

Voice Communication for Free

▶ **InterPhone**

Intelligent IP Key Phone and Mini-Hub



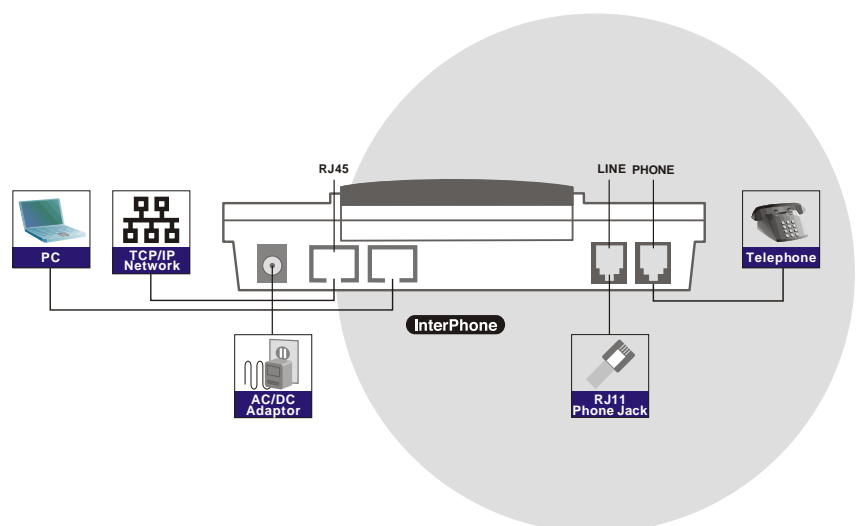
# InterPhone is **The** Ideal IP Phone **For All !**



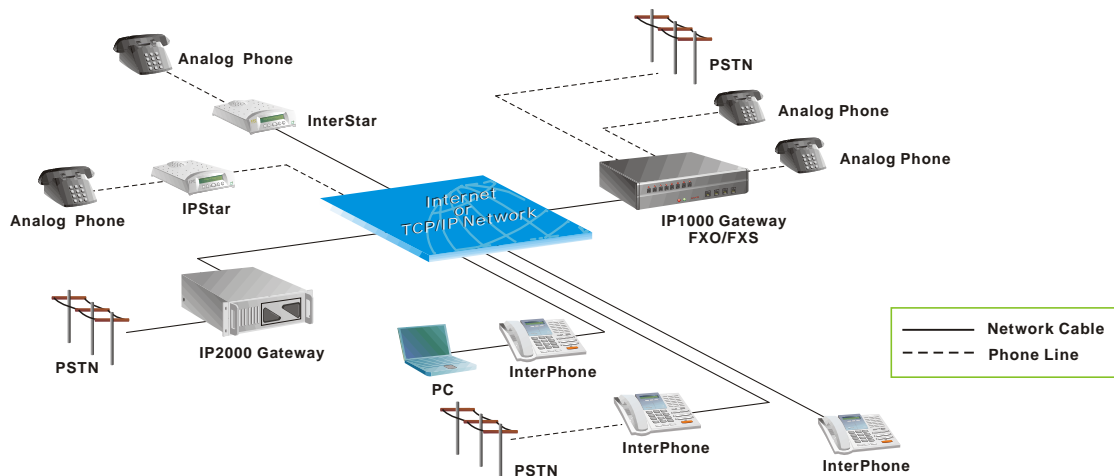
## Functional Description

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 Mbytes
Flash Memory	1 Mbytes
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

For more information, visit our Web site today at

[www.dsgtechnology.com](http://www.dsgtechnology.com)

Corporate Headquarters  
11F, 97 Song Ren Road  
Taipei, Taiwan  
Tel:886-2-87892020  
Fax:886-2-87805511  
E-Mail:sales@dsg.com.tw

DSG Technology USA  
20265 Valley Blvd., # N  
Walnut, CA 91789  
Tel:1-909-5958908  
Fax:1-909-5955508  
E-Mail:sales\_na@dsgtechnology.com