

## DG-102S

Thank you for choosing the D-Link DG-102S, the value leader for VoIP products.

The D-Link DG-102S VoIP Station Gateway links traditional telephony networks to IP networks with conventional telephony devices such as analog phones or fax machines. The DG-102S includes two loop start Foreign Exchange Subscriber (FXS) interfaces with normal RJ-11 telephone connectors that provide voice/fax communication over the IP network, and it also provide two 10/100 Mbps dual speed Ethernet ports. One Ethernet port is for a DSL/Cable Modem or other WAN devices, and the other is for connection to create a home or small office LAN networks. The built-in DHCP server/client and Network Address Translation (NAT) function automatically assign IP address for LAN users, allowing multiple users to share a single Internet connection. It can be configured/monitored via the Console, Web browser or Telnet and SNMP management is also supported.

By routing calls over the Internet or any IP network, this gateway can reduce or eliminate long distance or inter-office phone charges. Corporations can also enjoy the benefits of network consolidation and reduction of leased lines by relying on the Internet service providers to deliver toll-quality voice communications over the IP networks.

### Features:

Designed for versatility and performance, the DG-102S VoIP Gateway provides the following features:

- ◆ Two analog loop-start FXS interfaces using female RJ-11 connectors
- ◆ One analog POTS interface for PSTN Life Line
- ◆ One 10/100 WAN port for connecting to a call agent
- ◆ One 10/100 LAN port for connecting to a local network
- ◆ IP address assignment using DHCP (Dynamic Host Configuration Protocol) or static configuration
- ◆ Silence suppression to reduce bandwidth consumption
- ◆ Comfort noise generation for a more natural feel
- ◆ Adaptive jitter buffer for smooth voice reception
- ◆ Lost packet recovery ability for improved voice quality
  
- ◆ Command port for easy configuration
- ◆ Remote software download/update
- ◆ Support IP sharing to allow multiple users to access the Internet via a single IP address
- ◆ Support all normal phone features including call waiting, call forwarding, etc.
- ◆ Support Caller ID
- ◆ Support QoS to guarantee voice quality
- ◆ Life Line support

1. Automatic fall back to PSTN in case of power failure or network breakdown

Intelligent dialing mode (IP/PSTN Call) alternation via configurable hot key (“#” key is the default)

