



## D-Link Wireless Owner's Manual

[Home](#) » [D-Link](#) » D-Link Wireless Owner's Manual 

### D-Link Wireless Owner's Manual



**DSL-G225**

#### Contents

- [1 Introduction](#)
- [2 Setup using the Setup Wizard](#)
- [3 Manual Setup](#)
- [4 Specifications](#)
- [5 Support](#)
- [6 Documents / Resources](#)
- [7 Related Posts](#)

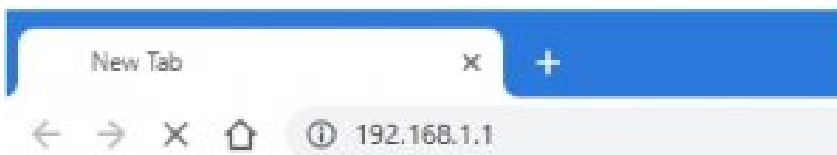
## Introduction

This guide is for DSL-G225 with firmware ver. 1.04.

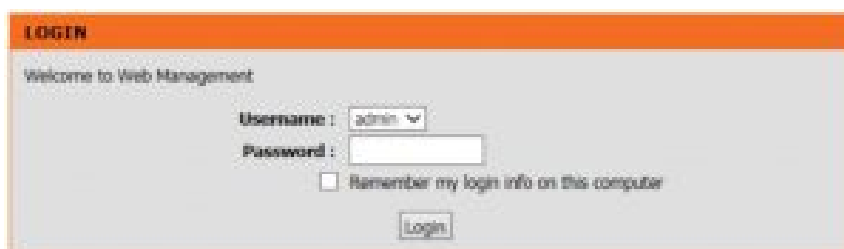
Before proceeding with this setup please set your computer temporarily with a static **IP address from 192.168.1.x range (e.g. 192.168.1.99)**:



Open your Internet browser e.g. Internet Explorer, Firefox, Chrome, Safari, etc. and enter the IP address of your DLink modem in the address bar: <http://192.168.1.1>.



When prompted, type in the Password. If you have not changed the password for the modem administration, the factory password is **“admin”**.



There are two ways to setup your modem in Bridge Mode: using the Setup Wizard and using **Manual Configuration**.

## Setup using the Setup Wizard

**Step 1.** After logging into the modem's configuration pages, go to **SETUP > Local Network**. **Un-check the “Enable DHCP Server” option.**  
**Click on Save/Apply.**

DSL-G225	SETUP	ADVANCED	MAINTENANCE	STATUS
Wizard	<b>LOCAL NETWORK</b>			
Internet Setup	This section allows you to configure the local network settings of your router. Please note that this section is optional and you should not need to change any of the settings here to get your network up and running.			
Wireless Connection	<b>ROUTER SETTINGS</b>			
3G	Use this section to configure the local network settings of your router. The Router IP Address that is configured here is the IP Address that you use to access the Web-based management interface. If you change the IP Address here, you may need to adjust your PC's network settings to access the network again.			
Failover	Configure the DSL Router IP Address and Subnet Mask for LAN interface. GroupName: <input type="text" value="Default"/>			
<b>Local Network</b>	Router IP Address: <input type="text" value="192.168.1.1"/> Subnet Mask: <input type="text" value="255.255.255.0"/>			
IPv6 Local Network	<input type="checkbox"/> Configure the second IP Address and Subnet Mask for LAN interface			
Time and Date	IP Address: <input type="text"/> Subnet Mask: <input type="text"/>			
Logout	<b>DHCP SERVER SETTINGS (OPTIONAL)</b>			
	Use this section to configure the built-in DHCP Server to assign IP addresses to the computers on your network.			
	<input type="checkbox"/> <b>Enable DHCP Server</b>			
	DHCP IP Address Range: <input type="text"/> to <input type="text"/>			
	DHCP Lease Time: <input type="text"/> (hour)			

**Step 2.** Go to **SETUP > Wizard** > click on the “Setup Wizard” button.

DSL-G225	SETUP	ADVANCED	MAINTENANCE	STATUS
Wizard	<b>SETTING UP YOUR INTERNET</b>			
Internet Setup	There are two ways to set up your Internet connection. You can use the Web-based Internet Connection Setup Wizard or you can manually configure the connection.			
Wireless Connection	Please make sure you have your ISP's connection settings first if you choose manual setup.			
3G	<b>INTERNET CONNECTION WIZARD</b>			
Failover	You can use this wizard for assistance and quick connection of your new D-Link Router to the Internet. You will be presented with step-by-step instructions in order to get your Internet connection up and running. Click the button below to begin.			
Local Network	<input type="button" value="Setup Wizard"/>			
IPv6 Local Network	<b>Note:</b> Before launching the wizard, please ensure you have correctly followed the steps outlined in the Quick Installation Guide included with the router.			
Time and Date				
Logout				

Follow the steps in the Setup Wizard.

**STEP 1: CHANGE DEVICE LOGIN PASSWORD** → 2 → 3 → 4 → 5

To help secure your network, D-Link recommends that you should choose a new password. If you do not wish to choose a new password now, just click "Skip" to continue. Click "Next" to proceed to next step.

Current Password :

New Password :

Confirm Password :

**1 → STEP 2: SET TIME AND DATE** → 2 → 4 → 5

The Time Configuration option allows you to configure, update, and maintain the correct time on the internal system clock. From this section you can set the time zone that you are in and set the NTP (Network Time Protocol) Server. Daylight Saving can also be configured to automatically adjust the time when needed.

**TIME SETTINGS**

☒ Automatically synchronize with Internet time servers

First NTP time server :

Second NTP time server :

**TIME CONFIGURATION**

Current Router Time : Thu Jan 1 00:01:09 1970

Time Zone :

Daylight Saving Time rule of Australia have automatically been applied to this time zone

☐ Enable manual Daylight Saving, overwrite automatic rule

Month Week Day Time

Daylight Saving Dates : Start

End

Choose ADSL or VDSL, depending on the type of technology used for your Internet connection.  
**Set Protocol to "Bridge".**

**1 → 2 → STEP 3: SETUP INTERNET CONNECTION** → 4 → 5

Please select your Country and ISP (Internet Service Provider) from the list below. If your Country or ISP is not in the list, please select "Others".

If you have an ADSL connection, please select DSL.

If you have a Cable, or NBN Fibre connection, please select ETH WAN.

WAN Service type: ☐ ETH WAN ☐ ADSL ☒ VDSL

Country :

Internet Service Provider :

**Protocol :**

Enable Multiple Wan Over One Connection: ☐

802.1Q VLAN ID [0-4094]:

It is recommended to disable the modem's Wi-Fi:

1 → 2 → 3 → **STEP 4: CONFIGURE WIRELESS NETWORK** → 5

Your wireless network is enabled by default. You can simply uncheck it to disable it and click "Next" to skip configuration of wireless network.

☐ **Enable Your Wireless Network**

Your wireless network needs a name so it can be easily recognized by wireless clients. For security purposes, it is highly recommended to change the pre-configured network name.

Wireless Network Name (SSID) :  (1-32 characters)

Select "Visible" to publish your wireless network and SSID can be found by wireless clients, or select "Invisible" to hide your wireless network so that users need to manually enter SSID in order to connect to your wireless network.

Visibility Status : ☒ Visible ☐ Invisible

In order to protect your network from hackers and unauthorized users, it is highly recommended you choose one of the following wireless network security settings.

**None** **Security Level** **Best**

☒ None ☐ WEP ☐ WPA-PSK ☐ WPA2-PSK

Security Protocol: None  
Select this option if you do not want to activate any security features.

Click on **“Save/Apply”** to finish the Setup Wizard. The setup is complete.

1 → 2 → 3 → 4 **STEP 5: SAVE AND COMPLETED**

Setup complete. Click "Back" to review or modify settings. Click "Save/Apply" to apply current settings.

If your Internet connection does not work after save, you can try the Setup Wizard again with alternative settings or use Manual Setup instead if you have your Internet connection details as provided by your ISP.

**SETUP SUMMARY**

Below is a detailed summary of your settings. Please print this page out, or write the information on a piece of paper, so you can configure the correct settings on your wireless client adapters.

Time Settings :	Enabled
NTP Server 1 :	ntp1.dlink.com
NTP Server 2 :	ntp.dlink.com.tw
Protocol :	Bridge
Wireless Network :	Disabled

## Manual Setup

**Step 1.** After logging into the modem's configuration pages, go to SETUP > Local Network. Un-check the “Enable DHCP Server” option.

**Click on Save/Apply.**

**DSL-G225** // **SETUP** | ADVANCED | MAINTENANCE | STATUS

**LOCAL NETWORK**

This section allows you to configure the local network settings of your router. Please note that this section is optional and you should not need to change any of the settings here to get your network up and running.

**ROUTER SETTINGS**

Use this section to configure the local network settings of your router. The Router IP Address that is configured here is the IP Address that you use to access the Web-based management interface. If you change the IP Address here, you may need to adjust your PC's network settings to access the network again.

Configure the DSL Router IP Address and Subnet Mask for LAN interface. GroupName: Default

Router IP Address:

Subnet Mask:

☐ Configure the second IP Address and Subnet Mask for LAN interface

IP Address:

Subnet Mask:

**DHCP SERVER SETTINGS (OPTIONAL)**

Use this section to configure the built-in DHCP Server to assign IP addresses to the computers on your network.

☒ **Enable DHCP Server**

DHCP IP Address Range:  -

DHCP Lease Time:  (hour)

## Step 2. Go to **SETUP > Internet Setup**.

If there are any existing profiles listed in the WAN Setup table, delete them.

Choose ADSL or VDSL, depending on the type of technology used for your Internet connection.

Click on **"Add"**.

**DSL-G225** // **SETUP** | ADVANCED | MAINTENANCE | STATUS | HELP

**INTERNET SETUP**

ATM Interface Setup  
Choose "Add", "Edit", or "Delete" to configure WAN interfaces. A maximum of 8 entries can be configured.

If you want to change WAN service type, Please select ETH, ADSL or VDSL.

WAN Service type: ☐ ETH WAN ☐ ADSL ☒ VDSL

**WAN SETUP**

VPI/VCI	WAN Profile	Service Name	Protocol	ICMP	NAT	Status	Action
---------	-------------	--------------	----------	------	-----	--------	--------

Set Protocol to **"Bridging"** and click on Next.

DSL-G225

Wizard

Internet Setup

Wireless Connection

3G

Fallback

Local Network

IPv6 Local Network

Time and Date

Logout

SETUP

ADVANCED

MAINTENANCE

STATUS

INTERNET SETUP

Wide Area Network (WAN) Service Setup

FTM CONFIGURATION

Select DSX, Latency

☒ Path0 (Fast)
 ☐ Path1 (Interleaved)

IP QoS SCHEDULE ALGORITHM

☒ Weighted Round Robin
 ☐ Weighted Fair Queuing

Default Queue Weight:  [1-83]

Default Queue Precedence:  [1-8]

VC WRR Weight:  [1-83]

VC Precedence:  [1-8]

CONNECTION TYPE

Protocol: Bridge

Enable Multiple Vlan Over One Connection: ☐

DSL IP Priority (0-7):

DSL IQ VLAN ID (0-4094):

BRIDGE SETTINGS

Service Name:

Next

Cancel

Click on **“Apply”** to finish the setup. The modem setup is complete.

DSL-G225

Wizard

Internet Setup

Wireless Connection

3G

Fallback

Local Network

IPv6 Local Network

Time and Date

Logout

SETUP

ADVANCED

MAINTENANCE

STATUS

WAN

Make sure that the settings below match the settings provided by your ISP.

Click “Apply” to save these settings. Click “Back” to make any modifications.

NOTE: You need to reboot to activate this WAN interface and further configure services over this interface.

SETUP - SUMMARY

Connection Type:

Service Name:

Service Category:

IP Address:

Service State:

Bridge

br\_0\_1\_1\_1

USB

Not Applicable

Enabled

Back

Apply

Please note that in Bridge Mode the DSL-G225 modem acts as a transparent device. If your Internet provider requires PPPoE authentication or VLAN tagging, you need to enable these options on the device connected to the LAN port of the DSL-G225 modem.

## Specifications

### After successful VDSL sync

Mode:	VDSL2			
Traffic Type:	PTM			
Status:	Up			
Link Power State:	L0			
	Downstream		Upstream	
Line Coding(Trlls):	On	On		
SNR Margin (3.1 dB):	64	77		
Attenuation (3.1 dB):	96	0		
Output Power (3.1 dBm):	122	64		
Attainable Rate (Kbps):	103627	46751		
	Path 0		Path 1	
	Downstream	Upstream	Downstream	Upstream
Rate (Kbps):	99923	44109	0	0
B (# of bytes in Max Data Frame):	243	244	0	0
M (# of Max Data Frames in an RS codeword):	1	1	2	2
T (# of Max Data Frames in an OH sub-frame):	0	0	2	2
R (# of redundancy bytes in the RS codeword):	18	18	18	18
S (# of data symbols over which the RS code word spans):	6.0778	6.1758	4.3734	16.0600
L (# of bits transmitted in each data symbol):	26113	13605	56	18
D (interleaver depth):	8	4	3	1
I (interleaver block size in bytes):	254	255	32	32
N (RS codeword size):	254	255	32	32
Delay (msec):	0	0	2	0
2NP (DMT symbols):	43.00	43.00	3.00	4.00
OH Frames:	0	0	12202	13962
OH Frame Errors:	0	0	0	0
RS Words:	10706720	480708	382164	52251
RS Correctable Errors:	591	23	0	0
RS Uncorrectable Errors:	0	0	0	0
HEC Errors:	0	0	0	0
ODD Errors:	0	0	0	0
LCD Errors:	0	0	0	0
Total Cells:	40353537	0	0	0
Data Cells:	213	0	0	0

The computer behind the **DSL-G225** in Bridge Mode obtains public IP address from the ISP:

```

C:\Users\Tech\config /new
Windows XP Configuration
No operation can be performed on xl-01 while it has its media disconnected.
No operation can be performed on Local Area Connection* 2 while it has its media disconnected.
Wireless LAN adapter Wi-Fi:
Media State . . . . . Media disconnected
Connection-specific DNS Suffix . .
Wireless LAN adapter Local Area Connection* 2:
Media State . . . . . Media disconnected
Connection-specific DNS Suffix . .
Internet adapter Ethernet:
Connection-specific DNS Suffix . . ms.bigpond.net.au
Link-Local IPv6 Address . . . . . FE80::C15:6666:6666:6666
IPv4 Address . . . . . 58.100.97.38
Subnet Mask . . . . . 255.255.248.0
Default Gateway . . . . . 58.100.101.254
Tunnel adapter Local Area Connection* 15:
Media State . . . . . Media disconnected
Connection-specific DNS Suffix . .
Tunnel adapter isatap.ms.bigpond.net.au:
Media State . . . . . Media disconnected
Connection-specific DNS Suffix . . ms.bigpond.net.au
C:\Users\Tech>

```






Support

D-Link Technical Support – How to setup DSL-G225 in Bridge Mode Page

Documents / Resources

 <p>How to setup the DSL-G225 in Bridge Mode</p>	<p><a href="#">D-Link Wireless</a> [pdf] Owner's Manual Wireless, DSL-G225</p>
---	--