

Wireless VoIP Station Gateway

For 2 Internet Telephone Connections

- 2 FXS ports for 2 phones/fax connections to Internet
- DSL/Cable Modem Broadband Connection
- Built-in 802.11g Wireless LAN/4-Port Switch
- IP sharing for multiple users Internet access

FEATURES

Internet Telephone

- 2 FXS Ports for Phones/Fax Connection
- SIP Protocol
- Convenient Call Feature Support
- Guaranteed Voice Quality With QoS

WAN/LAN Connection

- 10/100Mbps Ethernet WAN Port
- 4 10/100Mbps Ethernet LAN Ports
- 802.11g WLAN (Up to 54Mbps Wireless Speed)
- PPPoE Dial-Up Broadband Support

Built-in Router

- DHCP Server for Automatic IP Assignment
- IP Sharing for Multiple Users Internet Access Via Single IP
- IPSec/PPTP VPN Pass-Through

Configuration/Management

- Easy Installation With UPnP Support
- Remote Software Download/Update
- Configuration Download Using HTTPS and SSL/TLS Client Certificate Encryption/Authentication

The D-Link DVG-G1402S VoIP Station Gateway is an ideal Internet telephone solution for office use. It combines the industry's latest Voice over the IP network technology with advanced communication features, and is compatible with any phone service. This device converts voice traffic into data packets for transmission over the Internet. It is inexpensive and easy to use, providing the convenience and great savings for companies needing to place frequent long-distance and international business calls.

Cost Saving and Investment Protection. The DVG-G1402S provides homes and businesses with an easy and inexpensive upgrade to Internet telephony while allowing them to retain their existing telephone and fax equipment. It allows users to protect and extend their past investments in telephones, conference speakers phones and fax machines, as well as to control their migration to IP with a very affordable and incremental investment.

2 Internet Telephone Connections. The DVG-G1402S provides 2 FXS ports for 2 simultaneous Internet phone connections. Plug in regular phone sets to these ports, and they instantly become Internet telephones. For homes and offices with frequent needs for long-distance and international phone calls, this device provides great cost saving and convenience, allowing users to connect any phones or fax machines to it to make calls or send out faxes on the Internet.

Guaranteed Voice Quality. The DVG-G1402S delivers clear sounds, voice and reliable fax calling through implementation of internationally recognized standards for voice and data networking. It incorporates Quality of Service (QoS) functions to ensure that voice received through the Internet is the same as or even surpasses that received on the ordinary phone.

Convenient Call Features. This DVG-G1402S supports many useful functions, allowing the service providers to offer these functions to their subscribers. Provided that the telephone sets at the end-users side support these functions, callers can take advantage of these convenient features. Call function support includes attended call transfer, call forward (busy, no answer, unconditional), call hold and retrieve, call waiting, caller ID display, anonymous call blocking, and 3-way conference.

Shared Broadband Internet Connection. The DVG-G1402S provides built-in router function to permit sharing of the broadband line for Internet access in your office. Built-in NAT and DHCP server functions automatically create an IP address and assigns it for each user, simplifying everyone's logon operation.

Built-in Wireless LAN and 4-Port Switch. The DVG-G1402S incorporates 802.11g wireless LAN and 4 10/100Mbps Ethernet ports, providing ready connection for workstations and servers. This saves you the cost and trouble of installing a separate wireless access port and an Ethernet switch.



Product Specifications

Device Interfaces

- 2 FXS RJ-11 ports
- 10/100BASE-TX RJ-45 port for DSL/cable modem connection
- 4 10/100BASE-TX RJ-45 ports for LAN connection
- 802.11g wireless LAN
- RJ-14 port console port

WAN Function Support

PPP over Ethernet Client PPPoE (RFC 2516)

Internet Support

- IP, TCP, UDP, ARP protocols
- HTTP 1.1
- DHCP client
- DNS

VoIP Protocol Support

SIP

Audio Code

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

Echo Cancellation

G.168

Telephone Function Support

- DTMF dial tone signal support
- Dial pulse support
- Caller ID support

Fax Function Support

Transparent fax (G.711)

Others

- Call waiting alert tone support
- Play ring splash to phone when system ready with registered

QoS

Priority Queues TOS Type of Service: 3 levels supported (Normal, Signaling, RTP packets)

IP Packet Routing

- DHCP/NAT
- IP filtering
- TCP/IP with RIP v.1, RIP v.2 (RFC 1389), Static Routing
- ICMP (RFC 791)
- UDP (RFC 792)
- ARP (RFC 826)

VPN Support

IPSec and PPTP pass-through

IP Multicast

- IGMP Proxy
- Multicast forwarding

Internet Gateway

- Dynamic Host Configuration Protocol (DHCP) server/client (RFC 2131)
- Network Address Translation (NAT)

Administration Support

- Telnet
- Web-based
- Out-of-band through console port
- Reset button

User Authentication

- PPP Authentication Protocol (RFC 1334)
- Challenge Handshake Authentication Protocol with PPP (RFC 1994)

Statistic Monitoring

DSP/Ethernet statistics

Firmware Upgrade, Configuration

Backup/Restore

TFTP support

IP Number Assignment

DHCP server

Self Identification

- DHCP client
- Bootp

Physical & Environmental

LED Indicators

- Power
- Status
- Alarm
- Prov
- WAN Link/Act
- WLAN Link/Act
- LAN Link/Act (per LAN port)
- LAN 10 or 100Mbps Speed (per LAN port)
- Phone MW (per FSX port)
- Phone Hook/Ring (per FSX port)

Power Input

12VDC 1.25A, through external power adapter

Power Consumption

10 watts (max.)

Dimensions

193 (L) x 118 (W) x 30 (H) mm

Weight

305 grams

Operating Temperature

0° to 40 °C

Storage Temperature

-10° to 55 °C

Humidity

5% to 95% non-condensing

EMI

- FCC Class B
- CE



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