

Dynamic Domain Name Server (DDNS)

Your Internet Service Provider (ISP) provides you at least one IP address to use when connecting to the Internet. The address you are assigned may be static, meaning it never changes, or more than likely dynamic, meaning it's likely to change periodically. How often it changes depends on your ISP. A dynamic IP address complicates remote access since you may not know your current WAN IP address when you want to access your network over the Internet. DDNS provides a simple, and in most cases free, solution.

The Internet uses DNS servers to lookup domain names and translates them into IP addresses. Domain names, such as www.yahoo.com, are just easy to remember aliases for IP addresses. A dynamic DNS service provides a means of updating your IP address so that your listing will be current when your IP address changes. There are several services on the Internet that are available for free. We will only cover one, www.dyndns.org. You will need to register with the service and setup a domain of your choice from the list they provide for you.

The DDNS service in our device works by uploading your new WAN IP address to the servers when it changes. You would only need to enter the account information in the DDNS setup page of your unit.

How to setup a DynDNS DDNS account

1. Access the DynDNS homepage (www.dyndns.org).
2. If you have not registered, click 'Sign Up Now' to create a new account.
3. Follow the instructions to create a free DDNS account. Requires only e-mail address.
4. Log into your account by providing a username and password.
5. Select 'Services' from the top menu.
6. Select 'Dynamic DNS' from the choice of services.
7. Select 'Add A Host' from the 'Your Hosts' section. Follow the instructions.
8. Note your hostname so you can input it in the DDNS configuration for your device.
9. You can setup additional host names for additional devices.