

DG-104S/SH



VoIP Residential Gateway

- 4 Standard Telephone Ports
- Remote Web Based Management
- Intelligent dialing mode



The DG-104 is a Residential Gateway equipped with four standard phone ports, one WAN Fast Ethernet 10/100BaseTX Port, and one LAN Fast Ethernet 10/100BaseTX Port.



With the integration of both voice and data, the DG-104 offers Small-to-Medium-Size Businesses (SMB) the ability to route data information into one end-to-end network solution. In addition to standard residential gateway data services, end-users are enabled with low-cost long-distance calling, faxing, and a host of advanced services including DG-104-to-Phone, Phone-to-DG-104, and DG-104-to-DG-104.



The DG-104 is compatible with xDSL and Cable-Modem Broadband service providers with built-in support for with DHCP Client, MAC Address Cloning, PPPoE, and multiple auto-provisioning methods.



The DG-104 has been tested with most major VoIP Softswitch vendors' Call Management systems. Devices such as the DG-104 require a Call Management system to function. These services are offered independently of D-Link, but are only required if user would like to use voice features of the DG-104.

For Internet connection sharing in your home the DG-104 offers support for up to 32 IP devices. Services offered to the internal home network are DHCP Server, Network Address Translation(NAT), and IPSEC pass-thru. Because the DG-104 shares your single ISP IP address, it masks the local users' IP addresses from the outside world, preventing intruders and hackers from gaining access to network resources, data files or personal information.

The DG-104 has voice support that includes hardware based Quality of Service (QoS), voice compression (popular voice CODECs G.711-G.729e), echo cancellation, dynamic Latency (jitter) buffers, silence suppression, and comfort noise generation.

The DG-104 features can be remotely configured using the convenient and secure Web-based Interface. For diagnostics features, the DG-104 has management-at-a-glance LEDs on the front panel, and over 100 real-time statistics.

VoIP Residential Gateway

TECHNICAL SPECIFICATIONS

Product Specifications

- 4 Foreign Exchange Subscriber (FXS) POTS ports (RJ-11 Jacks)
- 4 Auto-Negotiating 10/100BASE-TX Fast Ethernet ports (WAN & LAN)
- Voice Activity Detection (VAD) / Adaptive Comfort Noise Generation (CNG)
- Silence Suppression
- Jitter Buffer Parameters and Adaptive Jitter removal
- DHCP Server-Static and Dynamic IP Address
- NAT-Allows Multiple Users to Access the Internet via a Single IP Address
- Command Port for Easy Configuration
- Remote Web Based Management Software-Access over the Internet via a Web Browser
- Phone and Caller ID Functionality
- Quality of Service (QoS)
- Life-Line Support:
 - Automatic fall back to PSTN in case of power failure or network breakdown
 - Intelligent dialing mode (IP/ PSTN Call) alternation
- Call Control Protocols Compliance:
 - MGCP (DG-104S) / H.323 v2 (DG-104SH)
 - Voice Compression
 - G. 711 (A-law and u-law), G.723.1, G.728, G.729ab, G.729e
 - Analog Voice Ports

WAN/LAN
10/100Mbps

LEDs

- Link-Light Display:
When a good link to a powered-up but idle device is detected on a port, this indicator shines steadily. Light Indicator blinks off and on when packets sent and received
- Line Light:
Lights when PSTN line is in use.
- Phone 1 to 4 Light:
Lights when standards phone port is in use

Dimensions

8.8(L) X 5.19(W) X 1.38(H) inches

Number of Ports

- Two 10/100BASE-TX Fast Ethernet Port (WAN & LAN)
- Four Loop-Start FXS RJ-11 Ports
- One RS-232C, DB-9 Console port

Power Supply

- AC-to-DC Power Adapter (Included)
- DC Input: 12VDC/1A

Operating Temperature

0° – 50°C

Storage Temperature

-25° – 55°C

Humidity

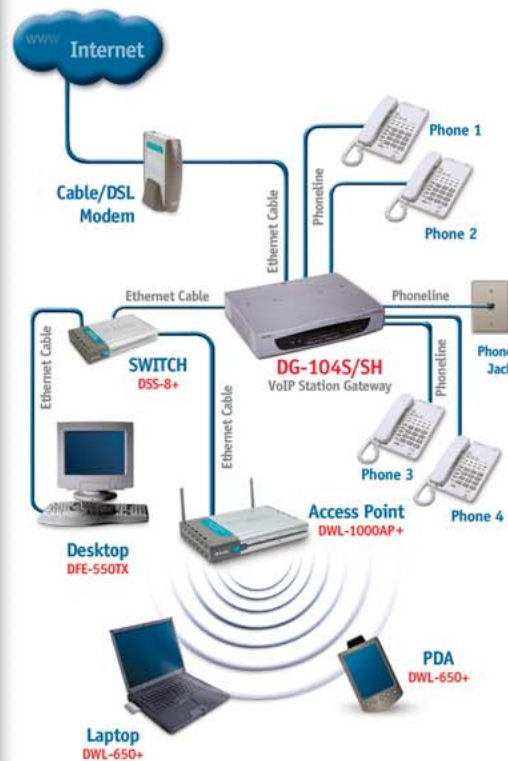
5% – 95% Non-Condensing

Emission(EMI)

- FCC Part 15 Class B
- FCC Part 68
- VCCI Class B
- BSMI Class B
- CE Class B
- C-Tick Class B



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*The DG-104 features
can be remotely configured using
the convenient and secure
Web-based Interface.*



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Price and specifications are subject to changes without notice. See inside package for warranty details.

* 24/7 Tech Support is available only in USA.

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Building Networks for People