



2-PORT VOIP TELEPHONE ADAPTER

2 INTERNET PHONE CONNECTIONS

2 FXS ports connect analog phone to Internet to allow you to make inexpensive Internet phone calls

SUPPORTS MANY FEATURES

Support for call transfer, caller ID display, 3-way conference, phone book to make dialing out and answering calls more convenient

TOTAL SECURITY & QoS

Firewall and voice VLAN protection, Priority Queues for smooth voice and streaming multimedia over Internet

INTERNET PHONE MADE FOR HOME & SOHO

The D-Link DVG-2102S 2-port VoIP Telephone Adapter (TA) allows you to take advantage of your DSL/cable modem connection to make inexpensive Internet phone calls. It combines the industry's latest Voice over IP network technology with advanced communication features, and is compatible with industry wise phone service. With 2 FXS phone ports, this VoIP TA connects you to an ordinary phone set to let you make Internet phone calls.

SUPERIOR VOICE QUALITY

The DVG-2102S incorporates Quality of Service (QoS) to ensure that voice received through the Internet is the same as or even surpasses that received on the ordinary phone. It supports many useful functions such as call transfer, caller ID display, 3-way conference, phone book, speed dialing and hot lines to make it convenient to dial out or answer phone calls.

COMPLETE SECURITY

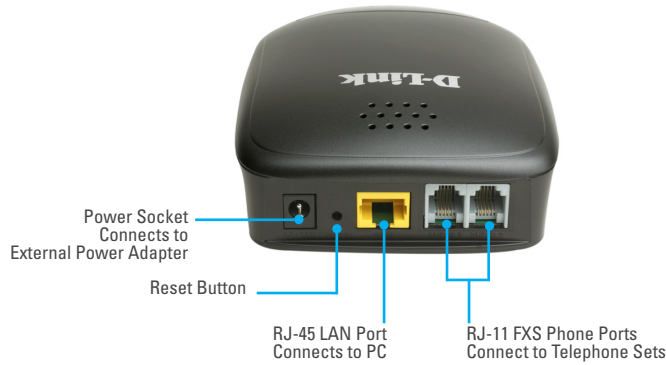
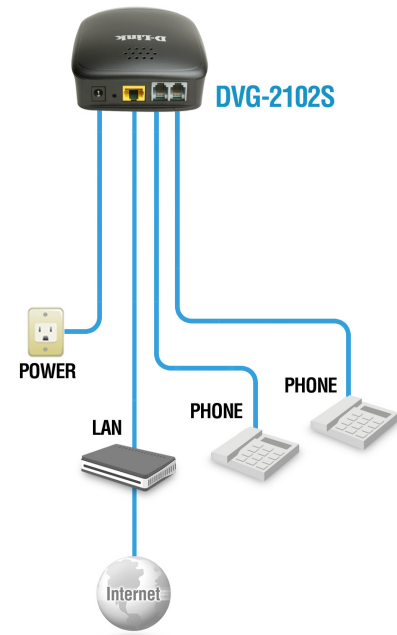
The DVG-2102S supports voice VLAN to isolate your voice communication so it cannot be tapped over the network. It also provides various types of DOS protection in an attempt to make computer resources unavailable to its intended users.

WHAT THIS PRODUCT DOES

Connect the DVG-2102S to up to two ordinary phone sets and make phone calls anywhere in the world using the Internet. This VoIP TA lets two people make Internet phone calls at the same time. Furthermore, it provides convenient Interactive Voice Response functions. Users are able to get query and setup the device with a phone set without turning on the PC.

CLEAR, SMOOTH VOICE OVER THE INTERNET

This VoIP TA lets you allocate network resources while guaranteeing Quality of Service (QoS). Network bandwidth management delivers smooth and clear voice communication over the Internet while increasing productivity and efficiency by tailoring your system to specific demands such as time-sensitive VoIP and multimedia applications.



TECHNICAL SPECIFICATIONS

DEVICE INTERFACES

- + 2 RJ-11 FXS phone ports
- + 1 RJ-45 10/100BASE-TX LAN port with auto-MDI/MDIX

GENERAL FEATURES

- + 3-way call conference (local mixer)
- + Call-parking
- + Call Back on Busy
- + Digit Map
- + Direct IP-to-IP Call without SIP Proxy
- + Echo cancellation (Echo tail 64ms)
- + Hot Line and Warm line calling
- + Includes a phone book with speed dial
- + Music on hold
- + MWI
- + Multi SIP Account (up to 3 proxy)
- + Need to support IP-IP call (P2P: RTP connection) without proxy (ex. phone book)
- + VMWI-Via FSK

CALL FEATURES

- + Anonymous Call Blocking
- + Call Block and Filter
- + Call Forwarding - Always
- + Call Forwarding - Busy
- + Call Forwarding - No Answer
- + Call Forwarding - Follow Me
- + Call Forwarding - Unconditional
- + Call Forwarding - Unavailable
- + Call History (Call status)
- + Call Hold
- + Caller ID (Proxy support)
- + Caller ID blocking
- + Call Pick Up
- + Call Return
- + Call Transfer (Proxy support)
- + Call Time
- + Call Park & retrieve
- + Call Waiting
- + Do Not Disturb

TELEPHONY FEATURES

- + 1 Codec: G711u/A-law, G729A/B/AB, G.723(6.3/5.3 kbps), G.726(40)
- + Echo cancellation
- + Voice Activity Detection (VAD) for G.711/723/729
- + Comfort Noise Generation (CNG) for G.711/723/729
- + Out of Band DTMF event
- + Gain Control (incoming/outgoing)
- + Automatic voice/fax/data detection and switching up to 33.6Kbps
- + Echo Canceller
- + Adaptive Jitter Buffer
- + G3/Super G3 T.38 up to 14.4 kbps
- + DTMF detection and generation
- + Caller ID detection and generation: Bellcore type1 and 2, ETSI type 1 and 2
- + Caller ID detection mode: DTMF + FSK auto detection at same time
- + Tone / Multi tone detection: 300-2KHz
- + T.38 real time FAX/T.30 FAX bypass through G.711
- + CPT: 1 continuous cadence steps, 16sets (Optional)
- + FXS support 12/16 Khz (Optional)
- + Terminating Impedance Agnostic - 8 Settings

MANAGEMENT

- + Automatic Provisioning (Firmware Update / TR-069/104(Optional))
- + (SNMP v2 and standard provisioning functions removed when this option is selected)
- + Configuration Backup/Restore
- + DHCP / PPPoE / Static / PPTP / L2TP / MAC Clone on WAN
- + DNS and Dynamic DNS
- + Firmware upgrade through Web interface

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- + Flat Call Detail Record (CDR)
- + WAN IP and Net Mask Specification
- + Network Time Protocol time synchronization and configurable time zone
- + Password Security (WebUI)
- + SNMP v2
- + System event
- + Syslog
- + TFTP/FTP/HTTP Client and TFTP repository maintenance

ACCOUNT MANAGEMENT

- + By port registration
- + By device registration (share account)
- + Mixed mode (Hunt number for inbound, by port number for outbound)
- + Invite with Challenge
- + Register by SIP Server IP Address or Domain Name
- + Support RFC3986 SIP URI format

DIAGNOSTIC LEDs

- + Power
- + Phone (x2)
- + WAN

QoS

- + TOS
- + 802.1P Priority Queues (8 queues)
- + Diffserv (DSCP)

VLAN

- + VLAN Tagging in voice

DIMENSIONS

- 135 x 96 x 40 mm

WEIGHT

- 160 grams

POWER REQUIREMENT

- 12VDC 1A

POWER INPUT

- 100-240Vac, 50/60Hz, 1A,

POWER CONSUMPTION

- + 4.8W

OPERATING TEMPERATURE

- 0° to 45°C (32° to 113° F)

STORAGE TEMPERATURE

- 20° to 65°C (-4° to 149° F)

OPERATING HUMIDITY

- 10% to 90% non-condensing

STORAGE HUMIDITY

- 5% to 95% non-condensing

EMISSION (EMI CERTIFICATIONS)

- + FCC Class B
- + CE

TELECOM CERTIFICATIONS

- + FCC Class B
- + CE

MTBF

- + 115486 Hrs



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