



Wireless or Wired Instant Broadband Access with Internet Sharing

This 802.11g wireless gateway/router adds considerable power and flexibility to your network. Six products in one, it combines a ADSL2+ modem, router, 10/100 LAN RJ45 port, 802.11g access point, SPI double firewall, USB2.0 Host and VoIP. It gives you untethered continuous connectivity to your network resources, the Internet, Voice and IPTV. Featuring real time QoS and 802.11g wireless, it allows you to download large files, videoconference, and distribute and play high-definition digital movies, photos, and MP3s in the blink of an eye. Simple to use, it plugs directly into your ADSL2+ line. The integrated voice features let you use it with DECT and analog telephones. Setup couldn't be easier—NETGEAR's Smart Wizard install assistant and on-screen help guide you through each step.

**Faster than Ever**

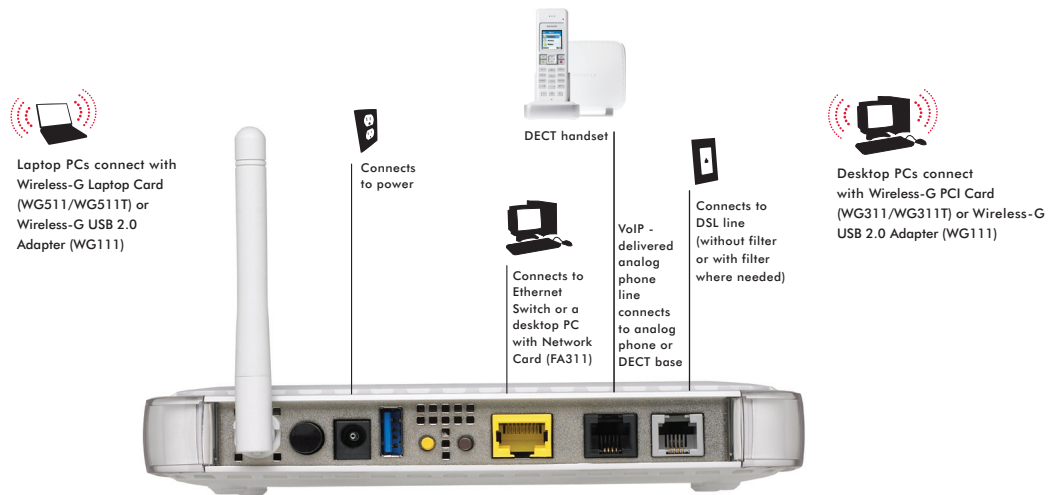
A built-in ADSL2+ modem provides direct, always-on Internet connectivity and multi-user access sharing at downstream speeds of up to 24 Mbps with up to 3.5 Mbps upstream speeds.

**Hassle Free**

Built-in port forwarding settings, Universal Plug and Play (UPnP™) and virtual private network (VPN) pass-through make it simple to play Internet games, stream or download video, make phone calls and host Internet services.

**Secure**

Double firewall using Stateful Packet Inspection (SPI) and intrusion control features Denial of Service protection from hacker attacks, while VPN (Virtual Private Network) pass-through permits secure access to your office or corporate network and enables you to host VPN services. It also logs browsing activities and provides optional email alerts so you can monitor access.



### • System Requirements

- ADSL2/2+ Internet service
- 2.4 GHz 802.11g WiFi adapter or Ethernet adapter and cable for each computer
- Microsoft Windows Vista, XP, 2000, and other operating systems running a TCP/IP network
- Microsoft® Internet Explorer 5.0 or higher
- VISTA Ready

### • Physical Interfaces

- LAN: One 10/100 Mbps auto-sensing MDIX, Auto Uplink™ RJ-45 ports
- WAN Port: ADSL2+ Annex A, B, M or L
- Wireless: 802.11g in the 2.4 GHz band access point auto rate capable up to 54 Mbps
- USB 2.0 Host
- FXS for analog phones (1 line)

### • Security

- Intrusion logging and reporting
- DoS Detection
- E-Mail Alert
- VPN NAT traversal (VPN pass-through) for IPSec, PPTP and L2TP VPNs
- Mode of operation: Port and Network Address Translation (NAT), static routing
- IP Address Assignment: Static IP address assignment, internal DHCP server on LAN, DHCP client on WAN

### • VoIP Voice Features

- Call hold, transfer, forwarding, return, conference, redial, caller ID, Voice mail
- Codecs: G.711, G723.1, G.726, G729a
- G.168 Echo Cancellation
- DTMF relay using Sip Info packets
- G.711 fax pass through
- Multiple SIPID
- NOTIFY for voice mail
- Power failure transfer to PSTN
- rfc2833 DTMF relay
- SIP Pass-Thru (for VoIP calls to/from)
- Speed dial, anonymous call suppression
- T.38 Fax relay

### • Power

- Adapter: 12V DC, 1A; plug is localized to country of sale

- ON/OFF Power Switch

- Input Power: 12W

### • Physical Specifications

- Dimensions: 175.3 x 27.94 x 119.4 mm
- (6.9 x 1.1 x 4.7 in)
- Weight: 0.3 kg (.7 lb)

### • Environmental Specifications

- Operating temperature: 0° to 40° C
- Operating humidity: 90% maximum relative humidity, non-condensing

### • Warranty

- US: 1-year warranty
- Rest of world: 2-year warranty

### • Package Contents

- ADSL2+ Gateway (DVG631G, DVG631GB, DVG631GU or DVG631GBU)
- Power adapter
- Ethernet cable & Phone
- Vertical stand
- Setup CD

### • Compliances

- CE, UL, FCC 15, A-TICK, C-TICK, WiFi

### • DSL Forum Compliant

- TR-059, TR-069, TR-104, TR-106, TR-111

### • Network Management

- Advanced Settings: Wireless, Port, QoS
- Command line Interface
- Event Logs
- Firmware Upgrade via Internet
- Forwarding, Port Triggering
- Remote Web Management
- Scheduling tasks by time of day
- Smart Setup Wizard
- Software Upgrades
- Syslog & Telnet
- TR-068 & TR-069: 325 Objects UPnP

### • Hardware

- MTBF: >20 years at 45 C

### • LEDs (TR-068 Compliant)

- Internet
- LAN Active, Power & USB
- ADSL Down / Upstream active (1 LED)
- Voice line active
- Wireless

### Application Layer

#### • Routing / Switching

- DHCP, DNS (proxy & dynamic), TFTP (for VoIP configuration data), HTTP, ICMP, IRC, NNTP, NTP, RTP, RTSP, Selectable RFC 3263 DNS server, SMTP, TELNET

#### • VoIP Call Control

- SIP for VoIP, SRTP for SIP (RFC3411), STUN, TLS for SIP (RFC2246)

### Transport Layer

- ECN, TCP, UDP

### Network/Internet Layer

- ARP
- Disable, Enable NAT/PA
- IP (IPv4), IP Fragmentation & Reassembly, IPoE, IP QoS, IPSec Pass-Through, NAT/PAT, RARP
- Static Routing

### Data Link Layer

- ATM (8 PVCs), Bridging
- PPPoA & PPPoE (Client)
- PPTP Port Forwarding, RADIUS (WiFi Auth)
- QoS on ATM

### • WIFI

- 802.1x
- Disable SSID broadcast
- MAC address Access Control
- Multiple SSIDs, WDS, WMM-QoS
- WEP 64/128 bit
- WPA, WPA2 & WPA-PSK & WPA2-PSK
- WPS with pin & pushbutton

### Physical Layer

- Ethernet: 10BaseT/100BaseT
- IEEE 802.11g
- Analog Phone ITU-T G.993.2
- USB 2.0
- ITU G.992.1, 992.3 & 992.5
- ANSI T1.413

### • DVG631G Product Family Summary

Model	DSL Annex(s)	USB Port
DVG631G	A,L,M	No
DVG631GB	B,L,M	No
DVG631GU	A,L,M	Yes
DVG631GBU	B,L,M	Yes

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\*Free basic installation support provided for 90 days from date of purchase. Advanced product features and configurations are not included in free basic installation support; optional premium support available.

\*\*Actual performance may vary due to operating conditions