



IP Wireless / Wired Camera

Quick Installation Guide

(For Windows OS)



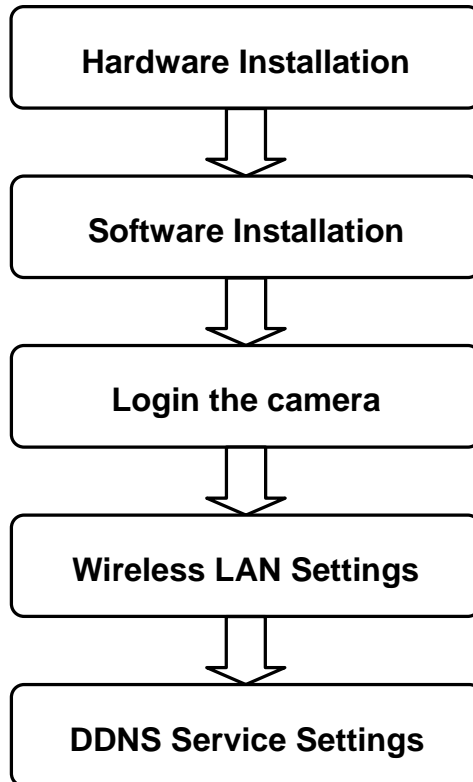
FI8909/FI8909W

Quick Installation Guide

Packing List

- 1) IP CAMERA X 1
- 2) Wi-Fi Antenna (only available for wireless model)
- 3) DC Power Supply X 1
- 4) Network Cable X 1
- 5) Mounting bracket x1
- 6) CD X 1 (Includes user manual、IP camera tool)
- 7) Quick Installation Guide X 2(For Mac OS X1, For Windows OS X1)
- 8) Warranty Card X 1

Quick Installation Guide Flow Chart



1 Hardware Installation

- (1) Open the package

(2) Connect the antenna.

Screw the antenna to the back of the camera, make sure it is attached securely.



Figure 1.1

(3) Plug the network cable and power.

Connect the network cable to your camera and to your router. Plug in the power. The green network light will blink and the red power light will also turn on.



Figure 1.2

2 Software Installation

Insert the CD in your CD drive of your computer and find the folder "For Windows OS". Select the IP Camera Tool folder. Double click **IPCamSetup.exe** and install the software per instructions.



Figure 1.3

Click **Next** to complete the software installation.

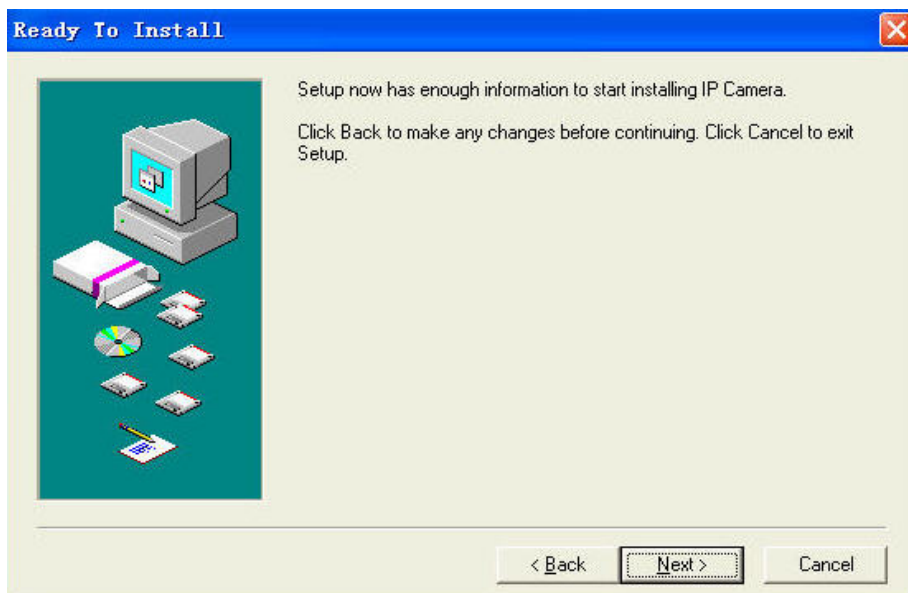


Figure 1.4

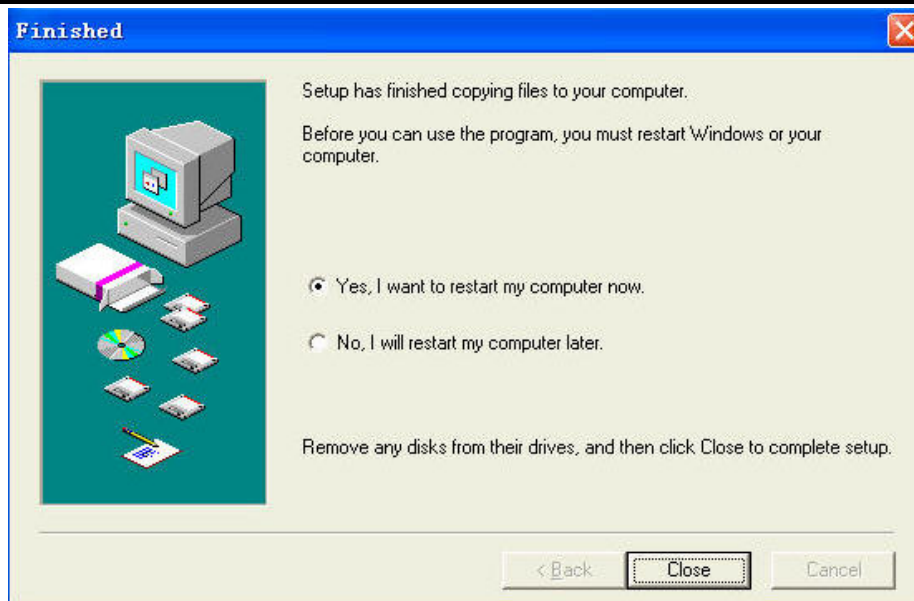
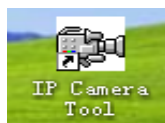


Figure 1.5

An icon will appear on your desktop after the IP Camera Tool software installation has successfully completed.



3 Login the camera

Double click the IP Camera Tool icon and the following screen should appear.

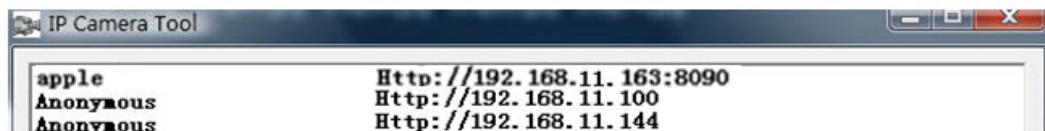


Figure 1.6

The IP camera tool should find the camera's IP automatically after you plug in the network cable. If not, please make sure that DHCP is enabled on your router. Don't enable MAC address filter or disable any firewall or antivirus on your computer.

Double click the IP address on the IP Camera Tool which will display the login UI.

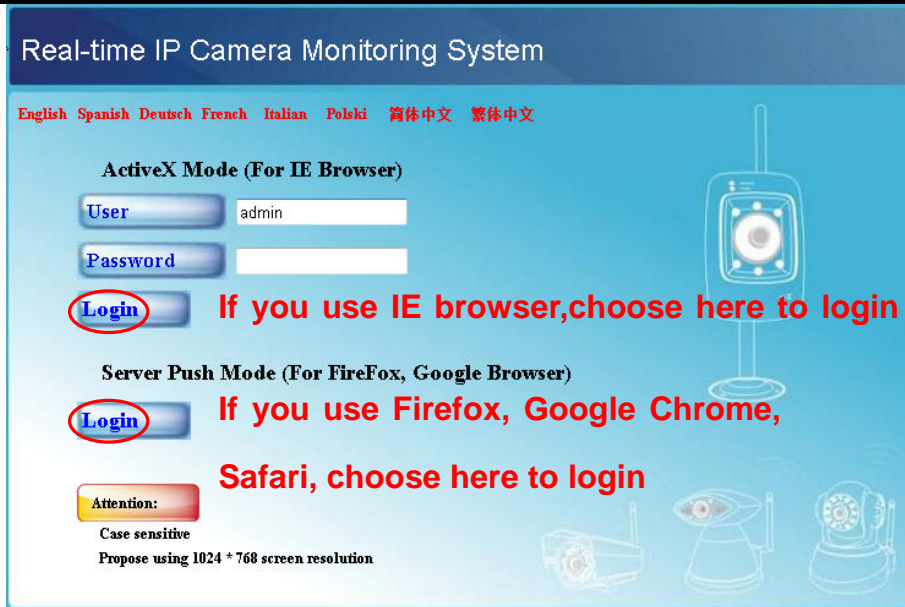


Figure 1.7

Note: If you use IE browser, please choose the first login mode (**ActiveX Mode**) to login. If you use other browsers, such as Firefox, Safari or Google Chrome, please choose the second login mode (**Server Push Mode**) to login. You will see a living video after you login.



Figure 1.8

If you are unable to see a live video, please make sure to allow the activeX running when it prompts you. (for more details: see user manual)

If you only see a black screen with a red cross in the center, please try another port number instead of the default “port 80”. You may want to try port 85, 8005.etc.

If you are still unable to see a live video, try shutting down any firewall or anti-virus software on your computer.

4 Wireless LAN Settings

(1) Please choose “**For Administrator**” and click “**Wireless LAN Settings**”.

Then choose “**Using Wireless LAN**”.

Click the Scan button and the camera will detect all WIFI devices around the area.

It should also display your router in the list. (Figure 1.9)

If the camera is unable to detect any WIFI device, click the scan button again.

Make sure to wait 1 to 2 minutes before selecting the scan button again.

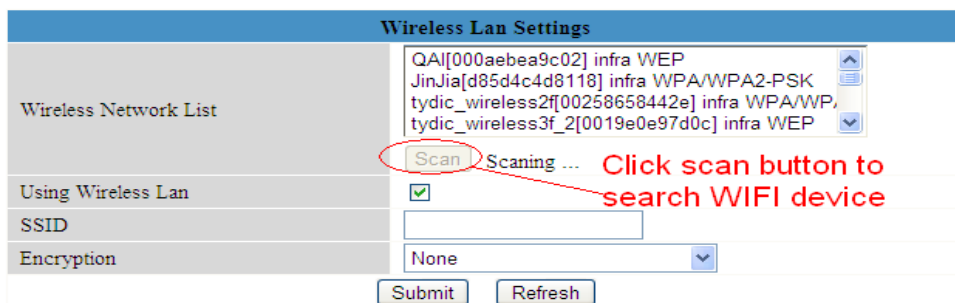


Figure 1.9

(2) Click the SSID of your router in the list, the corresponding information (SSID & Encryption) will be filled in the following boxes automatically.

You will only need to fill in the share key. Make sure that SSID, Encryption and share key you filled in for the camera are exactly the same for your router.

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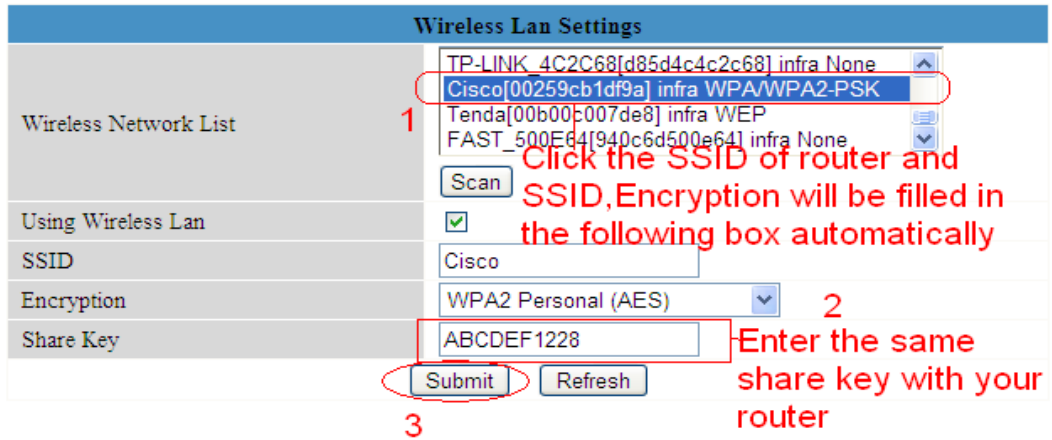


Figure 2.0

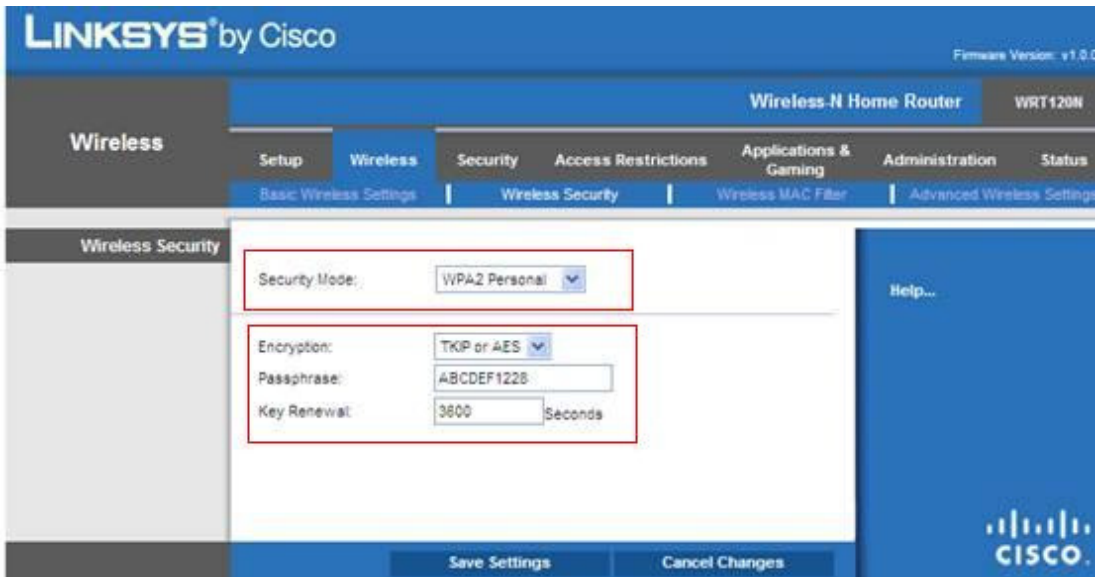


Figure 2.1

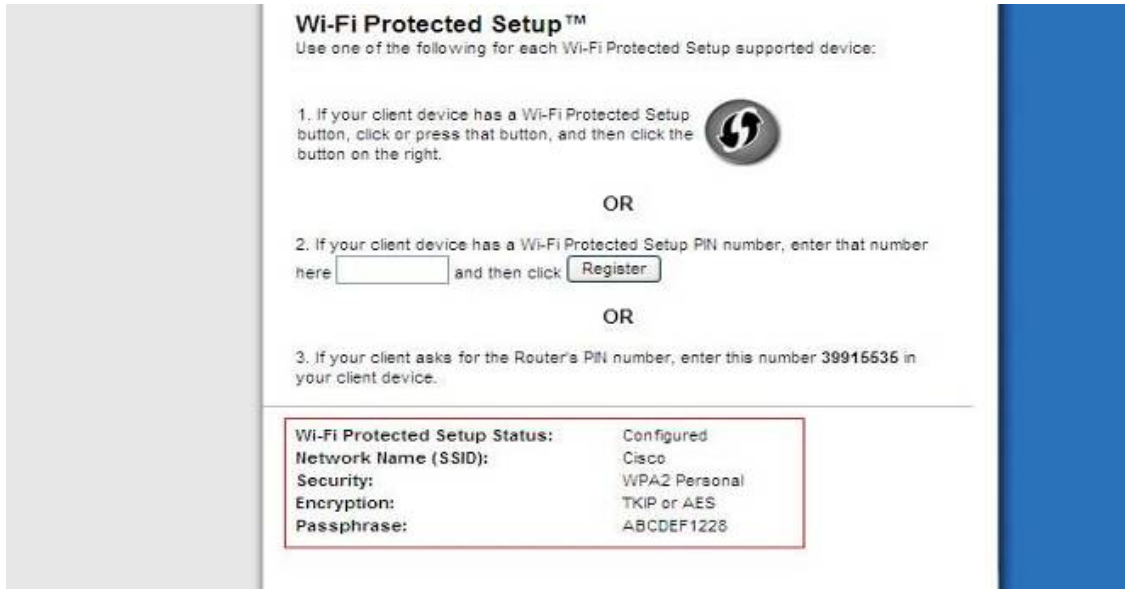


Figure 2.2

(3) Please click on the **Submit** button after all settings have been entered, the camera will reboot.

After the camera has completed the reboot process, wait 10 seconds and disconnect the network cable.

The camera should work through your wireless router.

Note: If your camera could not connect through WIFI, please see FAQ in user manual.

5 DDNS Service Settings

5.1 Static IP user

Static IP users do not need to set DDNS service settings for remote access. When finished the connection of Camera in LAN and port forwarding. (Figure 3.5/3.6) You can access the camera directly from the Internet by the WAN IP and port number. There are two ways to obtain your WAN IP.

- **Obtain the WAN IP from public website**

To obtain your WAN IP address, enter the following URL in your browser:

<http://www.whatismyip.com>. The webpage at this address will show you the current WAN IP.

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Figure 2.3

● Obtain the WAN IP address from the router

You can find the WAN IP from your router. Normally, it is in system status.

For example, here are the steps for the LINKSYS WRT54G router:

- 1) Obtain the IP address of the router(LAN gateway address),user name and password for login the router from the network administrator,
- 2) Enter the LAN IP address of the router (LINKSYS WRT54G, default LAN IP is 192.168.1.1) in the address bar of the IE to login the router; Open the **Status** page to find out the WAN address of the router. In this example, the address is 183.37.28.254.

Access the IP Camera from the Internet

You can access the IP Camera from the Internet. (remote access) Enter the WAN IP address and port number in IE browser or other browsers you use. For example, Http:// 183.37.28.254:85

Note: Make sure the port mapping(or also known as port forwarding) is successful. You can do port mapping in two ways.

- 1) Enter the setting page of the router to enable UPnP function. Then login the camera as administrator, choose **UPnP Settings** to enable UPnP and make sure the state is “UPnP success”.
- 2) Do port forwarding manually. (details: Figure 3.5/3.6)

If your router has Virtual Server, it will do port mapping. Please add the camera’s LAN IP and port which you set in basic network settings to the Virtual map list.

www.foscam.com

Note: If you plug the camera in a router, it will have dynamic IP address and you need to set DDNS service settings to view it remotely.

5.2 How to configure DDNS Service Settings (For dynamic IP user)

(1) Visit www.dyndns.com to get an account.

Choose **Sign up FREE** to get a free account.



Figure 2.4

Please set as the following picture.

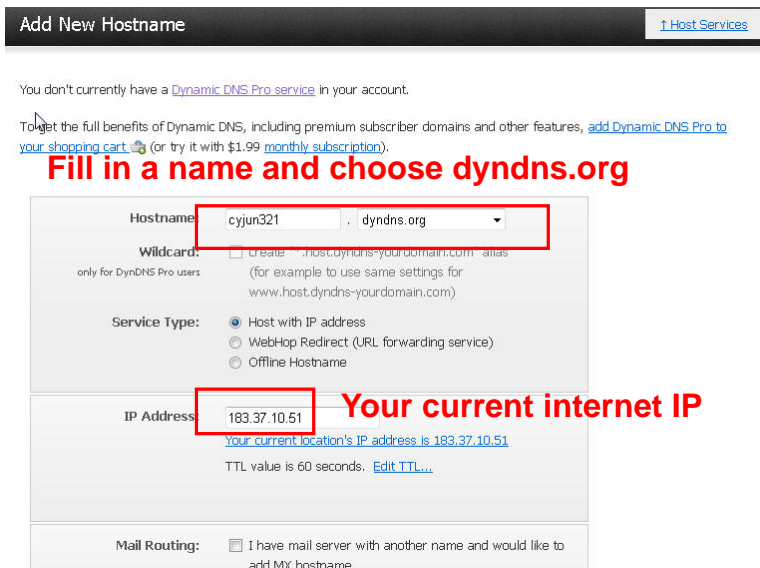


Figure 2.5

Then choose **Add To Cart**.

What do you want to use this host for?
Select services and devices you would like to use with this hostname.

Work From Home Office or VPN:

vpn remote file access remote desktop mail server web server
chat server ftp backup ssh database voip

Hosting and Design For Web Sites and Blogs:

blog gallery wiki portfolio ecommerce web page

Remote Access For Devices:

dvr webcam data storage cctv printer alarm and security
thermostat weather station game server home automation

Click here after you finish the settings above

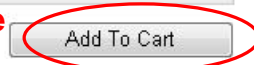


Figure 2.6

Set the following information as the picture below.

Username: cyjun321
Password:
Confirm password:
Email: gxnn2003@tom.com
Confirm email: gxnn2003@tom.com
Subscribe to: DynDNS.com newsletter (1 or 2 per month)
 Dyn Inc. press releases
 Remove HTML formatting from email

Security Image: **Fill in user name, password and email address**
5 0 5 1 5
Enter the numbers from the above image:
.....
 I agree with the [acceptable use policy \(AUP\)](#) and [privacy policy](#).

Create Account Click here to create account

Figure 2.7

The website will send you an email to your mailbox to activate your account.

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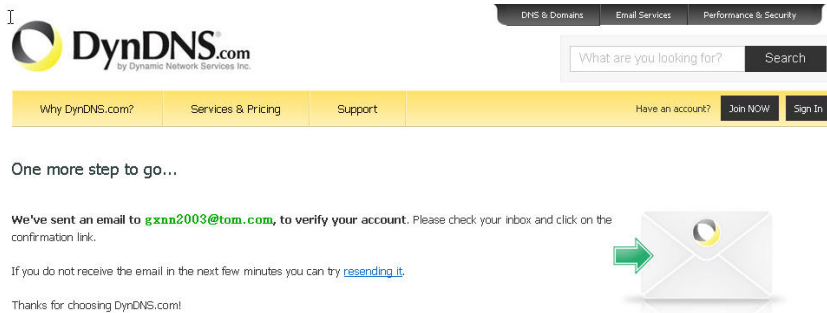


Figure 2.8

Click the link in your email to activate your account.

You may copy the link and paste it to IE or other browser you use to **activate the account**. Make sure that your account was activated or DDNS settings will fail.

Your DynDNS.com Account 'cyj321' has been created. You need to visit the confirmation address below within 48 hours to complete the account creation process:

<https://www.dyndns.com/confirm/create/Mlm96uomXKkdN4LNp8AP1Q>

Our basic service offerings are free, but they are supported by our paid services. See <http://www.dyndns.com/services/> for a full listing of all of our available services.

Figure 2.9

You will see the following screen. Click **Activate Services>>**

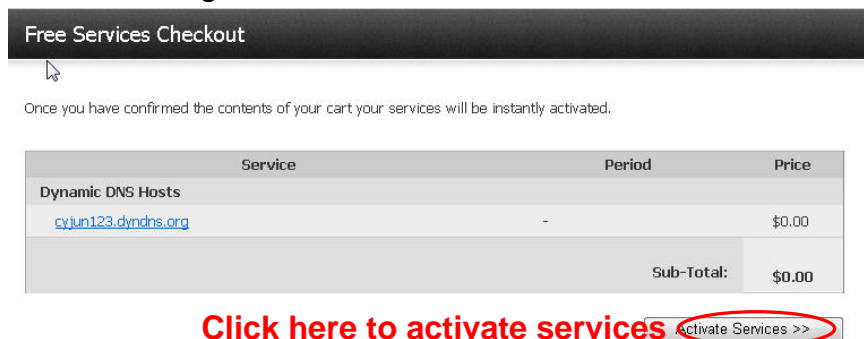


Figure 3.0

All the settings are saved and the following screen appears (Figure 3.1).

Your host name will be displayed in the list.

Note: Please remember the host name, user name and password; they are needed when you set DDNS service settings of your camera.

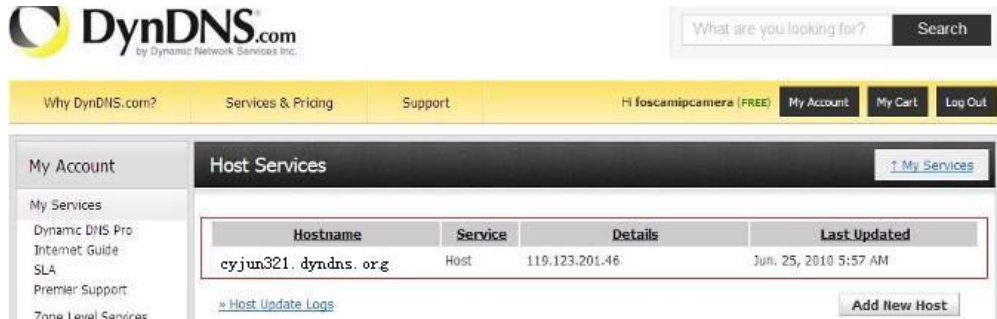


Figure 3.1

(2) Basic Network Settings

A static IP for the camera is needed when configuring the DDNS service settings. Login your camera and set basic network settings as the picture below.

Basic Network Settings	
Obtain IP from DHCP Server	<input type="checkbox"/>
IP Addr	192.168.11.163
Subnet Mask	255.255.255.0
Gateway	192.168.11.1
DNS Server	192.168.11.1
Http Port	8090
Network Lamp	<input checked="" type="checkbox"/>
<input type="button" value="Submit"/> <input type="button" value="Refresh"/>	

Figure 3.2

Make sure your camera is in the same subnet as your router. In other words, keep the first three sections the same as your router or your computer.

Gateway is your router's LAN IP. You can find DNS server in your router, if you don't know the DNS server; you can also find it in local area connection of your computer. (for more details: see user manual—Basic network settings)

Normally, it contains your computer's LAN IP, gateway, DNS server.

Click Submit after entering these settings, the camera will reboot.

(3) DDNS service settings

Set DDNS service settings as follows:

Use the DDNS domain name you got from the DynDns website.

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The screenshot shows the 'DDNS Service Settings' page. It includes a dropdown menu for 'DDNS Service' set to 'DynDns.org(dyndns)', text input fields for 'DDNS User' (cyjun321) and 'DDNS Host' (cyjun321.dyndns.org), a password field for 'DDNS Password', and a checkbox for 'Re-Update Ignoring All Errors' which is unchecked. There are 'Submit' and 'Refresh' buttons at the bottom.

Figure 3.3

Click Submit after entering in all the information. The camera will reboot. Login the camera again to check if the DDNS settings show “Succeed”.

The screenshot shows the 'Device Status' page. The 'DDNS Status' field is highlighted with a red box and contains the text 'DynDns Succeed http://cyjun321.dyndns.org:8090'. A red text annotation 'Make sure DDNS succeeded' is placed to the right of the table.

Device Status	
Device ID	321000000000
Device Firmware Version	11.28.2.38
Device Embedded Web UI Version	2.4.91.15
Alias	apple
Alarm Status	None
DDNS Status	DynDns Succeed http://cyjun321.dyndns.org:8090
UPnP Status	UPnP Succeed
MSN Status	No Action

Figure 3.4

(4) How to configure port forwarding.

Login your router and locate the port forwarding settings.

For example, the Linksys router has the following configuration settings.

Set the port forwarding fields as follows:

The screenshot shows the 'Applications & Gaming' section of a Linksys router's web interface. The 'Single Port Forwarding' tab is selected. A table lists port forwarding rules. The rule for 'apple' is highlighted with a red box, showing an external port of 8090, an internal port of 8090, a protocol of 'Both', a target IP of 192.168.1.163, and an enabled checkbox checked.

Application Name	External Port	Internal Port	Protocol	To IP Address	Enabled
None	---	---	---	192.168.1.1	<input type="checkbox"/>
None	---	---	---	192.168.1.1	<input type="checkbox"/>
None	---	---	---	192.168.1.1	<input type="checkbox"/>
None	---	---	---	192.168.1.1	<input type="checkbox"/>
None	---	---	---	192.168.1.1	<input type="checkbox"/>
apple	8090	8090	Both	192.168.1.163	<input checked="" type="checkbox"/>
			Both	192.168.1.1	<input type="checkbox"/>
			Both	192.168.1.1	<input type="checkbox"/>
			Both	192.168.1.1	<input type="checkbox"/>

Figure 3.5

You can also choose port range forwarding.

In order to forward the port successfully, we recommend you set both of the start port and end port as the same port number. Add the camera's LAN IP and port (Figure 3.2) in the list of port forwarding page.



Figure 3.6

Do not forget to **save** these settings when you are finished.

(5) You can now use the DDNS domain name and port number to login your camera from anywhere.

For example, use strings <http://cyj321.dyndns.org:8090> to login the camera. Here cyj321.dyndns.org is the DDNS Host, 8090 is camera's port.

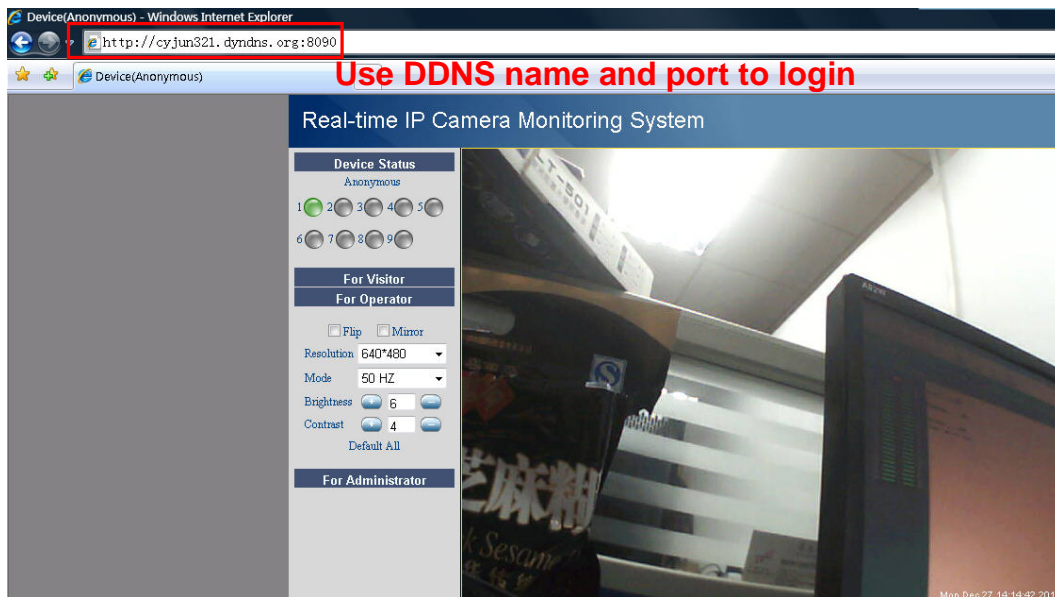


Figure 3.7

Conclusion

Other detail settings, please consult the user manual.

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