

Voice Communication for Free

► InterPhone

Intelligent IP Key Phone and Mini-Hub



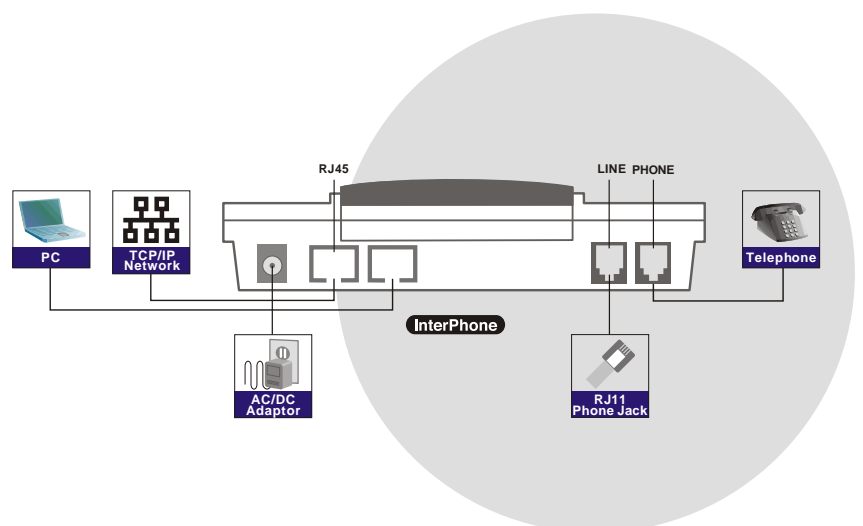
InterPhone is **The** Ideal IP Phone **For All !**



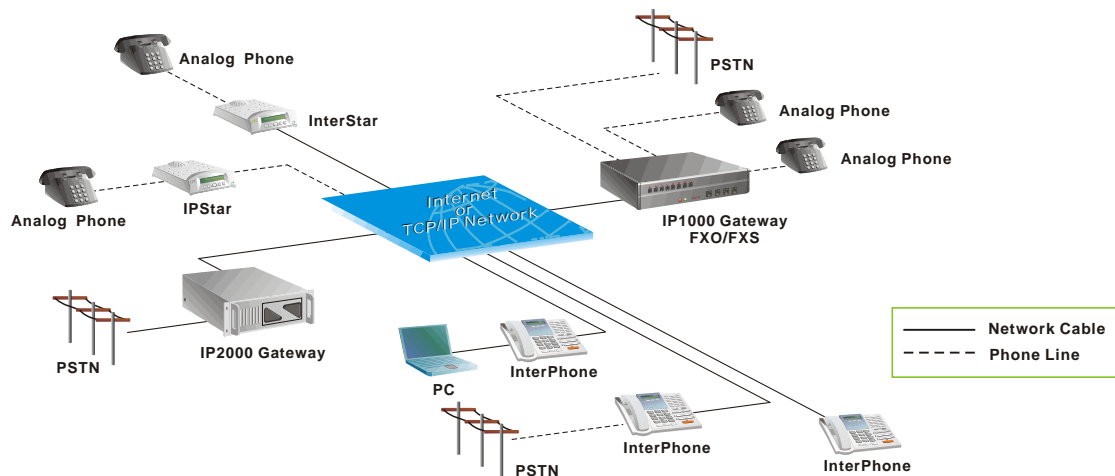
Functional Description

InterPhone is an intelligent Ethernet phone combining VoIP, digital phone, and mini-hub functions. InterPhone is in essence a migration to IP telephony with the coexistence of circuit switched networks. The dual Ethernet/PSTN interface enables users to receive calls simultaneously from both the Internet and PSTN lines. InterPhone's built-in mini-hub relays the network to other nodes such as PC.

As a full-featured IP key phone, InterPhone logically is equipped with speed-dial, speaker-phone, auto-answer, mute, redial, hold function and much more. There is a LCD display providing users with friendly snapshots of setup guidance, connection quality, calling party identification and conversation status. Additional notable features include automatic on-line software upgrades and an optional built-in digital answering machine.



Connections



Connection Modes

Essentially a single-port VoIP gateway, InterPhone is beautifully designed to provide connection in all modes. You can initiate or receive a call to or from a regular telephone or any DSG VoIP products such as IPStar, InterStar, IP1000 and more. The connection modes of InterPhone include InterPhone-to-DSG Device, DSG Device-to-InterPhone, InterPhone-to-Phone, and Phone-to-InterPhone.

Features

Clear Voice Quality

InterPhone's state-of-the-art voice compression technology is fully industry standard compliant. Incorporated with advanced echo cancellation algorithm and ultra-low latency jitter control, InterPhone delivers the best voice quality.

Dual-Interface for Ethernet/PSTN

InterPhone provides two operation modes: I-PHONE Mode for making direct Internet calls and PSTN Mode for making regular phone calls.

Mini-Hub Function

InterPhone gives you an extension of a network environment with its built-in mini-hub. Ethernet connection can be extended through your InterPhone.

Convergence of Voice and Data

InterPhone works seamlessly over the Ethernet from any Leased Lines, xDSL and Cable Modem. Using InterPhone immediately gives your TCP/IP networks the capability to transmit both data and voice.

On-Line Software Upgrade

InterPhone is constantly improving. New functions of InterPhone are available for download via the Internet, free!

Specifications

Dimensions	242mmx208mmx74mm (9.5"x8.2"x2.9")
Weight	Approximately 1.5 kg (3.21 Lbs)
Power	DC 12V 1A
Temperature	0~50°C (32~122°F)
Humidity	10% to 90% non-condensing
Internal RAM	2 M bytes
Flash Memory	1 M bytes
LCD Display	20x2 LCD display
Telephone Interface	Two RJ11 jacks to line and phone
Voice Compression	G.711, G.723.1, G.729
Network Protocol	TCP/IP, UDP, DHCP, BootP, Telnet
Network Interface	Two RJ45 jacks to LAN and PC
Button Features	9 functional & 21 programmable buttons with LED
Optional Protocols	H.323, MGCP, SIP
Optional Function	Answering machine for incoming PSTN calls

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