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 ,PLC and Dynamic Jitter Buffer feature for HD voice quality

COMPLETE PHONE FEATURES

Extensive phone functions: Call Transfer, Forward and Hold,3-way conference,Speed Dial/phone Book,Call ID

INTERNET PHONE MADE FOR HOME & OFFICE

The DPH-150SE 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-150SE 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-150SE 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-150SE supports voice VLAN and data VLAN to isolate your voice communication so it cannot be tapped over the network. It provides   Class of Service Support by VLAN Tag to streamline traffic so web browsing and Internet download will not interfere with voice traffic and degrade Internet phone quality.

BROADBAND

DPH-150SE

DPH-150SE

WHAT THIS PRODUCT DOES

Connect the DPH-150SE 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 SPECIFICATION

NETWORK INTERFACE
+ One RJ-45 port can connect to DSL/cable modem, remote router or Ethernet /Gigabit switch or POE Switch , the other RJ-45 port can connect to a PC

SIGNAL, MEDIA & NETWORK PROTOCOLS
+ SIP RFC 3261 & the related RFC standard in Appendix A
+ SDP RFC 2327
+ RTP RFC 1889
+ IP assignment: Static IP, DHCP and PPPoE
+ STUN, static port mapping (for NAT traversal)
+ SNTP
+ DNS & DNS SRV
+ TFTP/FTP/HTTP for Auto Provision
+ IP/TCP/UDP/ARP/ICMP

VOICE CODEC
+ G.711a/u (64 kbps)
+ G.729A/B (8kbp)
+ G.723.1 (high/low)
+ G.726-32
+ G.722

ADVANCED VOICE QUALITY FEATURES
+ Silence Suppression
+ Acoustic Echo Cancellation (G.168):Hands-free can support 96ms
+ Voice Active Detection (VAD)
+ Comfort Noise Generation
+ Jitter Buffer
+ DTMF Transmitter (SIP info, Transparent, RFC 2833)
+ Packet Lost Concealment (PLC)
+ Support HD voice

KEYPAD
+ Menu
+ 4 Soft keys for doing more functions
+ Phone Book
+ History
+ 4 Navigator Keys for navigating in configuration; volume adjustment of Ringer, Speaker phone & Handset
+ MWI
+ Headset
 + Mute

+ Redial (Redial and the entry to access call history; finish dialing and call the number)
+ Speaker
+ Line 1 / Line 2
+12 numeric keys with star & pound key
+ Vol + / Vol -

CALL FEATURES
+ Call Hold Resume
+ Call Forward (Busy, No answer, Unconditional)
+ Call Transfer (Blind, Attend & Early Attended Transfer)
+ Call Waiting
+ Call waiting Indication
+ Three Way Conference
+ Anonymous Call/Rejection
+ Message Waiting Indication
+ Do Not Disturb
+ Auto Answer
+ Black list
+ Limit list
+ Auto hangup
+ Ban outgoing
+ hotline
+ BLF/Presence
+ Intercom
+ Call Pickup
+ Action url/ active uri

SPEAKER PHONE
Built-in Speaker

REMOTE FIRMWARE UPGRADE
+ FTP/TFTP/HTTP for Firmware remote update
+ APS auto-provisioning for firmware and profile upgrade

USER INTERFACE/NETWORK MANAGEMENT
+ LCD/Keypad UI in English & other Languages
+ HTTP(WEB) UI in English version & other Languages

QoS
+ QoS: IEEE 802.1Q & IEEE 802.1p Compliant
+ Diffserv (DSCP)/ToS

SECURITY/ CLASS OF SERVICE
+ 802.1Q VLAN Tag)
+ Full range VLAN ID Support(voice vlan/data vlan)
+ Class of Service Support by VLAN Tag
+ LLDP
+ L2TP VPN/ OpenVpn

PHONE FEATURES
+ Multi-user (2 SIP accounts)
+ Caller ID display
+ Call History: 100 Missed Calls, 100 Received Calls, 100 Dialed Calls
+ Phone book (up to 500 contact names and phone numbers)
+ Day/Time display
+ 12 Selective Ring tones (9 tones & 3 melodies)
+ 9 Speed dial number
+ Incoming call indicator
+ Flexible dial map
+ Password control for Configuration
+ Pre-dial before sending
+ Memo
+ Connect with expansion module
+ MWI
+ SMS
+ Keypad lock
+ Emergency call

INPUT POWER
100~120, 220~240VAC

OUTPUT POWER
5V 1A DC

POWER CONSUMPTION
+ Typical: 1.5 Watt (Standby)
+ Max: 1.8 Watt (Talking)

DIMENSIONS
195 x 188 x 51 mm

OPERATING TEMPERATURE
0° to 40° C

STORAGE TEMPERATURE
-20° to 60° C

OPERATING HUMIDITY
10% to 65% non-condensing

STORAGE HUMIDITY
15% to 85% non-condensing