2-PORT VOIP TELEPHONE ADAPTER

2 INTERNET PHONE CONNECTIONS
1 FXS port connects analog phone to Internet, 1 FXO port connects digital voice to analog phone line

SURF INTERNET WHILE MAKING INTERNET PHONE CALLS
Integrated router allows a PC or group of home/office users to logon to the Internet

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-7111S 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 an FSX phone port, this VoIP TA connects you to an ordinary phone set to let you make Internet phone calls. An FXO port allows you to convert digital voice from an IP network or the Internet to the ordinary analog voice and send it out to a PSTN phone line for reception by analog phone users.

SUPERIOR VOICE QUALITY

The DVG-7111S 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.

SHARE INTERNET ACCESS

The DVG-7111S integrates a router function into the same box, so you can surf web pages, watch video or play on-line games while making Internet phone calls. You do this by connecting your PC to the LAN of this VoIP TA, or by connecting multiple computers to this LAN port through an Ethernet switch. This device provides priority queues to streamline traffic to let you experience superior video and on-line games.
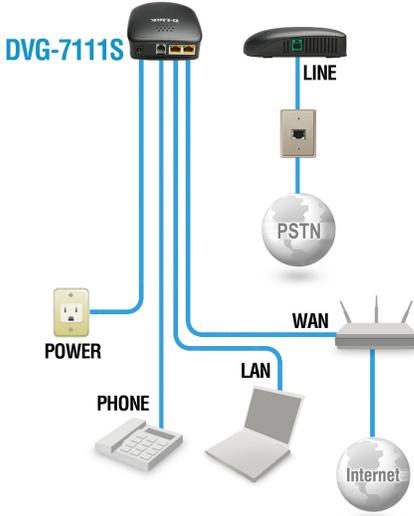
COMPLETE SECURITY

The DVG-7111S supports voice VLAN to isolate your voice communication so it cannot be tapped over the network. It provides NAT firewall to protect your network from Internet intruders. For access control, it filters users' packets with port-based and IP-based filters. Parental control allows you to block undesired web sites and set time schedule for Internet logins.

BROADBAND

DVG-7111S

DVG-7111S

WHAT THIS PRODUCT DOES

Connect the DVG-7111S to an ordinary phone set 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. It provides a LAN port, so a PC or multiple computers can logon to the Internet while you're talking over the phone. This built -in router function allows you to enjoy phone service and Internet sharing from a single box.

CLEAR, SMOOTH VOICE OVER THE INTERNET

This VoIP TA let 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.

RJ-45 LAN Port Connects to PC

RJ-11 FXO Phone Port Connects to Phone Line

Power Socket Connects to External Power Adapter

RJ-11 FXS Phone Port Connects to Telephone Set

RJ-45 WAN Port Connects to Router

DVG-7111S

LINE

PSTN

WAN

POWER

LAN

PHONE

Internet

TECHNICAL SPECIFICATIONS

DEVICE INTERFACES
+ 1 RJ-11 FXS phone port
+ 1 RJ-11 FXO phone port
+ 1 RJ-45 10/100BASE-TX WAN port with auto-MDI/MDIX
+ 1 RJ-45 10/100BASE-TX LAN port with auto-MDI/MDIX

GENERAL FEATURES
+ Voice Features
+ G.711 a/µ-law, G.723.1, G.726, G.729A/B
+ DTMF Detection and Generation
+ Silence Suppression & Detection
+ Comfort Noise Generation (CNG)
+ Voice Activity Detection (VAD)
+ Echo Cancellation (G.165/G.168)
+ Adaptive (Dynamic) Jitter Buffer
+ Call Progress Tone Generation
+ Auto or Programmable Gain Control
+ Inbuilt Local Mixer
+ IVR
+ SNMP (Optional)
+ TR-069 /104 (Optional)

CALL FEATURES
+ Peer to Peer Call
+ Call Hold / Retrieve
+ Call Waiting
+ Call Pick Up
+ Call Park / Retrieve (SIP Server Required)
+ Call Forward - unconditional, busy, no answer
+ Call Transfer - attended, unattended
+ Do Not Disturb
+ Speed Dialing
+ Repeat Dialing
+ Three-way Calling
+ MWI (RFC-3842)
+ Hot Line and Warm Line

TELEPHONY FEATURES
+ In-Band DTMF, Out-of-Band DTMF Relay (RFC2833 or SIP INFO)
+ DTMF / PULSE Dial Support
+ Caller ID Generation / Detection: DTMF
+ FSK-Bellcore Type 1 & 2
+ FSK-ETSI Type 1 & 2
+ FSK: Calling Name, Number, Date and Time, vMWI
+ Polarity Reversal Detection (FXO) and Generation (FXS)
+ T.30 FAX Bypass to G.711, T.38 Real Time FAX Relay
+ Failsafe mechanism: Network, Service, Power Failure
+ (FXS relay to FXO)
+ Recordable Greeting Message (FXO)
+ Emergency Number Table (FXO)
+ Modem over IP Up to V.34
+ PSTN Call Tone Detection (FXO) and Generation (FXS)
+ ROH Tone (Receiver Off-Hook Tone @ 480 Hz)
+ Loop Current Suppression

CALL MANAGEMENT
+ Support Outbound Proxy
+ Register up to three SIP servers
+ SIP Registration Failover Mechanism
+ Group Hunting
+ Privacy Mechanism / Private Extensions to SIP
+ Session Timers (Update / Re-invite)
+ DNS SRV Support
+ Call Types: Voice / Modem / FAX
+ Call Routing by Prefix Number
+ User Programmable Dial Plan Support
+ Toll-Free Support (FXO)
+ Automatic Calling Number Manipulation (VoIP & FXO)
+ CDR Client

+ Phone Book Manager Client
+ Manual Peer Table (for P2P calls)
+ E.164 Numbering, ENUM support
+ Symmetric RTP

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
+ Register
+ Line
+ Phone
+ WAN
+ LAN

QoS
+ TOS
+ 802.1P Priority Queues (8 queues)
+ Diffserv (DSCP)
+ Bandwidth control on WAN port

VLAN
+ VLAN Tagging in voice and data packets

DIMENSIONS
135 x 96 x 40 mm

WEIGHT
160 grams

POWER REQUIREMENT
12VDC 1.5A

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

MTBH
+ 115486 Hrs

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