D-Link®
Building Networks for People

Quick Installation Guide
DVG-N5402FF
VoIP Wireless Router

Check Your Package Contents

DVG-N5402FF
VoIP Router

Phone Cord X 2

Ether Cable
(CAT5 UTP)

12VDC, 2A
Power Adapter

Antenna X 2

Stand

CD-ROM

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

① Hardware Overview

Front Panel

Power：Solid indicates a connection to a good power source.

Prov./Alm：A blinking light indicates the DVG-N5402FF can not register with SIP Server or can not get the IP address. A blinking light also indicates the DVG-N5402FF is attempting to connect with the Provisioning server. Once the service connects, the LED will turn off. The LED will light solid red if the self-test or boot-up fails.

Reg.：The Register LED will turn on and continuously working when DVG-N5402FF is connected to a VoIP service provider. The LED will flash if not connected to a service provider.

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

WLAN：A steady light indicates a wireless connection. A blinking light indicates that DVG-N5402FF is receiving/ transmitting from/to the wireless network

LAN：When a connection is established the LED will light up solid on the appropriate port. The LEDs will blink to indicate activity. If the LED does not light up when a cable is connected, verify the cable connections and make sure your devices are powered on.

USB：This indicates that DVG-N5402FF detects a supported 3G USB dungle or a USB device.
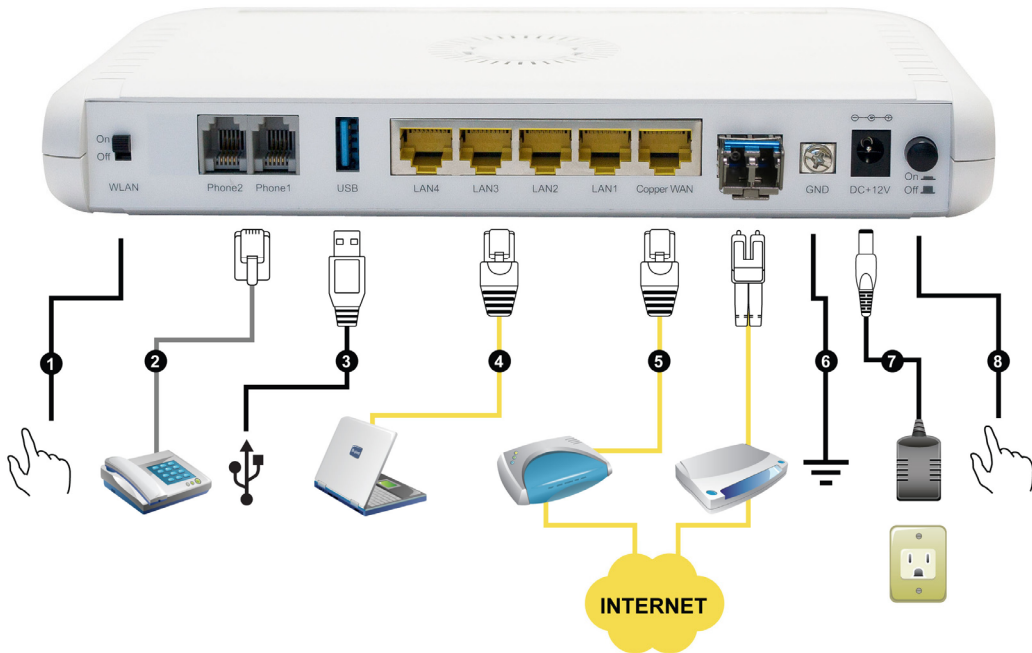
Phone：This LED displays the VoIP status and Hook activity on the phone port that is used to connect your normal telephone(s). If a phone connected to a phone port is off hook or in use, this LED will light solid. When a phone is ringing, the indicator will blink.

WPS: Flashing in blue as DVG-N5402FF processing WPS-PBC wireless connecting progress.

Rear Panel

1. **WiFi Switch:** Turn on/off wireless LAN.
2. **Phone Port (1-2):** Connect to your phones using standard phone cabling (RJ-11).
3. **USB:** Connect to a 3G USB dungle or a printer.(This feature is optional.)
4. **LAN:** Connect to your Ethernet enabled computers using Ethernet cabling.
5. **WAN:** Connect to your broadband modem using an Ethernet cable.
6. **Ground:** A conducting connection with the earth. Connect with the ground so as to make the earth a part of an electrical circuit using metal wire.
7. **Power Receptor:** Receptor for the provided power adapter.
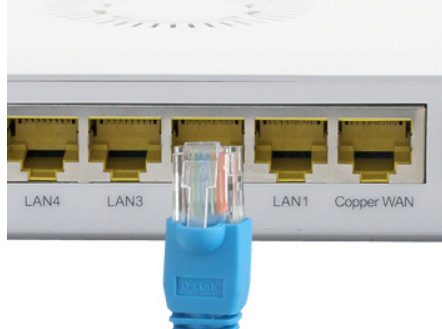8. **Power Switch:** Press down to turn-on DVG-N5402FF.

① Hardware Overview (continued)

1. **WPS:** WPS button for wireless WPS-PBC setup method.
2. **Antenna:** Connect to antenna for wireless network.
3. **Reset:** Keep pressing 6 seconds to restore DVG to be factory default.

② Installing the Hardware

A. Insert one end of the Ethernet cable into the Ethernet (LAN) port on the back panel of the DVG-N5402FF and the other end of the cable to an Ethernet Adapter or available Ethernet port on your computer.
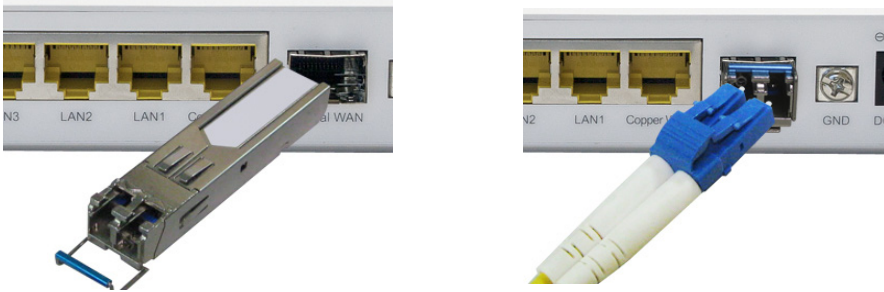

B. Insert one end of the Ethernet cable into the WAN port on the back of the DVG-N5402FF and the other into your cable/DSL modem or the LAN port of your router.
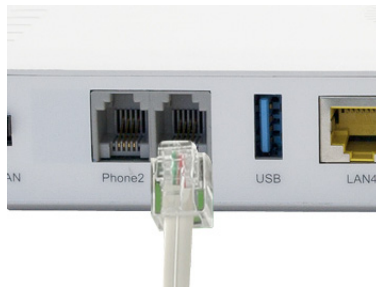
B1. If the ISP provides optical WAN, insert SFP module into optical cage then insert optical patch code.and connect a switch.

C. Insert a telephone cable into the Phone port, and then connect the cable to your telephone.

D. Connect the power adapter to the power input at the back panel of the DVG-N5402FF and then plug the other end of the power adapter to a wall outlet or power strip then press power switch. On the front of the device, the Power LED will turn On to indicate proper operation.
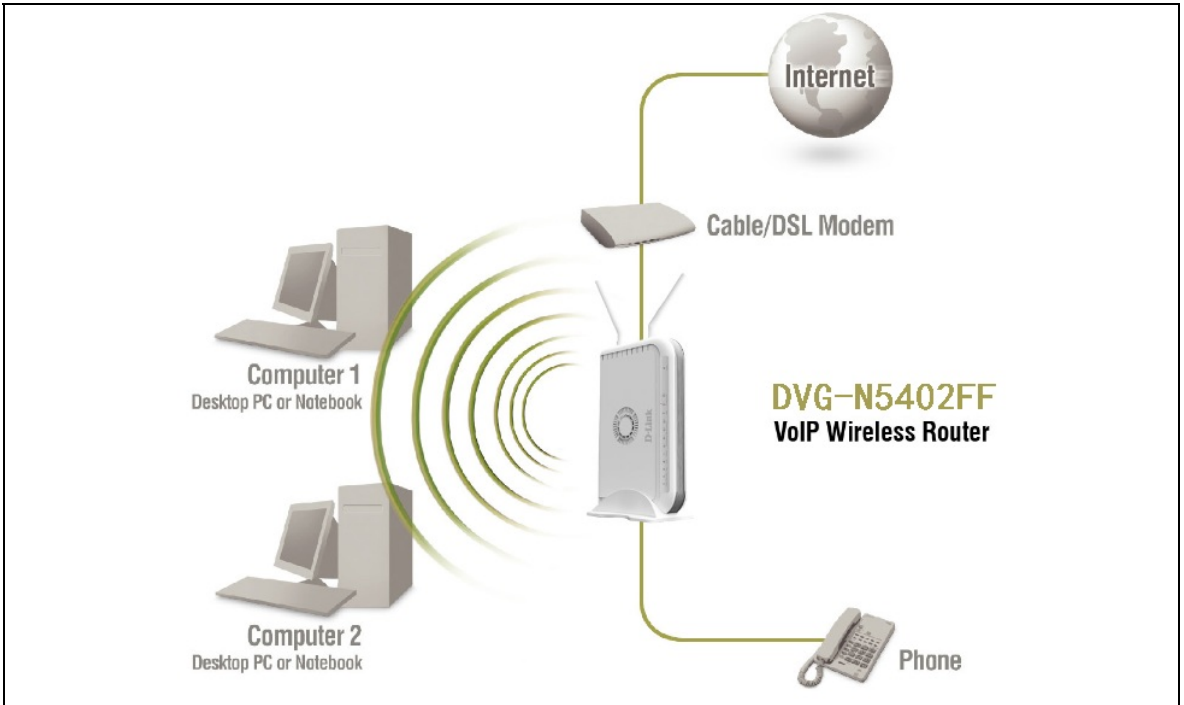

E. Check the LED display on the front of the VoIP Wireless Router to confirm that the connections have been made.

② Installing the Hardware (continued)

After the installations are completed, your network should look similar to the diagram below.
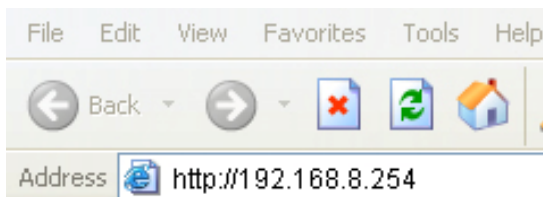

Hardware configuration is complete! If your VoIP service is already activated, you can make phone calls now.
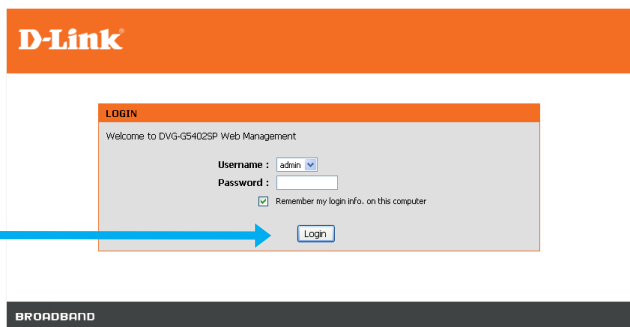
3 Configuration

To access the web-based configuration utility, open a web browser such as Internet Explorer and enter the IP address of the DVG-N5402FF.
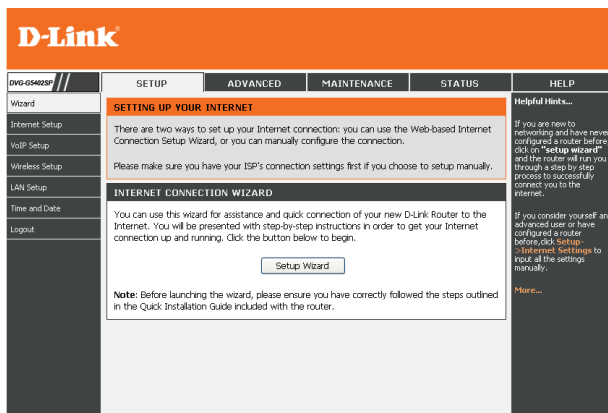
Open your Web browser and type **http://192.168.8.254** into the URL address box. Press the Enter or Return Key.

File   Edit   View   Favorites   Tools   Help

Back

Address   http://192.168.8.254

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LOGIN
Welcome to DVG-G5402SP Web Management

Username : admin
Password :

☑ Remember my login info. on this computer

Login

Click **Login** to enter Web Site.

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| DVG-G5402SP | SETUP | ADVANCED | MAINTENANCE | STATUS | HELP |

Wizard

Internet Setup

VoIP Setup

Wireless Setup

LAN Setup

Time and Date

Logout

SETTING UP YOUR INTERNET

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.

Please make sure you have your ISP's connection settings first if you choose to setup manually.

INTERNET CONNECTION WIZARD

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.

Setup Wizard

Note: Before launching the wizard, please ensure you have correctly followed the steps outlined in the Quick Installation Guide included with the router.

Helpful Hints...

If you are new to networking and have never configured a router before, click on **"setup wizard"** and the router will run you through a step by step process to successfully connect you to the internet.

If you consider yourself an advanced user or have configured a router before,click **Setup->Internet Settings** to input all the settings manually.

More...

Click **Setup Wizard**.

Configuration (continued)

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WELCOME TO D-LINK SETUP WIZARD

This wizard will guide you through a step-by-step process to configure your new D-Link router and connect to the Internet.

- **Step 1 :** Change Device Login Password
- **Step 2 :** Set Time and Date
- **Step 3 :** Setup Internet Connection
- **Step 4 :** Line Register
- **Step 5 :** Setup Wireless Connection
- **Step 6 :** Setup Wireless Security
- **Step 7 :** Save and Restart

Next   Cancel

Click **Next**.

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STEP 1: CHANGE DEVICE LOGIN PASSWORD

The factory default password of this router is admin. 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.

ADMIN

New Password :   ••••••••••
Confirm Password :   ••••••••••

USER

New Password :   ••••••••••
Confirm Password :   ••••••••••

Back   Next   Skip   Cancel

The username of **ADMIN** and **USER** have been defined and locked by default. It is highly recommended to create a login password to keep your router secure.

Click **Next**.

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STEP 2: SET TIME AND DATE

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.

TIME SETTINGS

☑ **Automatically synchronize with Internet time servers**
First NTP time server :   ntp1.dlink.com
Second NTP time server :   ntp.dlink.com.tw

TIME CONFIGURATION

Current Router Time :   2000/ 1/ 2 06:20:14
Time Zone :   (GMT+08:00) Taipei
☐ **Enable Daylight Saving**
Daylight Saving Offset :   0:00

                   Month   Week   Day   Time
Daylight Saving Dates: Start   Jan   1st   Sun   12 am
                          End   Jan   1st   Sun   12 am

Back   Next   Cancel

Enter a NTP server or use the default server.

Click **Next**.

Configuration (continued)

Select your Internet connection type:
DHCP – Most Cable ISPs or if you are connecting the DVG-N5402FF behind a router.
Static IP – Select if your ISP supplied you with your IP settings.
PPPoE – Most DSL ISPs.
PPTP – Select if required by your ISP.
WAN1 Domain Name Server – Select **Manual** to manually enter IP address of DNS or select **Auto** if DNS is assigned by ISP.

Click **Next**.

Register to the SIP Proxy Server by clicking **Enable support of SIP Proxy Server**. Enter **Proxy Server IP/Domain** and **Port**.

The **Outbound Proxy Support** is optional. To register, please click on the **Outbound Proxy Support** check box and enter **Outbound Proxy IP/Domain** and **Port** in it.

Registration by phone line: enter **Number, User ID/Account** and **Password** supplied by your ITSP. Click on the **Register** check box to register to Proxy Server.

Click **Next**.

Configuration (continued)

Click on the **Enable wireless LAN interface** check box to build a wireless network. Enter the SSID to name your wireless network. All devices must have the same SSID to communicate on the wireless network. Select a wireless channel. Select the 802.11 Mode of your network which can work in different speed of wireless connection.

Click **Next**.

Select your wireless security modes for your wireless network.

Click **Next**

Setup is finished. Check the summary of your settings. To make new settings effective, you must click on the **Restart** button to reboot the DVG-N5402FF.

Click **Restart**.

Technical Support

You can find software updates and user documentation on the D-Link website.

Tech Support for customers within United States:

D-Link Technical Support over the Telephone:
(800)326-1688

D-Link Technical Support over the Internet:
http://support.dlink.com
email:support@dlink.com

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