

Step 1

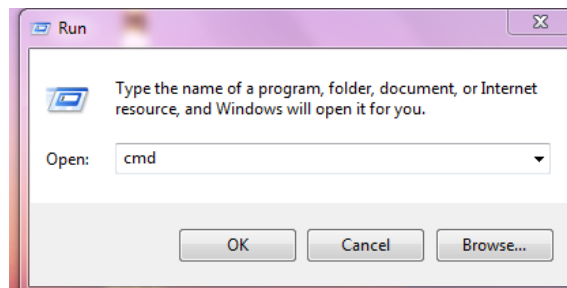
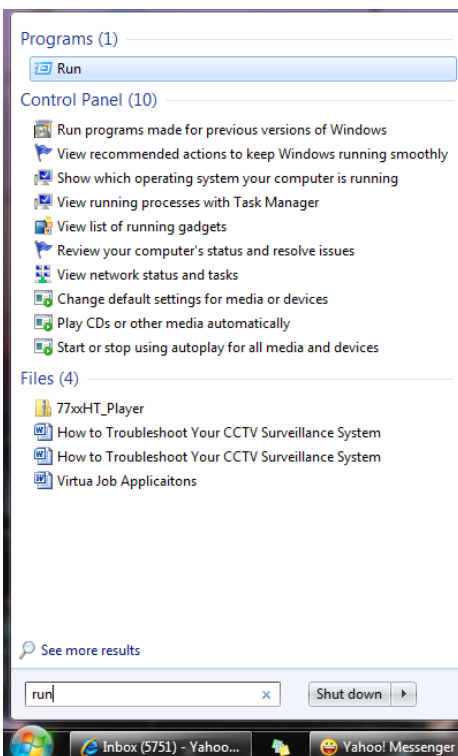
Connect your DVR into a Modem or Router using basic Ethernet / Cat-5 cable



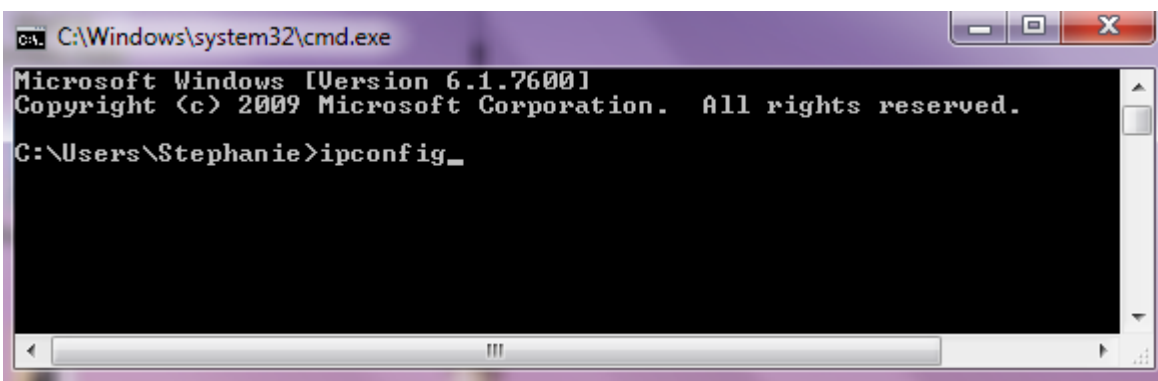
Step 2

Identify your Network IP Address

In order to identify your network IP addresses go to a computer that is connected to the same network as the DVR. On Windows, click the **start** button, select **Run** and type "CMD" as shown below, and click OK. See example below:



The command prompt below will appear. Type "ipconfig" and click Enter.



```
C:\Windows\system32\cmd.exe

Ethernet adapter Local Area Connection:

    Media State . . . . . : Media disconnected
    Connection-specific DNS Suffix . . . . . :

Wireless LAN adapter Wireless Network Connection:

    Connection-specific DNS Suffix . . . . . : hsd1.nj.comcast.net.
    Link-local IPv6 Address . . . . . : fe80::84ef:604e:fa:107b%11
    IPv4 Address. . . . . : 192.168.1.101
    Subnet Mask . . . . . : 255.255.255.0
    Default Gateway . . . . . : 192.168.1.1
```

Look for Default Gateway address which would be your Router address. **Please make a note of the Default Gateway as you will be needing it in order to access the router**

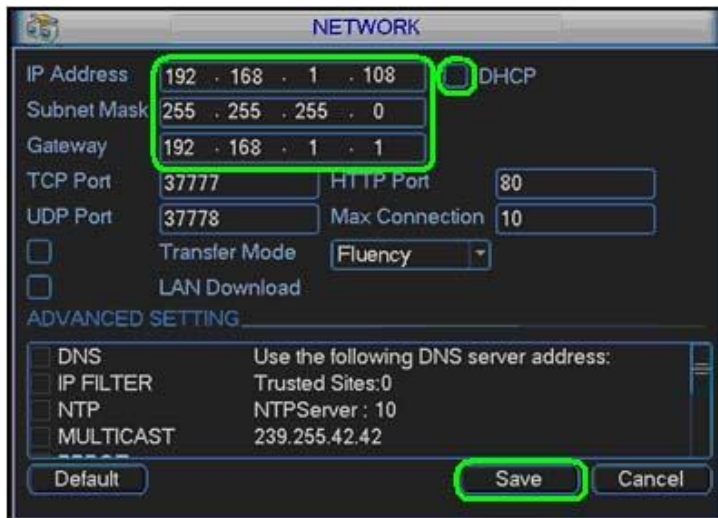
Hint: If your gateway is 192.168.1.1 you can access the DVR without changing the current IP information default IP would be 192.168.1.108 skip step 3

Step 3

Assign a unique IP Address to the DVR

Go to your DVR and right click and go to MAIN MENU, click on SETTING, and then NETWORK.

Set it to DHCP



Save then reboot the DVR (Once back on go back to the network settings and see it populate) again the “gateway” is your router address

Step 4 Open Ports on Router for Remote View

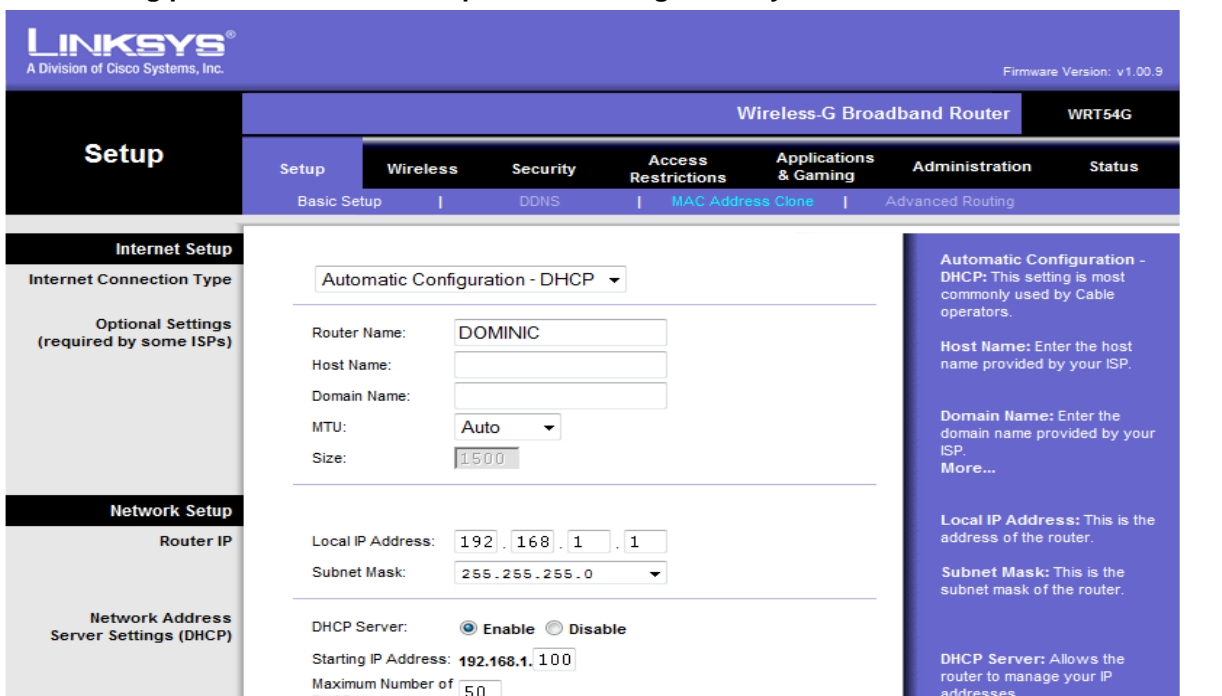
Log into your network Router by typing the Default Gateway IP into the Address Bar on your Internet browser (For Example: 192.168.1.1). You will be prompted to enter your Router’s user name and password. **Please refer to your Router’s manual to obtain this information.**

Default User name for Linksys is "admin" and password is "admin"



Once you get onto your router's main page the next step is to configure your network for remote access. In order to do this, you will need to configure your router's port forwarding settings.

The port forwarding process varies dependent upon router model. You can visit www.portforward.com for a list of guides by router model. You can also contact your router provider with additional questions regarding the port forwarding process. In this example we are using a Linksys Router.



Step 1: Click on Application & Gaming

Ports to forward : 80 & 37777

LINKSYS
 A Division of Cisco Systems, Inc. Firmware Version: v1.00.9

Wireless-G Broadband Router WRT54G

Applications & Gaming | Setup | Wireless | Security | Access Restrictions | **Applications & Gaming** | Administration | Status

Port Range Forward | Port Triggering | DMZ | QoS

Port Range Forward

Port Range					
Application	Start	End	Protocol	IP Address	Enable
DVR	80	to 80	Both	192.168.1.102	<input checked="" type="checkbox"/>
DVR2	37777	to 37777	Both	192.168.1.102	<input checked="" type="checkbox"/>
	0	to 0	Both	192.168.1.0	<input type="checkbox"/>
	0	to 0	Both	192.168.1.0	<input type="checkbox"/>
	0	to 0	Both	192.168.1.0	<input type="checkbox"/>
	0	to 0	Both	192.168.1.0	<input type="checkbox"/>

Port Range Forwarding:
 Certain applications may require to open specific ports in order for it to function correctly. Examples of these applications include servers and certain online games. When a request for a certain port comes in from the Internet, the router will route the data to the computer you specify. Due to security concerns, you may want to limit port forwarding to only those ports you are using, and uncheck the **Enable** checkbox after you are finished. [More...](#)

Then Click Save

You can check that the port is open by going to www.canyouseeme.org . Enter the port (80 & 3777) in the box and click check

CanYouSeeMe.org - Open Port Check Tool

This page will serve as a free utility for remotely verifying a port is open or closed. It will be useful for or ISP is blocking certain ports.

Your IP: **68.183.161.146**

What Port?

Common Ports

- FTP 21
- SSH 22
- Telnet 23
- SMTP 25
- Web 80
- Pop 3 110
- IMAP 143
- Other Applications
- Remote Desktop 3389
- PC Anywhere 5631

Success: I could **not** see your service on **68.183.161.146** on port **(80)**

Dynamic IP Redirator

After Port Forwarding is completed, go to no-ip.com to create a free domain name to access the dvr.

www.no-ip.com

On the Home page click on NO-IP Free

FROM \$15 Register Your Domain [input] .com [Search]

No-IP Free
Create a FREE hostname to point to your dynamic IP
See what over 10+ million users are talking about. Try us for FREE!
Learn More >

POP3 / IMAP Mail
Outsource your mail service administration
Packages including 100MB to 2GB of storage, webmail access, advanced spam and virus filtering!
As low as \$19.95 per year.
Learn More >

Feature Highlight
Configure your router to work with No-IP.com
Our DDNS is included in many hardware routers.
We'll help you get started.
Learn More >

Stay Connected
Upgrade your No-IP account to unlock many exciting features.
No-IP Backup DNS: Maximize uptime and add Anycast to your existing DNS infrastructure.
No-IP Monitoring: 24/7 server monitoring including automatic failover.
Mail Reflector: Run a mail server even if your ISP blocks port 25.

Creating an account is easy, simply fill out the form and be sure to include a valid email address for the confirmation email to be sent to. You must use a legitimate email address as it will request you to confirm it.

Create Your No-IP Account

If you already have an account then you can [sign in here](#).

About You:
First Name: [input]
Last Name: [input]
How did you hear about us?: [Select One]
Zip/Postal Code: [input]
Intended Use?: [Select from below]

Account Information:
Email: [input]
Password: [input]
Confirm Password: [input]

Account Access:
Security Question: [Select a Question]
Your Answer: [input]
Birthday: [Select a Month] [DD] [YYYY]

Account Verification:
30-196 atcover
Type the two words above: [input]
Can't read this?
Get two new words
Hear a set of words
Powered by reCAPTCHA
Help

Terms of Service:
Please review our Terms of Service (TOS) below. By creating an account you are agreeing to our TOS and Privacy Policy. The TOS states you may only have one (1) free account, and that creation of multiple free accounts will result in the termination of all of your accounts.
 I agree that I will only create one free No-IP account.
Terms of Service
1. ACCEPTANCE OF TERMS
No-IP.com is an Internet-based Web site that offers DNS Hosting, dynamic DNS, URL Redirection, email hosting, domain name registration, server monitoring, and software utilities (each a "Service" and collectively "Services"). Vitalwerks Internet Solutions, LLC, doing business as No-IP.com.
By clicking on "Accept" below you are agreeing to the [Terms of Service](#) above and the [Privacy Policy](#).

Once confirmed and logged in please click on Add a Host

Create a Hostname (Keep the name simple this will be your permanent address)

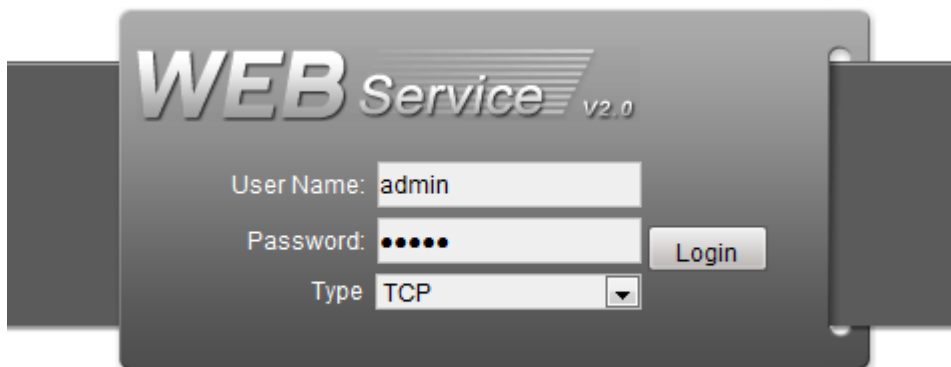
Note: Make sure you select DNS Host (A)

Then Click Create Host (please make a note of your email address/User name, password & hostname)

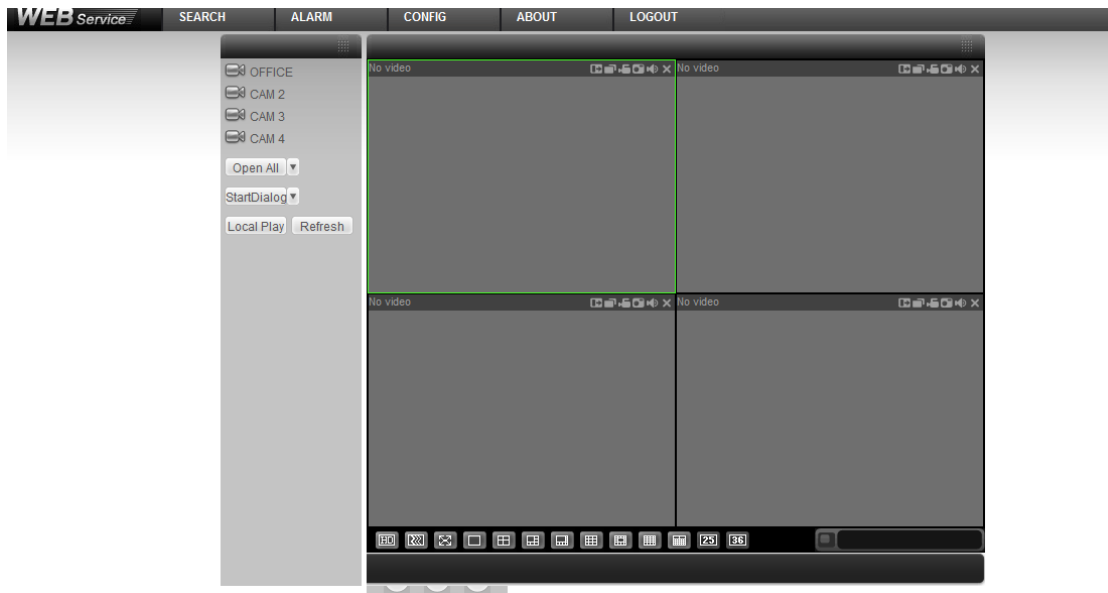
DDNS DVR Configuration

If this is the first time you have logged into your DVR Please click [HERE](#) first

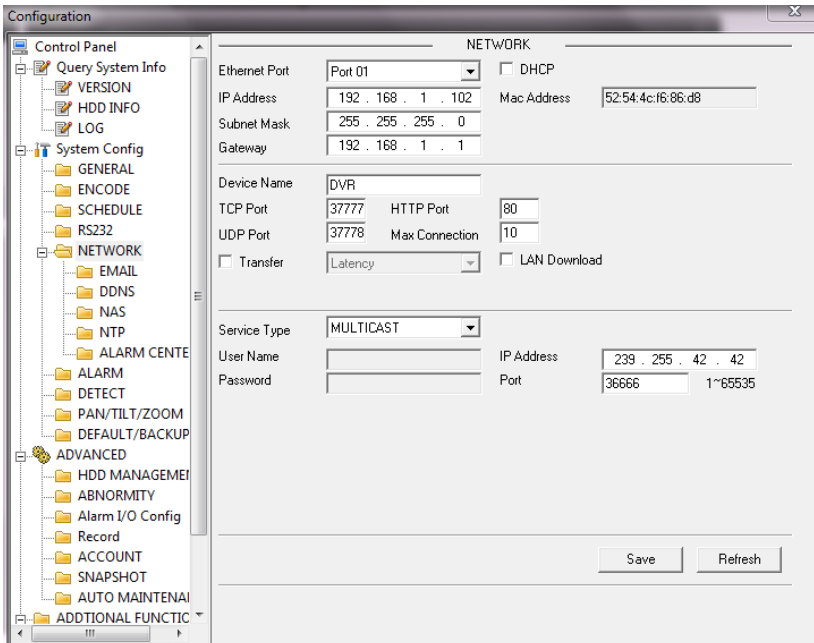
Once you hit enter it should load you to this WEB SERVICE page and the default user name and password are the same as your DVR default passwords. Click Login.



Once logged in you will have access to your cameras locally, click on CONFIG.



Then Click on network and click on the file tab for DDNS.



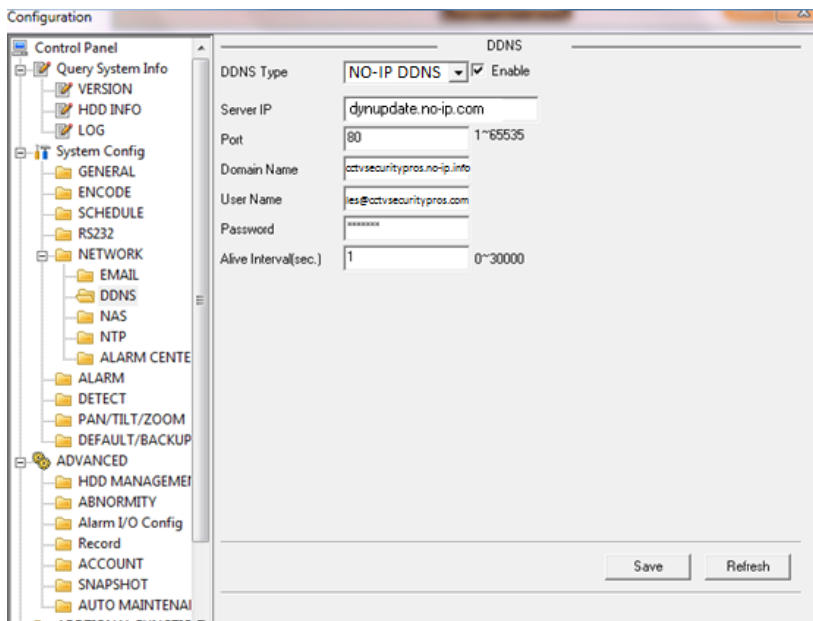
Select DDNS type “NO-IP DDNS” & Check enable

Server IP: “dynupdate.no-ip.com”

Domain name: the host name that you created in NO-IP.com (ex: cctvsecuritypros.no-ip.info)

User name: the email or user name that you created in NO-IP.com (ex: sales@cctvsecuritypros.com)

Password: the password that you created in NO-IP.com



That completes this section of the network configuration, the host name that you created ex. cctvsecuritypros.dyndns.org is best to test outside your network.

If you ever have trouble with any step of this remote viewing setup guide please don't hesitate to contact technical support at 1-888-653-2288.