

## Wireless AC1200 Dual-Band Gigabit VDSL2 4-Port Ethernet IAD

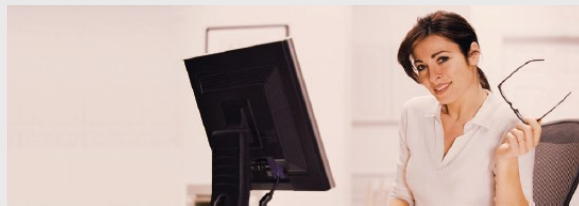
### CONNECT TO INTERNET PHONES

2 FXS phone ports for internet phone connections



### HIGH-SPEED WIRELESS INTERNET

Built-in VDSL2 modem with up to 100 Mbps downstream, 50 Mbps upstream speed and 802.11ac WLAN with up to 1200 Mbps wireless speed



### SECURE NETWORK SHARING

Firewall protection, user access control, WPA/WPA2 wireless security, QoS support –all from a single device



### EVERYTHING YOU NEED FOR A HOME

Get everything from the D-Link DSL-G2452DG Wireless AC VoIP VDSL2 Modem Router. This all-encompassing device includes an integrated high-speed VDSL2 modem, two VoIP phone connections, 802.11ac wireless interface, and a 4-port Gigabit 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 with your family members.

### SECURE WIRED AND WIRELESS CONNECTION

The DSL-G2452DG Wireless AC VoIP VDSL2 Modem Router provides an integrated 11ac WLAN supporting wireless speeds of up to 1200Mbps, Four Ethernet ports to connect to computers through the network cables. It provides WEP data encryption and WPA/WPA2 wireless security, MAC/URL filtering, Domain Blocking to secure both Wired and Wireless network.

### SIMPLE TO INSTALL AND USE

The DSL-G2452DG Wireless AC VoIP VDSL2 Modem Router can be installed quickly and easily almost anywhere. This router is great for situations where an impromptu wireless network must be set up, or wherever conventional network access is unavailable.

## WHAT THIS PRODUCT DOES

The DSL-G2452DG Wireless AC1200 VDSL2 4-port Ethernet IAD is a versatile, high-speed remote router for home and the small office. Users can embrace the great convenience and efficiency not only for Internet browsing, P2P applications, on-line gaming but also for IPTV service, VoIP service, sharing of printers and USB storage devices etc., either through wired or wireless connectivity. Meanwhile, DSL-G2452DG provides physical Giga Ethernet WAN port and FXS port for VoIP.

## CLEAR, SMOOTH VOICE OVER THE INTERNET

The DSL-G2452DG incorporates a high-speed VDSL2 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 those received on the ordinary phone

## TECHNICAL SPECIFICATIONS

### LED STATUS INDICATORS

- Power
- Internet
- DSL
- POTS 1 ~2
- WAN
- LAN 1~4
- USB
- 2.4G Wireless
- 5G Wireless
- WPS

### PORTS

- 1 x 10/100/1000Mbps WAN
- 4 x 10/100/1000Mbps LAN
- 1 x USB port
- 2 x FXS RJ-11 ports

### STANDARDS

- 802.11ac
- 802.11a
- 802.11n
- 802.11b
- 802.11g
- 802.3
- 802.3u
- 802.3az

### DATA RATES \*2

- Up to 1200 Mbps\*\* in 802.11ac mode
- Backward compatible to 802.11a/b/g/n

### WIRELESS SECURITY

- 64/128-bit WEP (Wired Equivalent Privacy)
- WPA & WPA2 (Wi-Fi Protected Access)
- 802.1x Radius

### VOIP PROTOCOL SUPPORT

- SIP

### AUDIO CODE

- G.711u-law/A-law
- G.722
- G.729A/B

### ECHO CANCELLATION

- G.168

### FAX FUNCTION SUPPORT

- G.711 pass through
- T.38

### NETWORK PROTOCOLS & FEATURES

- NAT/NAPT (RFC 1631)
- RIP v1 (RFC 1058)
- RIP v2 (RFC 1723)
- Static Routing
- DNS
- TCP/UDP
- DHCP Server/Client (RFC 2131)
- IP Multicast - IGMP Proxy/Snooping
- Virtual Server/Port Forwarding
- DMZ

### USB Host Features

- 3G/4G USB Modem backup/Failover\*
- USB Storage File Sharing (Samba)

### FIREWALL/ACCESS SECURITY

- Built-in NAT firewall
- Stateful Packet Inspection (SPI)
- DoS attacks prevention
- Intrusion Detection System/Log

### VIRTUAL PRIVATE NETWORK (VPN)

- PPTP/L2TP/IPSec pass-through

### POWER INPUT

- DC 12V 1.5A external power adapter

### DIMENSIONS (L x W x H)

- TBA x TBA x TBA mm

### WEIGHT

- TBA

### OPERATING TEMPERATURE

- 0 to 40 °C (32 to 147 °F)

### OPERATING HUMIDITY

- 5% to 95% (Non-condensing)

### CERTIFICATION

- CE
- FCC

\*For 3G/4G dongle compatibility list, please check D-Link website for more info

\*\*Data rates are theoretical. Data transfer rate depends on network capacity and signal strength.

#### D-Link Corporation

No. 289 Xinhua 3rd Road, Neihu, Taipei 114, Taiwan  
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