

# D-Link<sup>®</sup>



DVG-6004S & 6008S

## DVG-6008S VoIP Trunk Gateway

### Overview

The DVG6008S VoIP Trunk 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

### Product Pictures



### Key Benefits

- Primary and secondary SIP account
- Flexible setup FXO port group
- IP trunk
- Flexible routing and manipulation
- Data/Voice/Management VLAN
- Voice and FAX all in one
- Caller ID

## Technical Specifications

### Physical Interfaces

- Phone Interface:  
DVG-6004S -4FXO, RJ-11  
DVG-6008S -8FXO, RJ-11
- Ethernet Interface:  
4\* RJ-45 10/100Mbps, RJ-45

### Voice & Fax

- G.711A/U law, G.723.1,  
G.729A/B,G.726,iLBC,AMR
- Comfort Noise Generation(CNG)
- Voice Activity Detection(VAD)
- Echo Cancellation(G.168)
- Adaptive (Dynamic) Jitter Buffer
- Hook Flash
- Programmable Gain Control
- DTMF  
mode: Signal/RFC2833/INBAND

### Configuration by IVR

Inquire LAN port IP \*158#  
Inquire WAN port IP \*159#  
Get IP address \*150\*  
Restart \*111#  
Factory reset \*166\*000000#

### Protocol

- SIP V2.0 (RFC 3261,3262,3264)
- SDP (RFC 2327)
- REFER (RFC 3515)
- RTP/RTCP (RFC 1889,1890)
- STUN (RFC 3489)
- ARP/RARP (RFC 826/903)
- SNTP (RFC 2030)
- DHCP/PPPoE
- TFTP/HTTP/HTTPS
- DNS/DNS SRV (RFC 1706/RFC 2782)
- VLAN 802.1P/802.1Q

### FXO Port

- Busy tone detection
- No current detection
- Voice interrupted detection
- One stage dialing
- Two stage dialing
- Pulse Dialing
- Polarity Reversal
- FAS ( Fake billing correction )
- Programmable DC/AC impedance
- Caller ID(BellcoreType1&2,ETSI,DTMF)

## Technical Specifications

### Call & Route

- Port Group
- IP Trunk
- Primary and Secondary SIP Account
- 32 Inbound/Outbound Routing
- Number Manipulation
- Digitmap

### Network Features

- NAT (Rout and Bridge)
- Static IP, PPPoE, DHCP Client
- DHCP Server
- MAC Address Clone
- DMZ, Static routing
- Built-in Firewall
- Static/dynamic ARP
- QoS, Traffic Shaping
- Voice/Data/Management Vlan

### Environment

- Power Supply:100-240V,50-60Hz
  - 4 FXO output :12VDC, 1A
  - 8 FXO Output :12VDC, 2A
- Power Consumption: 18W
- Temperature(Operation): 0 °C ~ 45 °C
  - (Storage) : -20 °C ~80 °C
- Humidity: 10%-90% No condensation

### Maintain & Upgrade

- SNMP/TR069
- Auto Provisioning
- Web/Telnet
- Configuration Backup/Restore
- Firmware Upgrade via WEB/TFTP
- Syslog and CDR
- Access Rule List
- Network Capture
- Outward Test(GR909)
- Automatic Time Synchronization
- IVR local Maintenance

### Dimension & Weight:

- 240(L)× 154(W)× 37(H)mm 1kg

### Packing Content

- Gateway
- Power Adapter
- Network Cable





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