

Quick Installation Guide

This product can be set up using any current web browser, i.e., Internet Explorer 6 or Netscape Navigator 6.2.3.



DVG-2101S

VoIP Telephone Adapter

Before You Begin

1. If you purchased this VoIP Telephone Adapter to share your high-speed Internet connection with other computers, you must have an established Internet account from an Internet Service Provider (ISP).
2. It's best to use the same computer that is connected to your router for configuring the DVG-2101S VoIP Telephone Adapter. The DVG-2101S acts as a DHCP Client and will be assigned all the necessary IP address information from your network. See the Quick Installation Guide or the Manual on the CD-ROM for setting each network adapter to automatically obtain an IP address.

Check Your Package Contents



D-Link DVG-2101S VoIP Telephone Adapter



CD-ROM (containing Manual and Q.I.G.)



Ethernet Cable



Phone Cable



12V, 1.5A Power Adapter



Quick Installation Guide



Using a power supply with a different voltage rating will damage and void the warranty for this product.

If any of the above items are missing, please contact your reseller.

1

Hardware Overview Front Panel

Register LED

This LED will light solid if the phone account registers successfully. This LED will flash during registering and light off if registering fails.

Phone LED

This LED will light solid when the telephone is off-hook. A fast blinking LED indicates an incoming call and a slow blinking LED indicates a message is waiting. This LED will light off if the phone connected to the phone port is on-hook.

Power LED

This LED will light solid when the device finishes a self-test and booting up. This LED will flash during device self-test and booting and light off if



Provision LED

This LED will light solid if the device provisions successfully. This LED will flash during provisioning and light off if provisioning fails.

WAN LED

This LED will light solid when a connection is established and blink to indicate activity. If this LED does not light up when a cable is connected, verify the cable connections and make sure your devices are powered on.

Rear Panel

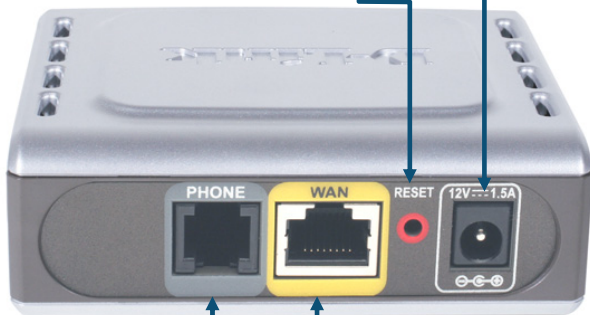
Reset Button

Use a paper clip to:

1. Press 1-2 seconds to enable IVR.
2. Press 4-6 seconds to reset this unit.
3. Press 8-10 seconds to restore this unit's factory default settings.

Power Receptor

Connects to the provided power adapter.



Phone Port

Connects to your phone using a standard phone cable (RJ-11).

WAN Port

Connects to your broadband modem using an Ethernet cable.

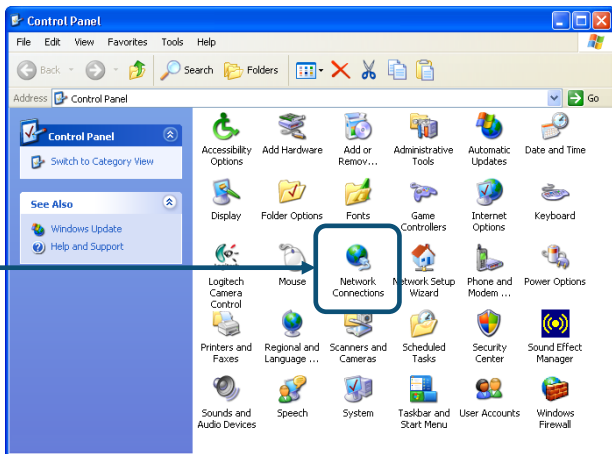
2

Configure IP Settings

To connect to the network, make sure the network adapter in your computer is configured properly. Here's how to assign a static IP address to your PC.

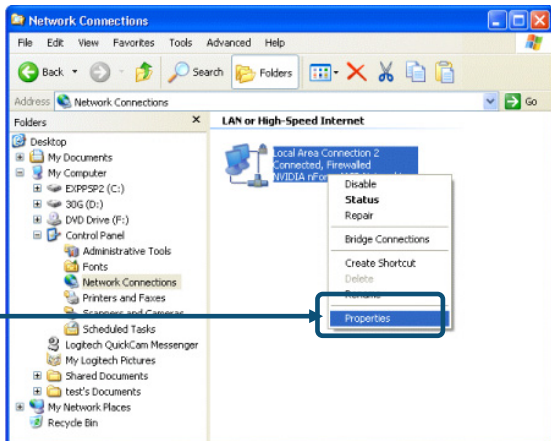
Go to **Start** > click **Control Panel** > click on the **Network Connections** icon.

Click on the **Network Connections** icon.



Right-click the Local Area Connection icon, and then select **Properties**.

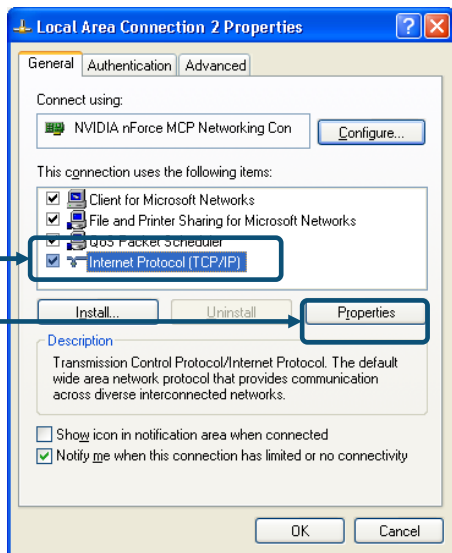
Select **Properties**.



The dialog box displays a list of currently installed network items.

Click **Internet Protocol (TCP/IP)**.

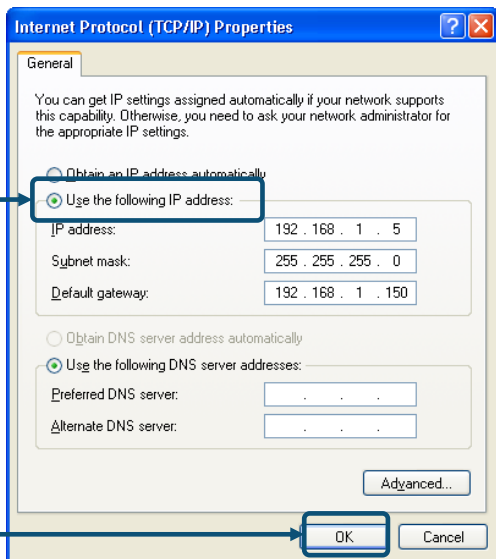
Select **Properties**.



Make the choice to get the IP address assigned manually.

Select **Use the following IP address** to get the IP settings assigned manually.

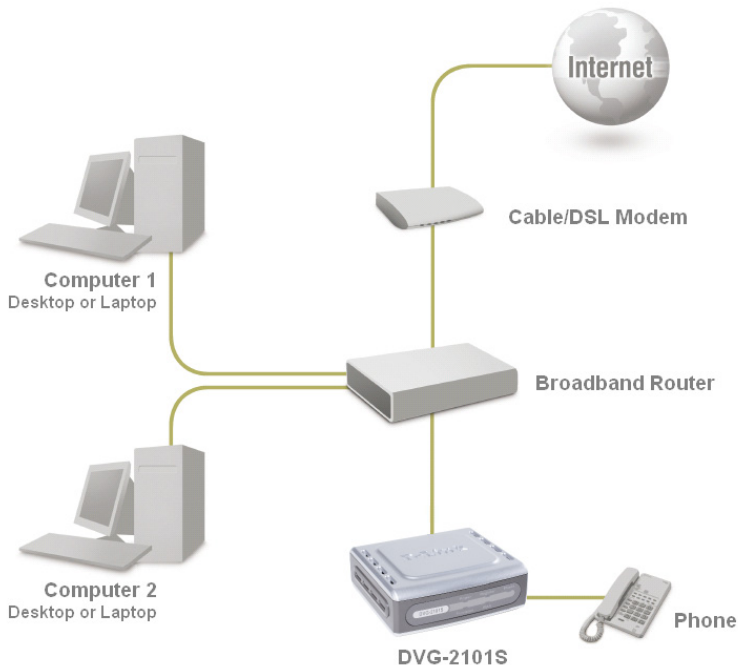
Click **OK**.



3

Initial Web Configuration

If your computer connects directly to a DSL or Cable modem and does not connect to a router, follow the steps below to install your DVG-2101S. For any other configuration, please refer to the user manual located on the CD-ROM. After the steps are completed, your setup should look similar to the diagram below.



1. Turn off your Computer.
2. Attach one end of the provided Ethernet cable (blue) to the **WAN** port on the rear of the DVG-2101S.
3. Attach the other end of this Ethernet cable to the PC for initial configuration described on the next chapter in this Quick Installation Guide.



4. Attach one end of the provided phone cable (gray) to a standard analog telephone.
5. Attach the other end of the phone cable to the phone port labeled **PHONE** on the rear panel of the DVG-2101S.



6. Unpack the 12V DC Power Adapter that came with the DVG-2101S. Connect the power adapter to the power connector on the DVG-2101S.
7. Connect the other end of the power adapter to an available electrical outlet (wall socket or surge protector).



Note: Make sure all the cables are connected tightly and properly.

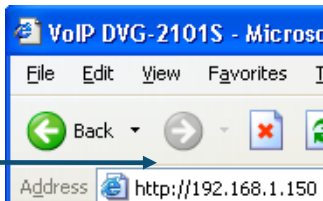
8. Restart your PC. The corresponding LEDs would light on to indicate that the DVG-2101S is ready for initial web configuration.
9. After finishing your initial configuration as described on the next chapter, you need to unplug the Ethernet cable from the PC. And attach this end to the LAN port of your router or Cable/DSL Modem.

The hardware configuration is now complete.

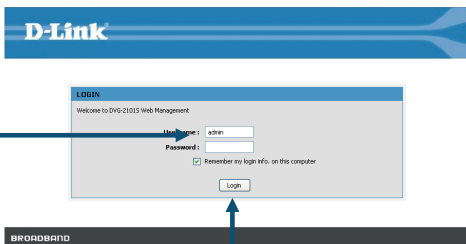
3

Initial Web Configuration

Open a Web browser and type `http://192.168.1.150` into the URL address box. Press the **Enter** or **Return** key.



When you first log in, enter the User name **admin** and leave the Password blank. These may be changed later.



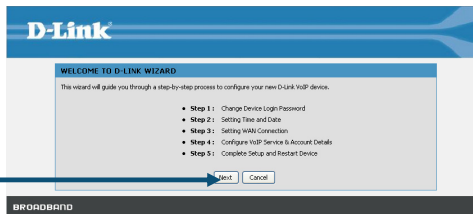
Click **Login** button.

Setup Wizard will guide you through the quick setup steps.



Click **Setup Wizard**.

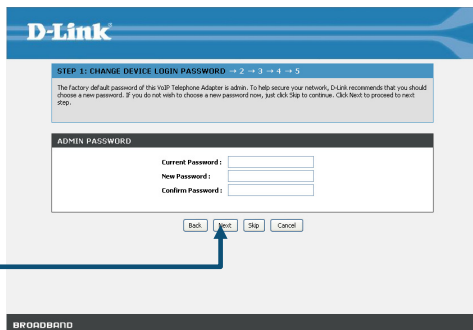
Click **Next**.



Step 1

You can change the login password during this step or just leave them the same as the default values.

Click **Next**.



Step 2

Select your time zone from the drop-down list. Then select a NTP time server or configure your preferred time server.

Click **Next**.



Step 3-1

If you selected Static IP, enter the IP address, subnet mask and gateway supplied by your ISP.

Click **Next**.

The screenshot shows the 'STEP 3: SETUP WAN CONNECTION' screen with 'Protocol' set to 'Static IP'. The 'STATIC IP' section contains the following fields:

IP Address:	192	168	1	150
Subnet Mask:	255	255	255	0
Gateway:	192	168	1	1 (Optional)

Buttons: Back, Next, Cancel

Step 3-1-1

Static IP users have to set the DNS address.

Click **Next**.

The screenshot shows the 'DNS SERVER CONFIGURATION' screen. It has two radio button options:

- Obtain DNS server address automatically
- Use the following DNS server addresses

Below the second option are fields for 'Preferred DNS Server' and 'Secondary DNS Server', each with four input boxes for IP address digits. Buttons: Back, Next, Cancel

Step 3-1

If you selected Dynamic IP, you may enter the host name in the field.

Click **Next**.

The screenshot shows the 'STEP 3: SETUP WAN CONNECTION' screen with 'Protocol' set to 'Dynamic IP'. The 'DYNAMIC IP' section contains a 'Host Name' text input field. Buttons: Back, Next, Cancel

Step 3-1

If you selected PPPoE, enter your username and password supplied by your ISP.

Click **Next**.

The WAN connection type setting allows you to configure the device to establish your broadband Internet connection. Your Internet Service Provider (ISP) should provide the necessary information to you when you order the Internet access service.

Protocol: PPPoE

PPPoE

PPPoE User Name:

PPPoE Password:

Check Password:

PPPoE Service Name: (Optional)

Idle Time (Sec): (min)

Auto-Reconnect

MTU: (94-1480)

Back Next Cancel

Step 4

Enable and configure your SIP account (phone port) with the settings provided by your ISP/ITSP.

Click **Next**.

This step will allow you to enter all of the VoIP Provider details to get you connected to their service and allow you to start making calls.

SIP ACCOUNT LIST

Phone Port:

Enable

Display Name:

User Name:

Authorization Name:

Password:

Proxy Server: 5060

Backup Proxy Server: 5060

Outbound Proxy Server: 5060

Expire Time: sec

MWI

Back Next Cancel

Step 5

Setup is finished. Click **Restart** to reboot the DVG-2101S. Once the adapter is finished rebooting, turn on your modem and allow up to 2 minutes to connect to your ISP.

Click **Restart**.

Setup complete. Click Back to review or modify settings. Click Restart to apply current settings and reboot the VoIP device.

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 in your VoIP Telephone adapters.

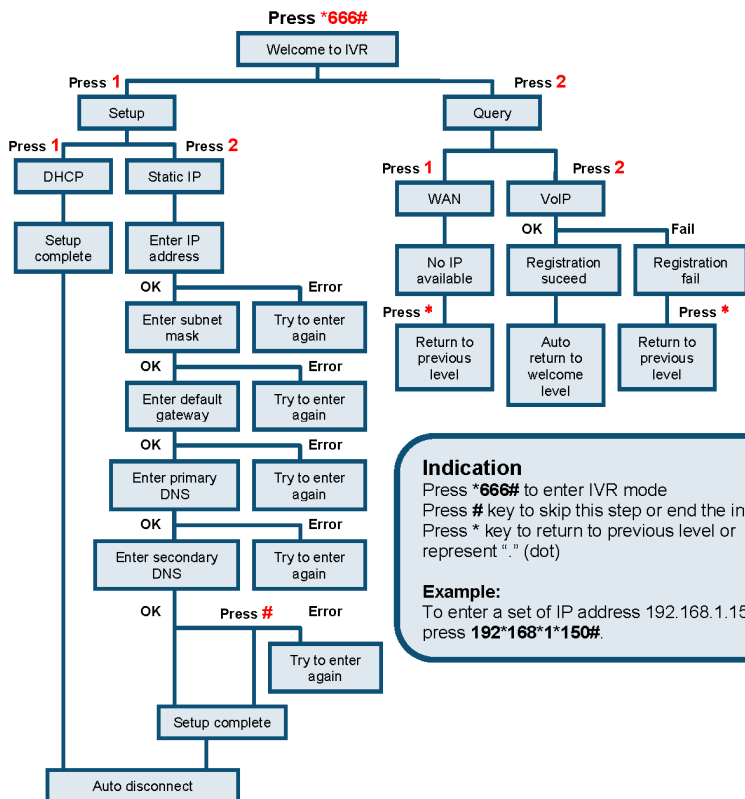
WAN Connection Type	DHCP
Host Name	
Phone Port 1	
Display Name	0701
User Name	0701
Authorization Name	0701
Password	12345
Proxy Server	ipnl.org:5060
Backup Proxy Server	0.0.0.0:5060
Outbound Proxy Server	0.0.0.0:5060

Back Restart Cancel

4

Configuration through IVR

The VoIP Adapter provides a convenient IVR (Interactive Voice Response) function to help you query and configure the basic settings of the VoIP Adapter with a phone and without turning on a PC. To access IVR mode, plug a phone into the VoIP Adapter and then pick up the handset and press * (star) 666 # (pound). You will hear voice instructions through the handset. Follow the system's instructions to set up or query the VoIP Adapter's settings. To exit IVR mode, simply hang up the phone. The IVR function only supports DHCP and Static mode configuration, other connection types need to be done via the web configuration interface. If you pick up the handset and can not hear a tone or press *666# without IVR response, please press the Reset button for 1-2 seconds and try again. Please refer to the Rear Panel diagram on page 3 of this manual for the Reset button location.



Indication

Press *666# to enter IVR mode
 Press # key to skip this step or end the input
 Press * key to return to previous level or represent "." (dot)

Example:

To enter a set of IP address 192.168.1.150,
 press **192*168*1*150#**.

D-Link®



Ver. 1.00
2007/12/27