D-Link®

DUAL-MODE CORDLESS IP/DECT PHONE

EASILY MAKE PHONE CALLS WORLDWIDE
Call virtually anywhere through the Internet. SIP VoIP protocol support ensures worldwide compatibility.

SUPERIOR SOUND
DECT cordless technology, Echo Cancellation,CNG, VAD and Dynamic Jitter Buffer features for excellent sound quality.

DUAL-MODE PHONE
Make and receive phone calls using the ordinary phone service or through the Internet, from the same handset.

INTERNET OR TRADITIONAL PSTN PHONE FROM THE SAME CORDLESS HANDSET

The DPH-300S is a dual-mode IP phone that provides IP telephony and traditional phone connection in a single handset. It allows you to take advantage of your DSL/cable modem connection to make inexpensive Internet phone calls. This cordless phone operates in two modes: it is a normal DECT cordless phone when you connect it to an ordinary PSTN connection, and it is an IP phone when you connect it to the Internet through broadband. Because the DPH-300S has embedded VoIP functionality, you don't need to use your computer and microphone to make IP calls - unlike PC-based softphones such as Skype.

RELIABLE CONNECTION & CLEAR VOICE

The DPH-300S delivers superior call quality with features that include voice activity detection (VAD), comfort noise generation (CNG), silence suppression, echo cancellation, adaptive jitter buffer, and lost packet recovery. It combines the industry's latest Voice over the IP network technology with advanced communication features, and is compatible with industry-wise phone service.

SURF INTERNET WHILE MAKING INTERNET PHONE CALLS

The DPH-300S provides an Ethernet WAN port to connect to a DSL modem, cable modem, or to your broadband router. Once connected and logged on to the Internet, you are ready to make and receive calls. In addition, it provides an extra LAN port for connection to your PC's Ethernet interface. This allows you to talk on the IP Telephone while browsing web sites, send e-mail, transfer files and do other network tasks.

QUALITY OF SERVICE AND SECURITY

The DPH-300S supports voice VLAN to isolate your voice communication so it cannot be tapped over the network. It provides priority queues to streamline traffic so web browsing and Internet download will not interfere with voice traffic and degrade Internet phone quality.

BROADBAND

DPH-300S

WHAT THIS PRODUCT DOES

Connect the DPH-300S Dual-Mode Cordless IP/ DECT Phone to your DSL/cable modem or router, and you can make phone calls anywhere in the world using the Internet. This phone gives you the advantages of VoIP, while retaining the same look and feel of a traditional advanced desktop telephone. It also provides a LAN port, so your PC can logon to the Internet while you're talking over the phone. By pressing a button on the handset, you can also make and receive normal landline and mobile phone calls would without going through the Internet.

CLEAR, SMOOTH VOICE OVER THE INTERNET

This IP Phone allocates network resources while guaranteeing Quality of Service (QoS). Network bandwidth management delivers smooth and clear voice communication over the Internet, while increasing your productivity and efficiency by tailoring your Internet connection to time-sensitive VoIP applications. DECT cordless connection gives you perfectly clear voice at greater distance from the phone desktop base unit.

KEY FEATURES

+ Dual-mode operation: IP Internet or ordinary analog PSTN phone
+ Handset DECT digital cordless connection from base unit
+ Connects to Internet through router or directly to DSL/cable modem
+ Easy-to-use setup/programming interface
+ Large LCD Display
+ Volume Control for Ringer, Handset and Speaker
+ Second connection to PC
+ IP address assignment using PPPoE, DHCP or static configuration

TECHNICAL SPECIFICATIONS

GENERAL FUNCTIONS
+ WAN connection: through 10/100BASE-TX Ethernet port
+ Dialing via Ethernet port
+ LAN (PC) connection: through 10/100BASE-TX Ethernet port
+ PSTN connection: through RJ-11 phone port
+ Dialing via PSTN to standard telephone numbers
+ Voice Activity Detection (VAD) /Comfort Noise Generation (CNG)
+ Configurable comfort noise insertion and handset echo cancellation
+ Audio Compression: G.711, G.726, G.729, iLBC
+ PPPoE, Static IP, DHCP Client support
+ Supports TCP/IP, UDP, RTP and RTCP
+ Lost packet recovery ability for improved voice quality
+ Adjustable speaker / ringer volume control
+ Dialing by last 10 calls
+ Call Log (Missed, Received, Dialed)
+ 3-way conference and attending/blind call transfer

HARDWARE DECT FUNCTIONS
+ Frequency: 1880 to 1900 MHZ
+ 10 RF channels
+ GAP (Generic Access Profile) Compatible
+ Can register up to 5 handsets
+ Outdoor range: 300 meters
+ Indoor range: 50 meters
+ Handset standby time: 150 hours
+ Handset talk time: 10 hours
+ Handset caller ID function: FSK, DTMF
+ Handset phonebook memory: 50 locations
+ Intercom
+ Call transfer of external calls (when using two or more handsets)
+ Ringer melody selection: 9 different melodies
+ Ringer volume adjustment: 9 levels
+ Handset earpiece volume setting: 9 levels
+ Delete single or all records in phonebook
+ Redialing and preparation dialing functions
+ Page on base unit to look for the handset easily
+ Clicking key tone ON or OFF
+ Speakerphone
+ Hand-free dialing

SOFTWARE FUNCTIONS
+ Dialing via PSTN to standard telephone numbers
+ Dialing via Ethernet port
+ Voice Activity Detection (VAD) /Comfort Noise Generation (CNG)
+ Configurable comfort noise insertion and handset echo cancellation (G.168)
+ Audio Compression: G.711, G.726, G.729, iLBC
+ VoIP NAT traversal Support by SIP/STUN
+ PPPoE, Static IP, DHCP Client support
+ Support TCP/IP, UDP, RTP and RTCP
+ Lost packet recovery ability for improved voice quality
+ Adjustable speaker/ringer volume control
+ Call Control Protocol in SIP
+ HTTP 1.0 (RFC 1945) Embedded web server
+ Auto-Provisioning mechanism via automated centralized configuration file
+ Configuration Restore/Backup
+ TELNET support
+ TFTP client for providing firmware upgrade and configuration file download
+ SIP Authentication with password encryption (eg.MD5) and HTTP Digest Authentication

POWER INPUT
AC 9V/1A, through external power adapter

OPERATION TEMPERATURE
0 to 40°C

STORAGE TEMPERATURE
-10 to 55°C

HUMIDITY
5 to 95% non-condensing

EMI CERTIFICATION
UL/CUL

EMC CERTIFICATION
+ FCC Class B
+ BSMI Class B
+ CE Class B

BROADBAND