

Configuring D-Link Modem for SpinTel NBN

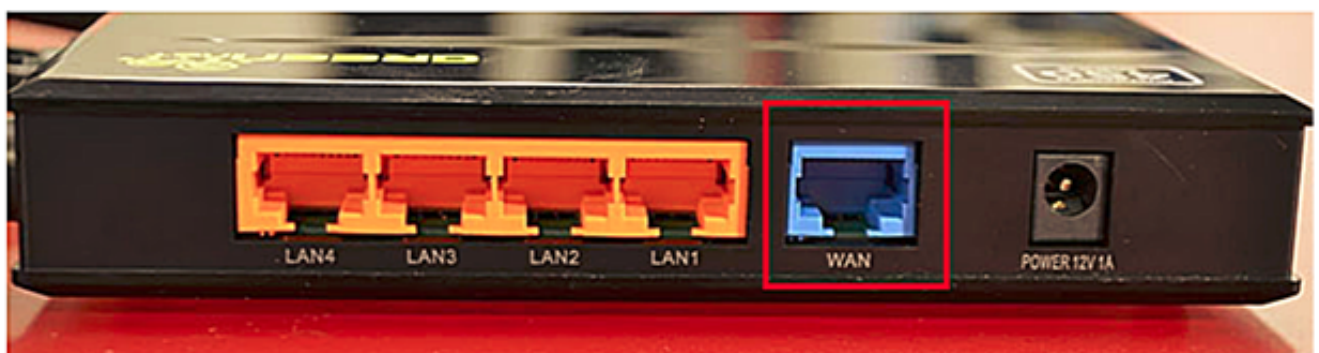
How do you know if your D-Link modem is compatible with nbn?

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.

NBN type	Modem connection type	Authentication
Fibre to the Premise	Router/WAN connection	IPOE/Dynamic/DHCP/Autonomous
Fixed Wireless	Router/WAN connection	IPOE/Dynamic/DHCP/Autonomous
Hybrid Fibre Coaxial	Router/WAN connection	IPOE/Dynamic/DHCP/Autonomous
Fibre to the Curb	Router/WAN connection	IPOE/Dynamic/DHCP/Autonomous
Fibre to the Node	VDSL Modem required	IPOE/Dynamic/DHCP/Autonomous
Fibre to the Basement	VDSL Modem required	IPOE/Dynamic/DHCP/Autonomous

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.

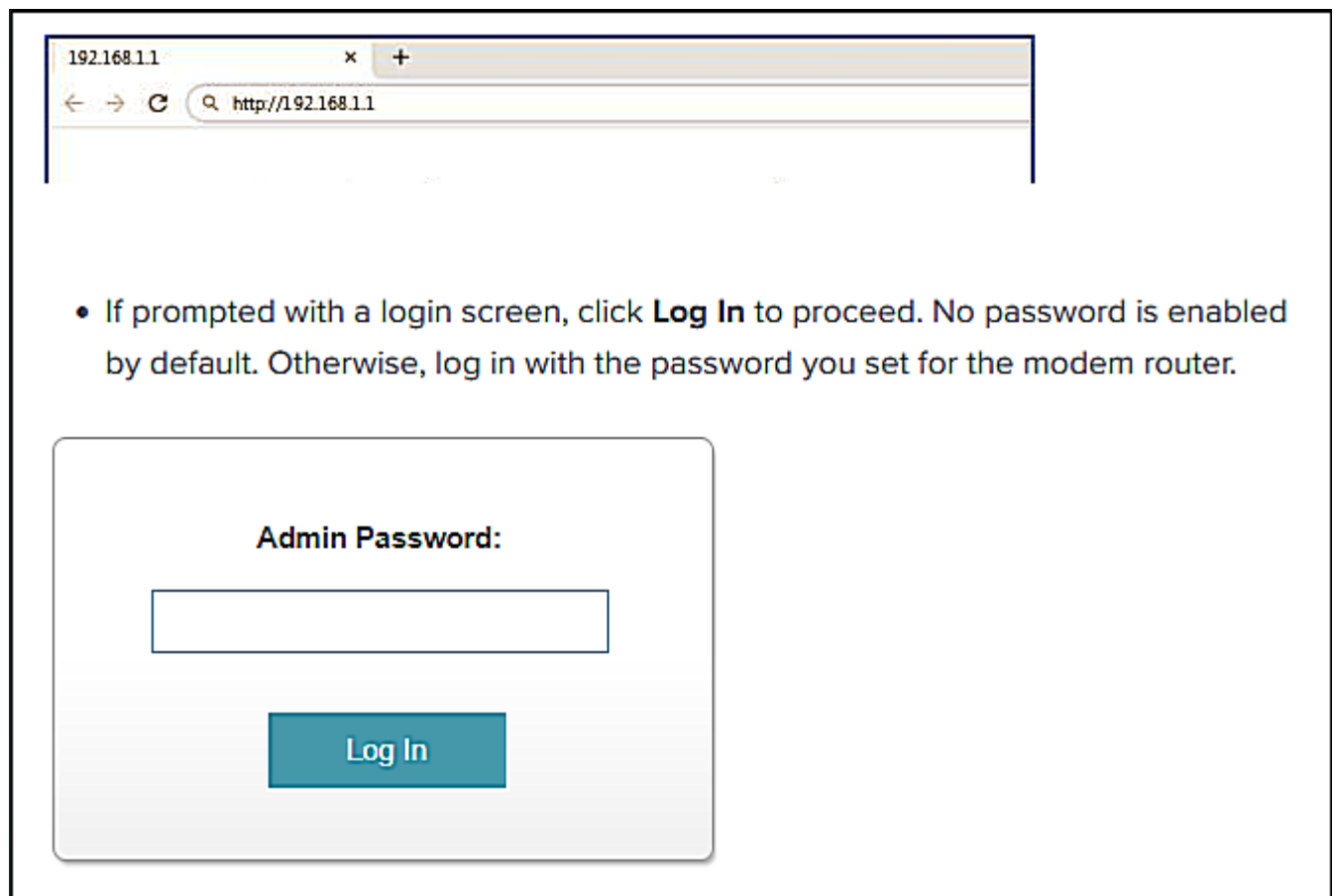
How Do You Log Into Your D-Link Modem?

Different D-Link GUIs

- **New Interface**

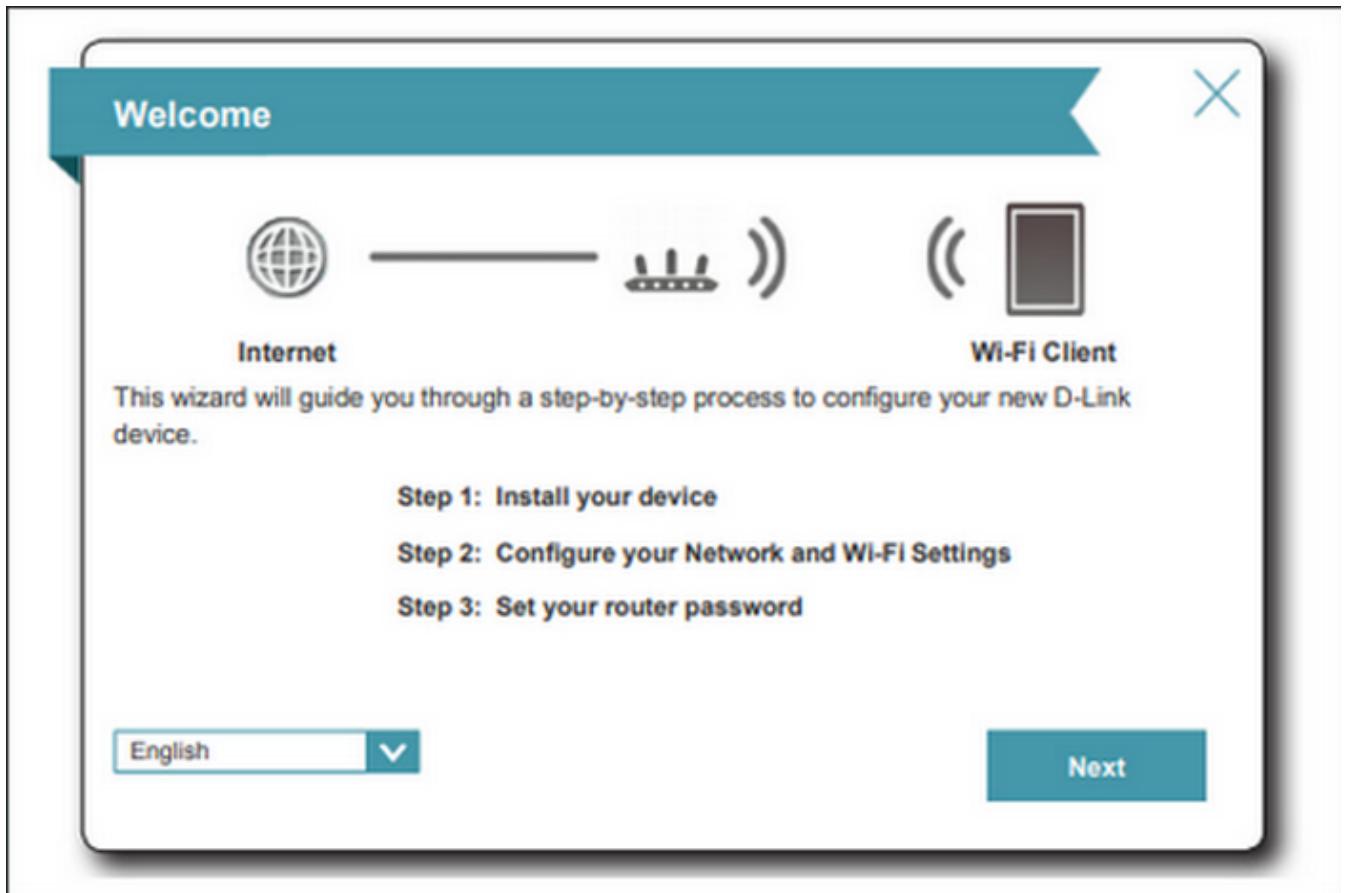
To access the modem interface, please make sure your device is connected to your D-Link modem through a wired or wireless connection.

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.



The image shows a 'Device Admin Password' window with a teal header and a close button in the top right. Below the header, there is a diagram showing 'Internet' (globe icon) connected to a device (represented by a box with dots) which is then connected to a 'Wi-Fi Client' (smartphone icon). Below this diagram, the text reads: 'To secure your new device, please change a password below.' In the center, there is a text input field containing the word 'password', which is highlighted with a red rectangular border. Below the input field, the text 'Admin Password:' is followed by a red instruction: 'Length of the password must between 6 and 15 characters and it should not contain special characters!'. At the bottom right, there are two teal buttons: 'Back' and 'Next'. The 'Next' button is highlighted with a red rectangular border.

Device Admin Password

Internet

Wi-Fi Client

To secure your new device, please change a password below.

password


Admin Password: Length of the password must between 6 and 15 characters and it should not contain special characters!

Back Next


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 :

D-Link

DSL-2877AL //

SETUP

ADVANCED

MAINTENANCE

STATUS

HELP

Wizard

Internet Setup

Wireless Setup

LAN Setup

3G Setup

WAN Failover Priority 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:

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

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):

D-Link Home | Settings | Features | Management

Internet

Use this section to configure your Internet Connection type. There are several connection types to choose. If you are unsure of your connection method, please contact your Internet Service Provider. Note: If using the PPPoE option, you will need to remove or disable any PPPoE client software on your computers.

Settings > Internet > IPv4

[VLAN](#) [IPv6](#) [Save](#)

My Internet Connection is: Dynamic IP (DHCP) ▼

[Advanced Settings...](#)

Host Name:

Primary DNS Server:

Secondary DNS Server:

MTU:

MAC Address Clone: << MAC Address ▼

- 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>