

Simplify VoIP and Networking Connectivity For Home/SOHO

DVG-G1402S



- **Three-in-One: VoIP Adapter And Router With Wireless Connectivity**
- **Connect Up To Two Individual VoIP Lines**
- **Integrated QoS To Prevent Dropped Calls And Deliver Superior Voice Quality**
- **Secured Remote Web-Based Access For Configuration**
- **Send And Receive FAX**

802.11g Wireless Broadband VoIP Router

D-Link, an industry leader in networking, introduces the DVG-G1402S, an 802.11g wireless router with embedded VoIP functionalities. The DVG-G1402S is designed for VoIP service providers and resellers to bundle their existing VoIP services and create a consistent, reliable, and flexible VoIP Networking Solution.

The DVG-G1402S is a router with 802.11g wireless that facilitate users to easily network all of their computers and other networking devices together and share internet access. The DVG-G1402S also enables end users to use their existing analog telephones with VoIP phone service. It comes with two² FXS ports to allow end users the flexibilities to either connect up to two analog phones or an analog phone and a FAX machine for small office environment.

The DVG-G1402S supports the SIP voice protocol, which is the widely deployed by VoIP providers on the market. It also supports the basic telephony features such as call waiting and caller ID.

After selecting a VoIP service provider, the DVG-1402S can be easily provisioned via secured HTTP/TFTP. For security, all configuration settings are protected and only VoIP service provider or reseller with authenticated user name and password can access the settings.

The DVG-G1402S supports multiple audio CODECs to ensure consistent voice quality and to eliminate echoes. The integrated QoS provides three levels of voice packet control to ensure reliable call quality and to prevent dropped calls and voice "cracking".

The DVG-G1402S Wireless Broadband VoIP Router provides all of the necessary elements to create a robust voice and data network for home or SOHO environments by combining VoIP with network router.

The DVG-G1402S combines VoIP and networking solution to simplify the home networking infrastructure. Above all, The DVG-G1402S will help customers to control their budget by not having to purchase all of the hardware individually.

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SPECIFICATIONS

Standards

- IP, TCP, UDP, ARP, HTTP, 802.11g/b

Connection Port

- (2) RJ-11, FXS Ports
- (4) RJ-45 LAN Ethernet 10/100 Ports
- RJ-45 WAN Ethernet 10/100 Port
- Serial Port

Ethernet Port

- IEEE 802.3 for 10M Ethernet
- IEEE 802.3u for 100M Ethernet
- IEEE 802.11b/g

Wireless Support

- WEP (64/128/256 bits)
- WPA
- ESS-ID

Telephony Support:

- SIP Call Control Protocol
- Supports Audio CODEC:
G.711 (A-law and U-law), G.723.1, G.726,
G.729A, G.168 (Echo Cancellation)
- DTMF Relay
G.711 (In Band), RFC2833

Device Management

- TFTP Client
- Web Interface Management

Configuration/Management

- DHCP (Dynamic Host Configuration Protocol)
RFC2131
- Embedded Web Server HTTP1.0 (RFC1945)
- Auto-Provisioning Via Automated Centralized
Configuration File
- Configuration Restore/Backup
- TELNET
- TFTP Client (Remote Access)
- Performance Monitor
DSP/Ethernet Statistics

Quality of Service (QoS)

- TOS-Type of Service Supports 3 Levels:
Normal
Signaling
RTP Packets

Security

- SIP Authentication with Password Encryption
- HTTP Digest Authentication
- Configuration Download Using HTTPS and
SSL/TLS Clients Certification Encryption
and Authentication
- VoIP NAT Traversal (SIP/STUN)
- NAT/Firewall (NAPT, TCP/UDP, DMZ, ALGs)
- VPN Pass-Through
- Packet Filtering by IP Address, Port Number,
and Protocol
- MAC Filter

Fax Support

- FAX Relay, PCM (G.711), T.38

LEDs

- Power ON/OFF
- LAN Link & Activity
- Phone ON/OFF Hook & Ringing
- WAN Speed
- WLAN Link & Activity
- Status/Alarm

Power

- External AC Power Adapter
- Output: 12V AC, 1.2A

Temperature

- Operation: 0o C to 40o C
- Storage: -10o C to 55o C

Humidity

- 5% to 95% Non-Condensing

Certifications

- EMC: FCC Class B, CE Class B
- UL/CUL

Dimensions

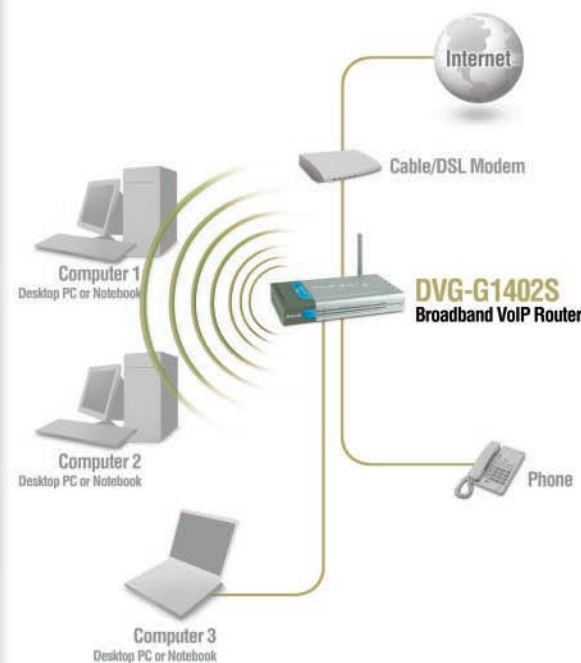
- 192.5mm x 118.4mm x 31mm (WxDxH)

Warranty

- One Year Limited Warranty



The DVG-G1402S may be used with an appropriate Internet phone service provider. D-Link is improving and expanding the list of compatible Internet phone service providers every month. This device can work with other service providers with updated firmware. Please contact D-Link or check www.dlink.com for the latest support.



Voice Over IP Router

