

D-Link Quick Installation Guide

This product can be set up using Internet Explorer or Netscape Navigator, 6.x or above, with Javascript enabled

DVG-4032S
FXS+FXO VoIP Gateway



Before You Begin

You must have the following:

- A subscription with the service provider included in this package
- A Computer with a CD-ROM drive and an Ethernet port running Windows
- Ethernet-based broadband modem

Check Your Package Contents

If any of the items below are missing, please contact your reseller. These are the items included with your DVG-4032S purchase:



DVG-4032S FXS+FXO VoIP Gateway



Centronics Cable x 2



CAT5 Ethernet Cable



CD-ROM



AC Power Cord

1

Hardware Overview

Front Panel



WAN Port	Connects to your broadband modem using an Ethernet cable.
WAN LED	When a connection is established, the 10 or 100 LED will light up. The LED will blink to indicate activity. If the 10 or 100 LED does not light up when a cable is connected, verify the cable connections and make sure your devices are powered on.
LAN Port	Connect to your Ethernet enabled computers using Ethernet cabling.
LAN LED	When a connection is established, the 10 or 100 LED will light up. The LED will blink to indicate activity. If the 10 or 100 LED does not light up when a cable is connected, verify the cable connections and make sure your devices are powered on.
Reset	This button is used to reset the unit to its factory default settings.
Power LED	Indicates the unit is powered on.
Run LED	The Run LED will flash during the self-test/boot process and light green if the self-test or boot fails.
Alarm LED	The Alarm LED will light red if the self-test or boot fails. The Alarm will flash red while the system is registering or if registration fails.
Phone LEDs (1-16)	These LEDs display the VoIP status and Hook activity on the phone ports that are used to connect normal telephones. If a phone connected to a phone port is off hook or in use, this LED will light up. When a phone is ringing, the indicator will blink.
Line LEDs (1-16)	Light on means the line is in use. If the light is off, the line is not in use.

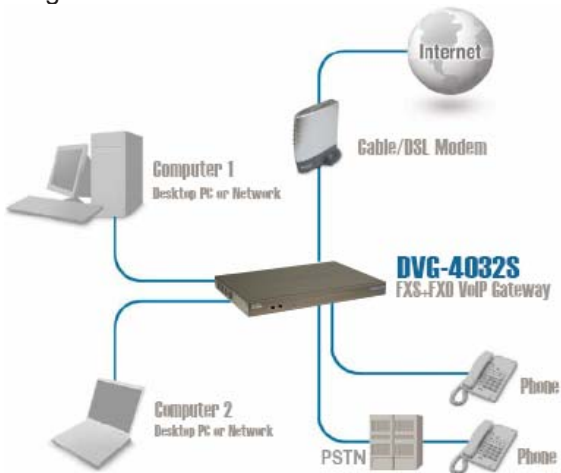
Rear Panel



Phone Ports	Connect to your phones using Centronics cables.
Line Ports	Connect to your PBX with the included Centronics cables.
Power Switch	Used to turn the unit on and off.
AC Input	The power cord connects here.

2 Connecting the DVG-4032S directly to a Modem and Computer

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-4032S. 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.



- Turn off your Computer.
- Disconnect the power to your Cable/DSL Modem (unplug or turn off the power switch).
- Unplug the Ethernet cable that is connected to your Cable/DSL Modem's LAN or Ethernet port. Leave the other end of this cable connected to your PC.
- Plug the Ethernet cable connector that you just removed from the modem into the LAN port on the front of the DVG-4032S. The other end remains connected to the PC.



2 Connecting the DVG-4032S directly to a Modem and Computer (continued)

- e. Connect one end of the Ethernet Cable provided in this package to the LAN or Ethernet Port on the Cable/DSL Modem.

- f. Connect the other end of the provided Ethernet Cable to the WAN Port of the DVG-4032S.



- g. Connect the provided Centronics cables to the ports on the rear panel of the DVG-4032S.

- h. Connect the other end of the cables either to standard analog telephones or to your PBX. (Note that half of the cables are FXS used for connecting to phones and the other half are FXO used for connecting to the PBX.)



- i. Restore power to the Cable/DSL Modem (plug it in or turn on the power switch).
- j. Restart your PC.



- If your ISP registers your computer's MAC address, see the section labeled *MAC Cloning* for Connections in the user manual on the CD-ROM.
- **PPPoE Users**, please continue to the next page for additional configuration steps.

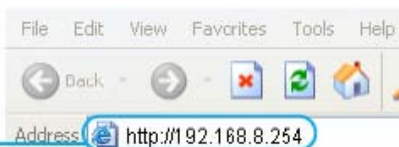
Hardware configuration is complete! If your VoIP service is already activated, you can make phone calls now.

3

PPPoE Configuration

Some Internet Service providers use PPPoE as their method of connecting clients. If you have a PPPoE connection, you must follow the steps below to complete the configuration of your hardware. If you are unsure of your connection type or do not know your username and password, please check with your Internet Service Provider.

Open your Web browser and type <http://192.168.8.254> into the URL address box. Press the Enter or Return Key



Click **OK** to enter Web Site.



Click **Network Settings**.



Click **PPPoE**.

Enter **PPPoE Account, Password and Confirm Password**.



3

PPPoE Configuration (continued)

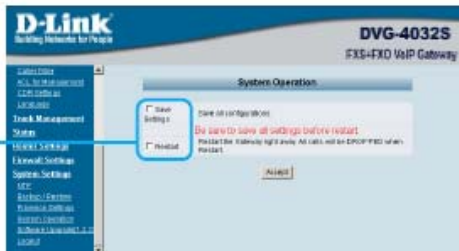
Click **Accept** at the bottom of this page.



Click **System Operation** in the left menu.

Select **Save Settings and Restart**.

Click **Accept**.



Once the unit reboots you will see a message. Check to see if the status LED light goes from blinking green to solid green on the front panel of the DVG-4032S.



The information displayed on the Device Information page is necessary for VoIP service registration