



DG-104S/SH

DG-104S/SH VoIP Station Gateway provides 4 RJ-11 analog loop-start FXS ports, 1 RJ-45 10/100 Mbps WAN port and 1 RJ-45 10/100 Mbps LAN port, linking traditional telephony networks to IP networks.

## VoIP Station Gateway for SOHO

*The DG-104S/SH VoIP Station Gateway links traditional telephony networks to IP networks, allowing reductions in toll charges and network consolidation. It offers a cost-effective way to leverage existing IP networks and provide alternative long-distance voice/fax services-domestically, regionally and internationally.*

### Connect Data and Voice Network

D-Link VoIP Station Gateway provides a connection path between the POTS (plain old telephone service) lines via global Internet network with conventional telephony equipment such as telephones and fax machines using loop start foreign exchange station (FXS) interfaces. It is a complete solution for connecting existing telephony equipment in homes and small offices to private networks or the public Internet.

### IP Sharing

The Gateway supports Network Address Translator (NAT) protocol, which allows multiple users to access the Internet using a single shared IP address. This can greatly reduce the costs associated with Internet access and provide a degree of security to your Internet connection.

### 4 Voice/Fax over IP Channels

The Gateway comprises 4 voice/fax over IP channels with the female RJ-11 connectors that provide voice/fax communication over the existing IP data network or the Internet.

### Reduce Long Distance Phone Charges

By routing calls over the Internet or any IP network, this gateway can reduce or eliminate long distance inter-office phone charges.

### Reduce Leased Lines

Corporations can also enjoy the benefits of network consolidation and reduction of leased lines by relying on the Internet service providers to deliver quality voice communication over private and public IP networks.

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### Key Features

- 4 Foreign Exchange Subscriber (FXS) POTS ports (RJ-11 Jacks)
- 2 Nway 10/100BASE-TX Fast Ethernet ports
- Voice Activity Detection (VAD) /Comfort Noise Generation (CNG)
- Silence suppression to reduce bandwidth consumption.
- Adaptive jitter buffer for a smooth voice Reception
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## Technical Specifications

## Gateway Series

### Standard

- IEEE 802.3 10BASE-T Ethernet Compliant
- IEEE 802.3u 100BASE-TX Fast Ethernet Compliant

### Analog

- Number of ports: 4(FXS)
- Signal Format: DTMF
- Echo Cancellation: G.165/G.168
- DTMF tone detection/generation

### LED Report

#### Ethernet

- WAN: Speed, Link/Act
- LAN: Speed, Link/Act

#### Phone

- Hook/Ringing

#### General

- Power
- Status

## Physical & Environmental

### Number of Ports

- Two 10/100BASE-Tx Fast Ethernet port (WAN & LAN)
- Four loop-start FXSRJ-11 ports
- One RS-232C, DB-9 Console port

### Power Supply

- AC-to-DC power adapter (provided)
- DC Input: 12VDC / 1A

### Dimensions

220(W) x 167.2(D) x 44.5(H) mm

### Operating Temperature

0 - 50°C

### Storage Temperature

-10 - 70°C

### Humidity

5% - 95% non-condensing

### Emission(EMI)

- FCC class B
- VCCI class B
- BSMI class B
- CE class B
- C-Tick class B

### Safety

- UL/CUL
- CSA

## Ordering Information

DG-104S MGCP VoIP Station Gateway  
DG-104SH H.323 VoIP Station Gateway

## D-Link®

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|----------------------|-----------------------|-----------------------|----------------------|
| <b>U.S.A.</b>        | TEL: 1-949-788-0805   | FAX: 1-949-753-7033   | www.dlink.com        |
| <b>Canada</b>        | TEL: 1-905-8295033    | FAX: 1-905-8295095    | www.dlink.ca         |
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| <b>D-Link Corp.</b>  | TEL: 886-2-2916-1600  | FAX: 886-2-2914-6299  | www.dlink.com.tw     |



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