

# Configuring D-Link Modem for SpinTel NBN

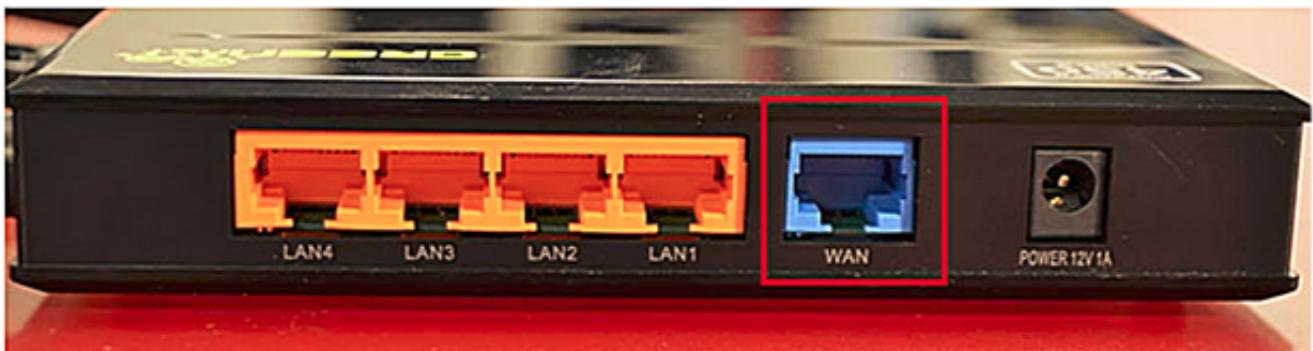
## How do you know if your D-Link modem is compatible with nbn?

There are 2 different types of ports you need to check whether your modem is compatible with the type of nbn service that you have on your premise.

**1. DSL port** - often grey in colour, uses RJ11 cable. This is the same as the old telephone cable you would use to plug your home phone into the wall socket.



**2. WAN port** - Also known as the internet port that uses RJ-45 Ethernet cable to connect your D-link modem to the nbn connection device.



Some modems have both of these ports, and some only have one. To identify which port is required for

your nbn type of service, check the table below.

<b>NBN type</b>	<b>Modem connection type</b>	<b>Authentication</b>
Fibre to the Premise	Router/WAN connection	IPoE/Dynamic/DHCP/Auto
Fixed Wireless	Router/WAN connection	IPoE/Dynamic/DHCP/Auto
Hybrid Fibre Coaxial	Router/WAN connection	IPoE/Dynamic/DHCP/Auto
Fibre to the Curb	Router/WAN connection	IPoE/Dynamic/DHCP/Auto
Fibre to the Node	VDSL Modem required	IPoE/Dynamic/DHCP/Auto
Fibre to the Basement	VDSL Modem required	IPoE/Dynamic/DHCP/Auto

## How Do You Set up Your D-Link Modem?

1. If there is **no NBN Connection Box** installed, connect the DSL port on the back of your D-Link modem to your phone wall socket using a phone cable.
2. If **there is an NBN Connection Box** installed, connect to the WAN/Internet port on the back of your modem to your NBN Connection Box.
3. Connect any of the LAN ports on the back of your modem to your PC (optional)
4. Plug the NBN connection box, if there's any, to the power socket
5. Connect the power port on the back of your modem to your power socket.
6. Ensure the modem is not locked to a specific provider. If it is, contact your provider to unlock it or use an unlocked modem.
7. Perform a factory reset on the modem if needed. Reconnect your devices using the default login credentials, which are typically found on the modem label.
8. Open a web browser and enter the modem's default IP address to configure the modem for IPoE set-up.

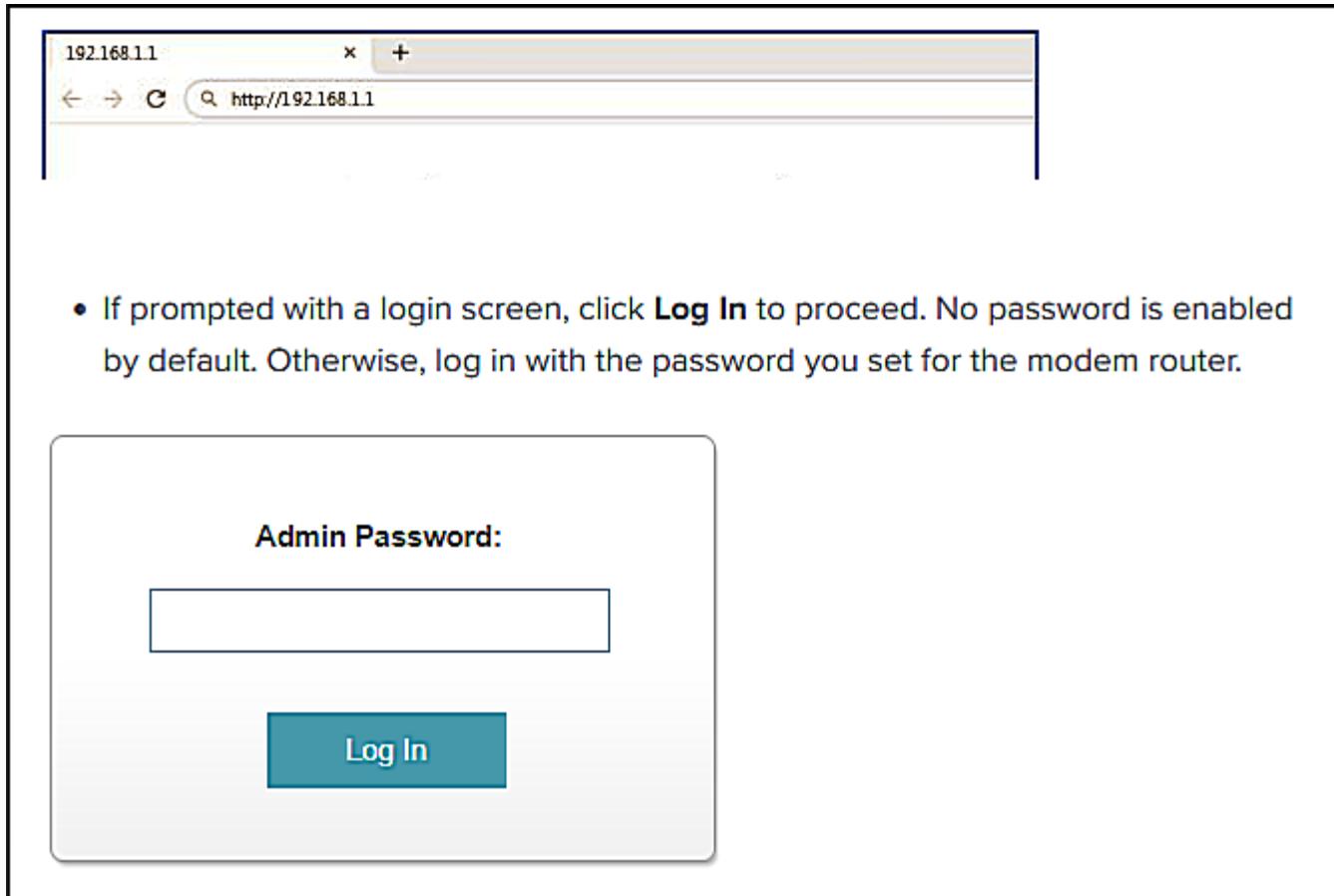
# How Do You Log Into Your D-Link Modem?

## Different D-Link GUIs

- New Interface

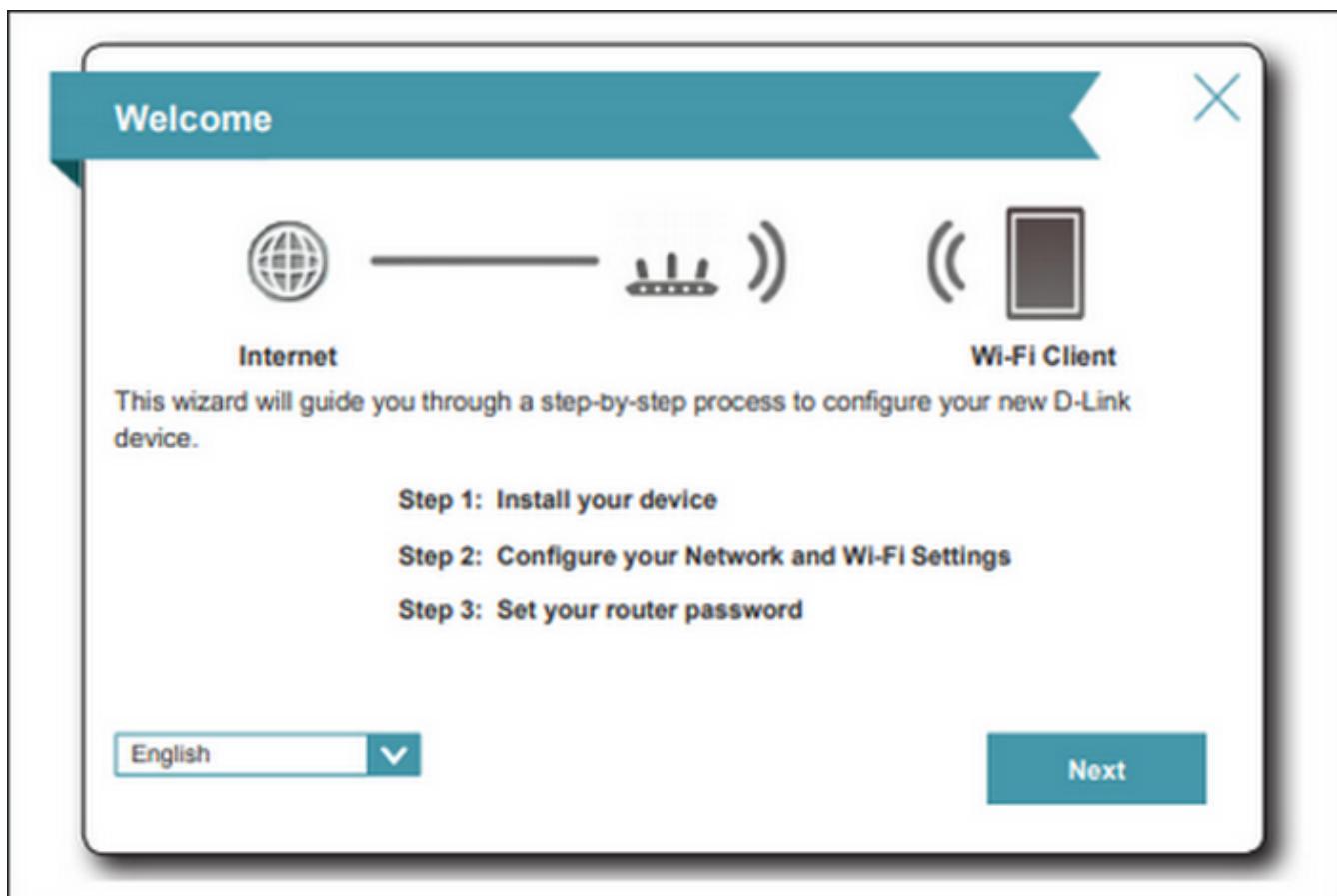
To access the modem interface, please make sure your device is connected to your D-Link modem through a wired or wireless connection.

Open a web browser and enter <http://192.168.1.1> in the address bar.



If the IP address does not work, please check the label attached to the back of the modem/router. Else, check your router's IP address. For instructions, click [here](#).

Once logged in, the Setup Wizard shows up, click **Next** to continue



If the router does not detect a valid Internet connection, a list of connection types to choose from will be displayed. Choose Dynamic IP Address.

## Configure Your Internet Connection



Internet



Wi-Fi Client

Please select your Internet connection type below

**Dynamic IP Address**

Choose this option to obtain an IP address automatically from your ISP.

**Static IP Address**

Choose this option to set static IP information provided to you by your ISP.

**PPPoE**

Choose this option if your ISP uses PPPoE. (For most DSL users)

**PPPoA**

Choose this option if your ISP uses PPPoA.

**Bridge Mode**

Choose this option if your ISP uses Bridge Mode.

Back

Next

Personalise your WiFi credentials and click on **Next**.

## Wi-Fi Settings



Internet



Wi-Fi Client

To setup a Wi-Fi Network you will need to give your Wi-Fi Network a Name (SSID) and Password.

2.4GHz SSID:

Wireless Password:

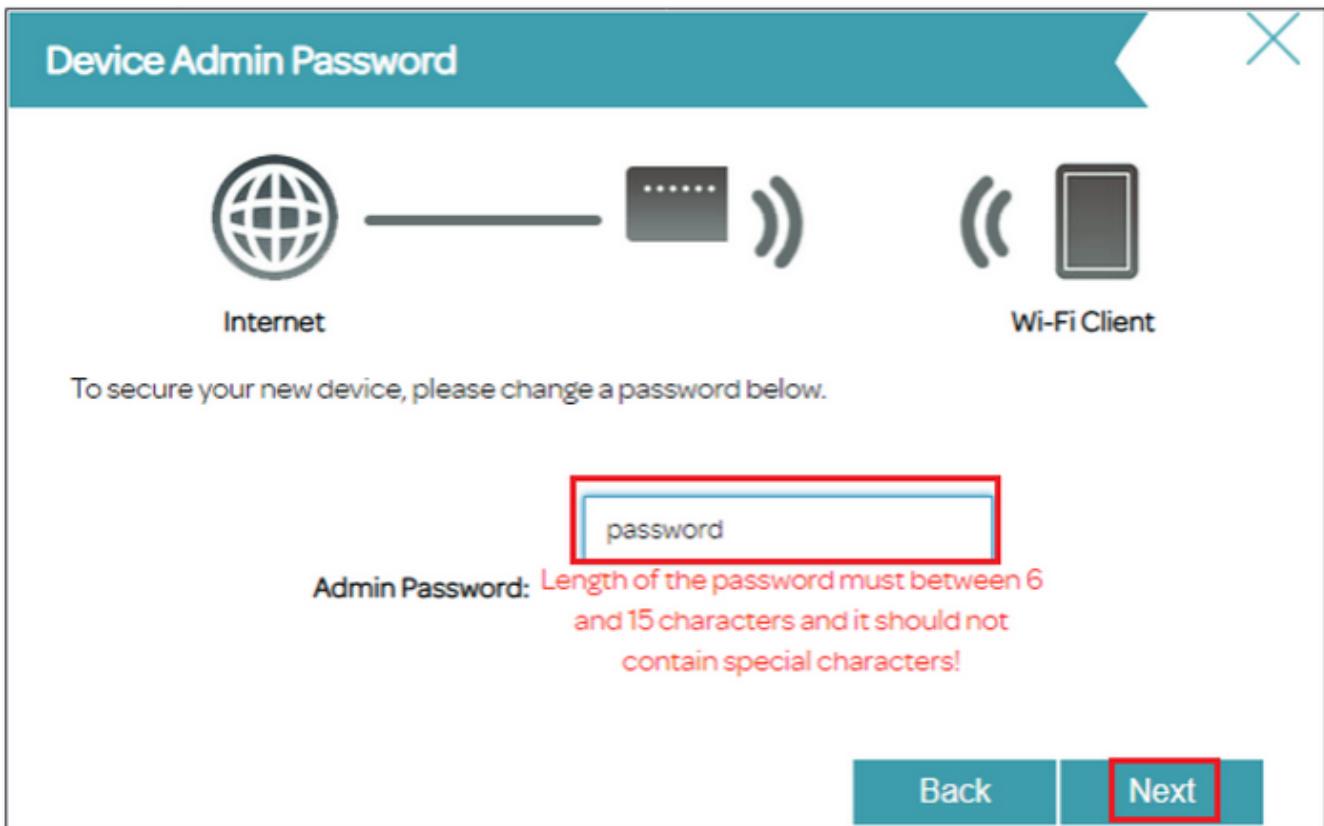
5GHz SSID:

Wireless Password:

Back

Next

In order to help protect your router from unauthorised users, please enter a new password. You will be prompted for this password every time you want to use the router's web configuration utility. Click **Next** to continue.



6. You will be presented with a summary of your settings. Click **Next** to finalize the settings. At the end of the wizard, you will be presented with a final summary of your settings.
7. Click **Finish** to close the wizard. The device will then reboot.

## Summary



Internet



Wi-Fi Client

Below is a summary of your Wi-Fi security and device password settings. Please make a note of your settings and click "Finish".

WAN Access Type:

Connection Type:

2.4GHz SSID:

Wireless Password:

5GHz SSID:

Wireless Password:

Admin Password:

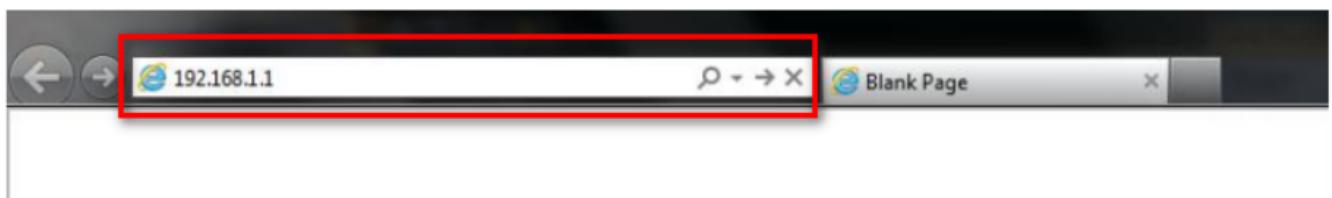
Back

Finish

Wait **3-5 minutes** for the modem to go online, then test the service.

If your modem has any existing profiles configured, make sure to delete them to avoid double authentication or connection issues. You can usually find these profiles in your modem's settings under sections like 'Internet Settings,' 'WAN Setup,' or 'PPP Connections'

- **Old Interface**



### LOGIN

Login in to the router

Username :

Password :

A screenshot of a 'LOGIN' page. The page has an orange header and a light gray body. It contains a text input field for 'Username' and a password input field for 'Password'. Below these fields is a 'Login' button. The entire input area is highlighted with a red box.

# D-Link

DSL-2877AL //

**SETUP** **ADVANCED** **MAINTENANCE** **STATUS** **HELP**

**Internet Setup** (highlighted with a red box)

**WAN Failover Priority Setup**

**LAN Setup**

**3G Setup**

**Time and Date**

**IPv6RD**

**mydlink™ Settings**

**Internet Offline**

**Reboot** **Logout**

### INTERNET SETUP

If you are configuring this device for the first time, we recommend that you click Setup Wizard button, and follow the instructions on screen.

### MODE SELECT

Current WAN failover priority from high to low is DSL, Ethernet WAN, 3G/4G. If you want to change WAN priority, you can click [SETUP->WAN Failover Setup](#)

**Internet Connection Type:**

### ETH SETTING

**Service Num:**  [Services Summary](#)

**Enable Virtual Circuit:**

**802.1q:**  Activated  Deactivated

**VLAN ID:**  (range: 0~4095)

**Helpful Hints..**

If you are the first time use this device, we recommend you to run the wizard. It will guide you step by step.

Here you can quickly setup your WAN connection. These details should have been provided by your ISP (Internet Service Provider). Often you will receive a bundle pack with the important account information.

Very often in the United Kingdom User will require to PPPoA connection type. Users in Germany should select PPPoE when applicable. Please be careful with the username and password. They are case sensitive. For most uses, if

A screenshot of the D-Link DSL-2877AL router's configuration interface. The main menu bar includes 'SETUP', 'ADVANCED', 'MAINTENANCE', 'STATUS', and 'HELP'. The 'SETUP' tab is highlighted with a red box. On the left, a sidebar lists various setup options: Wizard, Internet Setup (highlighted with a red box), Wireless Setup, LAN Setup, 3G Setup, WAN Failover Priority Setup, Time and Date, IPv6RD, and mydlink™ Settings. Below the sidebar is an 'Internet Offline' icon with 'Reboot' and 'Logout' buttons. The main content area has three sections: 'INTERNET SETUP', 'MODE SELECT', and 'ETH SETTING'. The 'INTERNET SETUP' section contains a note about using the Setup Wizard. The 'MODE SELECT' section shows the current WAN failover priority and a link to 'WAN Failover Setup'. The 'ETH SETTING' section includes fields for service number, enable virtual circuit, 802.1q status, and VLAN ID. To the right of the main content are two 'Helpful Hints' boxes with detailed instructions for WAN setup and PPPoA/PPPoE configuration.

## WAN SETTINGS

Configure your DSL connection here. Please consider the information of your provider on the settings otherwise it may not be possible to establish a connection.

**Dynamic IP Address** Choose this option to obtain an IP address automatically from your ISP. (For most Cable modem users)

**Static IP Address** Choose this option to set static IP information provided to you by your ISP.

**PPPoA/PPPoE** Choose this option if your ISP uses PPPoE. (For most DSL users)

**Bridge Mode** Choose this option if your ISP uses Bridge.

## WAN

**MTU:**  (0:default)

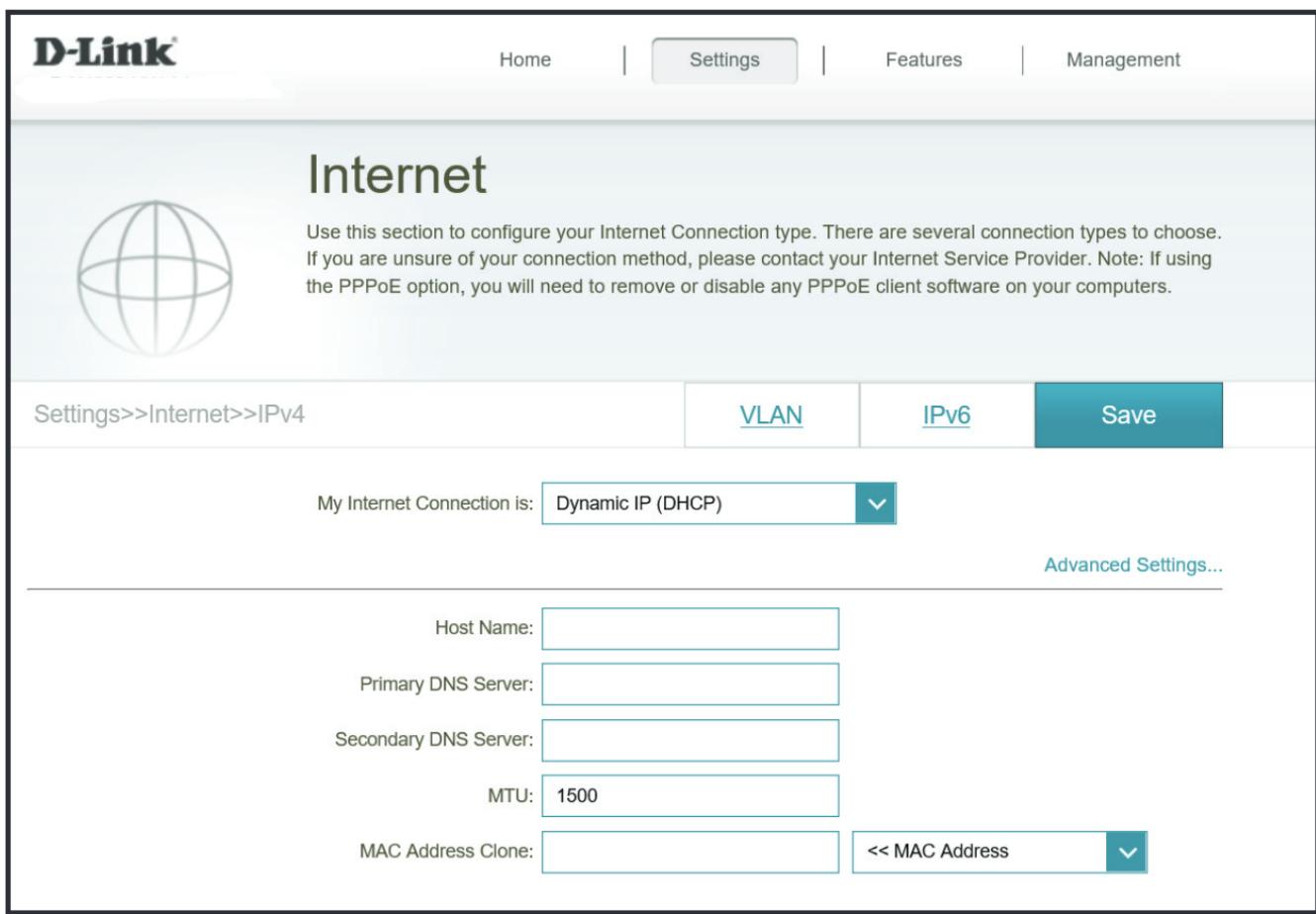
**Default Route:**

**NAT Enable:**

**Enable PPPoE Passthrough:**

**IGMP Proxy:**

**Advanced Settings (if prompted):**



The image shows the D-Link Internet settings interface. At the top, there is a navigation bar with links for Home, Settings (which is the active tab), Features, and Management. Below the navigation bar, the title "Internet" is displayed, accompanied by a globe icon. A note below the title provides instructions for configuring the Internet connection type, mentioning several options and a note about PPPoE. The main content area shows the current path "Settings>>Internet>>IPv4" and a set of buttons for "VLAN", "IPv6", and "Save". A dropdown menu for "My Internet Connection is:" is set to "Dynamic IP (DHCP)". Below this, there are input fields for "Host Name", "Primary DNS Server", "Secondary DNS Server", "MTU" (set to 1500), and "MAC Address Clone". A "Advanced Settings..." link is also present.

- Host Name - Leave it blank
- Primary DNS Server - Leave it blank
- Secondary DNS Server - Leave it blank
- MTU Maximum Transmission Unit - Accept default value
- MAC Address Clone - The default MAC address is set to the Internet port's physical interface MAC address on the router. Leave it blank if the system permits. If it doesn't, copy the MAC address from the sticker on the router.

## Setting up your Home Phone

If your order includes a Home Phone service, you'll need to complete the setup. This quick and easy [guide](#) will walk you through the process of setting up your home phone using a BYO modem.

Online URL:

<https://articles.spintel.net.au/article/configuring-d-link-modem-for-spintel-nbn.html>