



## WIRELESS G VoIP ADSL2+ MODEM ROUTER

### 2 INTERNET PHONE CONNECTIONS

2 FXS phone ports, 1 FXO line port for 2 simultaneous Internet phone & analog connections.

### HIGH-SPEED WIRELESS INTERNET

Built-in ADSL2/2+ modem with up to 24Mbps downstream, 1Mbps upstream speed & 802.11g WLAN with up to 54Mbps wireless speed.

### SECURELY SHARE NETWORK CONNECTION WITH A GROUP

Firewall protection, user access control, WPA/WPA2 wireless security, QoS VoIP/streaming multimedia & USB printer sharing – all from a single device

### EVERYTHING YOU NEED FOR A HOME

Get everything from the D-Link DVA-G3670B Wireless G VoIP ADSL2+ Modem Router. This all encompassing device includes an integrated high-speed ADSL2/2+ modem, 2 VoIP phone connections, 802.11g wireless interface, a USB print server and a 4-port Ethernet switch. This router provides all the functions that your home needs to establish a fast, secure Internet connection, make and receive Internet calls, and wirelessly share the Internet link and USB printer with your family members.

### FAST ADSL SPEED FOR CLEAR INTERNET PHONE

The DVA-G3670B provides ADSL2+ speeds of up to 24Mbps downstream and 1Mbps upstream, suitable for Internet phone calls. It combines the industry's latest Voice over IP technology with advanced communication features, and is compatible with industry-wise phone services. With two FSX phone ports and a FXO lifeline, this router can connect to two ordinary phone sets for two simultaneous phone calls, and relay phone calls to PSTN automatically in case of a power outage, so your phone line will always be available.

### SECURE WIRED AND WIRELESS CONNECTION

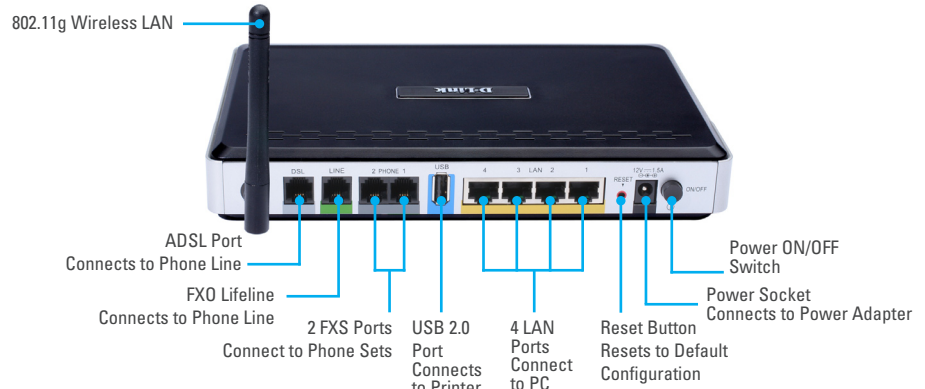
The DVA-G3670B provides an integrated 802.11g WLAN supporting wireless speeds of up to 54Mbps, four Ethernet ports to connect to four computers through the network cables, and a USB port to hook up a printer and share it among the workgroup. It provides WEP data encryption and WPA/WPA2 wireless security, Stateful Packet Inspection (SPI) firewall protection, MAC/IP/Port access filtering access, and day/time parental control. Priority queues and packet prioritization enable your home to experience smooth VoIP and streaming media without concern of traffic congestion.

### WHAT THIS PRODUCT DOES

This all-in-one DVA-G3670B router provides everything from a single box. Connect it to your phone wires, and you can establish a high-speed ADSL2+ line and make phone calls anywhere in the world using the Internet. This router lets a group of users surf the web and two people make Internet phone calls at the same time. It has a built-in 802.11g wireless interface and four LAN ports, so family members can connect to the network wirelessly or through the network cables. A USB port allows you to share your printer and print out web pages with your family.

### CLEAR, SMOOTH VOICE OVER THE INTERNET

The DVA-G3670B incorporates a high-speed ADSL2+ modem and Quality of Service (QoS) especially tuned for VoIP traffic to ensure that voice received through the Internet is the same as or even surpasses that received on the ordinary phone. It supports many useful functions such as call transfer, caller ID display, call hold, call waiting and hot lines to make it convenient to dial out or answer phone calls.



### TECHNICAL SPECIFICATIONS

#### Device Interfaces

- + 1 RJ-11 ADSL port (to phone line)
- + 2 RJ-11 FXS ports (to analog phones)
- + 1 RJ-11 PSTN port (lifeline to phone line)
- + 4 RJ-45 10/100BASE-TX Ethernet LAN ports with auto MDI/MDIX (to computers)
- + 802.11g WLAN (AP wireless connection to computers)
- + 1 USB 2.0 Type B port (to printer)
- + Factory reset button
- + Power ON/OFF switch

#### ADSL

##### Standards

- + ADSL standards: ANSI T1.413 Issue 2, ITU G.992.1 (G.dmt) Annex A, ITU G.992.2 (G.lite) Annex A
- + ADSL2 standards: ITU G.992.3 (G.dmt.bis) Annex A, ITU G.992.4 (G.lite.bis) Annex A
- + ADSL2+ standards: ITU G.992.5 Annex A
- + Auto-handshake: ITU G.994.1 (G.hs)

##### Data Rates

- + G.dmt: 8Mbps downstream, 832Kbps upstream
- + G.lite: 1.5Mbps downstream, 512Kbps upstream
- + ADSL2: 12Mbps downstream, 1Mbps upstream
- + ADSL2+: 24Mbps downstream, 1Mbps upstream

#### ATM & PPP Protocols

- + ATM Adaptation Layer Type 5 (AAL5)
- + Bridged or routed Ethernet encapsulation
- + VC and LLC based multiplexing
- + PPP over Ethernet (PPPoE)
- + PPP over ATM (RFC 2364)
- + Classical IP over ATM (RFC 1577)
- + QAM F4/F5

#### VoIP

- + VoIP Protocol Support SIP (RFC 3261)

#### Telephone Function Support

- + DTMF dial tone signal support
- + Caller ID support

#### Audio Code

- + G.711u-law/A-law
- + G.723.1
- + G.726
- + G.729A/B

#### Echo Cancellation

G.168

#### Fax Function Support

Transparent fax (G.711)

#### VoIP NAT Traversal

SIP

#### WIRELESS LAN

##### Standards

- + 802.11g
  - + 802.11b
- Data Rates**  
(With automatic fallback)
- + For 802.11g: 54, 48, 36, 24, 18, 12, 9 and 6Mbps
  - + For 802.11b: 11, 5.5, 2 and 1Mbps

#### Wireless Frequency Range

2.4GHz to 2.4835GHz

#### Antenna

2dBi Gain detachable diversity dipole antenna with reverse SMA connector

#### Transmit Output Power

16 to 18 dBm

#### Transmission Technology

DSSS

#### Data Modulation Type

DBPSK, DQPSK, CCK, PBCC and OFDM (BPSK/QPSK/16-QAM/ 64-QAM)

#### Security

- + ACL MAC address filtering
- + ESS-ID
- + 64-, 128-bit WEP data encryption
- + MAC address filtering
- + WPA EAP
- + WPA PSK

#### ROUTER

##### Network Protocols & Features

- + NAT/NAPT (RFC 1631)
- + RIP v1 (RFC 1058)
- + RIP v2 (RFC 1389)
- + Static Routing
- + DNS
- + TCP/UDP
- + ARP/RARP (RFC 826)
- + ICMP (RFC 791)
- + DHCP Server/Client (RFC 2131)
- + IP Multicast - IGMP Proxy/Snooping
- + UPnP Compliant
- + Virtual Server/Port Forwarding
- + DMZ
- + SNTP/NTP

##### Firewall/Access Security

- + Built-in NAT firewall
- + Stateful Packet Inspection (SPI)
- + DoS attacks prevention
- + Packet filtering based on port, source IP address, destination IP address, MAC address (ICMP/TCP/UDP)

##### Virtual Private Network (VPN)

PPTP/L2TP/IPSec pass-through

#### QoS

- + ATM QoS
- + PVC/VLAN port mapping QoS for 4 LAN ports
- + Priority queue (3 queues)
- + Packets classification (IP/MAC/Port and physical port)
- + IP TOS

#### Configuration/Management

- + Quick Installation Wizard
- + Web-based GUI for remote/local management
- + Firmware upgrade, configuration data upload/download via Web-based GUI
- + Telnet server for remote/local management
- + Syslog monitoring
- + SNMP v.1, v.2c support with built-in MIB-I & MIB-II (RFC 1213)
- + TR-069

#### Security/Bandwidth Management

- + IGMP Snooping
- + PVC/VLAN port mapping

#### Diagnostic LEDs

- + Power
- + LAN 1 to 4
- + USB
- + WLAN
- + VoIP 1 and 2
- + Line
- + DSL
- + Internet

#### PHYSICAL & ENVIRONMENTAL

##### Power Input

Through 12V 1.5A external power adapter

##### Dimensions

217.5 x 146.5 x 32 mm

##### Operating Temperature

0° to 40°C

##### Storage Temperature

-20° to 70°C

#### Operating Humidity

5% to 95% non-condensing

#### Emission (EMI)

- + CE
- + A-Tick



### D-Link Worldwide Offices

<b>U.S.A</b>	TEL: 1-800-326-1688	FAX: 1-866-743-4905	<b>Spain</b>	TEL: 34 93 409 0770	FAX: 34 93 491 0795	<b>Iran</b>	TEL: 90-212-289-5659	FAX: 90-212-289-7606
<b>Canada</b>	TEL: 1-905-8295033	FAX: 1-905-8295223	<b>Portugal</b>	TEL: 351 21 8688493	FAX: 351 21 8622492	<b>Pakistan</b>	TEL: 92-21-454-8158	FAX: 92-21-453-5103
<b>Europe (U. K.)</b>	TEL: 44-20-8955-9000	FAX: 44-20-8955-9001	<b>Greece</b>	TEL: 30 210 9914 512	FAX: 30 210 9916902	<b>Israel</b>	TEL: 972-9-9715700	FAX: 972-9-9715601
<b>Germany</b>	TEL: 49-6196-77990	FAX: 49-6196-7799300	<b>Czech Republic</b>	TEL: 420 224 247 500	FAX: 420 224 234 967	<b>Latin America</b>	TEL: 56-2-5838-950	FAX: 56-2-5838953
<b>France</b>	TEL: 33 1 30 23 86 88	FAX: 33 1 30 23 86 89	<b>Hungary</b>	TEL: 36 (0)1 461 30 00	FAX: 36 (0)1 461 30 04	<b>Brazil</b>	TEL: 55-11-2185-3300	FAX: 55-11-2185-9322
<b>Netherlands</b>	TEL: 31-10-282-1445	FAX: 31-10-282-1331	<b>Poland</b>	TEL: 48 (0)22 583 92 75	FAX: 48 (0)22 583 92 76	<b>South Africa</b>	TEL: 27-12-665-2165	FAX: 27-12-665-2186
<b>Belgium &amp; Luxemburg</b>	TEL: 32 (0)2 517 7111	FAX: 32 (0)2 517 6500	<b>Bulgaria</b>	TEL: 359 2 958 22 42	FAX: 359 2 958 65 57	<b>Russia</b>	TEL: 7-495-744-0099	FAX: 7-495-744-0099
<b>Switzerland</b>	TEL: 41 (0)1 832 11 00	FAX: 41 (0)1 832 11 01	<b>Romania</b>	TEL: 40(0)21 320 23 05	FAX: 40(0)21 320 23 07	<b>Japan</b>	TEL: 81-3-5781-0963	FAX: 81-3-5781-0965
<b>Austria</b>	TEL: 43 (0)1 240 27 270	FAX: 43 (0)1 240 27 271	<b>Singapore</b>	TEL: 65-6774-6233	FAX: 65-6774-63225	<b>Korea</b>	TEL: 82-2-890-5491	FAX: 82-2-890-549
<b>Sweden</b>	TEL: 46 (0)8 564 619 00	FAX: 46 (0)8 564 619 01	<b>Australia</b>	TEL: 61-2-8899-1800	FAX: 61-2-8899-1868	<b>China</b>	TEL: 86-10-58635900	FAX: 86-10-58635799
<b>Denmark</b>	TEL: 45-43-969040	FAX: 45-43-424347	<b>India</b>	TEL: 91-22-2652 6696	FAX: 91-22-2652 8914	<b>Taiwan</b>	TEL: 886-2-6600-0123	FAX: 886-2-6600-9339
<b>Norway</b>	TEL: 47 99 300 100	FAX: 47 22 30 90 85	<b>Middle East (Dubai)</b>	TEL: 971-4-391-6480	FAX: 971-4-390-8881	<b>Headquarters</b>	TEL: 886-2-6600-0123	FAX: 886-2-6600-9838
<b>Finland</b>	TEL: 358-10 309 8840	FAX: 358-10 309 8841	<b>Egypt</b>	TEL: 202-291-9035	FAX: 202-291-9051			
<b>Italy</b>	TEL: 39-02-2900-0676	FAX: 39-02-2900-1723	<b>Turkey</b>	TEL: 90-212-289-5659	FAX: 90-212-289-7606			