

Basic Configuration of a Netgear 834

To configure a Netgear 834 router use the following simple steps. This is designed to allow you to connect a computer to the Internet, and doesn't necessarily apply to complicated networks or customers who have special requirements. For further advice consult the Netgear documentation or Netgear support for further assistance.

Step 1

For the majority of users who will read this it is assumed that you do not have a complicated network setup at present, and that you are in the initial stages of setting one up in order to connect one or more computers to this new Netgear router.

You have two choices at this point:

- a) Follow the Netgear instructions and provided CD
- b) Follow these instructions and ignore the CD (recommended)

To continue with option b) you need to know

- a) Your ADSL username (eg username@interdsl.co.uk)
- b) Your ADSL password (case sensitive)

Step 2

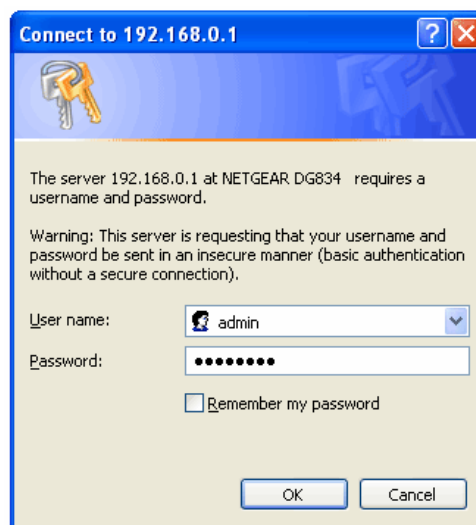
Open up a new Internet Explorer (or any other preferred Internet browser) window. If it asks you to connect to the Internet click cancel or 'work offline'.

Enter the following into the address bar and hit Enter:

192.168.0.1



This should produce a login box similar to below:



If this does appear please enter the username and password combination of:

Username: admin
Password: password

Then proceed to STEP 3.

However, if this did not work please follow these next steps of instructions:

Step 2A

Try entering in the address:

192.168.1.1

Does this present you with a login box?

Step 2B

In the bottom right-hand corner of your screen you should see the following icon.

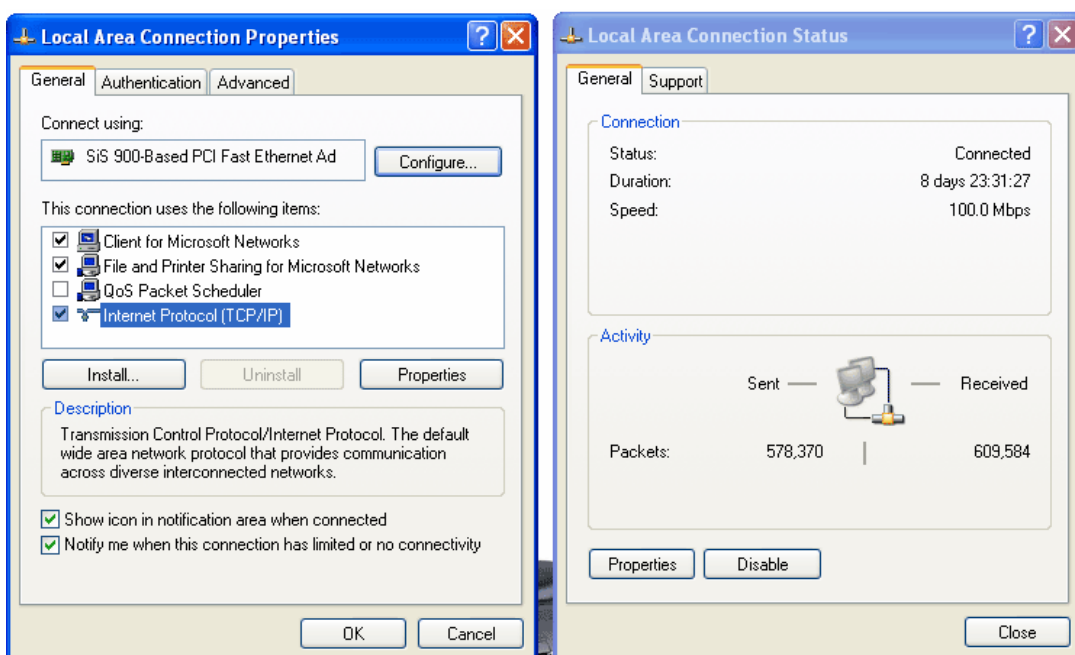


If not, it can be found by going to:

Start | Control Panel | Network Connections (if you don't see this then make sure on the left hand side of the screen it reads 'Switch to Category View' and NOT 'Switch to Classic View'. Click on the text to switch the view).

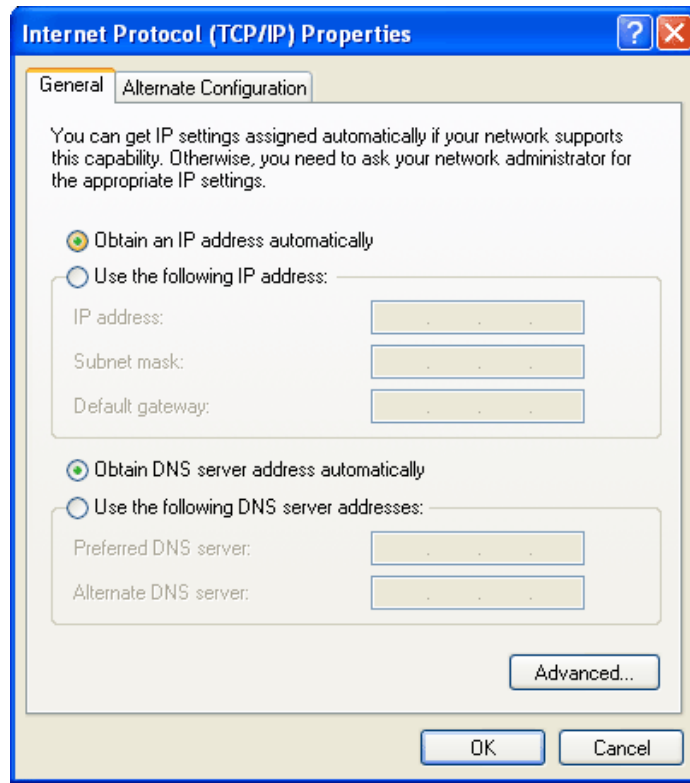
Once in Network Connections you should see an icon labelled 'Local Area Connection'. Make sure it reads 'connected' otherwise it could either be disabled, or the network connection simply isn't plugged in.

Next, double click on the 'Local Area Connection' icon and the following should appear:



The right hand side of the picture is what you will see first. Click on the 'Properties' button to gain access to what is show on the left-hand side of the picture.

Highlight the 'Internet Protocol (TCP/IP)' option by clicking on it once. Then click on the 'Properties' button. The below will be displayed:



Make sure that both the 'Obtain IP Address Automatically' and 'Obtain DNS Server Address Automatically' are selected.

Please try running through from the start of Step 2 again. If you cannot gain access to the login box please contact Netgear support, or failing that, call us for further advice.

Step 3

The first screen you are presented with may ask you if you wish to:

- a) Follow a wizard
- b) Setup the router manually (recommended)

Taking the manual option is often the simplest and ensure the correct settings are entered into the router.

Click on the link on the left hand side called 'Basic Settings'

NETGEAR ADSL Firewall Router DG834

settings

- Setup Wizard
- Setup
 - Basic Settings
 - ADSL Settings
- Content Filtering
- Logs
- Block Sites
- Security Service
- Parental Control
- Firewall Rules
- Services
- Schedule
- E-mail
- Maintenance
 - Router Status
 - Attached Devices
 - Backup Settings
 - Set Password
 - Diagnostics
 - Router Upgrade
- Advanced
 - WAN Setup
 - Dynamic DNS
 - LAN IP Setup
 - Remote Management
 - Static Routes
 - UPnP
 - Advanced - VPN

Basic Settings

Does Your Internet Connection Require A Login?

Yes
 No

Encapsulation: PPPoA (PPP over ATM)

Login: username@interdsl.co.uk
Password: ●●●●●●●●

Idle Timeout (In Minutes): 0

Internet IP Address

Get Dynamically From ISP
 Use Static IP Address

IP Address: [] . [] . [] . []

Domain Name Server (DNS) Address

Get Automatically From ISP
 Use These DNS Servers

Primary DNS: [] . [] . [] . []
Secondary DNS: [] . [] . [] . []

NAT (Network Address Translation)

Enable Disable

Apply Cancel Test

Make sure that:

- You have selected 'Yes' for the need to connect using a login at the top.
- Encapsulation reads 'PPPoA'
- Enter your ADSL username and password details
- The rest is left as shown

Click on the button which says 'Apply'

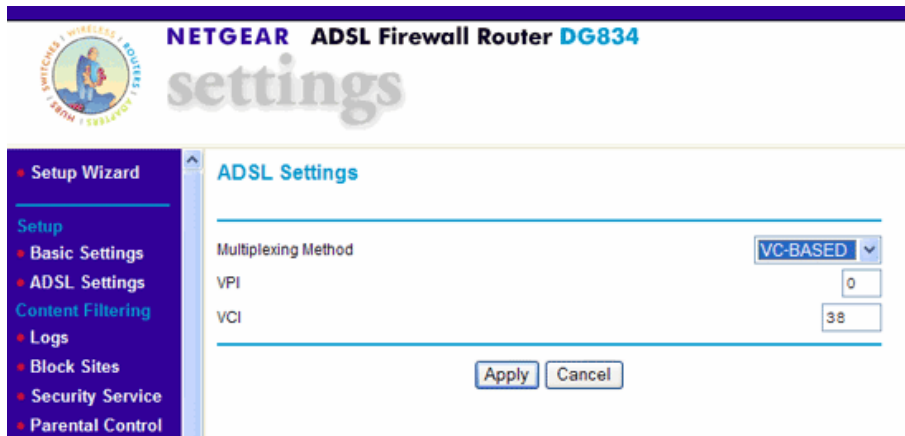
Step 4

Click on the link on the left hand side labelled as 'ADSL Settings'

Make sure that:

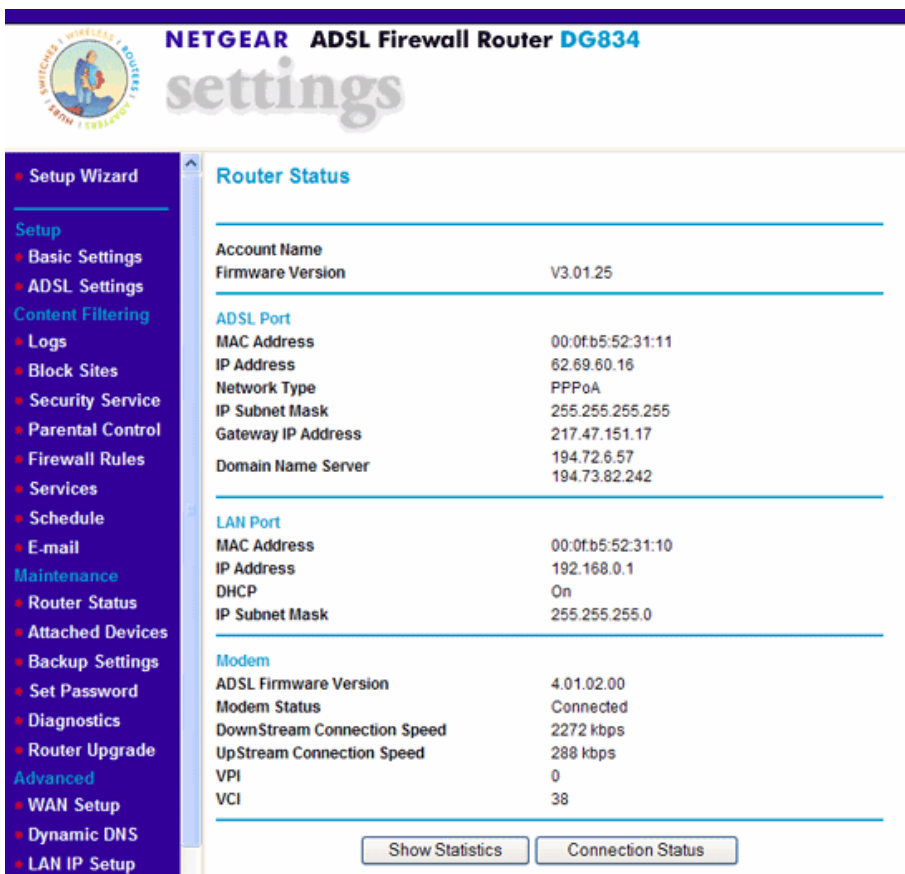
- Multiplexing Method is set to 'VC-Based'
- VPI is set to 0
- VCI is set to 38

Click on apply once complete.



Step 5

Click on the link labelled 'Router Status'.



It should contain a number of IP addresses as shown above. If most of this information is missing then click on the button 'Connection Status' towards the bottom of this page.

It should then display another pop-up window as shown below:



settings

Router Status

Connection Status - Windows Internet Explorer

Account: http://192.168.0.1/setup.cgi?next_file=st_poe.htm

Connection Status

Connection Time	114:21:00
Connecting to Server	Connected
Negotiation	Success
Authentication	Success
Getting IP Addresses	62.69.60.16
Getting Network Mask	255.255.255.255

Buttons: Connect, Disconnect, Close Window

Background menu items: Setup Wizard, Setup (Basic Settings, ADSL Settings, Content Filtering, Logs, Block Sites, Security Service, Parental Control, Firewall Rules, Services, Schedule, E-mail), Maintenance (Router Status, Attached Devices, Backup Settings, Set Password, Diagnostics, Router Upgrade), Advanced (WAN Setup, Dynamic DNS, LAN IP Setup)

Click on the button called connect. Does this allow your router to show that it has connected successfully? If not please call Netgear, or our own support for further diagnostics.

Finish

Opening up a new browser window should now allow you to connect successfully to the Internet. If not further configuration changes may need to be made to the browser configuration.

A common cause of not being able to connect is your browser is still set to 'Work Offline'. In Internet Explorer click on 'File' and then there should be an option called 'Work Offline'. If ticked then your browser is set not to connect to the Internet. To remove this configuration click on the link. Open a new browser window and try again.

We hope you have found this guide useful.