Wireless IP Camerea

SunEyes Group Co.,Ltd

T Series User Manual

Hardware Instruction

Follow the steps below to set up your camera hardware.Make sure to follow each step Carefully to ensure that the camera operates properly

1) Plug the network cable into the camera and then into your Cable/DSL router.
2) Plug the power adapter into the camera and then into the power outlet.

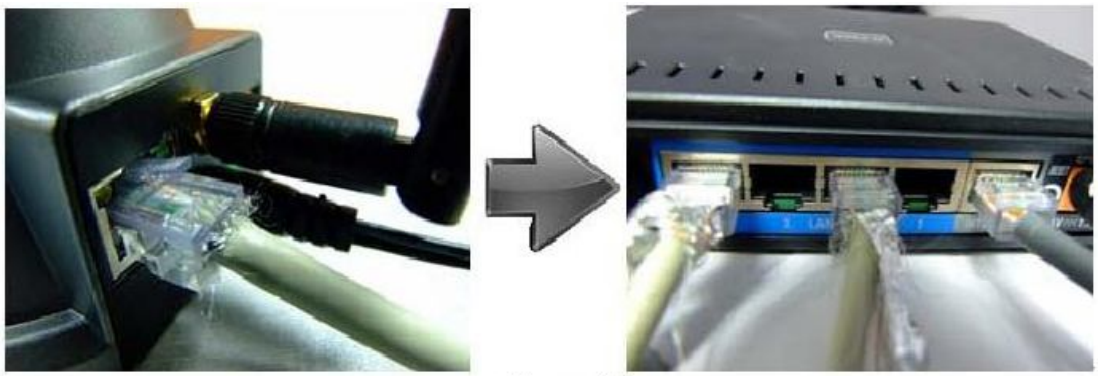


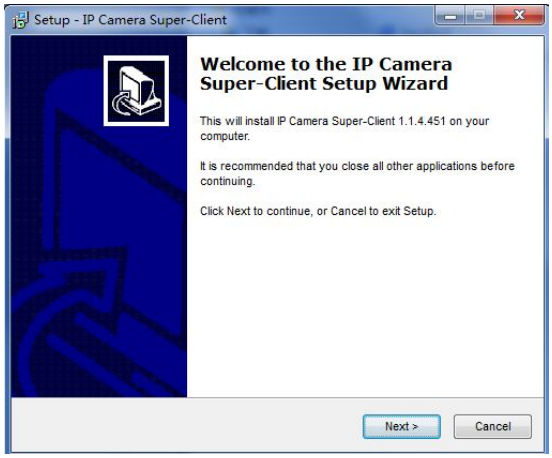
Figure 1.3

Software installation

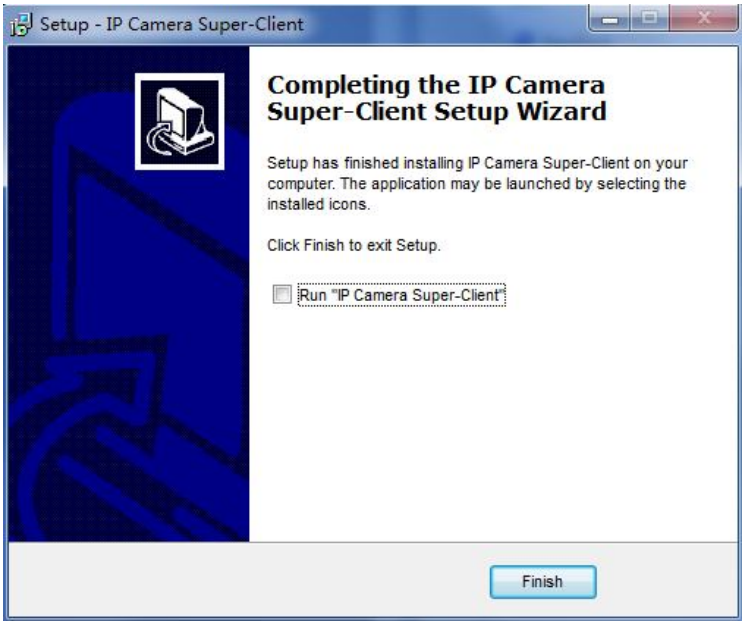
Software installation is the key to the successful use of this product.

1 Open the CD,find the software as instruction;

2 Double click **Super Client** and install the software as instruction.



3 Only click **Next,**you will complete the software installation.



From the computer desktop you can find an icon

appears on the Desktop automatically.

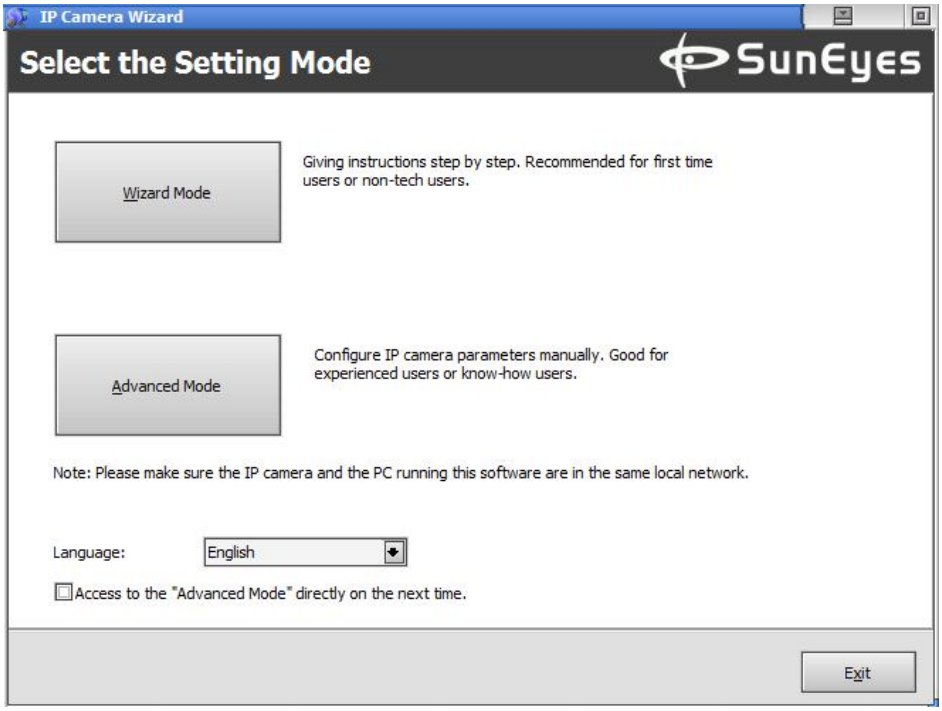
NOTE: Before installing and using the product, please read the following precautions carefully and make sure they are fully understood.
Use only the power adapter attached with the product .Use of unauthorized power adapter may cause damages to your IP Camera.
Do not touch the lens of the IP Camera at will .The optimum focus range has been set before the IP Camera is delivered out of the factory. If you turn the lens,it may cause incorrect focus and vague images.
Do not turn the Pan/Tilt by force for it may cause damage to intemal components of the Pan/Tilt.
IP Camera terminal shall be installed in an indoor environment.(SP-H01W)

1 SOFTWARE OPERATION

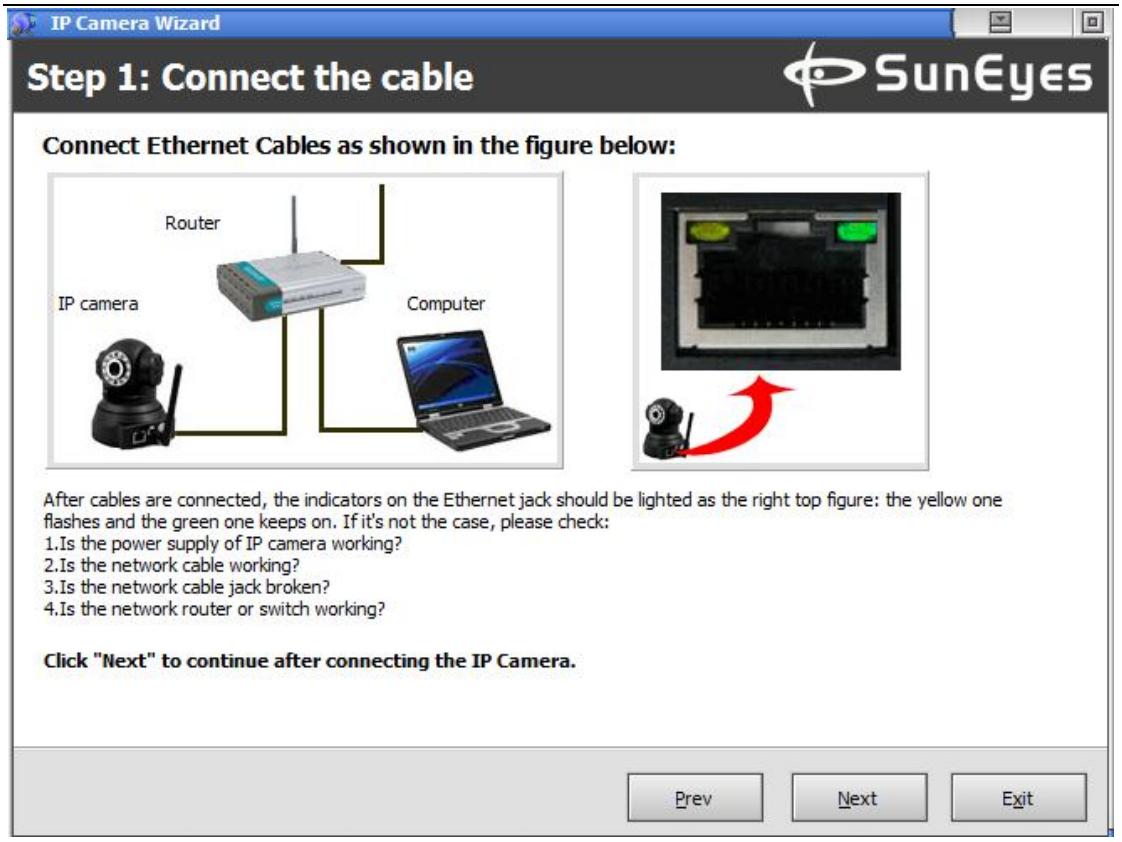
2.1 IP Camera Finder

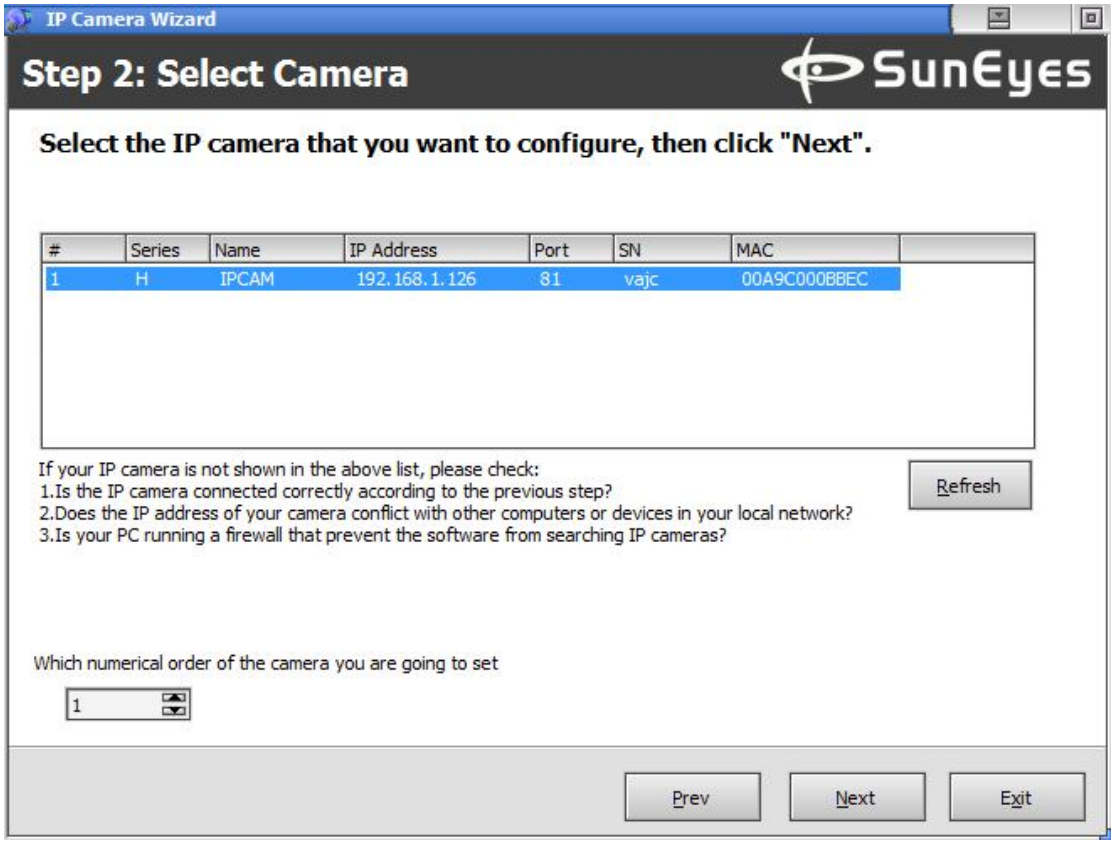
When the Device has been mounted properly, you can double click the Icon “IP Camera Wizard”

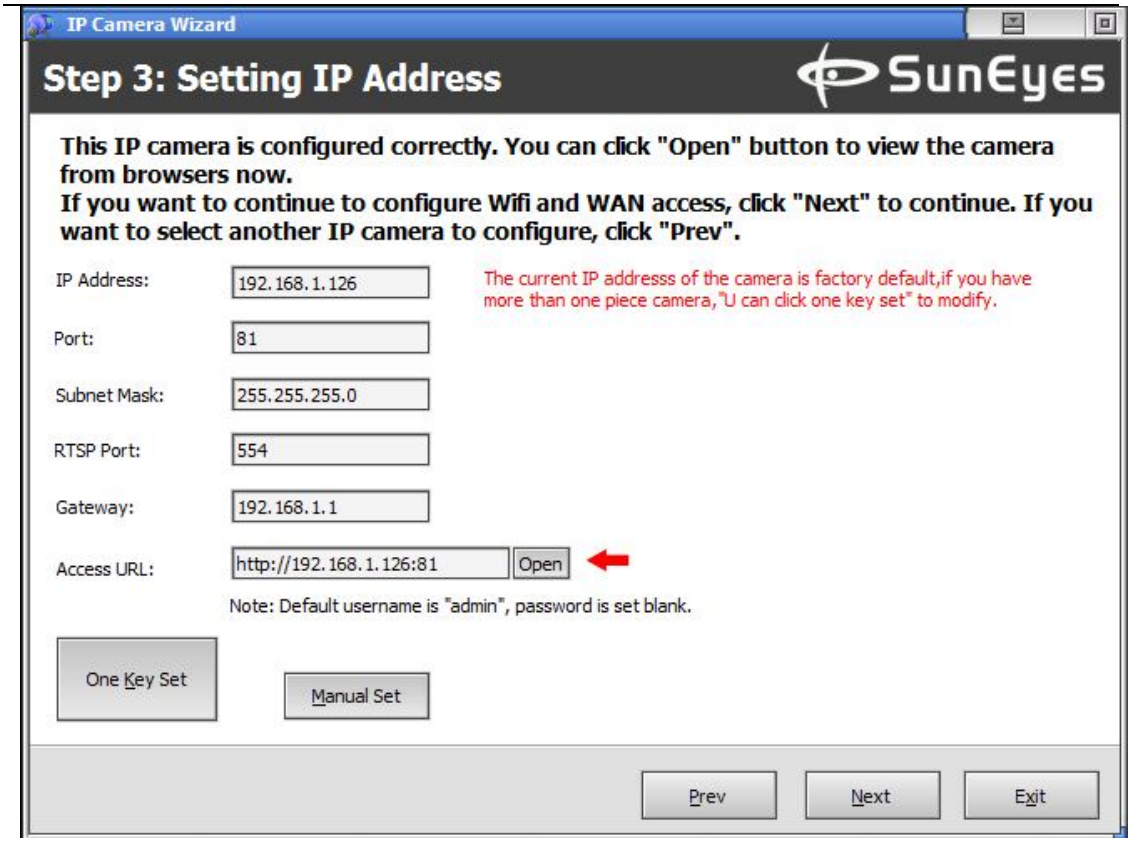
and a dialog box will pop up.



Wizard Mode(if you not familiar the settings pls chose this mode):

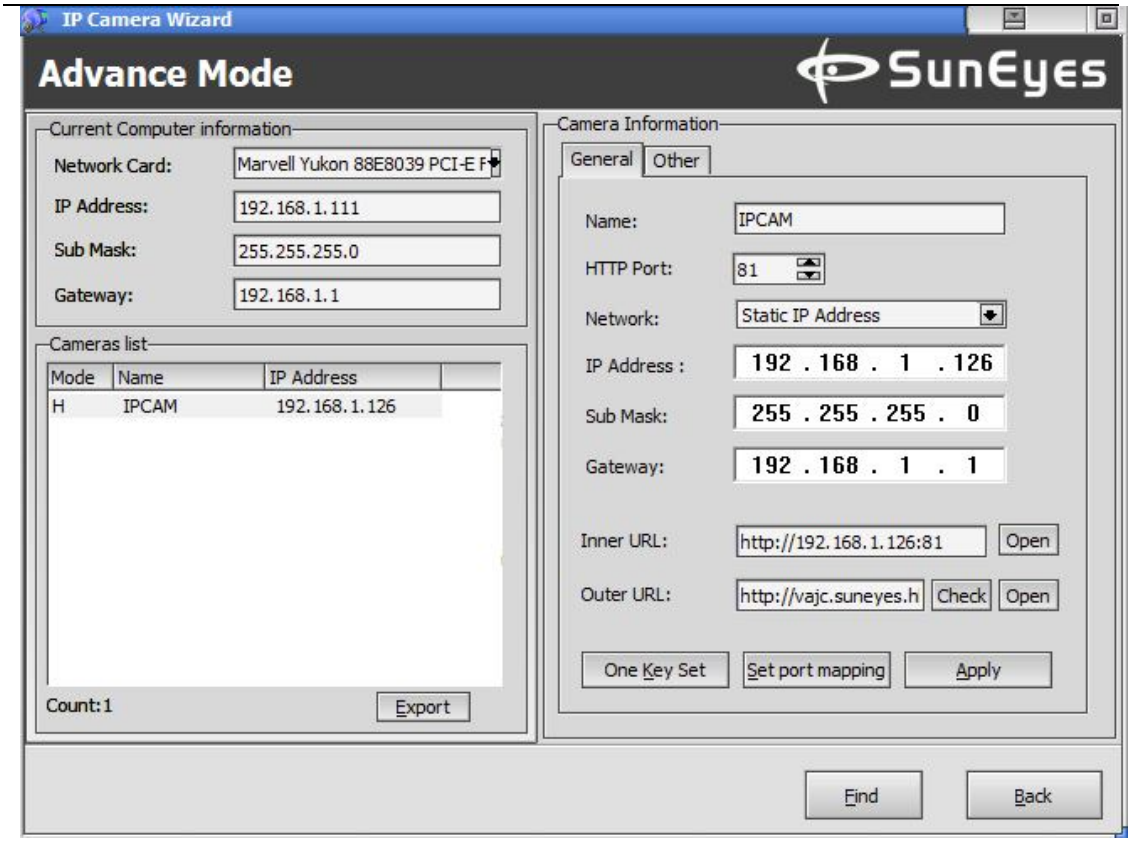

IP Camera Wizard
Step 1: Connect the cable
SunEyes
Connect Ethernet Cables as shown in the figure below:
Router
IP camera
Computer
After cables are connected, the indicators on the Ethernet jack should be lighted as the right top figure: the yellow one flashes and the green one keeps on. If it's not the case, please check:
1.Is the power supply of IP camera working?
2.Is the network cable working?
3.Is the network cable jack broken?
4.Is the network router or switch working?
Click "Next" to continue after connecting the IP Camera.
Prev
Next
Exit


IP Camera Wizard
Step 2: Select Camera
SunEyes
Select the IP camera that you want to configure, then click "Next".
Series Name IP Address Port SN MAC
1 H IPCAM 192.168.1.126 81 vajc 00A9C000BBEC
If your IP camera is not shown in the above list, please check:
1.Is the IP camera connected correctly according to the previous step?
2.Does the IP address of your camera conflict with other computers or devices in your local network?
3.Is your PC running a firewall that prevent the software from searching IP cameras?
Refresh
Which numerical order of the camera you are going to set
1
Prev
Next
Exit



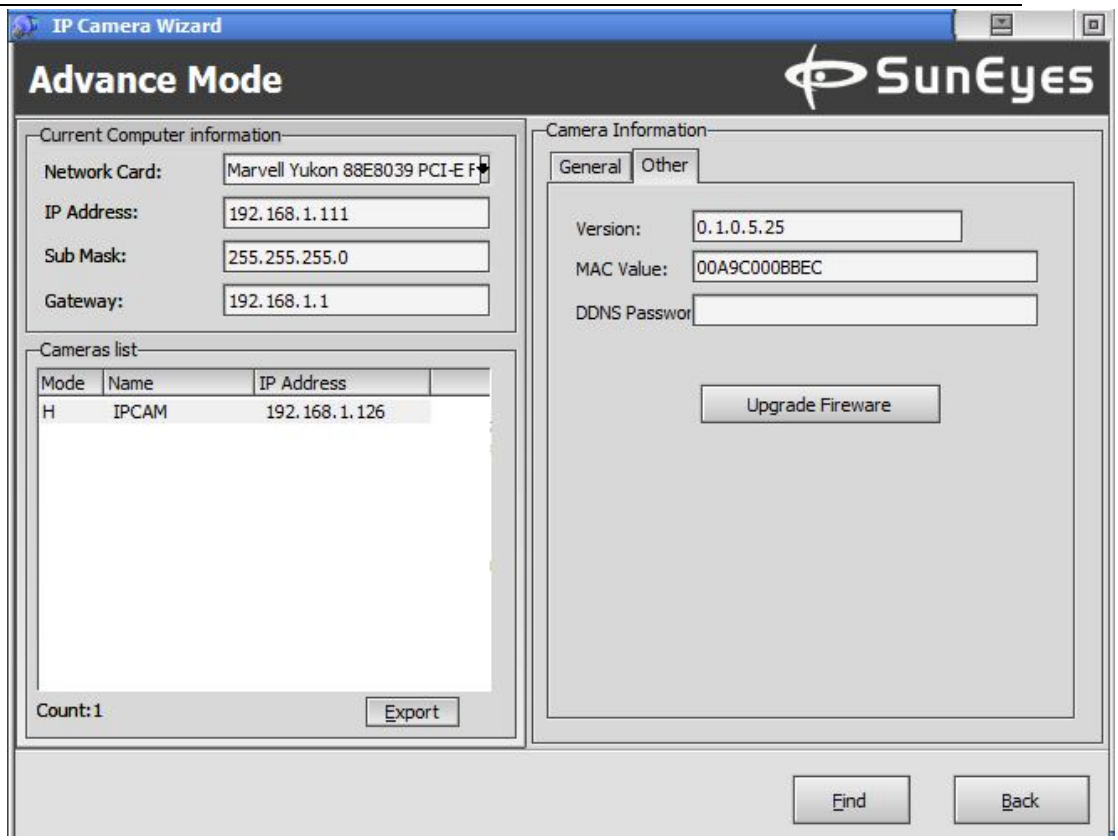
(you can use One key Set or Manually set)

Advanced Mode (if you are already familiar with the settings pls chose this mode):



- **Basic Properties**

There are some device informations in the Basic Properties ,such as **Device MAC,System Firmware Version, Web UI Version.**



Note: The software searches IP Servers automatically over LAN.

1 **.**The ip camera and the pc should be in the same LAN, if you not familiar how to configure your ip you can use one key set

2 To install more than one cameras in the LAN,all of the cameras port and IP address can not be same.

3. pls make sure the camera ip address is in the same subnet as the gateway (i,e .the first three sections are the same)

4.Mask: The default subnet mask of the equipment is :255.255.255.0

5.Gateway: Make sure it is in the same subnet with PC IP address .Default Gateway address is 192.168.1.1

6.DNS: IP address of IPS network provider.

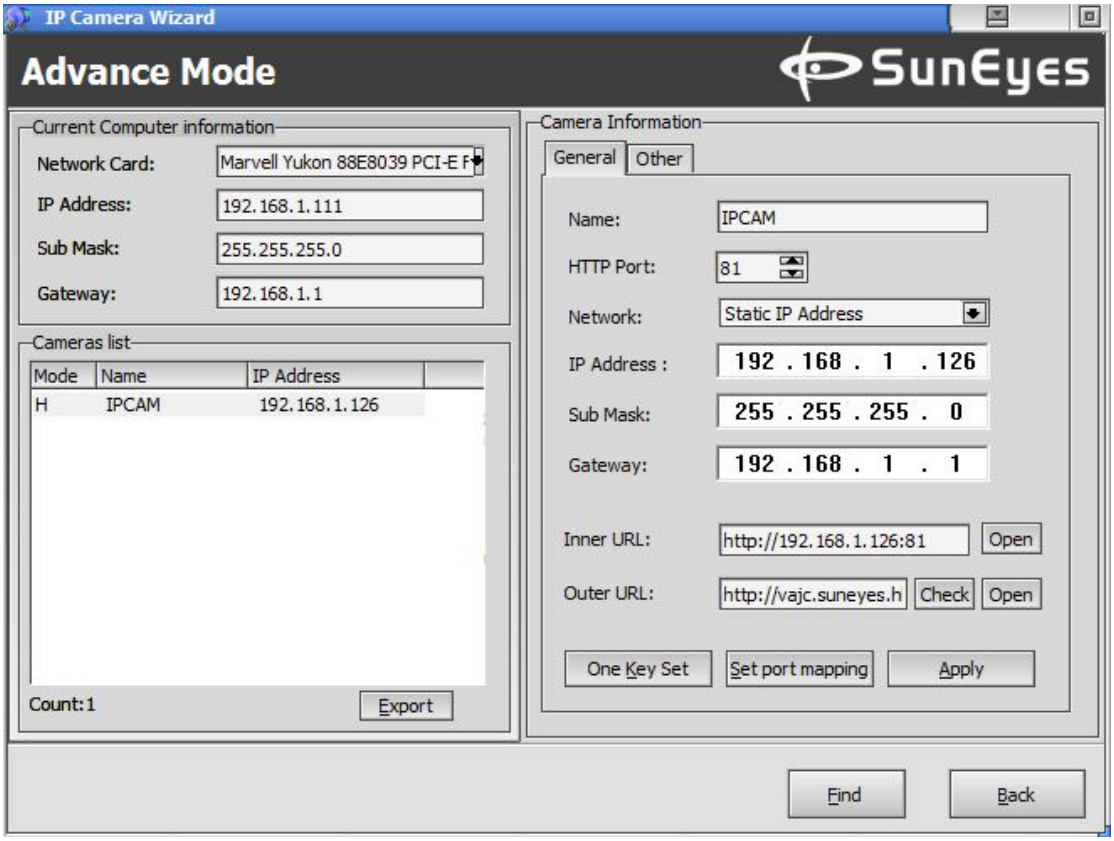
7.Port:LAN port assigned for the equipment, usually 81-10000

8.User & Password : Default administrator username/password: admin?No password

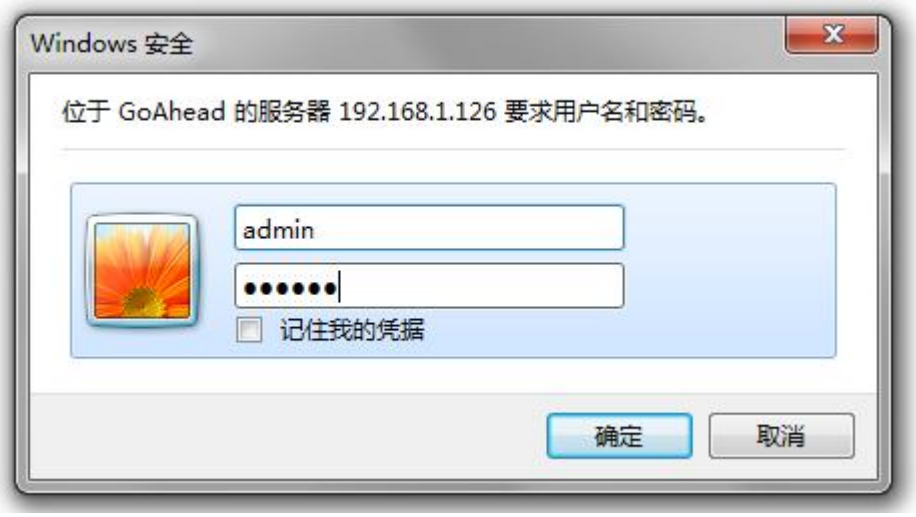
2.2 Camera Login in IE (LAN)

You can access the camera through IP Camera Tool or IE directly.

1) Click the inner RUL: “open”



2) It will start your web browser automaticly.



Enter your account and password on the login page as shown above Administrator’s username is: **admin** and default password 888888 . Sign in with ActiveX Mode(for IE)

2.3 **Camera Icon Functions**

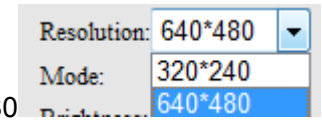
Rotate the cameras(pan/title)

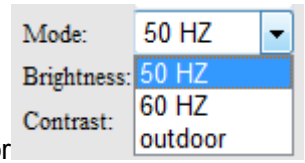
Auto Pan/Titlt Ajust Pan/Tilt Speed:

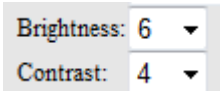
If you want to detect 4 or 9 views, need to click this ico

Flip: To see the flip image.

Mirror: To see the mirror image.

Resolutions: can chose 320*240 or 640*480 

Mode: can chose 50HZ ,60HZ or outdoor 

Brightness and Contrast:can set the brightness and contrast 

Record: Click icon to record videos

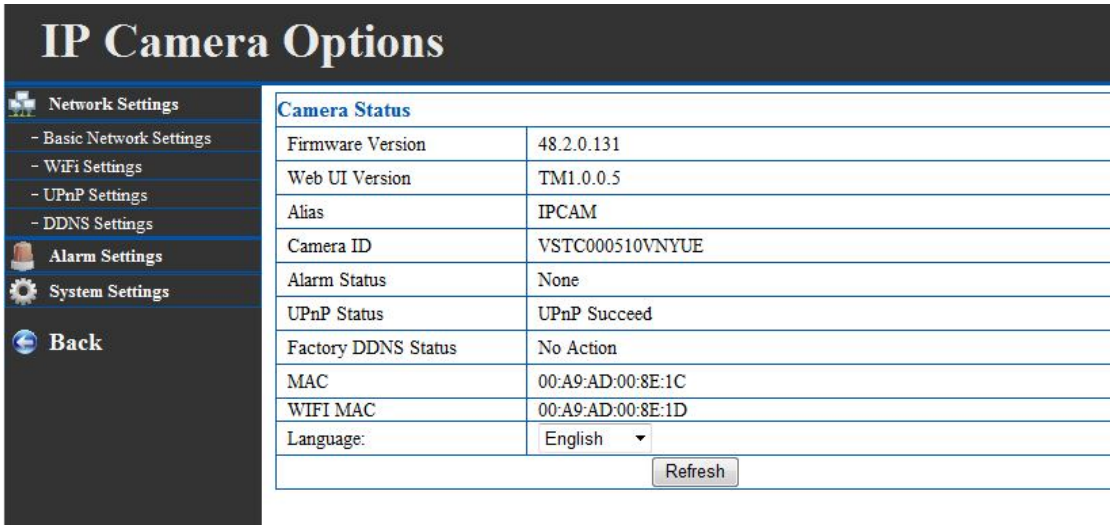
Snapshot: Click icon to snap the picture.

AUDIO: Click icon Camera MIC open, Local Voice input

TALK: Click icon Camera Speaker open, Remote Voice Output

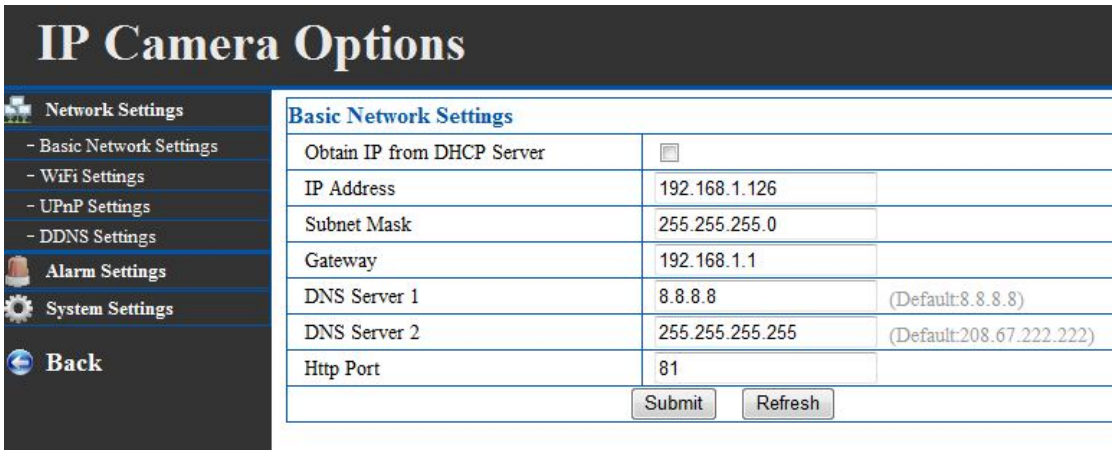
IR : Click icon can control the IR Led on/off

2.3 Setting Details :



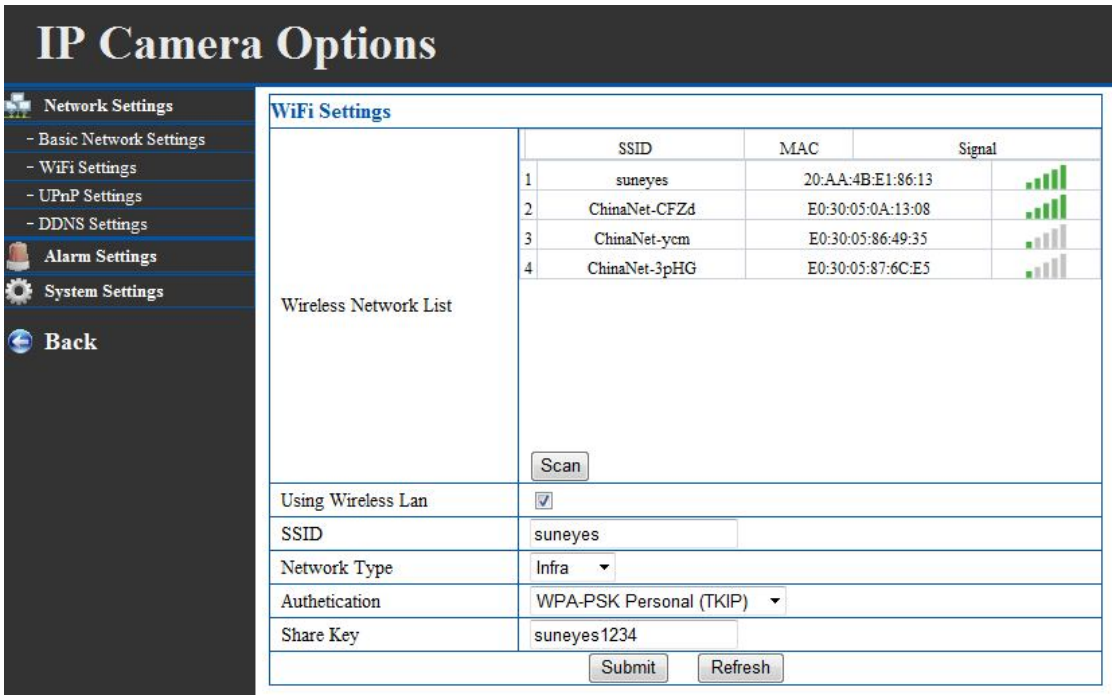
2.4.2 Basic Network Settings:

Http Port: if multi cameras this port cannot be same in one LAN.



2.4.3Wifi Settings:

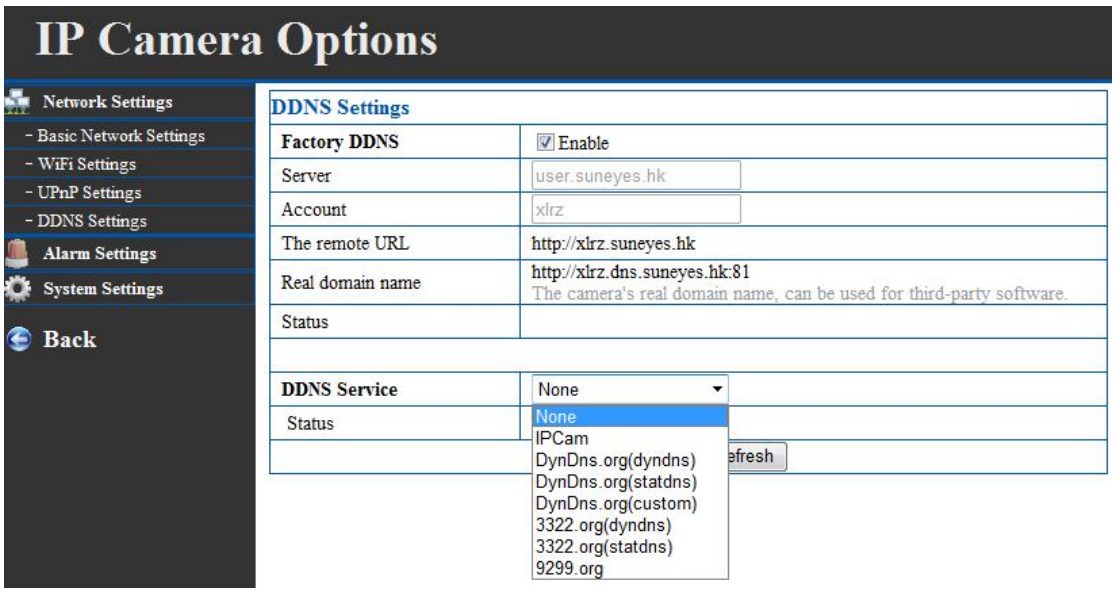
Click the Scan button (at least two times),select your wifi SSID, and write in your wifi's password.



2.4.4DDNS Service Settings

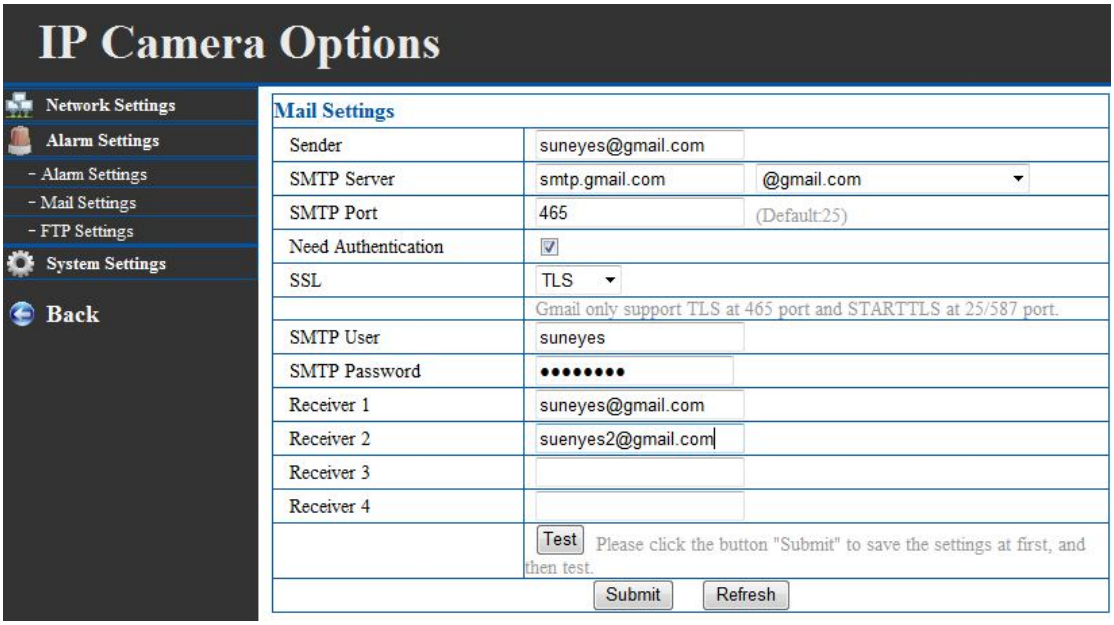
DDNS Service: The system support protocols from some DDNS providers,and our own ddns IPCAM(built-in)..

Use the ddns you must to do the portforwarding firstly from your router(Details pls check the doc: How to view the camera remotely by DDNS.).

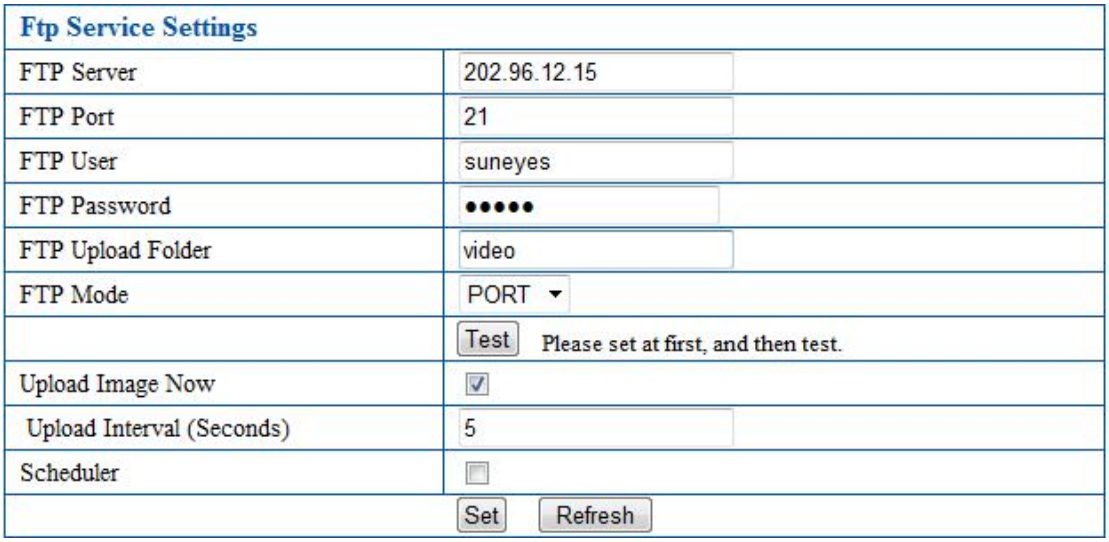


2.4.5Mail and FTP Service

Configure the E-mail box to receive and send mails. The E-mail box is used for receiving the images sent after alarm and the system IP address after successful dial-up.



Settings the FTP Service:



2.4.6Alarm Service Settings:

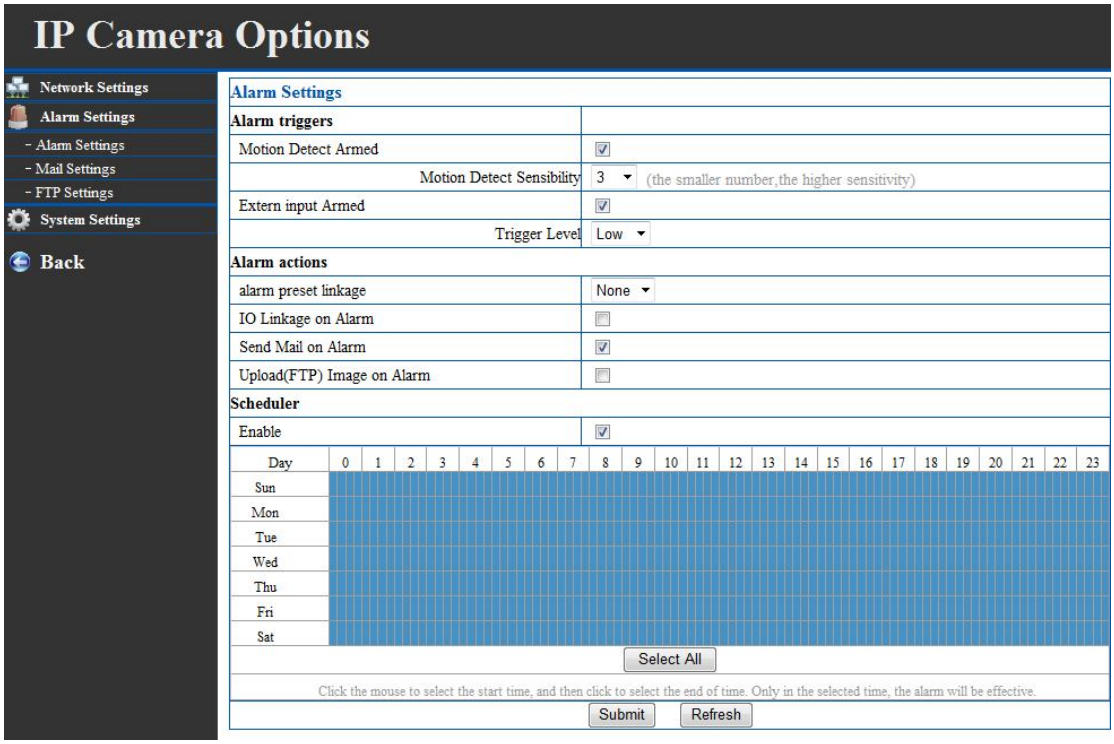
Enter Alarm Service Settings page to configure Motion Detection function.

Sheduler

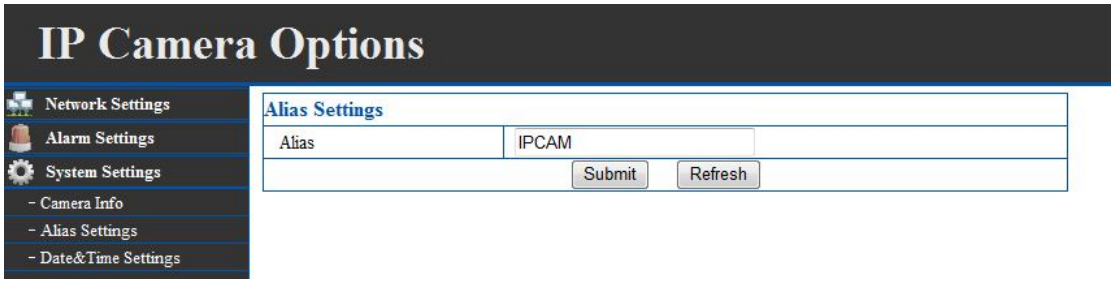
You can set the exact time when the alarms will be open on.

Send Mail on Alarm

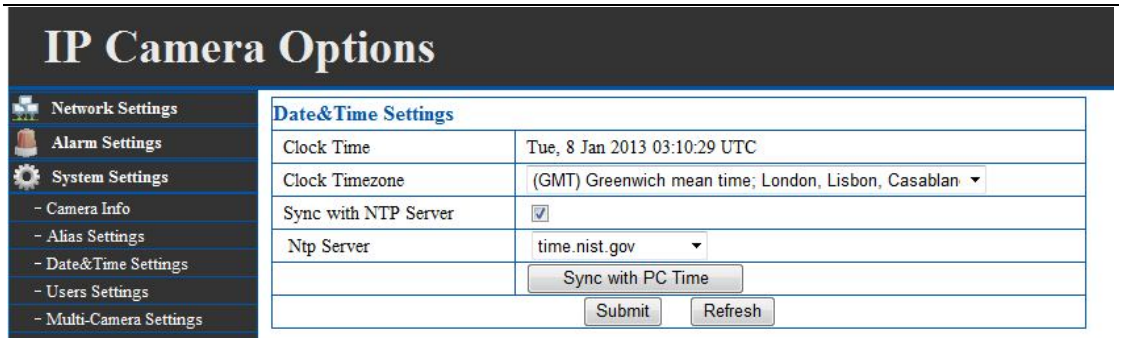
Sent picture and mail inform to customer's e-mail after alarmed. (firstly you should finish the Mail Service Settings.)



Alias Serrings: You can Input the new name as you like.



Data&Time Settings: Data&Time Settings page.

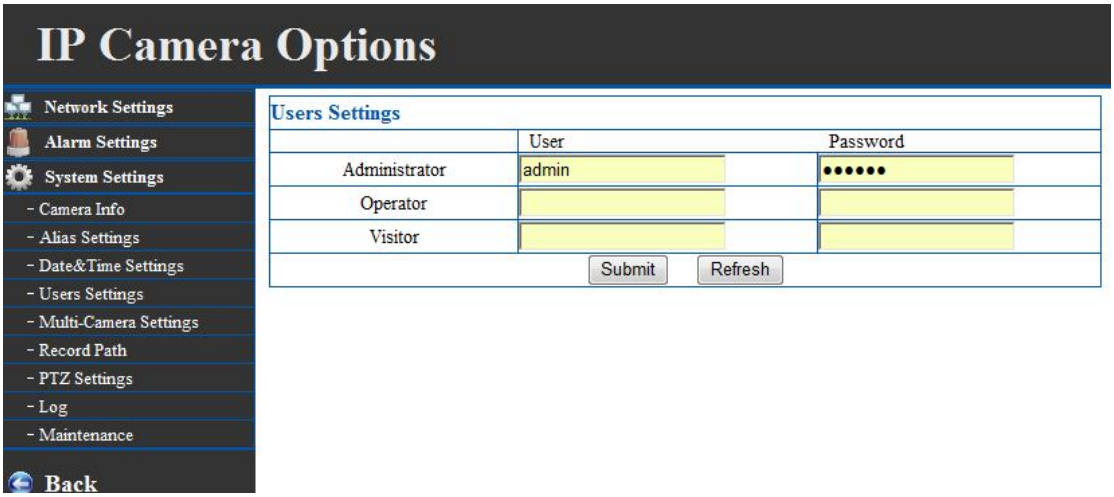


Users Settings:three accounts are acceptable for this system.

Administrator: You can sertup the advanced configurations of the IP Camera.

Visitor: In this mode ,you can only view.

Operator: You can control the direction of IP Camera and set some parameter.but cannot enter into the setting pages.



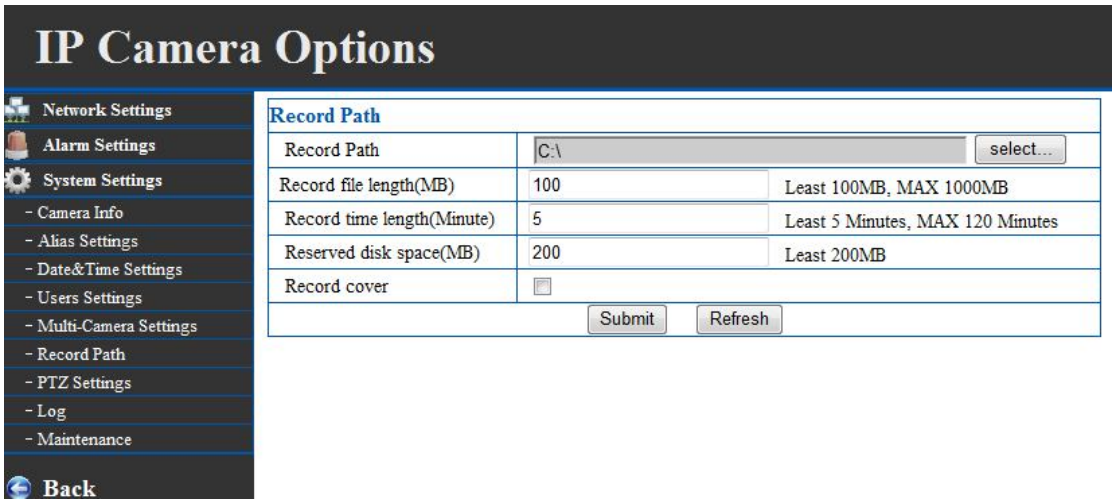
2.4.1

Multi-Device Settings

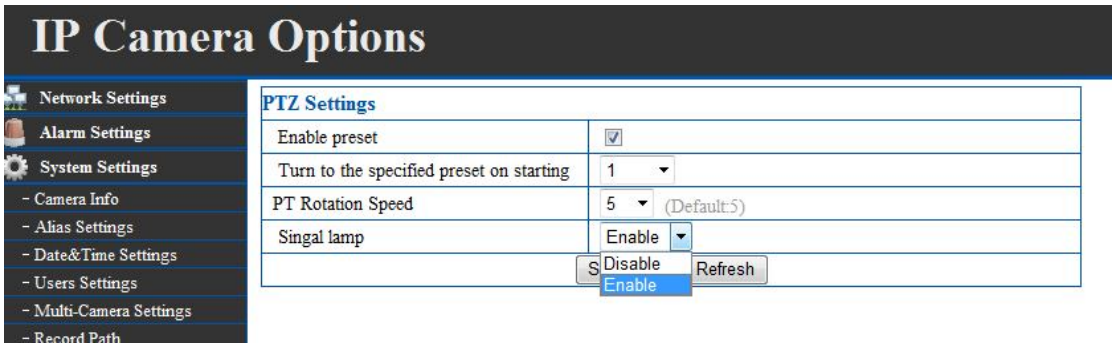
Use multiple cameras in LAN
In the Multi-Device Settings page, you can see all devices searched in LAN. You can add more cameras list in LAN for monitoring

Multi-Device Settings	
Device List in Lan	IPCAM(192.168.1.126) Refresh
The 1st Device	This Device
The 2nd Device	None
The 3rd Device	None
The 4th Device	None
The 5th Device	None
The 6th Device	None
The 7th Device	None
The 8th Device	None
The 9th Device	None
attention: If you want to access the device from internet, be sure the host and port that you set can be accessed from internet.	
Set Refresh	

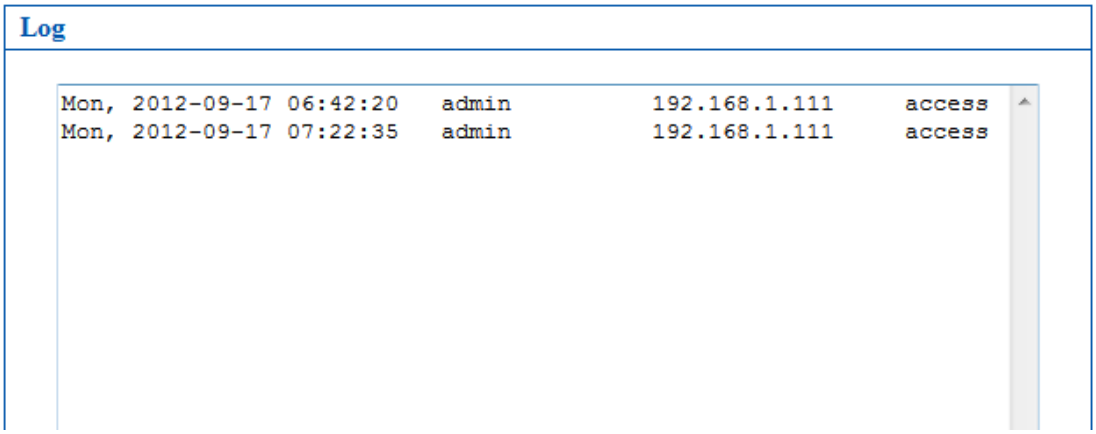
Record Path: You can setting the video recording path here.



PTZ Settings,(here you can set the speed of pan/tilt)



Log



Maintenance:

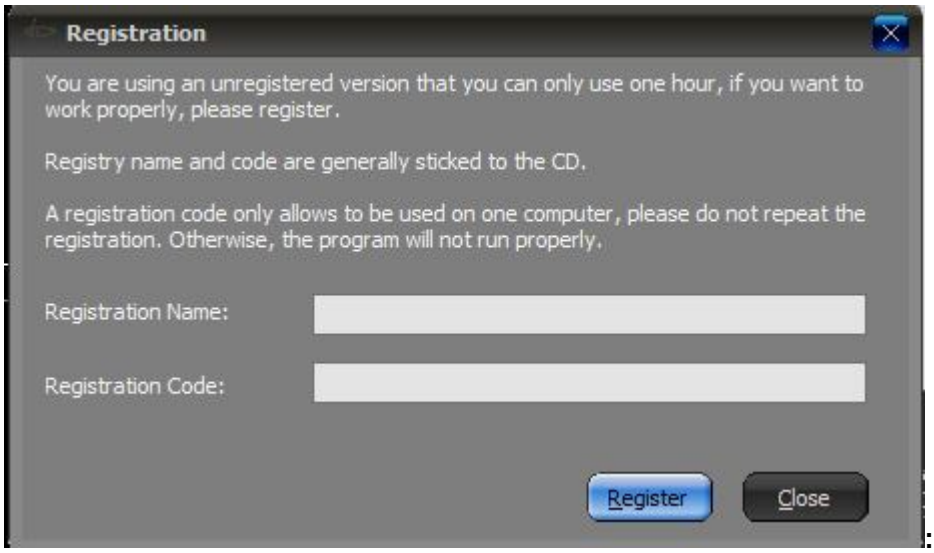
Maintenance	
Reboot Device	Reboot Device
Restore Factory Settings	Restore Factory Settings
Upgrade Device Firmware	浏览... Upgrade
Upgrade Device Embeded Web UI	浏览... Upgrade

Upgrade Device Firmware: pls follow your supplier instructions ,pls do not upgrade yourself.
Restore Factory Settings: Restore factory settings of the device.
Reboot Device: Rebboot the device.

3 IP Camera Super-Client

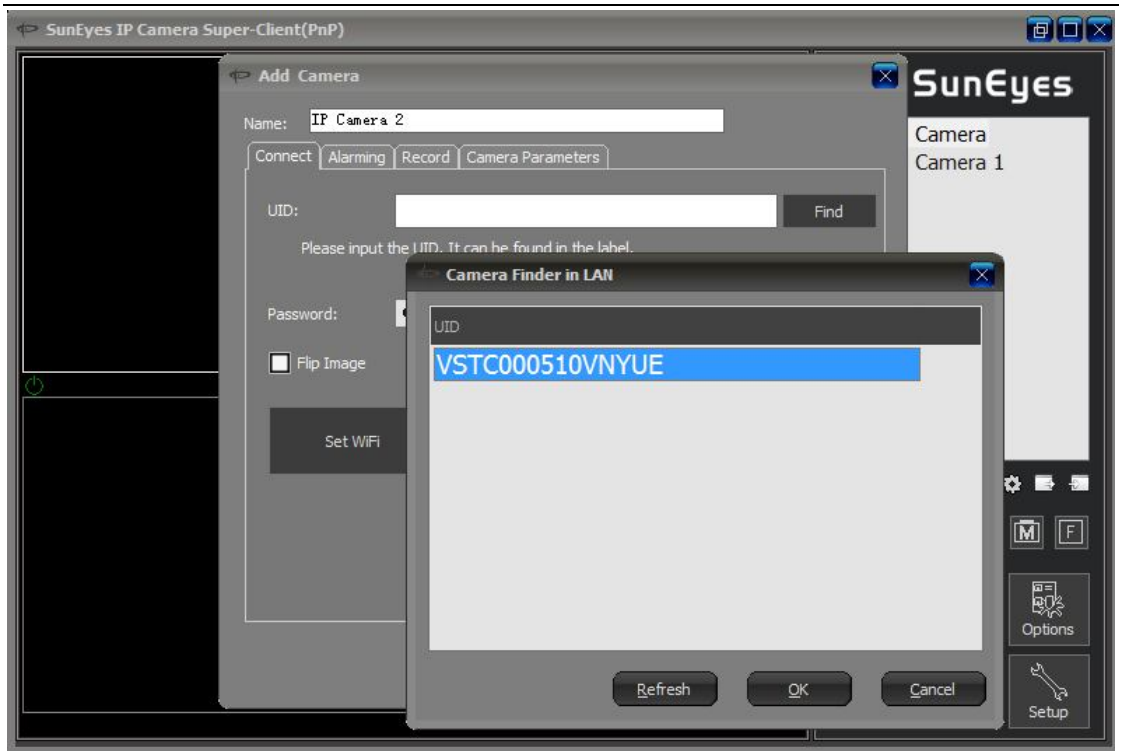
3.1 Step by Step

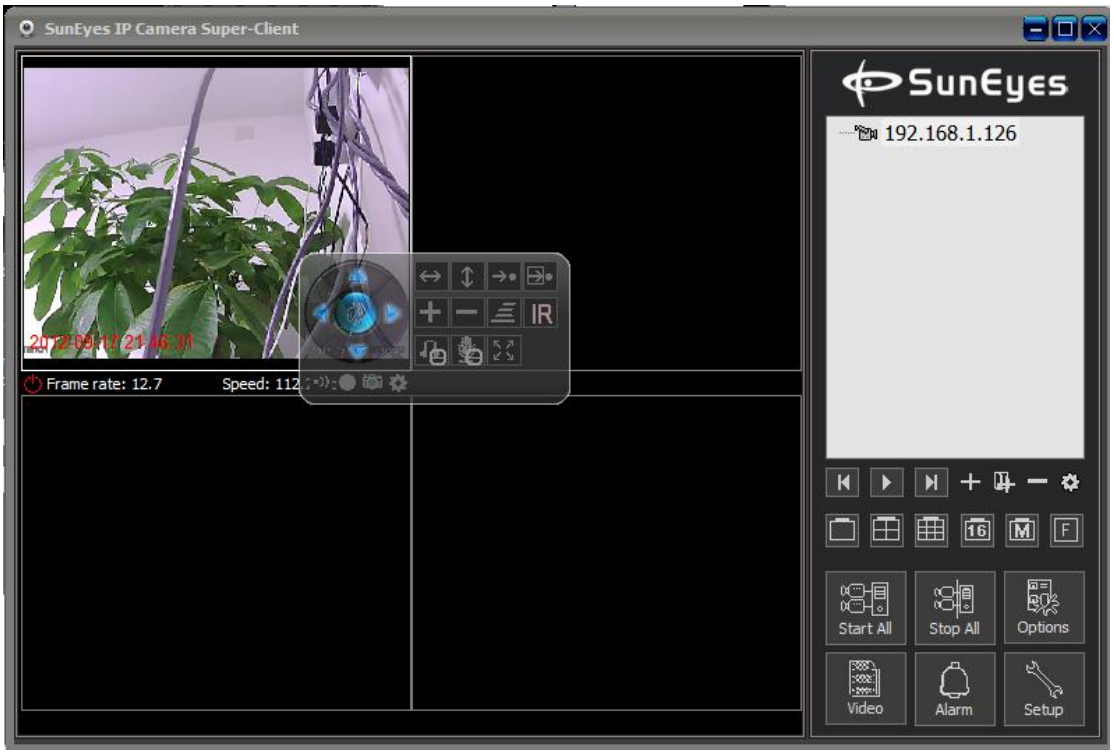
Registery (you can find the **register code** from the label of disc):



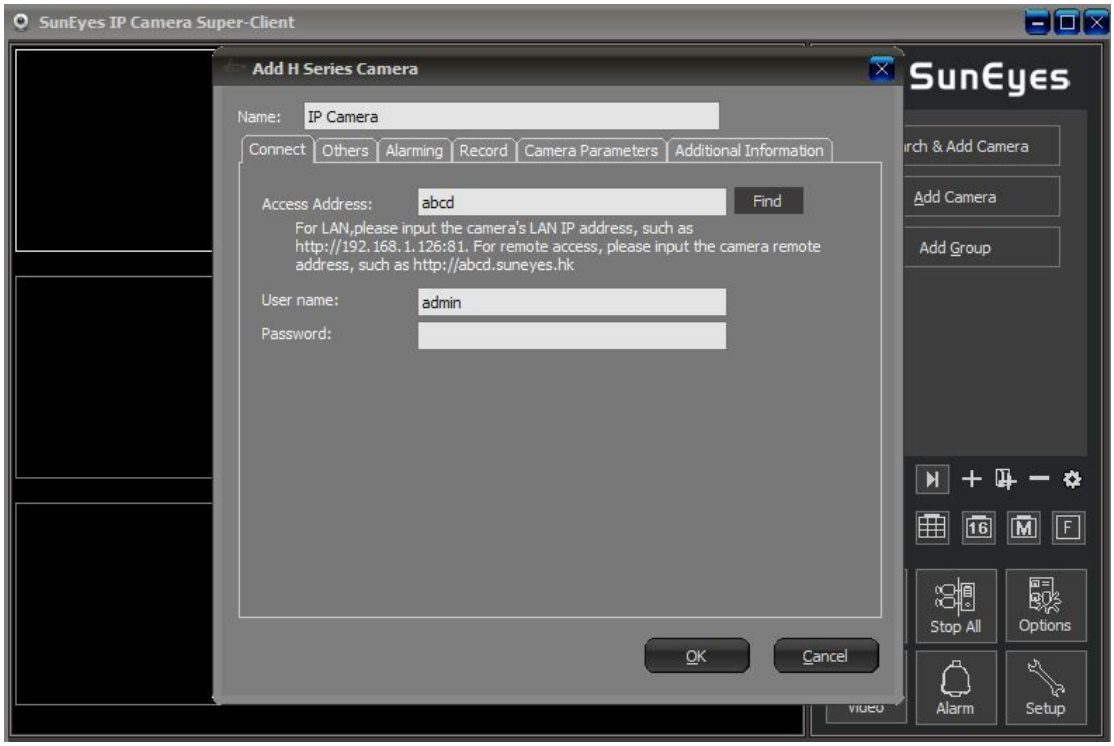
:

3.2 Search and Add equipment:

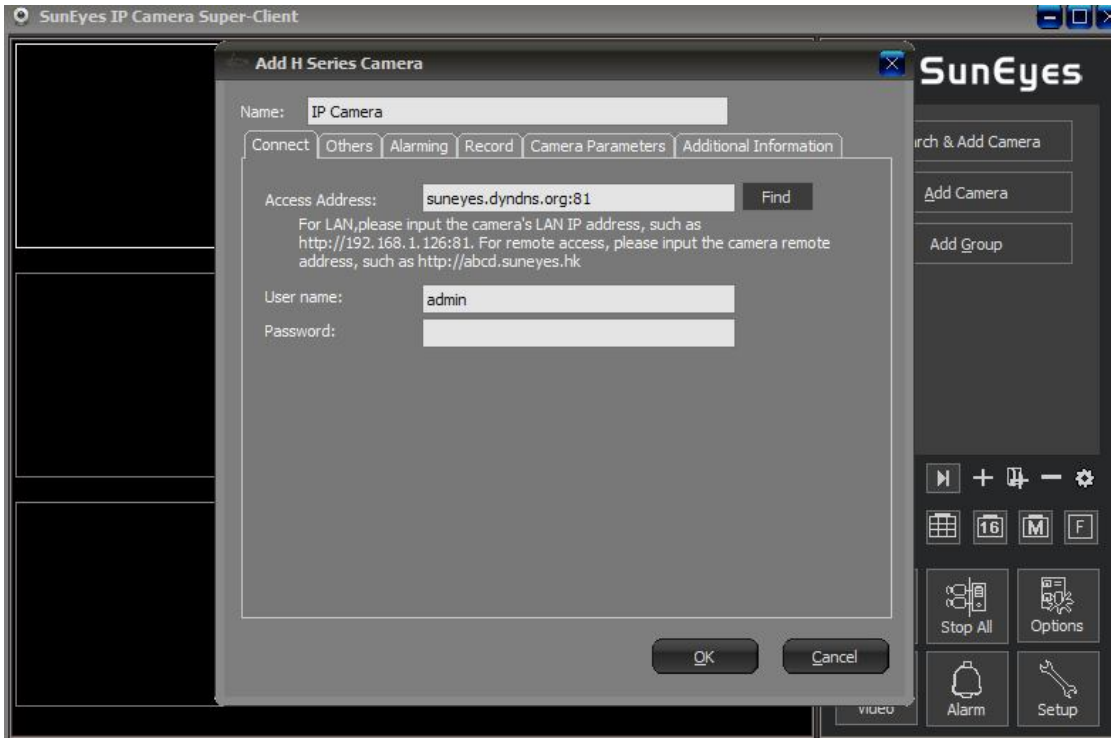




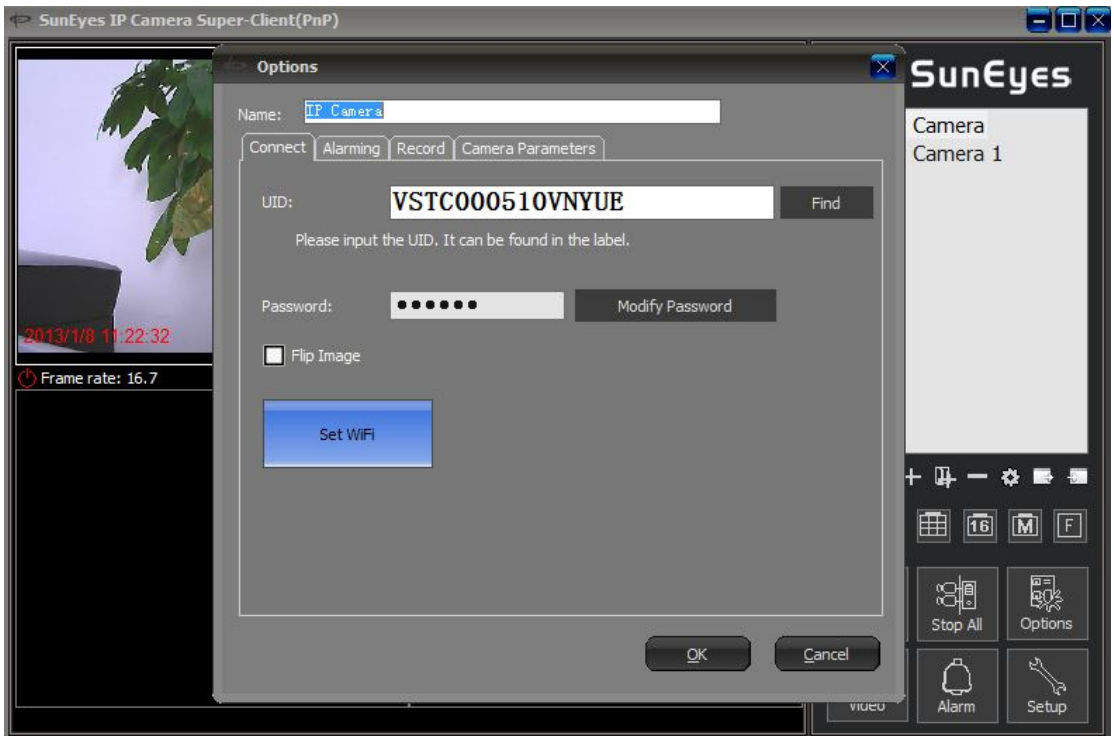
if you are using our built-in ddns:



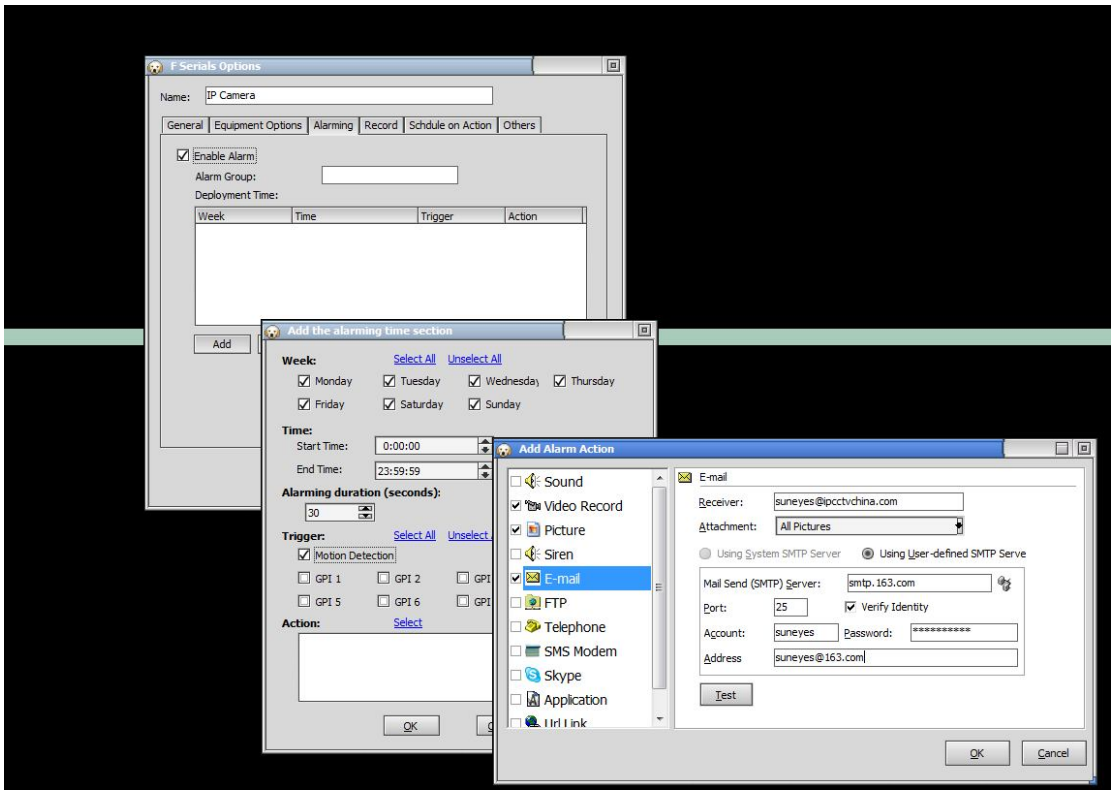
if you use your own ddns:



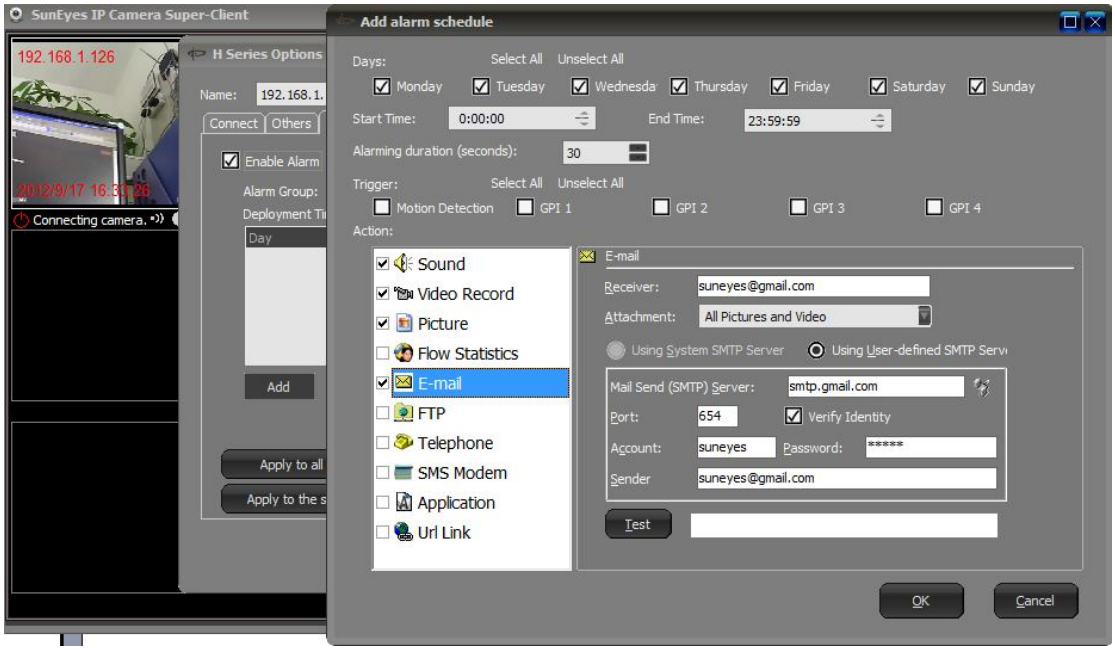
Wifi Settings:



3.3 Email&Motion Detection Alarms Settings

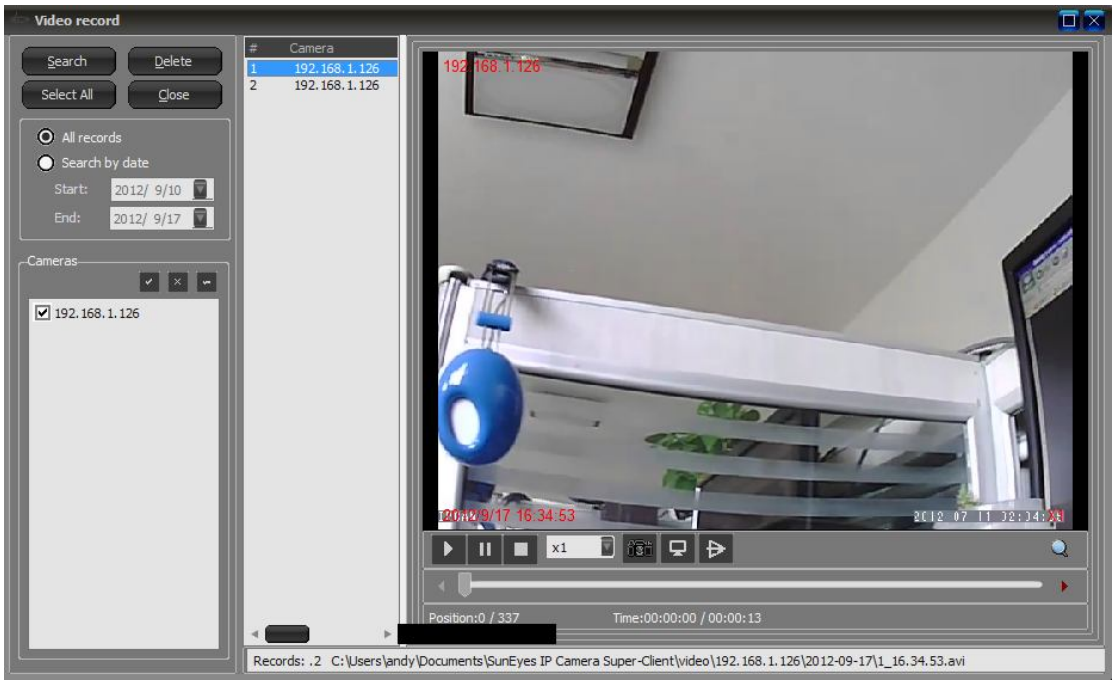


3.4 Record Settings by Shedule



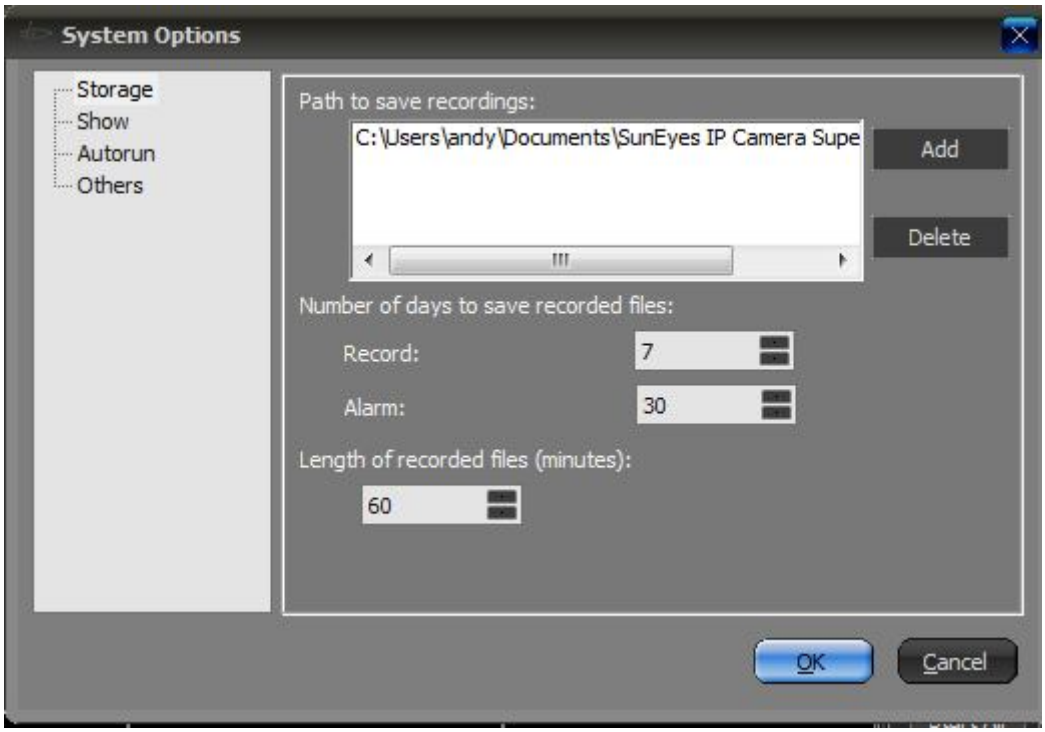
3,5 Paly Back the Videos

Click



3.6 Setting Storage Path

Click



4.HOW TO View in Outside Netwrok

4.1Using a router to access the Internet

Using a router to access the Internet by shared ADSL If a router is set for dial-up Internet access, it is not required to set ADSL dial-up account and password on the IP Camera.

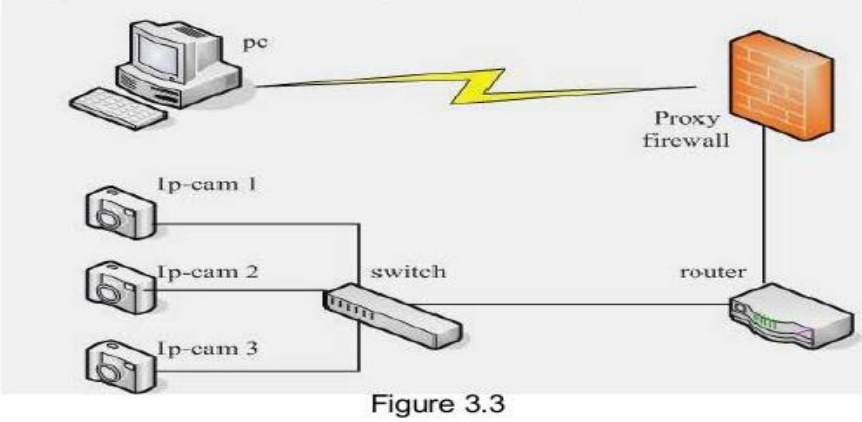
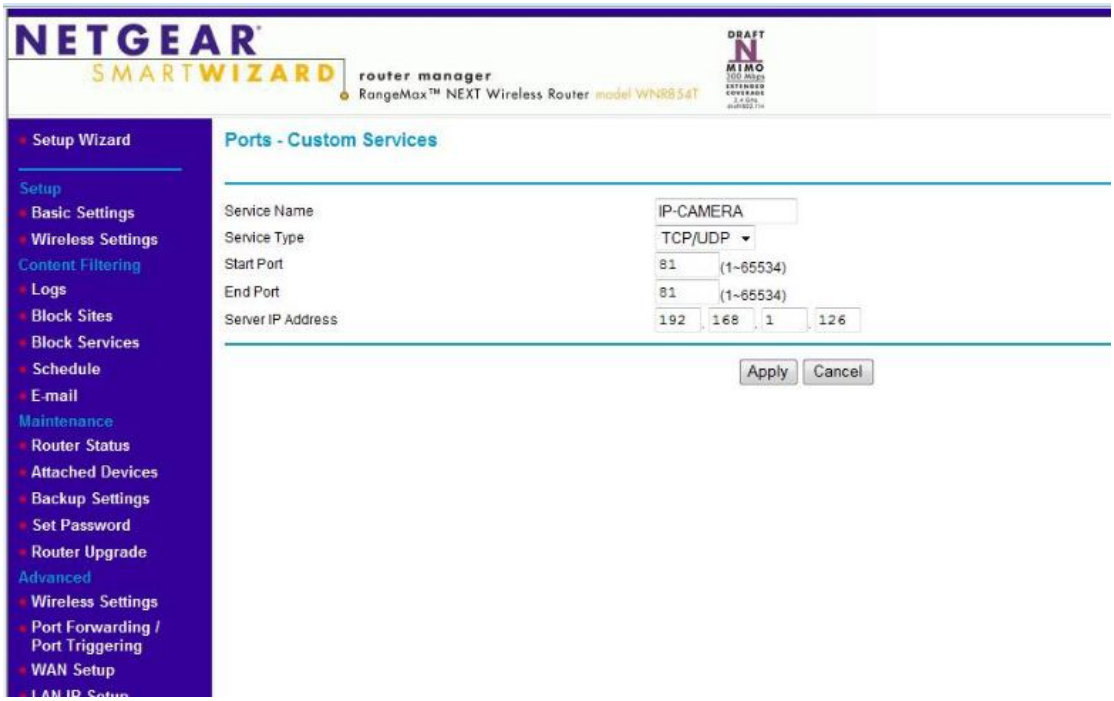
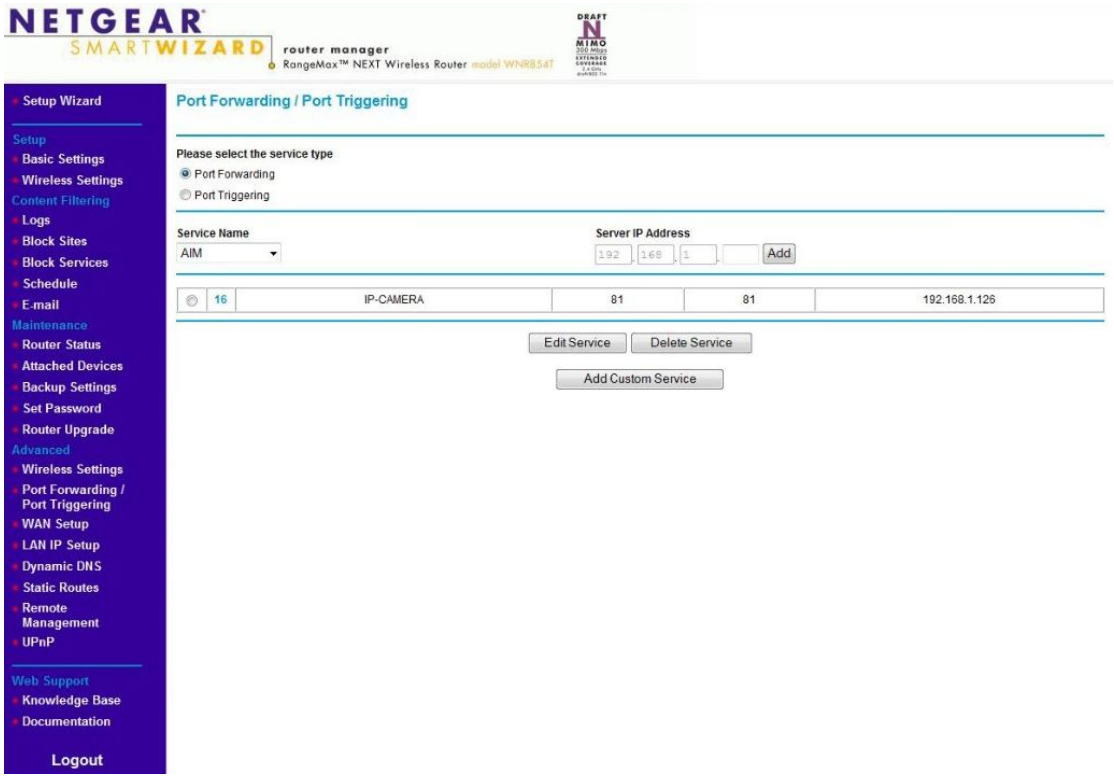


Figure 3.3

4.1.1 **Do port forwarding in your routers:**





1) Pls make sure the Server IP Address,start port and end port be same with your camera's.
2) Enter **IP Camera Wizard** to set the basic configuration,
3) Login the Camera homepage as Administration.
4) Enter **DDNS Settings Page** and ennable DDNS service. Click **<Submit>** and the device will reboot
5) You can access the Camera from Internet by domain name(like: http://demo.suneyes.hk)

4.2Static IP user

Static IP user is not need to use DDNS for remote access. When finished the setting of the IP Camera in LAN, and port forwarding in the routers,you can access the Camera directly from Internet by the WAN IP. You can obtain the WAN IP by two ways.

Obtain the WAN IP address from the router

Take the WRT54G router of LINKSYS for example,

1) Obtain the IP address of the router (LAN gateway address), user name and password for logon to the router from the network administrator,
2) Enter the LAN IP address of the router; Open the **Status** page to find out the WAN address of the router. In this example, the address is 116.25.51.115.

Figure 3.5

Access the IP Camera from the Internet

User can access the IP Camera from the Internet, by enter WAN IP address + port number in the IE to access different IP Cameras. For example, Http://116.25.51.115:81 or Http://116.25.51.115:812

4.3How to use other DDNS

For each ADSL reconnection, ISP will re-assign a new IP address for the IP Camera to facilitate the access. DDNS(Dynamic Domain Name Server) can map the dynamic IP address of an IP Camera to a fixed domain name. Therefore, we can access the IP Camera by the fixed domain name whether the IP address changes or not. The IP address is not necessary when you using the DDNS via the domain name to find your network.

1) Go to the website which Provides free domain name, register and apply a free domain name. such as http://www.dyndns.com/
2) Login the Camera homepage as Administration and enter "**DDNS Service Settings**" page input the name, password and Host . Then click**<SUBMIT>** and reboot Device.
3) Re-login the Camera homepage and enter "**DDNS Service Settings**" page to check the **DDNS Status** is **DynDns Succeed** or not.

4) You only need to enter the domain name(domain name+Port number http://suneyes.kicks-ass.net:81/) in the IE address bar, the browser will visit the IP Camera.

If multiple IP Camera are connected to the same router, enter DDNS dynamic domain +port number (for example, http://suneyes.vicp.net:85/) in the address bar of the IE to access different IP Cameras .

4.4 How to Surveillance the camera from iphone, mart phone,etc.

There are two path to realize the mobile surveillance.

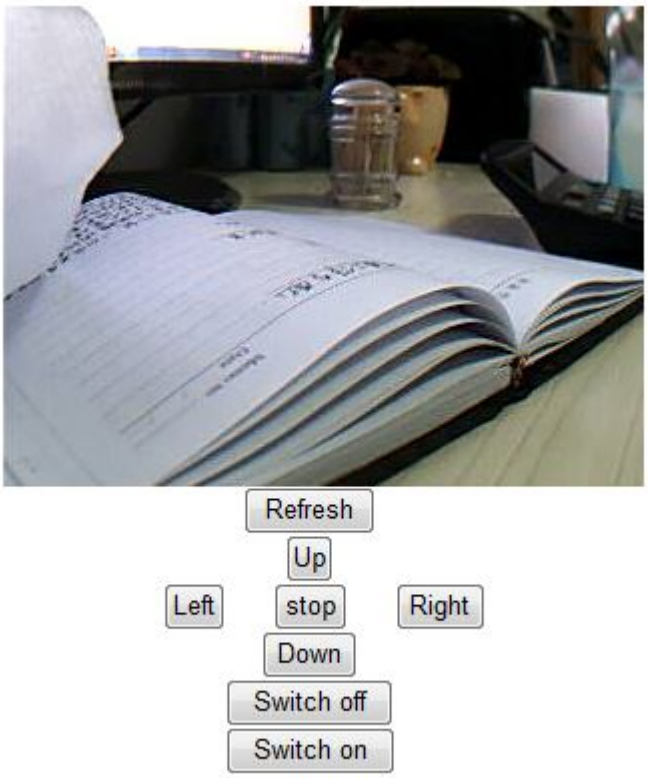
1> Use the mobile phone browser (support iphone Safari,opera mobile,etc.)
2> Use the mobile software to realize the surveillance.

4.4.1 Use the mobile phone browser

Marks: before do that,pls make sure your camera has success in outside networks.

1.open the mobile browser , type in your ip camera's DDNS or Static Public IP (like: http://demo.suneyes.hk or http://115.23.56.118:81

2.Log in user and password,select the Mobile Phone(for browser that supports Javascript)

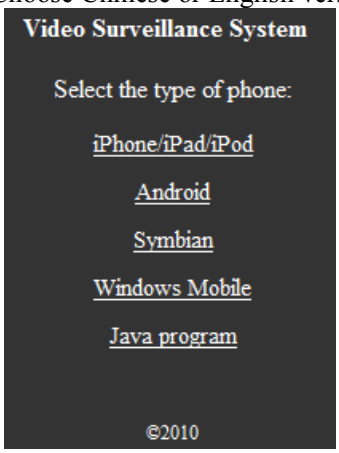


4.4.2 Use the mobile Software

Install the software in your phone by the two ways below:

1. Directly visit the website with your phone at http://3g.suneyes.hk
A page will be appeared as below:

Choose Chinese or English version, i.e. click English then have the following page:



We offer IPhone,android,Symbian,Windows Mobile and Java phone.

5 FAQ

5.1 Frequently Asked Questions

Note: Any quesetions you would meet, please check Network connections firstly.
Check the working status revealed by the indicators on the network server, hub, exchange and network card. If abnormal, check the network connections.

5.1.1 I have forgotten the administrator username and/or password.

To reset the administrator username and password, Press and hold down the RESET BUTTON fur 7 seconds. Release the power button and the username and password will be reset back to the factory default administrator username and password.
Default administrator username: **admin**
Default administrator password: No password

5.1.2 IP Address cojfiguration

Check whether IP address of the IP Ccamera server shares the same subnet as your work station: Click My Computer >Control Panel> Network & Dial-up Connections > LAN > Attributes >Internet Protocols (TCP/IP), and check IP Address and Subnet Mask. Make sure they are in the same subnet when configuring IP Camera IP address manually.
Unable to access IP Camera via web browser

5.1.3 Network Configuration

Double Check to ensure that your HTTP server software is configured and running properly. If you're running any firewall software, make sure it's allowing inbound connections to port 80, Also, if you happen to be using a cable/DSL router, make sure you've set up port forwarding properly. (consult your router's documentation for more information). If none of these seem to be the problem, it's documentation for more information). If none of these seem to be the problem, it's also possible that your ISP isblocking inbound connections to port 80-many IPSS have done this because of internet worms such as Code Red, If this is the case, you'll have to setup your HTTP server on an alternate port (such as 8080).

5.1.4 No pictures Problems with ActiveX Controller

If Internet Explorer is used as WEB Browser, download ActiveX controller and set the safety property of IE in the PC when you view it first time:
"IE" browser > "Tool" > "Internet Proper" > "Security"> "Custom Level" > "ActiveX control and Plug-ins" three options of front should be set to be "Enable", The ActiceX programs read by the computer will be stored, as follows:

Enable: Download unsigned ActiveX controls
Enable: Initialize and script ActiveX controls not marked as safe
Enable: Run ActiveX controls and plu-ins

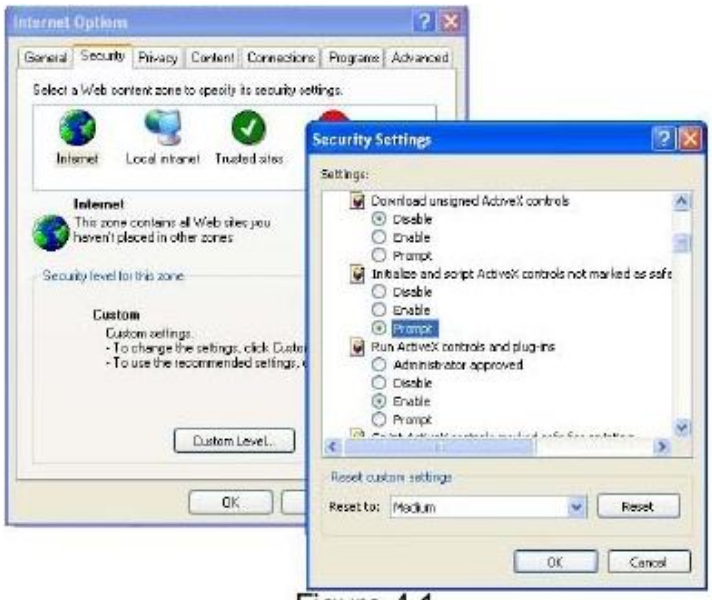


Figure 4.1

5.1.5 Problems with network bandwidth

The image frame rate is subjected to the following factors: 1, network bandwidth; 2, PC performance, network environment and display preference setting (brightness, theme, etc); 3, the number of visitors (Too many visitors will slow down the image frame rate.): 4, choice of switch or hub (Use a switch for multiple IP Camera Servers rather than a HUB,).

5.1.6 For example: Register procedure from a DDNS web

Step 1: enter http://www.dyndns.com/ and **Create Account**

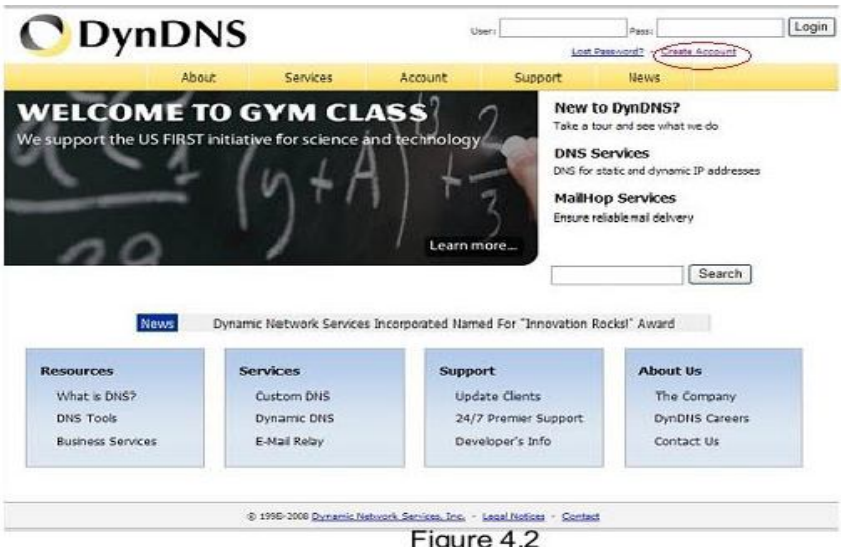


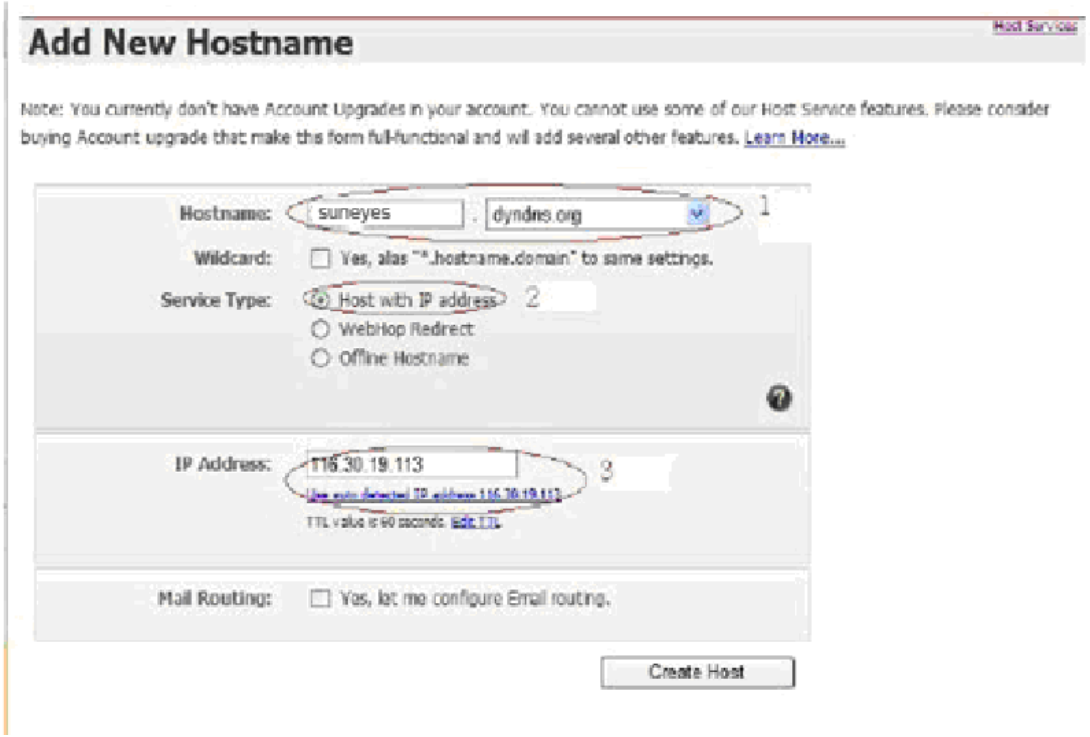
Figure 4.2

Step2: enter your information

Figure 4.3

Step3: After a minute, you will receive a E-mail from **DynDNS Support** and it will give you a confirmation address
(e.g. https://www.dyndns.com/account/confirm/vXMVT78-KvenhydmKMWH5kg)
Step4: When the Account Confirmed, login and start using your account. Choose Add Host Services and enter Add New Hostname page.

Figure 4.4



Step5: On the **Add New Hostname** page

1) input your Hostname.
2) Choose **Host with IP address**
3) Click Use auto detected IP address xxx.xx.xx.xxx Then click **Create Host**.

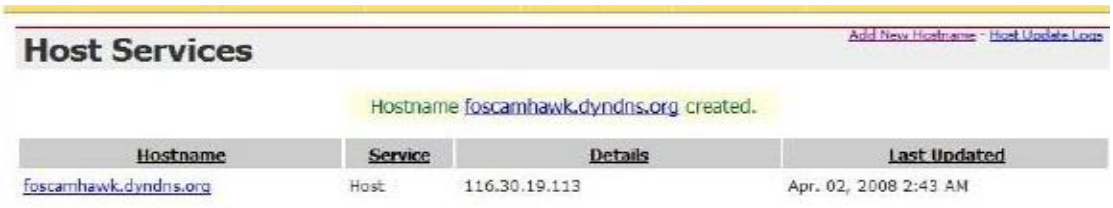


Figure 4.6

Step6: Now you obtained a Dynamic Domain Name(Figure 4.6), and can use it in **the DDNS Service Settings** (details:2.5.3)

5 OBTAINING TECHNICAL SUPPORT

While we hope your experience with the IP CAMERA network camera is enjoyable and easy to use, you may experience some issues or have some questions that this User's Guide has not answered.

TO obtain the latest information and support for your Observer network camera, please visit our webpage for additional FAQ'S and troubleshooting tips.