



Install Guide

Version 1.0

DVG-2001S
VoIP Terminal Adapter

System Requirements

- Computer with Windows® XP or 2000
- Internet Explorer 6.0 or Netscape® Navigator 7.0 and above
- An available Ethernet port on the network
- An active subscription to a VoIP Broadband Phone Service

It's best to use the same computer that is connected to your router for configuring the DVG-2001S VoIP Terminal Adapter when connecting directly to a cable or DSL modem.

Package Contents



D-Link DVG-2001S
VoIP Terminal Adapter



Manual and Software
on CD



Ethernet Cable



12V 1.2A Power Supply

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

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

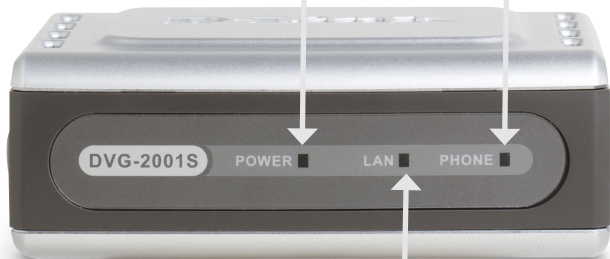
Front Panel

Power LED

Solid indicates a connection to a good power source. Blinking indicates startup or a reboot.

Phone LED

A solid light indicates that the phone is off the hook (in use). A blinking LED indicates an incoming call.



LAN LED

Solid indicates an Ethernet connection. Blinking indicates traffic at the Ethernet port.

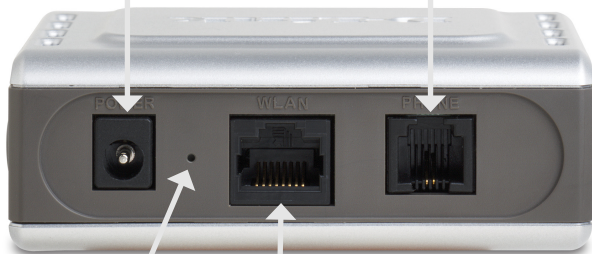
Rear Panel

Power Receptor

Receptor for the supplied power adapter.

Phone Port

Connect to your phone using a standard phone cable.



Reset Button

With the power off, hold the reset button using a paper clip and power on the unit. Hold for 5 seconds and release.

LAN Port

Connects to your Ethernet network. The LAN port supports Auto MDI/MDI-X, allowing you to connect a straight-through or crossover cable.

Configuration

If you are going to connect the DVG-2001 to a D-Link router using the default LAN IP address (192.168.0.1), or to an existing network with a network IP of 192.168.0.xxx, plug the DVG-2001 into the router using an Ethernet cable and skip to page 5. The default IP address of the DVG-2001 is 192.168.0.80.

If you are setting up the DVG-2001S for the first time, you will need to connect the unit directly to a computer for configuration.

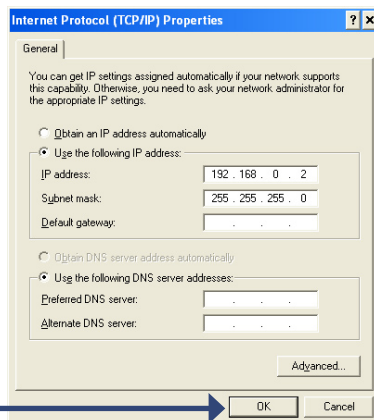
Insert one end of the Ethernet cable into the Ethernet (LAN) port on the back panel of the DVG-2001S and the other end of the cable to an Ethernet adapter on your computer.

Connect the power adapter to the power input at the back panel of the VoIP Adapter and then plug the other end of the power adapter to a wall outlet or power strip. On the front of the device, the Power LED will turn ON to indicate proper operation.

Windows 2000/XP: Go to **Start > right-click My Network Places > select Properties > Right-click Local Area Connection > select Properties > double-click Internet Protocol (TCP/IP)**. Remember your original settings since you will change them back when completing the configuration of the DVG-2001S.

Set your PC's IP address to 192.168.0.2 and the subnet mask to 255.255.255.0. The default gateway and primary DNS server IP addresses can be left blank at this time.

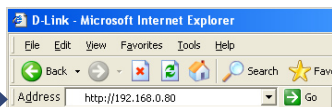
Click **OK**.



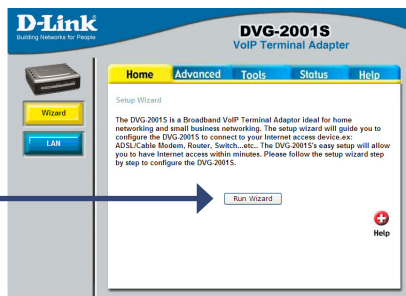
Configuration (continued)

To access the web-based configuration utility, open a web browser such as Internet Explorer and enter the IP address of the DVG-2001S (192.168.0.80).

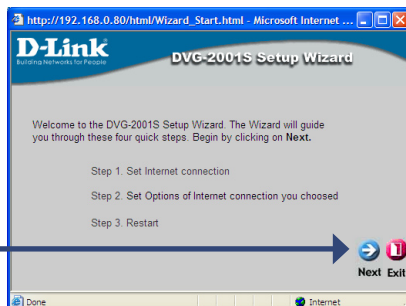
Open a web browser and type in the IP address of the DVG-2001S.



Click on **Run Wizard**.



Click **Next**.



Select to use a dynamic IP address (assigned by your DHCP server) or a Static IP address (recommended).

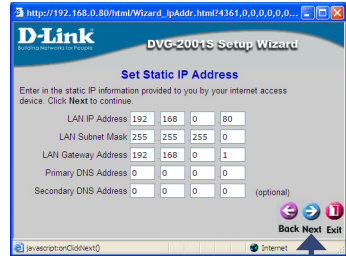
Click **Next**.



Configuration (continued)

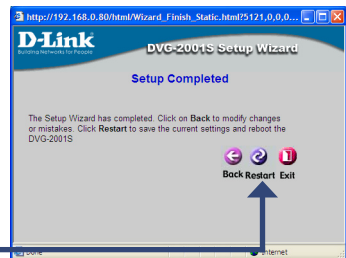
If you selected Static, enter the IP address, subnet mask, default gateway, and DNS server(s). The default gateway and primary DNS server must be the (LAN) IP address of your router.

Click **Next**.



Setup is finished. Click **Restart** to reboot the DVG-2001S. If you have selected Dynamic, the DVG-2001 will obtain an IP address from your DHCP server. You must use the new IP address to access the web-based configuration utility on the DVG-2001.

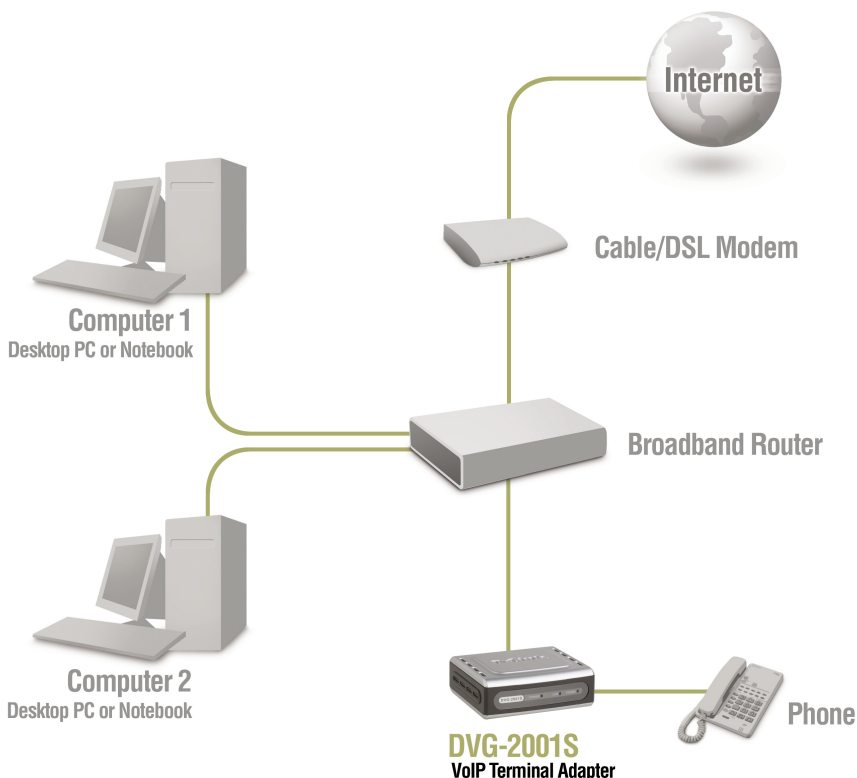
Click **Restart**.



Installation Overview

Once you are finished configuring the DVG-2001G, disconnect the Ethernet cable that is connecting the DVG-2001S to your computer. Connect your computer back to your network and then connect the DVG-2001S to your router or switch (hub). Connect your phone using a standard phone cable and insert it into the Phone port on the DVG-2001S. You must have an account and be provisioned with a VoIP service provider before using your phone.

Once you've completed your DVG-2001S installation, your network may appear similar to the diagram below.



Note that an electrical power outage or a broadband provider outage will prevent operation of the VoIP phone, including for emergency purposes (e.g. calling 911).

VoIP Basics

Making and Receiving Calls:

Placing a call is exactly the same as with any other regular phone. Just pick up the handset and dial the regular telephone number. It's that simple. Receiving calls also works the same. The phone will ring just like a regular phone. With VoIP, just pick up the phone and start talking!

In more technical terms, your D-Link VoIP Adapter splits converts your analog signal to digital. The digital signal is sent through your modem and across the Internet.

When someone calls you, they dial your regular telephone number. Behind the scenes, your number looks similar to an e-mail address. This number instructs the call to travel over the Internet to the D-Link VoIP Adapter, your phone rings, and all you have to do is pick up and answer it.

How does it work?

VoIP technology converts your voice (or analog) into data (or digital signal) allowing you to place and receive calls over your broadband connection. Simply plug a D-Link Broadband VoIP Router in to your Cable or DSL Modem, and plug a standard household telephone into it. You can then place and receive calls over this phone and also have additional control functions available to you through a Web browser.

How can I find my IP address and phone number?

Using a phone that is attached to the DVG-2001S, dial the following 3 digits and you will receive a voice reading back your IP address or phone number.

**1 - IP address

**2 - Phone number

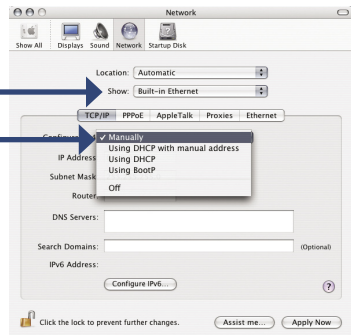
IP Address Configuration - Mac OSX

Go to the **Apple Menu** > select **System Preferences** > click **Network**.

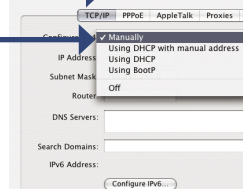
Click **Network**.



Select **Built-in Ethernet** from the Show drop-down menu.

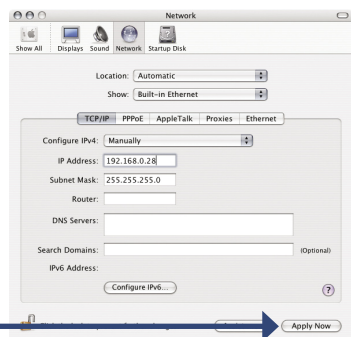


Select **Manually** from the Configuration drop-down menu.



Input your IP Address and Subnet Mask (assign a unique IP address within the same range as your network).

No two computers can have the same IP address.



Click **Apply Now**.

Notes

Notes

Technical Support

D-Link's website contains the latest user documentation and software updates for D-Link products.

D-Link provides free technical support for customers within the United States and Canada for the duration of the product's warranty period.

U.S. and Canadian customers can contact D-Link Technical Support through our website or by phone.

United States

Telephone

(877) 453-5465

Twenty four hours a day, seven days a week.

World Wide Web

<http://support.dlink.com>

E-mail

support@dlink.com

Canada

Telephone

(800) 361-5265

Monday through Friday, 7:30am to 9:00pm EST.

World Wide Web

<http://support.dlink.ca>

E-mail

support@dlink.ca



Version 1.0
Revised 11/08/2005

Copyright ©2005 D-Link Corporation/D-Link Systems, Inc. All rights reserved. D-Link and the D-Link logo are registered trademarks of D-Link Corporation or its subsidiaries in the United States and other countries. Other trademarks are the property of their respective owners. Product specifications, size and shape are subject to change without notice, and actual product appearance may differ from that depicted on the packaging. Visit www.dlink.com for more details.