4/8-Port VoIP Station Gateway

Internet Phone Connection for Business

- 4 or 8 FXS Internet Phone Ports
- DSL/Cable Modem Broadband Connection
- Voice Compression Format With Real-Time/Toll Quality
- Built-in Remote Router for Internet Access Sharing
- Integrated 4-Port Switch for Ready Computer Connections

The DVG-5004S/DVG5008S VoIP station gateways present an ideal Internet telephone solution for business use. These gateways convert voice traffic into data packets for transmission over the Internet, combine the industry's latest Voice over the IP network technology with advanced communication features, and are fully compatible with SIP Internet phone services. Designed as cost-efficient devices, they provide convenience and great savings for companies needing to place frequent long-distance and international business calls.

Cost Saving and Investment Protection. The DVG-5004S/DVG5008S gateways provide an easy and inexpensive upgrade to Internet telephony while allowing users to retain their existing telephone and fax equipment. They protect and extend users' past investments in telephones, conference speakerphones and fax machines, as well as to control their migration to IP with a very affordable and incremental investment.

4 or 8 Internet Telephone Connections. The DVG-5004S provides 4 FXS ports, while the DVG-5008S provides 8 FXS ports for simultaneous Internet phone connections. Plug in regular phone sets to these ports, and they instantly become Internet telephones. For businesses with frequent needs for long-distance and international phone calls, these devices provide great cost savings and convenience, while keeping configuration and maintenance to a minimal level.

Guaranteed Voice Quality. These gateways deliver clear voice and reliable phone/fax communication through implementation of internationally recognized standards for voice and data networking. They incorporate 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. The DVG-5004S/DVG5008S support extensive call features, 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. Configuration of individual phone connection is easy using the multi-language Interactive Voice Response (IVR) or the web-based user's interface.

Shared Broadband Internet Connection/Integrated 4-Port Switch. The gateways provide a convenient router function to permit office users to share the Internet broadband line. With 4 integrated Ethernet ports, office computers can readily connect to these gateways and use their built-in NAT/DHCP server functions for automatic logon to the Internet.

DVG-5004S 4-Port Gateway
DVG-5008S 8-Port Gateway
### Technical Specifications

#### Device Interfaces
- 4 FXS RJ-11 ports (DVG-5004S)
- 8 FXS RJ-11 ports (DVG-5008S)
- 1 10/100BASE-TX RJ-45 WAN port
- 4 10/100BASE-TX RJ-45 LAN ports

#### WAN Access Types
- DHCP client
- PPPoE client
- Static IP address
- PPTP
- BigPond Cable (Australia)
- MAC cloning on WAN port

#### Physical & Environmental
- **Power Input**
  - Operating Temperature: Through 100 to 240 VAC, 50/60Hz, 12VDC output
  - Safety: UL
- **Dimensions**
  - DVG-5004S: 202 x 172 x 35 mm
  - DVG-5008S: 302 x 179 x 45 mm
  - Up to 95% non-condensing
- **Weight**
  - DVG-5004S: 430 grams
  - DVG-5008S: 1.2 kg

#### QoS & Telco Features
- **QoS**
  - SIP and RTP always first policy
  - WAN access rate control
  - IP Precedence, DSCP (DiffServ) tagging on SIP and RTP packets
  - LAN port rate limit, hi/low queue control
- **SIP**
  - By port registration
  - By IAD registration
  - Mixed configuration of “By Port” and “By IAD” on the same IAD
  - Outbound Proxy
  - Session timer: update, re-invite
  - E.164 numbering
- **IP**
  - Redundant SIP Proxy support (fail-over by registration)
  - SIP PING (on special version)
  - Support one-way media (SIP 163)
  - Call hold
  - Call waiting
  - Call transfer: attended, unattended
  - Adjusting tone volume (1 to 5)
  - Caller filter accept/deny caller by IP address
  - On machine user-recorded prompt message
  - Adjusting fax tone detection level
  - T.30 fax relay
  - Out-of-band DTMF: RFC2833, SIP INFO

#### Other Features
- **LED Indicators**
  - Phone Book Manager Client
  - Phone Book Manager Server (selected version), up to 200 IAD registrations
  - Phone Book Manager Client

### Physical & Environmental

- **Operating Temperature**
  - 0° to 45°C
- **Storage Temperature**
  - -25° to 75°C
- **Humidity**
  - Up to 95% non-condensing

### Safety
- **UL**

#### D-Link Worldwide Offices

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**DVG-5004S & 5008S**

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