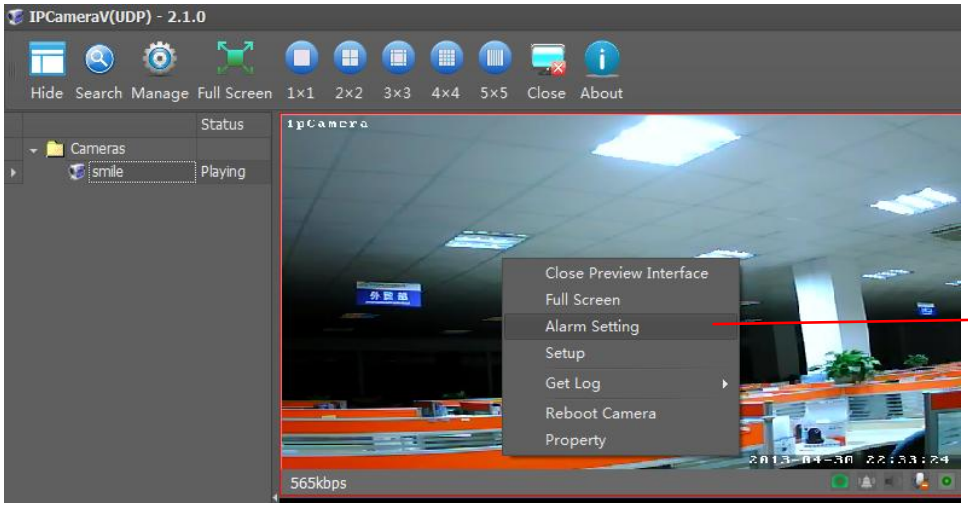
1. Select the video of the camera you want to set alarm, right click the mouse, and click “Alarm Setting”

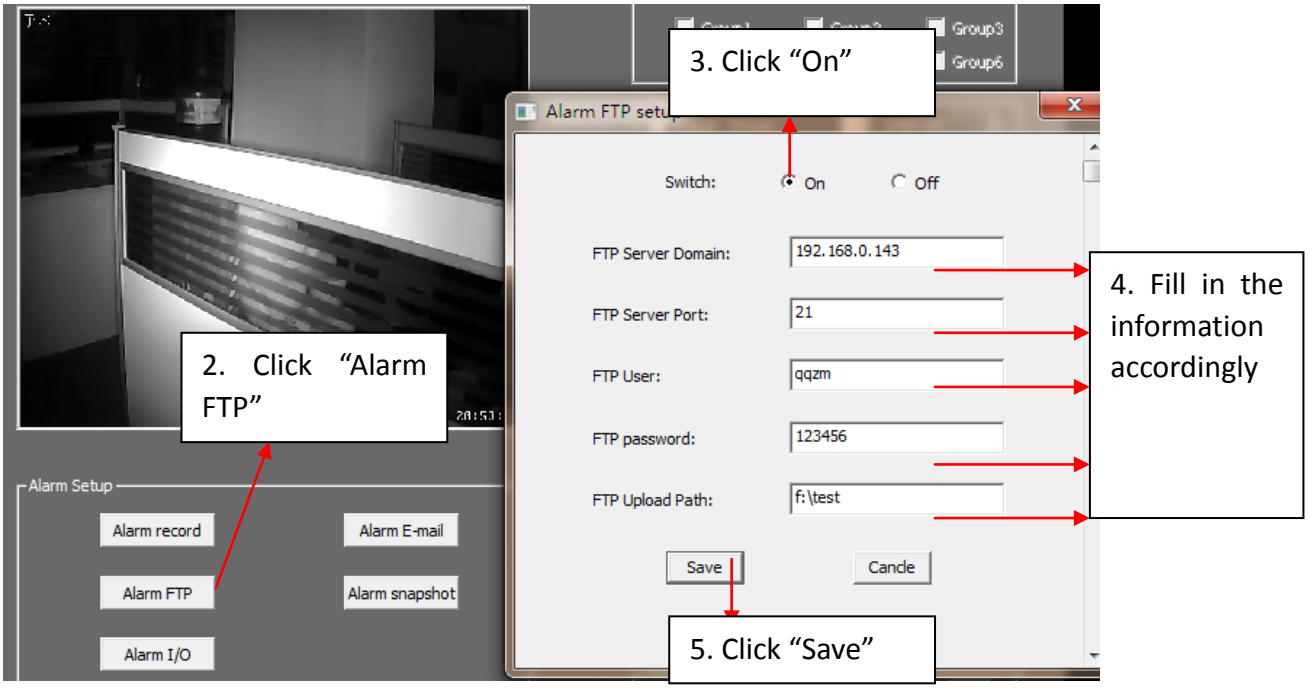


7.6 Alarm FTP

Camera sends pictures to the preset FTP server when alarm is triggered.

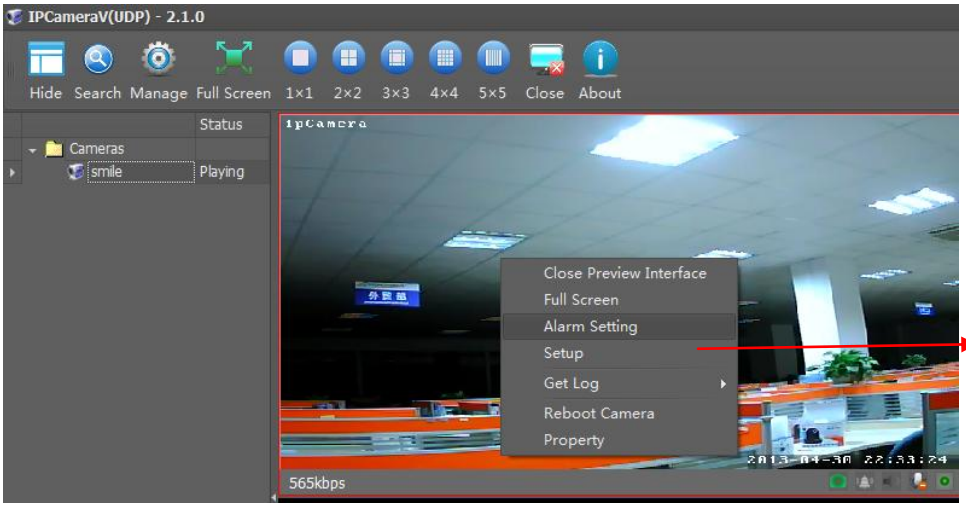
Notice: Please build a FTP server first!



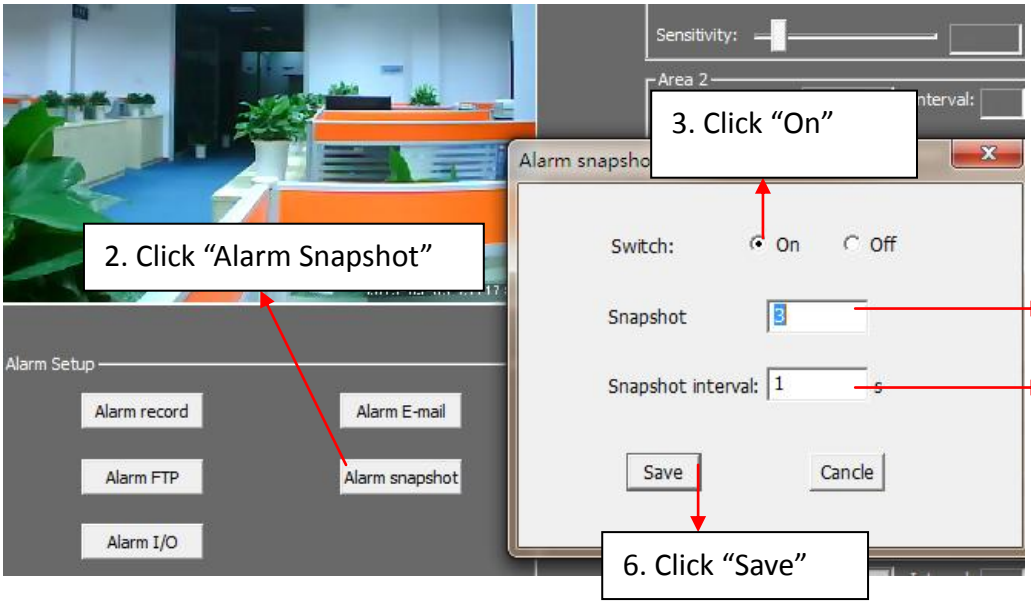


7.7 Alarm Snapshot

Camera takes snapshot and save it onto SD Card when alarm is triggered.



1. Select the video of the camera you want to set alarm, right click the mouse, and click “Alarm Setting”



4. Fill in the quantity of snapshot

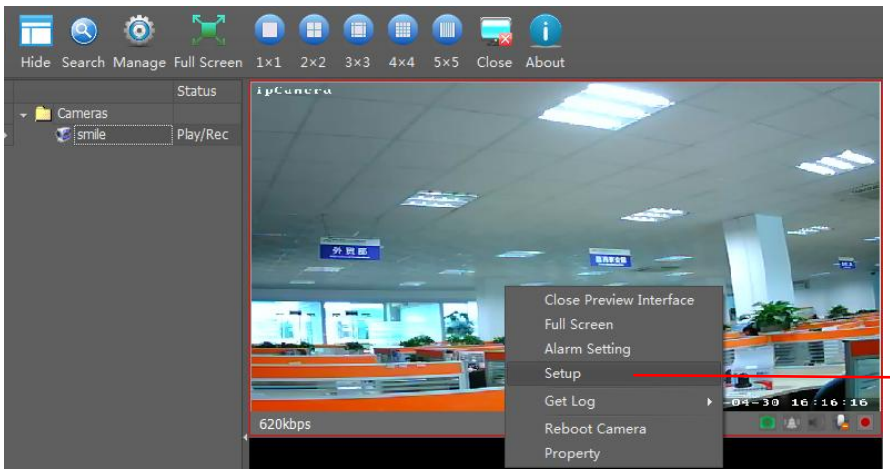
5. Fill in the interval of time between two snapshots

8. Password Management

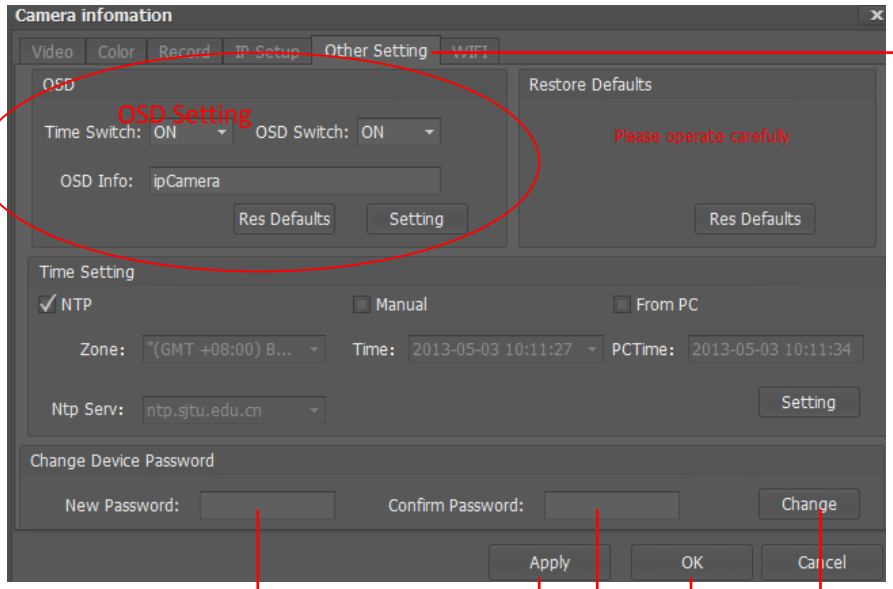
8.1 Password of Camera

Every camera has an unique ID and Password, and the ID and Password are shown on the label attached onto the camera housing. We strongly recommend user change the password after the first login.

Steps of changing camera's password:



1. Select the camera you want to change the password, then right click the mouse, and then click "Setup"



2. Click "Other Setting"

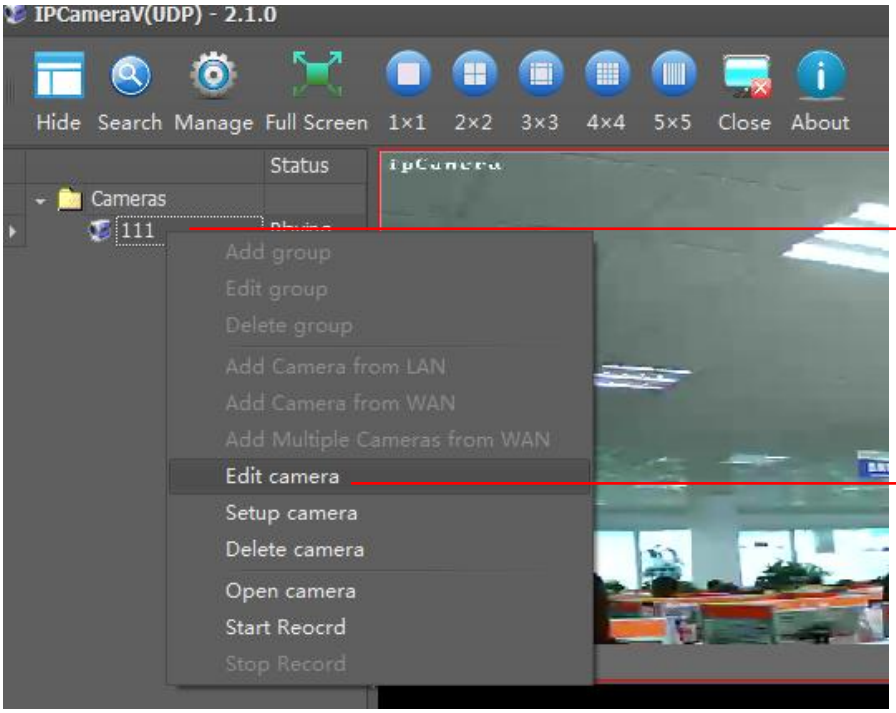
3. Fill in "New Password" & "Confirm Password" and click "Change", then click "Apply" and "OK"

If I forget my password, how can I retrieve it again?

(Please note this operation is only valid for IPA01 series Home Pan-tile IP Cameras)

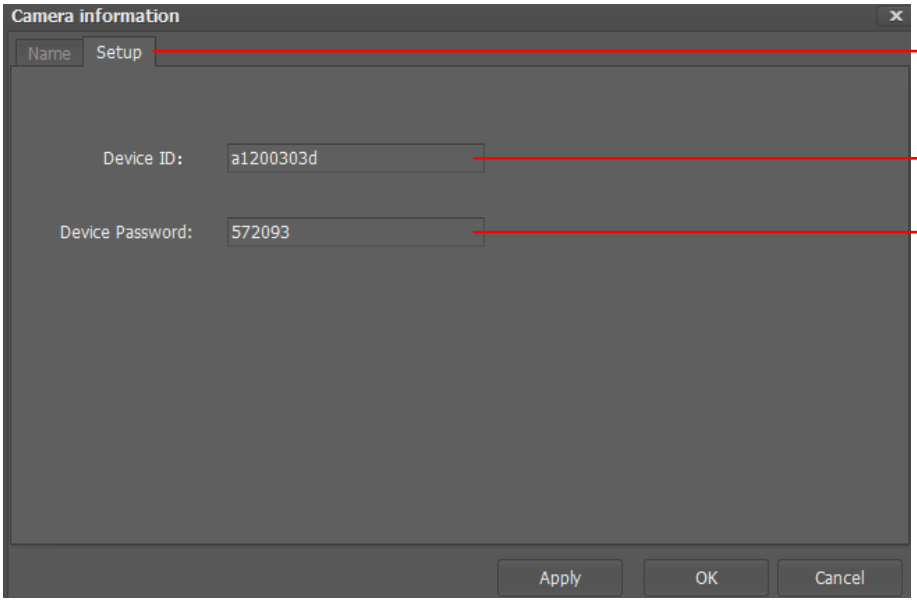
1. Push the RESET button at the BOTTOM of the housing for 5 seconds

2. Connect camera into LAN and login it (no need password at the moment)



3. Right Click the camera

4. Click "Edit Camera"



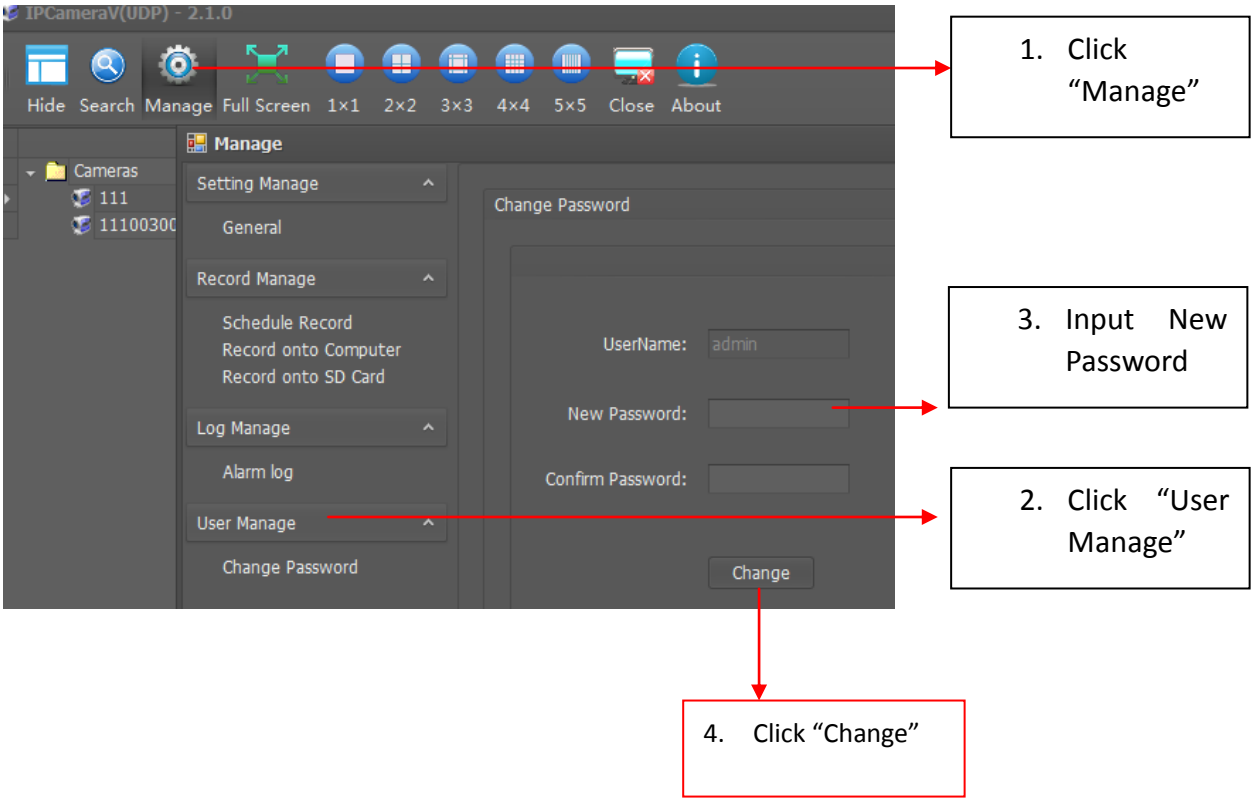
5. Click "Setup", the device ID and password will be shown up

Notice: You ONLY have ONE chance to retrieve the password, if you change the password again, the operation above will be not working again. Please contact us to retrieve your password.

8.2 Password of Client Software

The default password of the client software is “123456”, we recommend user change the password after your first login

The steps of changing password of client software



9. Visit Camera via Domain over Web Brower

(Please note we ignore this function for P2P cameras since June 2013, if you need this function, please inform us, we will enable it working for you)

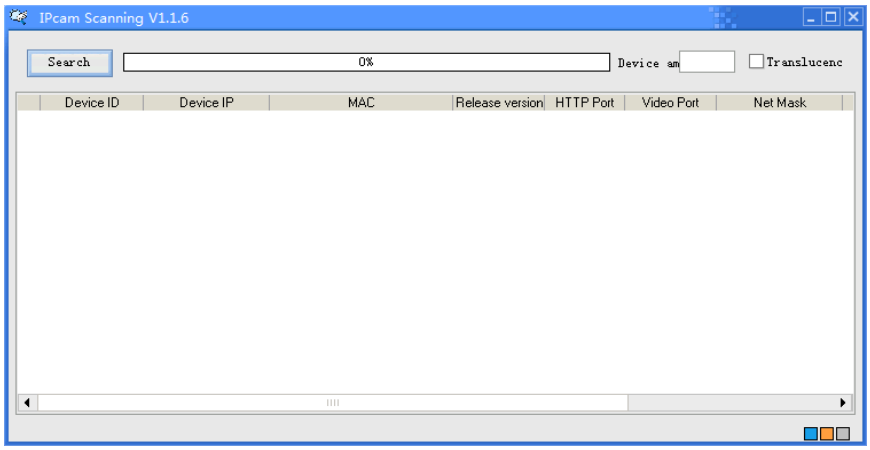
Our P2P IP Cameras not only support monitoring camera via Client Software, but also support viewing camera via Domain over Web Brower

There is a unique domain for every camera, and this domain is in the label attached onto the camera housing.

9.1 Access to camera via Domain

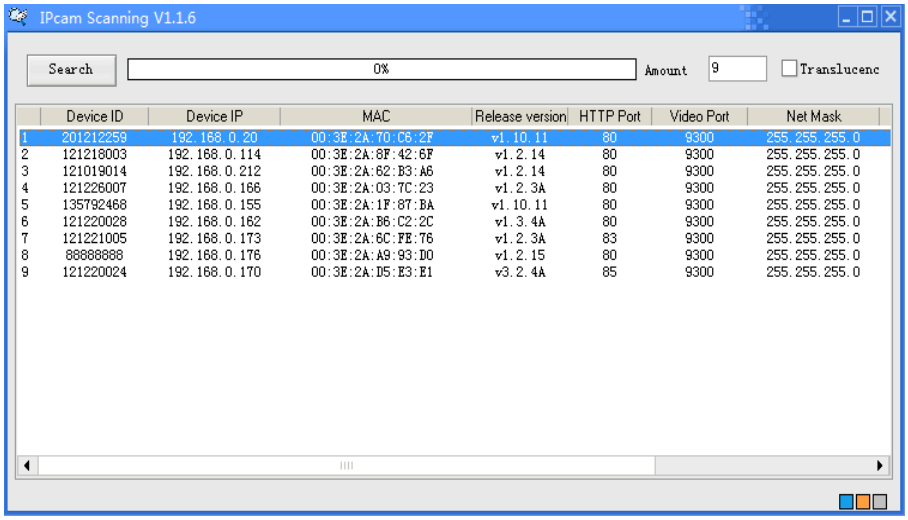
Use Camera finder software-"IPcam Scanning" to search IP Cameras in LAN (You can search camera in LAN via Client Software).

Please insert CD to computer and install Camera finder software-"IPcam Scanning"

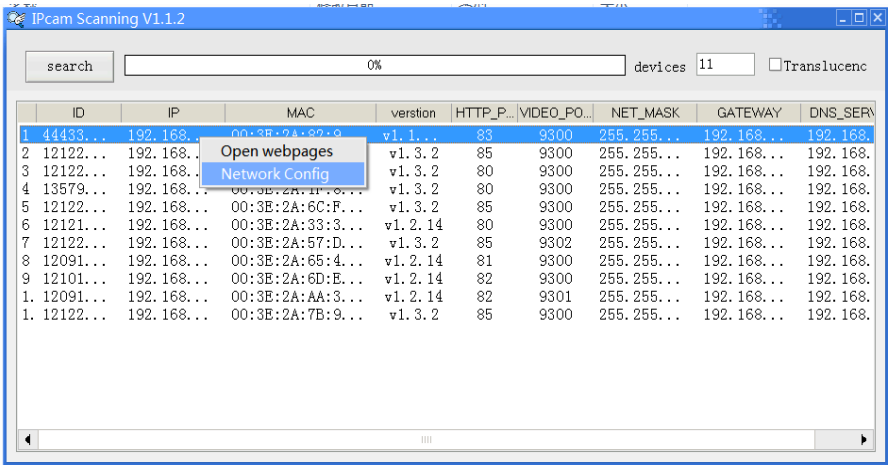


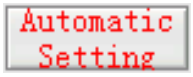
Click 

Button, Search IP Cameras in LAN.

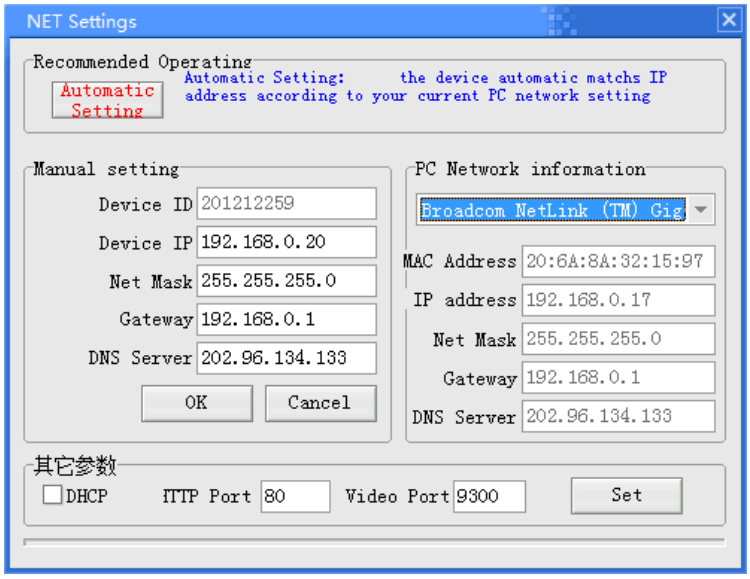


Select IP camera, i.e.: the IP camera with IP 192.168.0.150, Right Click the IP, select "Network Config"

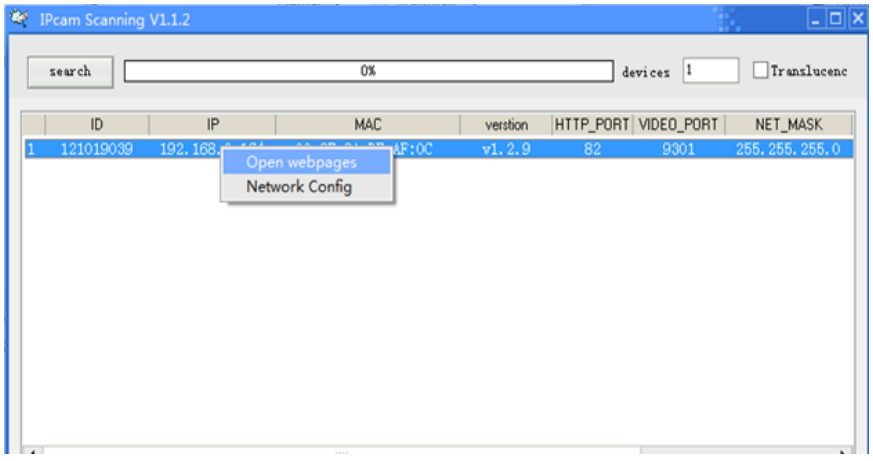


Click 

"Automatic setting" button, device will set network parameters automatically, and it will give a clue once it sets successfully, then please close the setting window like below



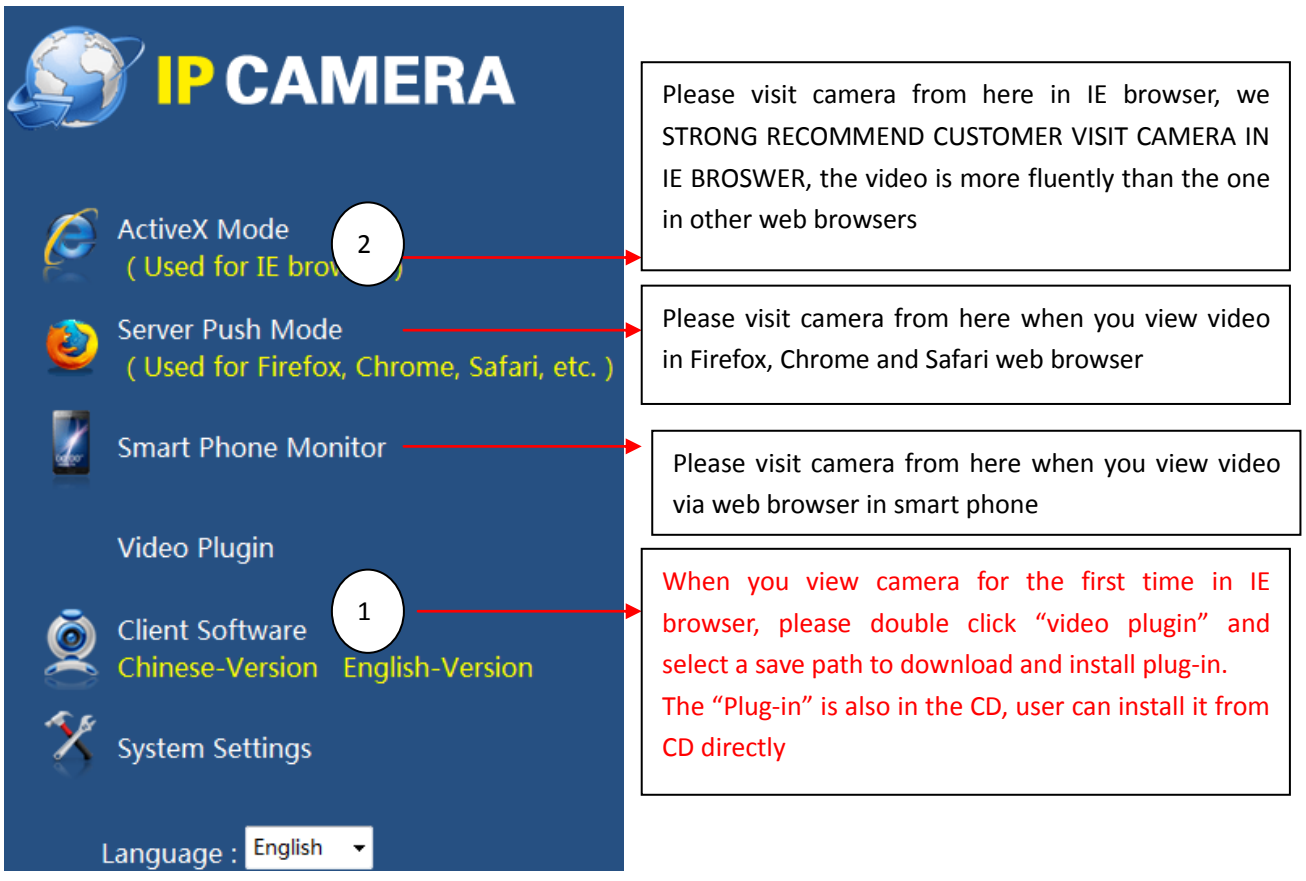
When the setting is already OK, Right Click Device IP to open Web page like below



Fill in 【User name】: Admin

Fill in【Password】: Every camera produced by us has a unique password, please find out the original password in the label attached to the bottom of device and the in the label onto the CD.

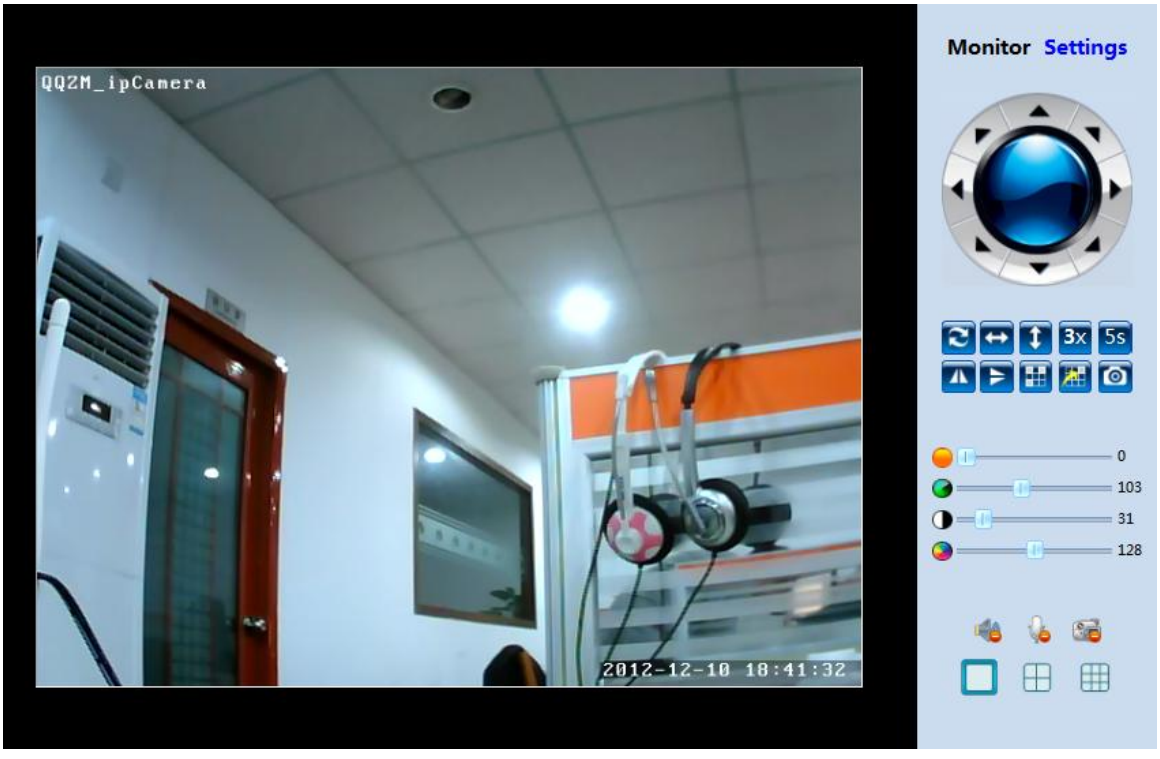
Click【OK】button to go to the Web interface like below

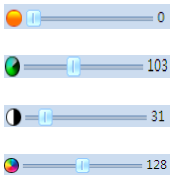


When you operate ActiveX, please click “Allow for all websites”, which enables you to view camera on any website

After the video plug-in installed successfully, you will access to the view window like below. Please operate ActiveX for the first time monitoring.

The left side is the real-time video monitoring interface; the right side is operational button panel.



Introduction of The Operational Button		
Button	Definition	Description
	Pan-Tilt Control	Change the mentoring direction and area
	Panoramic cruise	Rotate as horizontal 355° ,vertical 120° and go back to middle position
	Horizontal cruising	Change the mentoring direction and area horizontally
	Vertical cruising	Change the mentoring direction and area vertically
	Rotate Speed	Set Rotate speed, "1"means the slowest speed, "5" means the fastest speed
	Cruise Interval	Set the cruise frequency, you can select from 1 to 60s.
	Horizontal Image	Turn the image from left to right or from right to left
	Vertical Image	Turn the image from up side to down side or from down side to up side
	Preset Location	Pre-set desired monitoring location to realize fixed point monitoring function. The device supports to set 16 desired locations. Operation steps: 1. Click Pan-tilt control button  to set a diresd monitoring direction and area (for example: you change the direction and area to front door) 2. Click  to define a digital to the front door, for example, you define “1” to front door, which means you have already set the first desired monitrong location success, it is the front door 3. Repeat the steps above to set the second desired monitoring location; you can set 16 locations in total.
	Enable Preset Location	1. Click  . 2. Select the number, the camera will move to the direction and area corresponded with the number
	Snapshot	Click it to take a snapshot and set a saving path to computer
	Video adjust	Adjust the brightness, contrast, saturation of video
	Listen in	listen in to the camera's surroundings from the web browser side
	Talk back (voice talking)	People around the computer and IP Camera can talk with each other (there should be speaker connected to IP Camera)
	Record	Click it to take a record video and set a saving path to computer

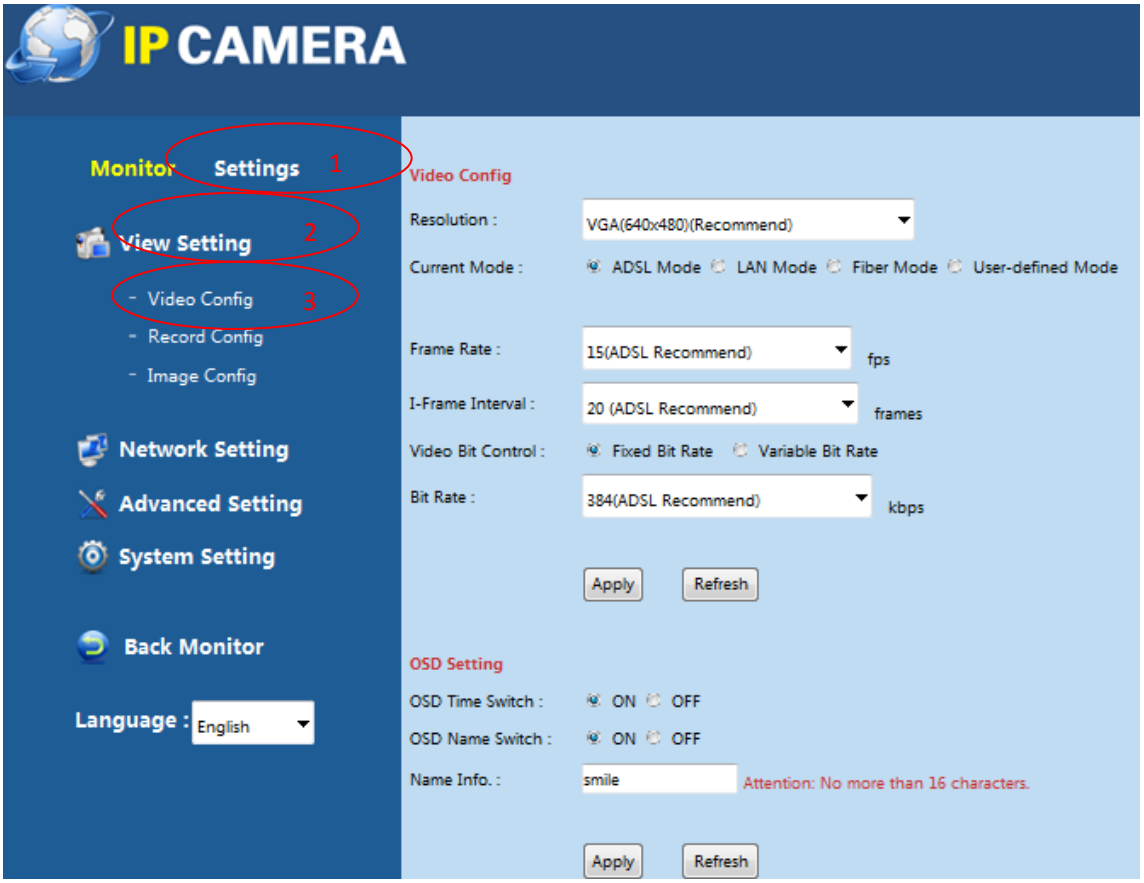
9.2 Setting

Setting includes “View Setting”, “Network Setting”, “Advanced Setting” and “System Setting”

View Setting: it includes “Video Config”, “Record Config” and “Image Config”.

Video Config: Set the video resolution, frame rate, bit rate and OSD information. The Higher frame rate and bit rate is, the bigger video data is. Lower frame rate and bit rate are recommended to set when user visit camera from WAN (internet).

User can set any OSD information onto video, but the OSD information should be no more than 16 characters.



Record Config: Set the SD card recording status. User can check if SD card inserted into camera, remained capacity, record status, and SD card format.

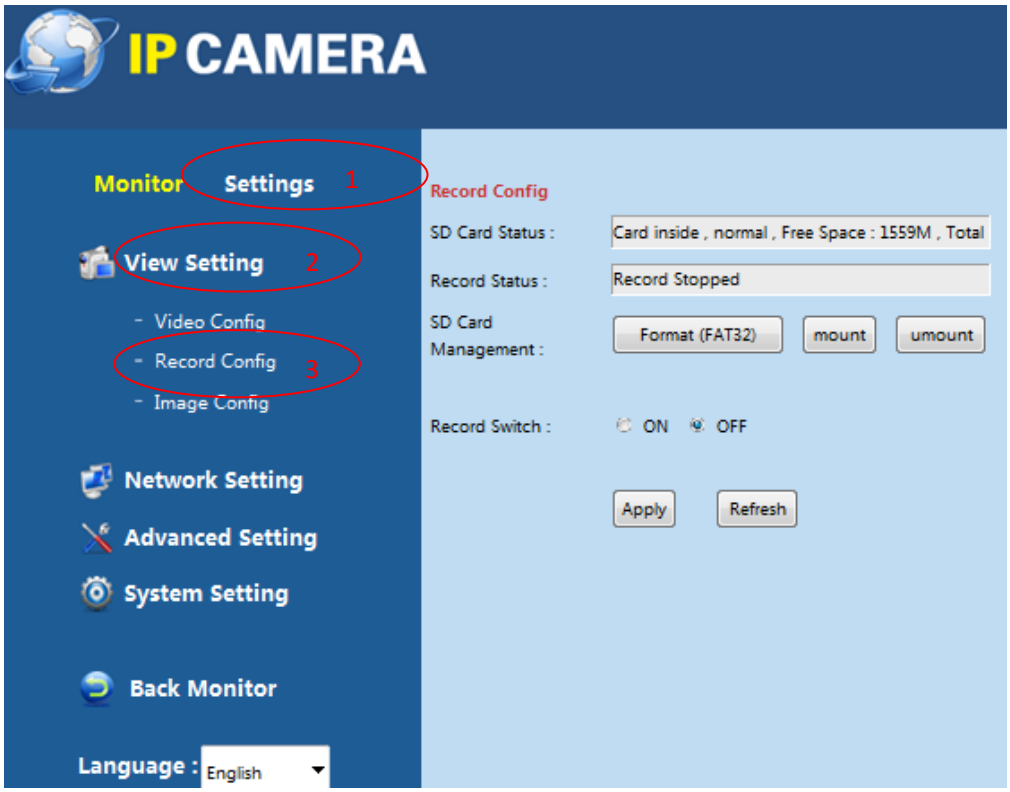
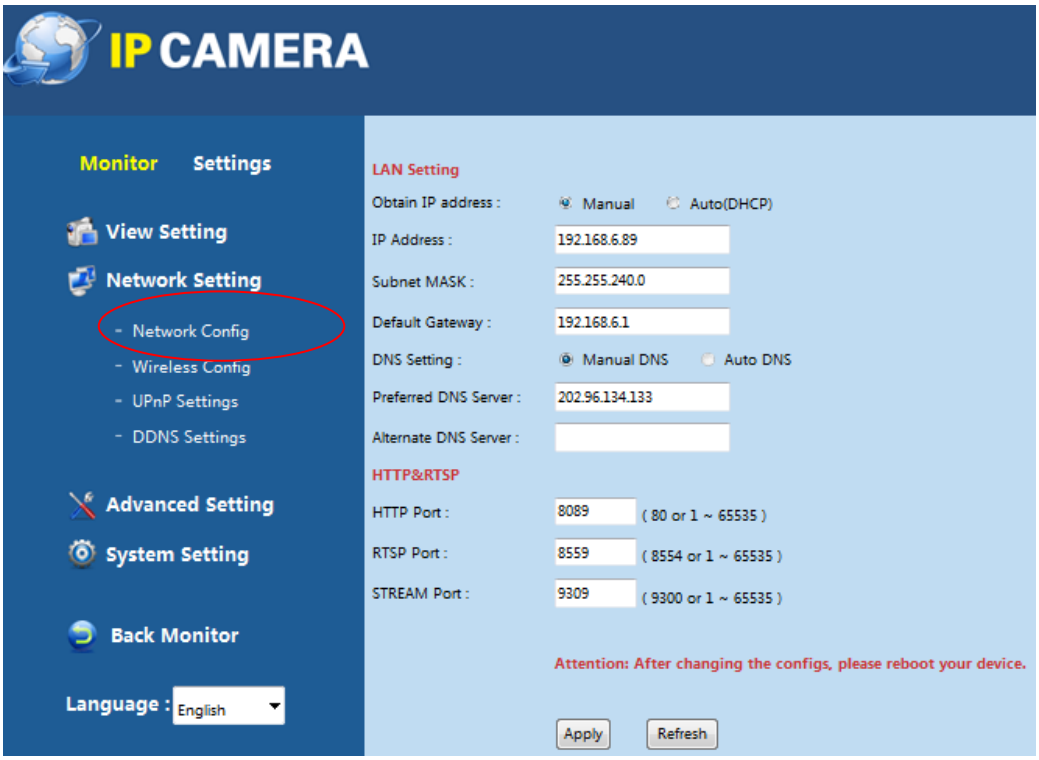


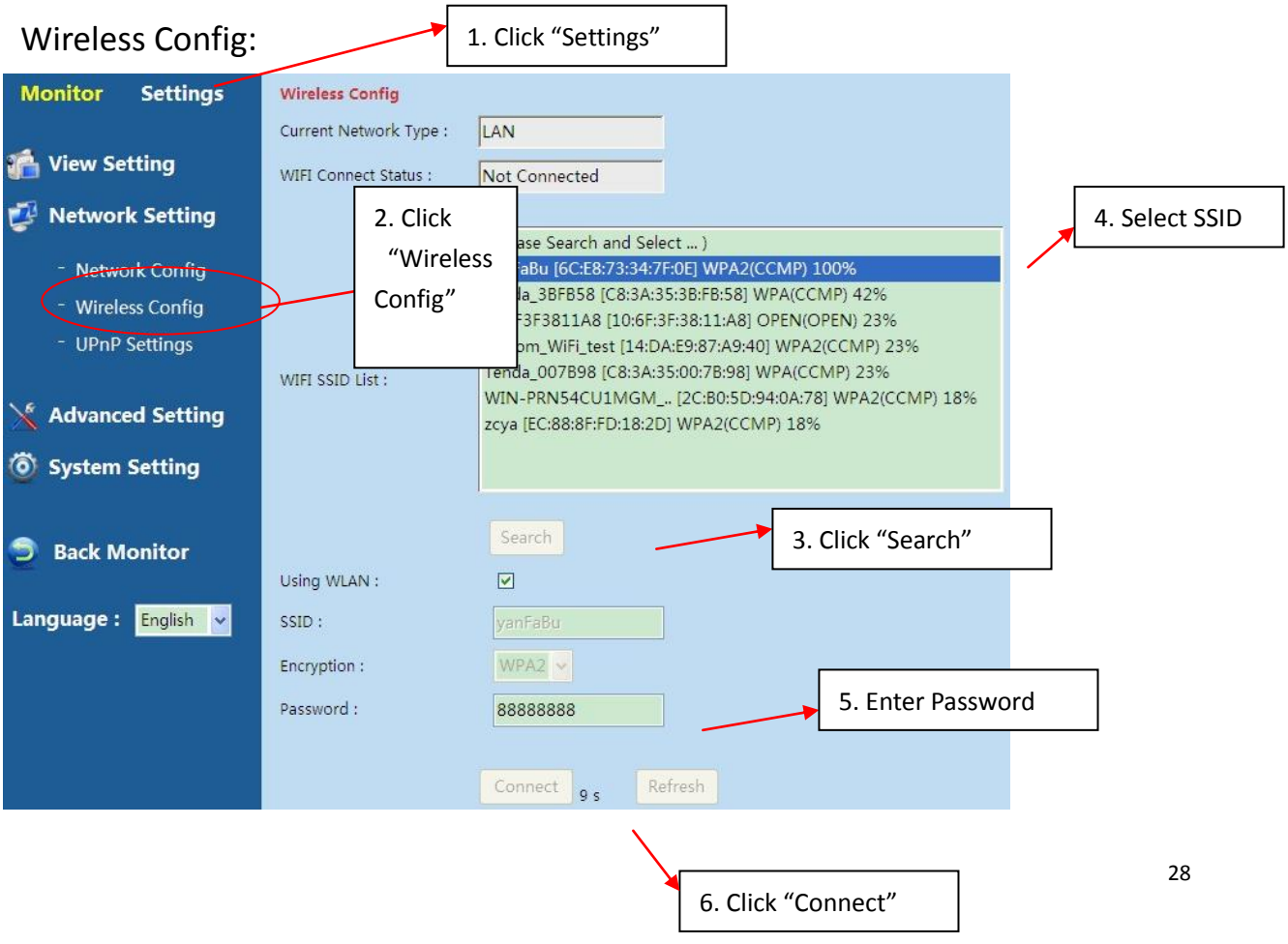
Image Config: Set the parameters of color of the image

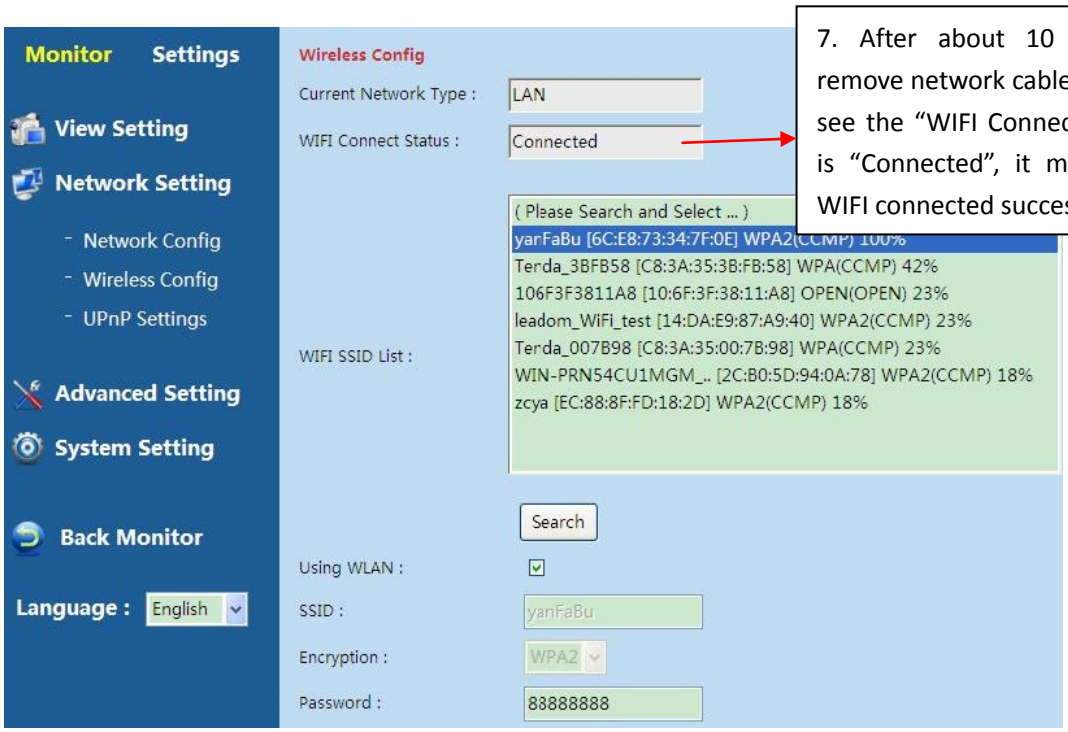
Network Setting: It includes “Network Config”, “Wireless Conig”, “UPnP Config” and “DDNS Config”.

Network Config: Set the IP address and Http Port information (Only recommend professional people set it)



Wireless Config:



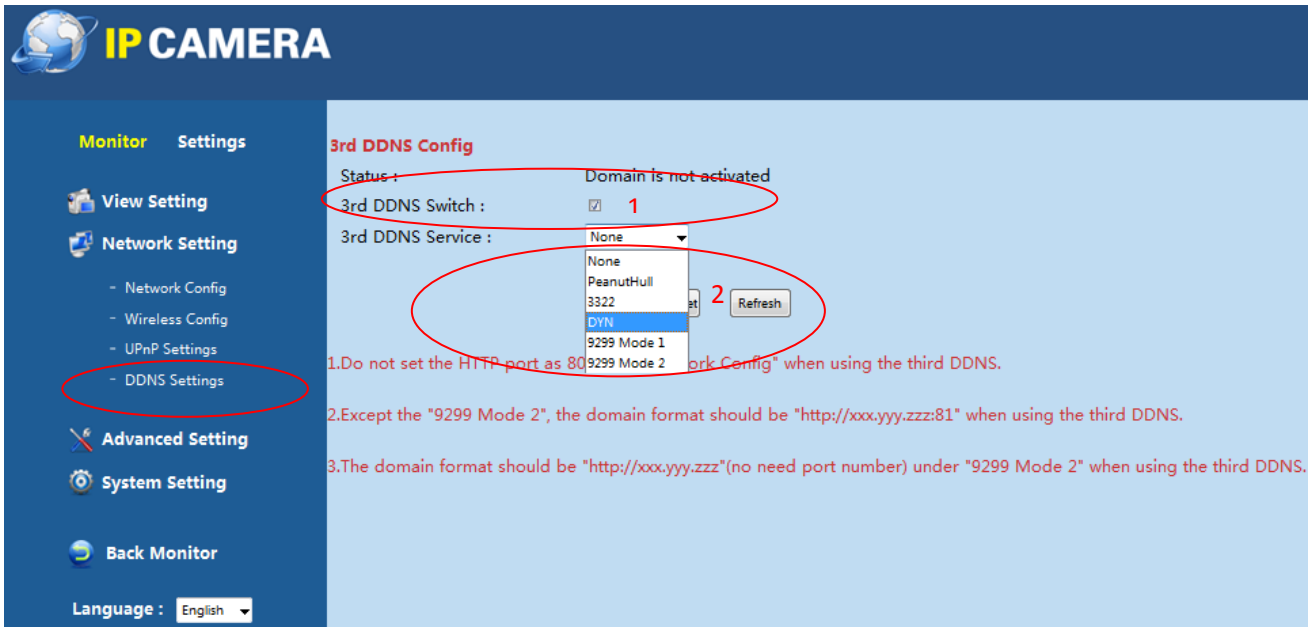


7. After about 10 seconds, remove network cable, you can see the “WIFI Connect Status” is “Connected”, it means the WIFI connected success

UPnP Config: after enable UPnP function, user does not need to do port forwarding when the camera is connected to the first-grade router.

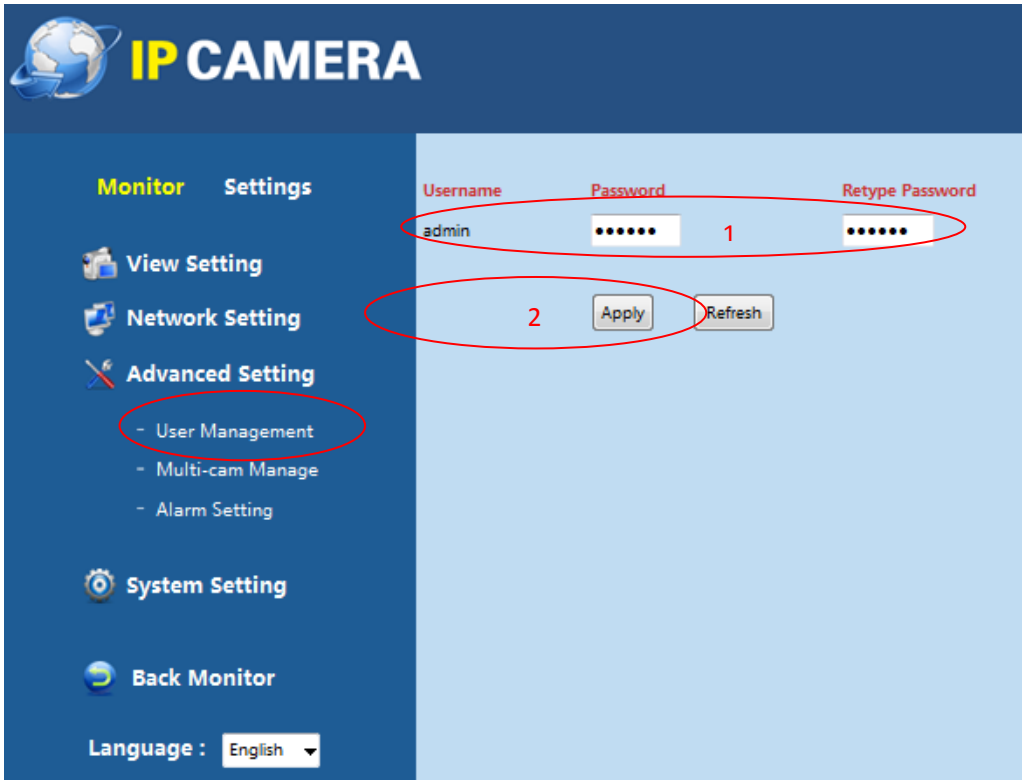
Please note if the camera is not connected to the first-grade router, user should do port forwarding also.

DDNS Settings: User can set the third DDNS from the following path.

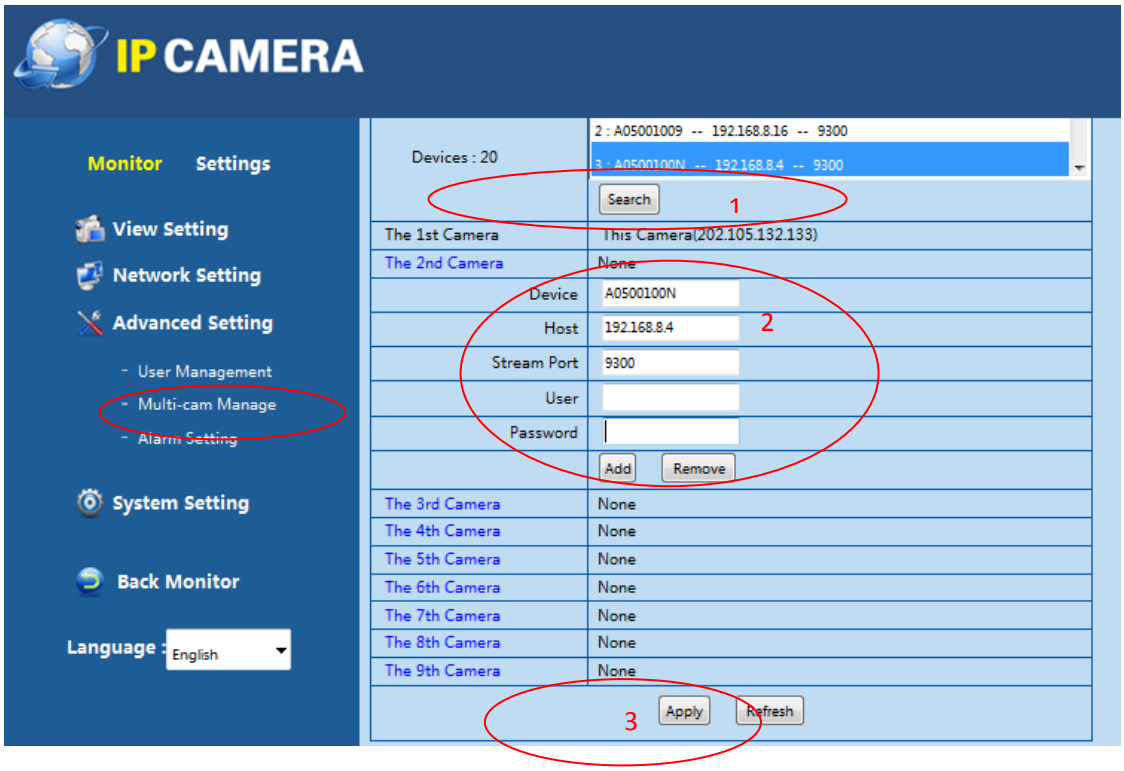


Advanced Setting: It includes “User Management”, “Multi-Cam Management” and “Alarm Setting”

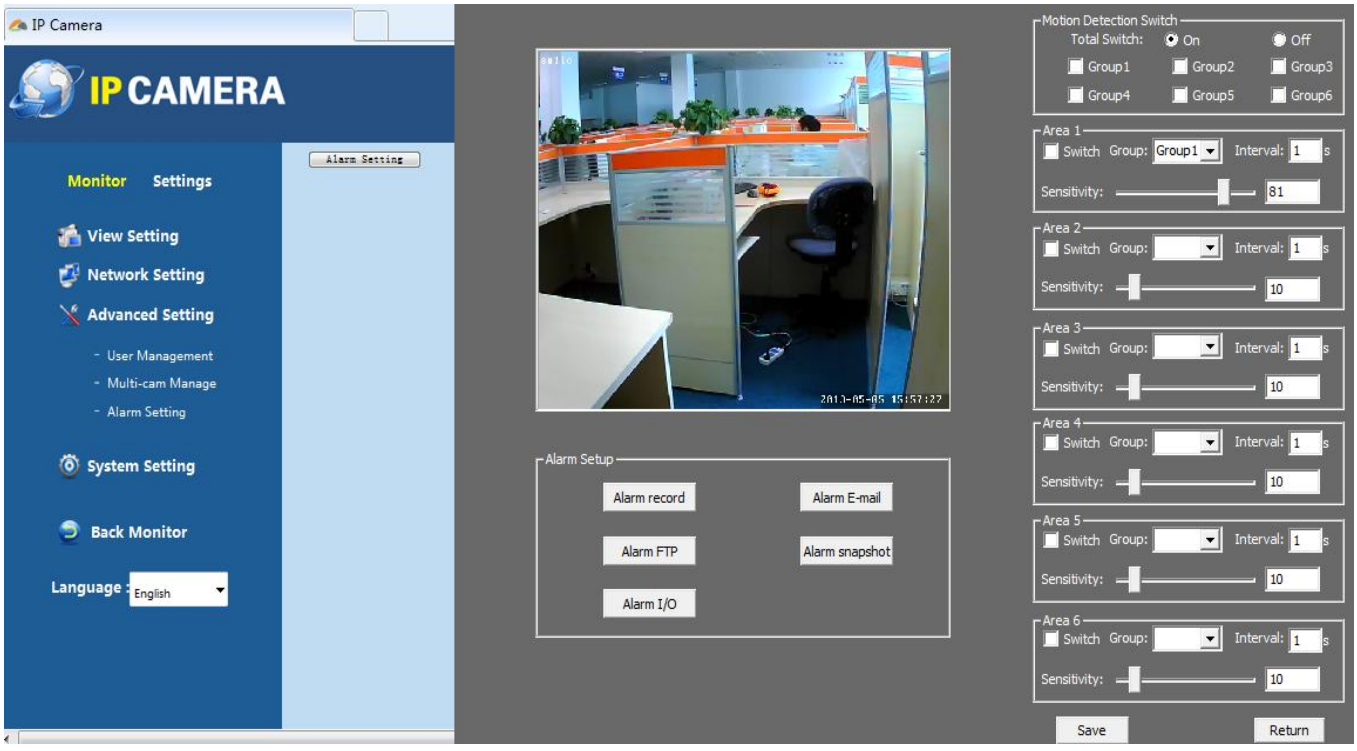
User Management: Change the password from the following path.



Multi-cam Management: Add several cameras to preview window. User can add 9 cameras at most.

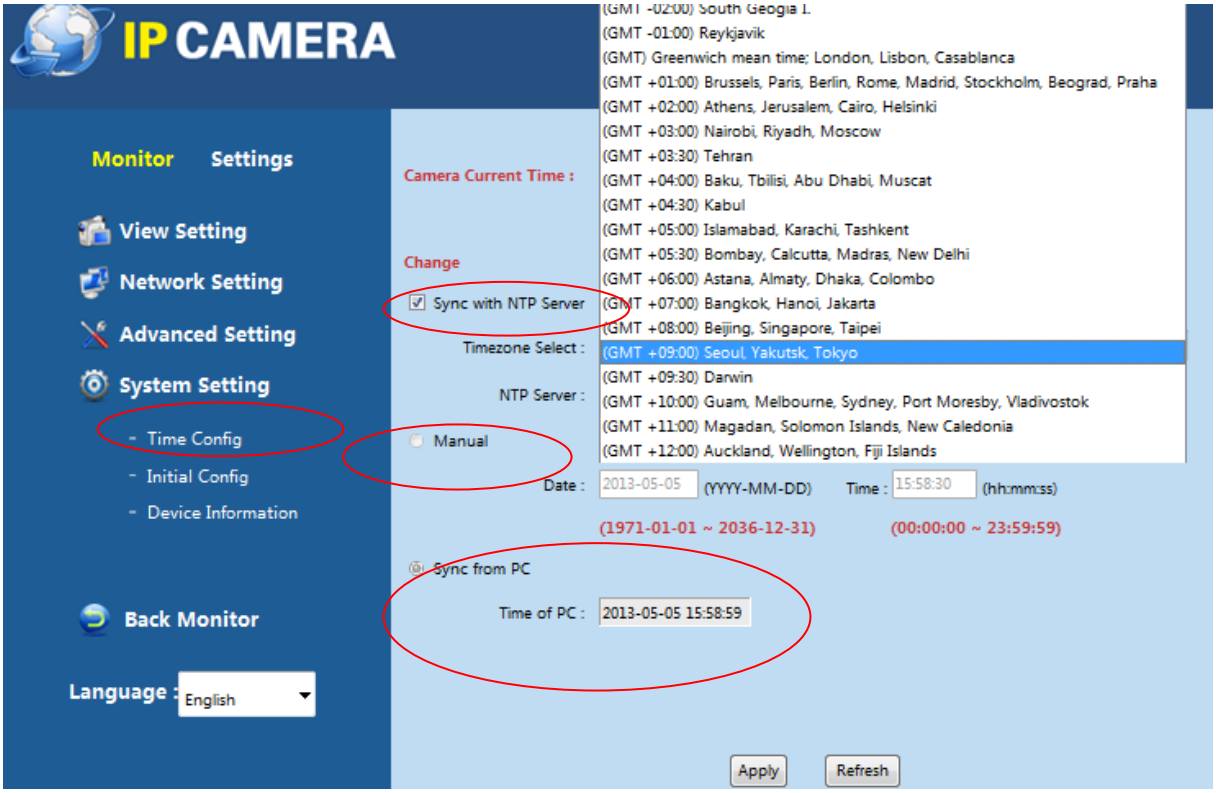


Alarm Setting: Please refer to **“Page 12:7. Alarm Setting”**

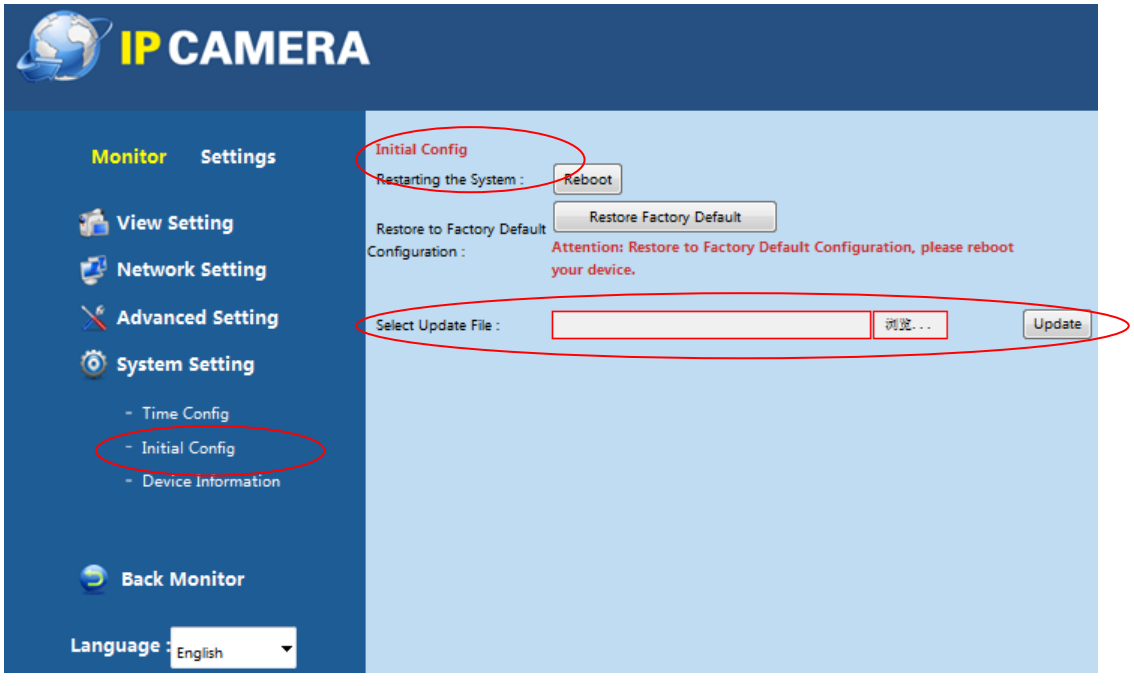


System Setting: It includes “Time Config”, “Initial Config” and “Device Information”.

Time Config: Set the time of camera, let it synchronize with NTP sever or PC or set it manually.



Initial Config: User can restore camera to factory setting and update camera from the following path.

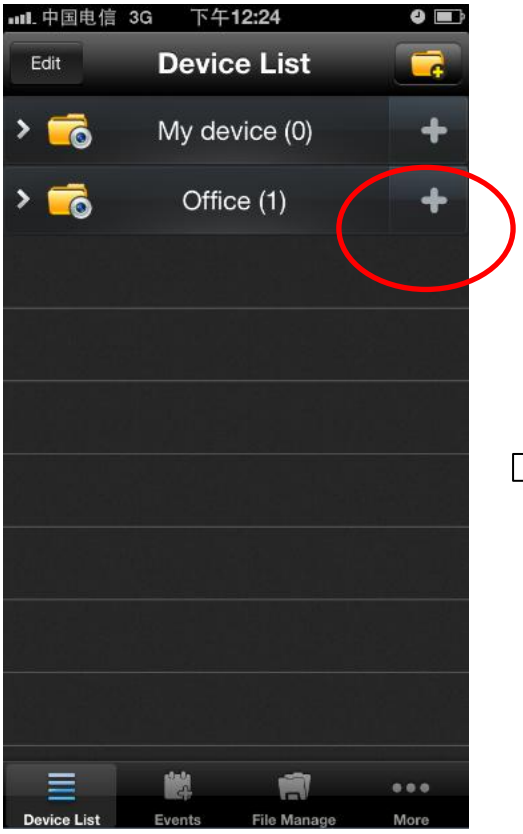


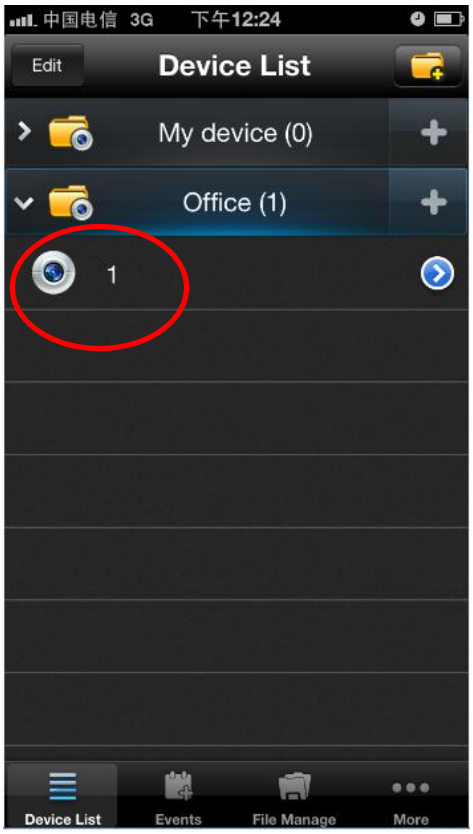
Device Information: User can check the related information of the camera, such as Release Version, Device ID, Domain, SD Card Status…….

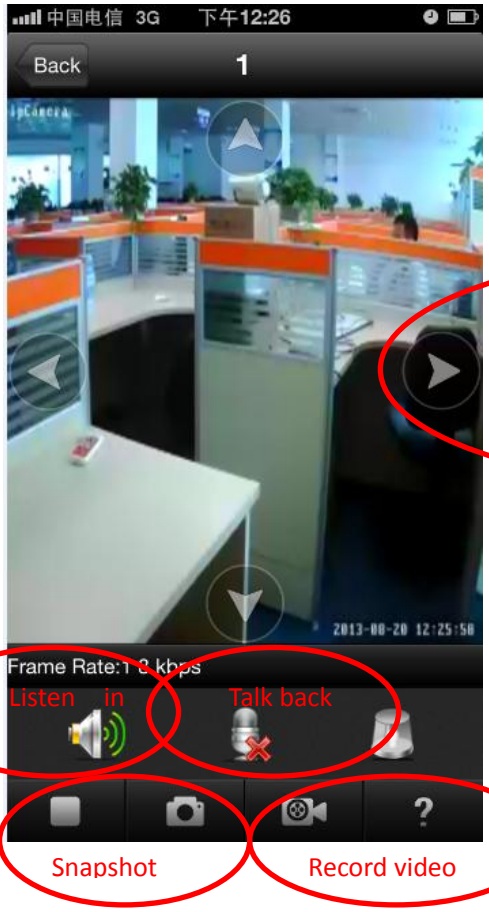
10. Visit Camera over Smart Phone

IOS System: Download “Oview” from “App Store”

Android System: input “play.google.com” into web browser and search “com.oview” or copy from CD







Click video, you will see Four arrows, click the arrow to move the monitoring area