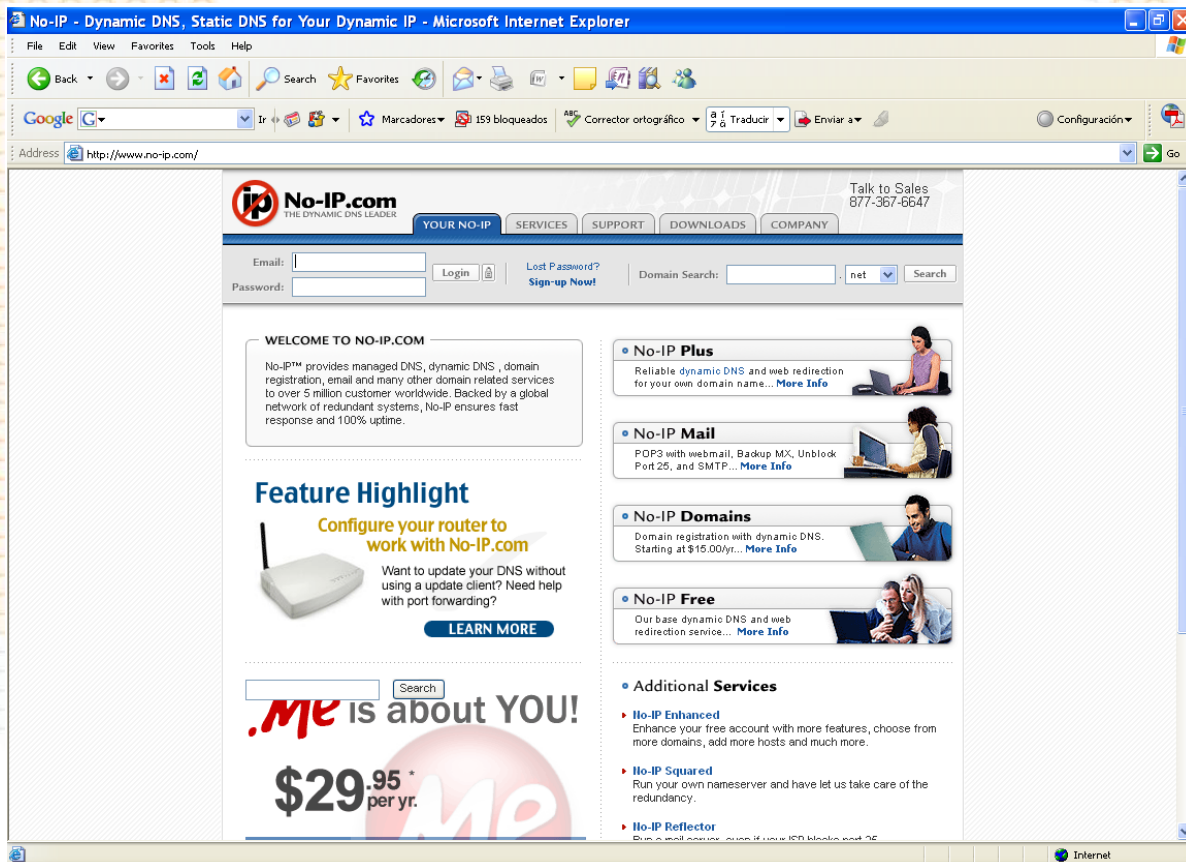


How to use Domain Name Servers to handle Dynamic IP Addresses with Quaddrix IP devices

Step 1.

Enter onto a Free DNS provider page, we will use www.no-ip.com for this instructive, there are many different options on the Web.



Step 2.

Select the service from the presented options, in this case "No-IP FREE"

The screenshot shows the No-IP.com website interface. At the top left is the No-IP logo with the tagline "THE DYNAMIC DNS LEADER". To the right, there is a "Talk to Sales" contact number: 877-367-6647. Below the logo is a navigation menu with tabs for "YOUR NO-IP", "SERVICES", "SUPPORT", "DOWNLOADS", and "COMPANY". The "YOUR NO-IP" tab is selected. Below the navigation is a login section with fields for "Email:" and "Password:", a "Login" button, and links for "Lost Password?" and "Sign-up Now!". To the right of the login fields is a "Domain Search" section with a search box, a dropdown menu set to ".net", and a "Search" button. The main content area is divided into several sections. On the left, there is a "WELCOME TO NO-IP.COM" section with a paragraph of text. Below this is a "Feature Highlight" section featuring an image of a white wireless router and the text "Configure your router to work with No-IP.com". To the right of the router image is a question: "Want to update your DNS without using a update client? Need help with port forwarding?" and a "LEARN MORE" button. On the right side of the main content area, there is a vertical list of service options, each with a small image and a "More Info" link. The options are: "No-IP Plus" (Reliable dynamic DNS and web redirection for your own domain name...), "No-IP Mail" (POP3 with webmail, Backup MX, Unblock Port 25, and SMTP...), "No-IP Domains" (Domain registration with dynamic DNS. Starting at \$15.00/yr...), and "No-IP Free" (Our base dynamic DNS and web redirection service...). The "No-IP Free" option is circled in green.

No-IP.com
THE DYNAMIC DNS LEADER

Talk to Sales
877-367-6647

YOUR NO-IP SERVICES SUPPORT DOWNLOADS COMPANY

Email:
Password: Login Lost Password? [Sign-up Now!](#) Domain Search: .net

WELCOME TO NO-IP.COM

No-IP™ provides managed DNS, dynamic DNS, domain registration, email and many other domain related services to over 5 million customer worldwide. Backed by a global network of redundant systems, No-IP ensures fast response and 100% uptime.

Feature Highlight

Configure your router to work with No-IP.com

Want to update your DNS without using a update client? Need help with port forwarding?

[LEARN MORE](#)

- No-IP Plus**
Reliable dynamic DNS and web redirection for your own domain name... [More Info](#)
- No-IP Mail**
POP3 with webmail, Backup MX, Unblock Port 25, and SMTP... [More Info](#)
- No-IP Domains**
Domain registration with dynamic DNS. Starting at \$15.00/yr... [More Info](#)
- No-IP Free**
Our base dynamic DNS and web redirection service... [More Info](#)

Step 3.

Sign up on the DNS provider

SIGN UP NOW! ▶

You will be requested to fill in some information, and accept the terms of service of the provider. Fill the form and accept the terms,

Create Your No-IP Account

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

— Account Information —

Email:

Password:

Confirm password:

— About You —

First name:

Last name:

How did you hear about us?

Zip/Postal Code:

— Account Access —

Security question:

Your answer:

Birthdate:

— Verify Your Registration —

Enter the code shown:

[Hear the Code](#)

— 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.

T. ACCEPTANCE OF TERMS

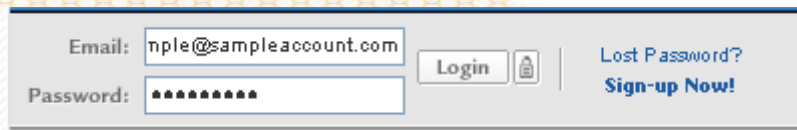
No-IP.com is an Internet-based Web site that offers DNS Hosting, dynamic DNS, URL Redirection, email hosting, domain name registration, server monitoring, and software utilities (each a "Service" and collectively "Services"). Vitalwerks Internet Solutions, LLC, doing business as No-IP.com, ("No-IP.com" or "we"), provides the Services subject to the terms

By clicking on 'I Accept' below you are agreeing to the [Terms of Service](#) above and the [Privacy Policy](#).

Step 4.

After the registration process you will receive an activation e-mail. Click on the activation link. It will take you to the DNS provider site and you will see a message of "Account Activated".

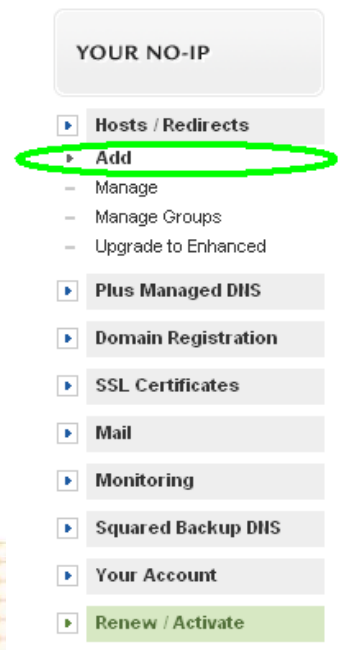
Log in with the user name and password that you typed during the registration process:



Email: [Lost Password?](#)
Password: [Sign-up Now!](#)

Step 5.

Once logged in, from the left menu select "Hosts/Redirects → Add":



Step 6.

Now you need to pick up your Host name and your type of host. Pick any name that you prefer and the related extension from the list for the host name (like no-ip.biz). We will use "sampleDVR.no-ip.biz" for this instructive.

- On Host Type, select the first choice "DNS HOST (A)".
- The form will automatically show you the IP address of the router that you are using to connect to the internet. Leave it exactly like it appears if your DVR or IP camera is connected to the same network. If you are making the set up from a different location than the DVR's, please type in the Public IP address of the router on the DVR location. (if it is a dynamic address, you will need to check the current IP address at the moment of the setup)

• Add a Host

Fill out the following fields to configure your host. After you are done click 'Create Host' to add your host.

| Hostname Information | |
|----------------------|--|
| Hostname: | <input type="text" value="sampleDVR"/> . <input type="text" value="no-ip.biz"/> ? |
| Host Type: | <input checked="" type="radio"/> DNS Host (A) ? <input type="radio"/> DNS Host (Round Robin) <input type="radio"/> DNS Alias (CNAME) ? <input type="radio"/> Port 80 Redirect <input type="radio"/> Web Redirect |
| IP Address: | <input type="text" value="190.25.201.182"/> View History ? |
| Assign to Group: | <input type="text" value="---"/> View Groups Add Group ? |
| Allow Wildcards: | <input type="checkbox"/> Enhanced/Plus Feature ? |

Own a domain name?

► Use your own domain name with our DNS system. [Add your domain name now or read more](#) for pricing and features.

Step 7.

Once you set up all your host configuration, click on "Create Host" at the bottom of the page.

Create Host

Step 8.

The system will ask you to wait about 5 minutes while they update the typed information and set up the DNS. After that time, to test your DNS configuration, open a new Internet Explorer window, and on the address field type in the full host name and the selected extension:

<http://sampledvr.no-ip.biz>

It will forward your request to the specified router, if you have the router properly configured to port forward to the DVR or IP camera, it will take you straight to it.

If you don't get access, or if you get the router's login screen, check the router configuration and make sure you are port forwarding to the right LAN address.

Step 9.

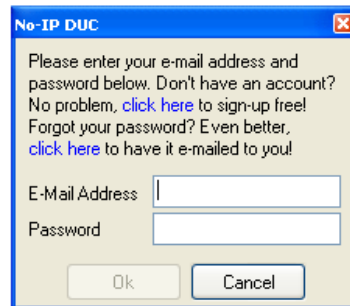
If you are using dynamic IP address on the router, you will need to download and install on a computer located on the same network than the DVR a software called DUC (Dynamic Update Client). It will continually check for changes on the IP and update the DNS associated IP. Just select the operating system of the machine where you are going to install it and proceed.



The screenshot shows the No-IP.com website interface. At the top, there is a navigation menu with links for 'YOUR NO-IP', 'SERVICES', 'SUPPORT', 'DOWNLOADS', and 'COMPANY'. The 'DOWNLOADS' link is highlighted. Below the navigation, there is a user login area showing 'Logged In As: victor@quaddrix.com' and 'Current IP: 190.25.201.182'. A search bar is also visible. The main content area is titled 'Downloads' and contains the following text: 'Keep your current IP address in sync with your No-IP host or domain with our Dynamic Update Client (DUC). Our dynamic DNS update client continually checks for IP address changes in the background and automatically updates the DNS whenever it changes.' Below this, it says 'Choose your operating system below to download the appropriate client for your system.' There are three icons representing operating systems: Windows, Mac, and Linux / BSD / Unix. A note at the bottom states: 'NOTE: You must add hostnames on the website first before you can have the updater update them.'

Step 10.

After you download and install the DUC, it will ask you for your no-IP registered e-mail and account password. Type in the requested information.



Step 11.

The system will automatically log onto your no-ip account and show you the DNS under that account. Select the domain that you want to update from this computer. The application can be minimized and it will run on background permanently updating the public IP address.



Step 12.

For specific instructions on how to set up your DVR or IP camera to use DNS instead IP address, please refer to each product manual. In most of the cases is just selecting "Use Server Name" instead of IP.

Note that on remote softwares you must type the full DNS address including [HTTP://](http://) to have your system properly working.