



## **BROADBAND INTERNET IP PHONE**

### **MAKE WORLDWIDE PHONE CALLS**

Call virtually anywhere through the Internet. Easy installation and configuration through web-based GUI

### **SUPERIOR SOUND**

Speakerphone IP phone with Echo Cancellation, CNG, VAD and Dynamic Jitter Buffer features for excellent sound quality

### **COMPLETE PHONE FEATURES**

Extensive phone functions: Call Transfer, Forward and Hold, 3-Way Conference, Speed Dial/Phone Book, Caller ID Display, large LCD screen



### **INTERNET PHONE MADE FOR HOME & OFFICE**

The DPH-150S Broadband Internet IP Phone 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 the IP network (VoIP) technology with advanced communication features, and is compatible with industry-wide phone services. This sleek designed IP phone gives you the advantages of VoIP, while retaining the same look and feel of a traditional desktop telephone.

### **SUPERIOR VOICE QUALITY**

The DPH-150S IP phone 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 and speed dialing to make it convenient to dial out or answer phone calls.

### **SURF INTERNET WHILE MAKING INTERNET PHONE CALLS**

The DPH-150S comes with two Ethernet ports, one to connect to a DSL or cable modem, or to your broadband router. Once connected and logged onto the Internet, you are ready to make and receive calls. In addition, this IP phone provides another Ethernet port for connection to your PC, so you can talk on the IP telephone while browsing web sites, send e-mail, transfer files and do other network tasks on your PC.

### **QUALITY OF SERVICE AND SECURITY**

The DPH-150S 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.

#### WHAT THIS PRODUCT DOES

Connect the DPH-150S Broadband Internet IP Phone to your DSL/cable modem or router, and you can make phone calls anywhere in the world using the Internet. This IP phone gives you the advantages of VoIP, while retaining the same look and feel of a traditional advanced desktop telephone. It also provides two Ethernet ports with NAT and DHCP server support, so you can log your PC onto the Internet and surf the web while talking over your Internet phone.

#### 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.

- + Connects to Internet through router or directly to DSL/cable modem
- + Easy-to-use setup/programming interface
- + Large LCD for phone book and caller ID display
- + Sleek designed desktop speakerphone with full-feature keypad, phone book, speed-dial, volume control, and ring tone selections
- + Second connection to PC
- + IP address assignment using PPPoE, DHCP or static configuration

#### TECHNICAL SPECIFICATIONS

##### NETWORK INTERFACE

- + 2 RJ-45 Ethernet ports: 1 RJ-45 port for connecting to a DSL/cable modem, remote router or Ethernet/Gigabit switch, 1 RJ-45 port for connecting to a PC

##### SIGNAL, MEDIA & NETWORK PROTOCOLS

- + SIP RFC 3261
- + SDP RFC 3266
- + RTP RFC 1889
- + IP assignment: DHCP, Static IP and PPPoE
- + STUN, UPnP & static port mapping
- + SNTP
- + DNS & DNS SRV
- + TFTP/FTP/HTTP
- + IP/TCP/UDP/ARP/ICMP

##### VOICE CODEC

- + G.711a/u (64 kbps)
- + G.729A/B (8 kbps)
- + G.723.1 (optional)

##### ADVANCE VOICE QUALITY FEATURES

- + Silence Suppression
- + Acoustic Echo Cancellation (G.167)
- + Voice Activation Detection (VAD)
- + Comfort Noise Generation
- + Jitter Buffer
- + DTMF Transmitter (SIP info, Transparent, RTP 2833 relay)
- + Packet Loss Concealment (PLC)

##### KEYPAD FEATURES

- + Menu
- + Phonebook
- + 4 Navigator keys for navigating in configuration; volume adjustment for ringer, speakerphone and handset
- + MWI
- + Conference
- + Mute
- + Function (stays with mute; integrated with numeric keys for configuration and information)
- + Transfer
- + Redial
- + Hold
- + Speaker
- + 12 Numeric keys (including star and pound keys)

##### ADVANCED PHONE FEATURES

- + Multi-user (4 SIP accounts)
- + Caller ID display
- + Call history: logs 20 missed calls, 20 received calls, and 20 dialed calls
- + Phonebook: stores up to 200 contact names and phone numbers
- + Day/Time display
- + Call timer display
- + 8 Selective ring tones (4 tones, 4 melodies)
- + 10 Speed dial numbers
- + Incoming call indicator

- + Password control for configuration
- + Pre-dial before sending
- + P2P Architecture

##### CALL FEATURES

- + Call hold
- + Call mute
- + Call transfer: blind, attend & early attended transfer
- + Call forward: busy, no answer, unconditional
- + Call waiting
- + Call waiting indication
- + Three-way conference
- + Anonymous call/rejection
- + Message waiting indication
- + Do not disturb
- + Auto answer

##### NETWORK CAPABILITY

- + QoS: IEEE 802.1Q & IEEE 802.1p compliant
- + DiffServ (DSCP)/ToS
- + Full range VLAN ID support
- + Class of service support by VLAN Tag

##### USER INTERFACE & NETWORK MANAGEMENT

- + LCD/Keypad UI in English & Japanese version
- + HTTP (WEB) UI in English version
- + FTP/TFTP/HTTP for firmware remote update
- + APS auto-provisioning for firmware and profile upgrade
- + Emergency upgrade if firmware is corrupted

##### INPUT POWER

100~120, 220~240VAC through external power adapter

##### OUTPUT POWER

DC 5V/1200mA

##### DIMENSIONS

196 x 198 x 100 mm

##### WEIGHT

760g

##### OPERATING TEMPERATURE

0° to 40°C

##### STORAGE TEMPERATURE

-20° to 60°C

##### OPERATING HUMIDITY

20% to 80% non-condensin

##### STORAGE HUMIDITY

15% to 85% non-condensing

##### CERTIFICATION

- + CE class B
- + FCC class B
- + RoHS compliance

#### D-Link Worldwide Offices

U.S.A	TEL: 1-800-326-1688	FAX: 1-866-743-4905	Spain	TEL: 34 93 409 0770	FAX: 34 93 491 0795	Iran	TEL: 90-212-289-5659	FAX: 90-212-289-7606
Canada	TEL: 1-905-8295033	FAX: 1-905-8295223	Portugal	TEL: 351 21 8688493	FAX: 351 21 8622492	Pakistan	TEL: 92-21-454-8158	FAX: 92-21-453-5103
Europe (U. K.)	TEL: 44-20-8955-9000	FAX: 44-20-8955-9001	Greece	TEL: 30 210 9914 512	FAX: 30 210 9916902	Israel	TEL: 972-9-9715700	FAX: 972-9-9715601
Germany	TEL: 49-6196-77990	FAX: 49-6196-7799300	Czech Republic	TEL: 420 224 247 500	FAX: 420 224 234 967	Latin America	TEL: 56-2-5838-950	FAX: 56-2-5838953
France	TEL: 33 1 30 23 86 88	FAX: 33 1 30 23 86 89	Hungary	TEL: 36 (0)1 461 30 00	FAX: 36 (0)1 461 30 04	Brazil	TEL: 55-11-2185-3300	FAX: 55-11-2185-3322
Netherlands	TEL: 31-10-282-1445	FAX: 31-10-282-1331	Poland	TEL: 48 (0)22 583 92 75	FAX: 48 (0)22 583 92 76	South Africa	TEL: 27-12-665-2165	FAX: 27-12-665-2186
Belgium & Luxembourg	TEL: 32 (0)2 517 7111	FAX: 32 (0)2 517 6500	Bulgaria	TEL: 359 2 958 22 42	FAX: 359 2 958 65 57	Russia	TEL: 7-495-744-0099	FAX: 7-495-744-0095
Switzerland	TEL: 41 (0)1 832 11 00	FAX: 41 (0)1 832 11 01	Romania	TEL: 40(0)21 320 23 05	FAX: 40(0)21 320 23 07	Japan	TEL: 81-3-5781-0963	FAX: 81-3-5781-0965
Austria	TEL: 43 (0)1 240 27 270	FAX: 43 (0)1 240 27 271	Singapore	TEL: 65-6774-6233	FAX: 65-6774-63225	Korea	TEL: 82-2-890-5491	FAX: 82-2-890-549
Sweden	TEL: 46 (0)8 564 619 00	FAX: 46 (0)8 564 619 01	Australia	TEL: 61-2-8899-1800	FAX: 61-2-8899-1868	China	TEL: 86-10-58635800	FAX: 86-10-58635799
Denmark	TEL: 45-43-969040	FAX: 45-43-424347	India	TEL: 91-22-2652 6696	FAX: 91-22-2652 8914	Taiwan	TEL: 886-2-6600-0123	FAX: 886-2-6600-3939
Norway	TEL: 47 99 300 100	FAX: 47 22 30 90 85	Middle East (Dubai)	TEL: 971-4-391-6480	FAX: 971-4-390-8881	Headquarters	TEL: 886-2-6600-0123	FAX: 886-2-6600-9898
Finland	TEL: 358-10-309 8840	FAX: 358-10-309 8841	Egypt	TEL: 202-291-9035	FAX: 202-291-9051			
Italy	TEL: 39-02-2900-0676	FAX: 39-02-2900-1723	Turkey	TEL: 90-212-289-5659	FAX: 90-212-289-7606			