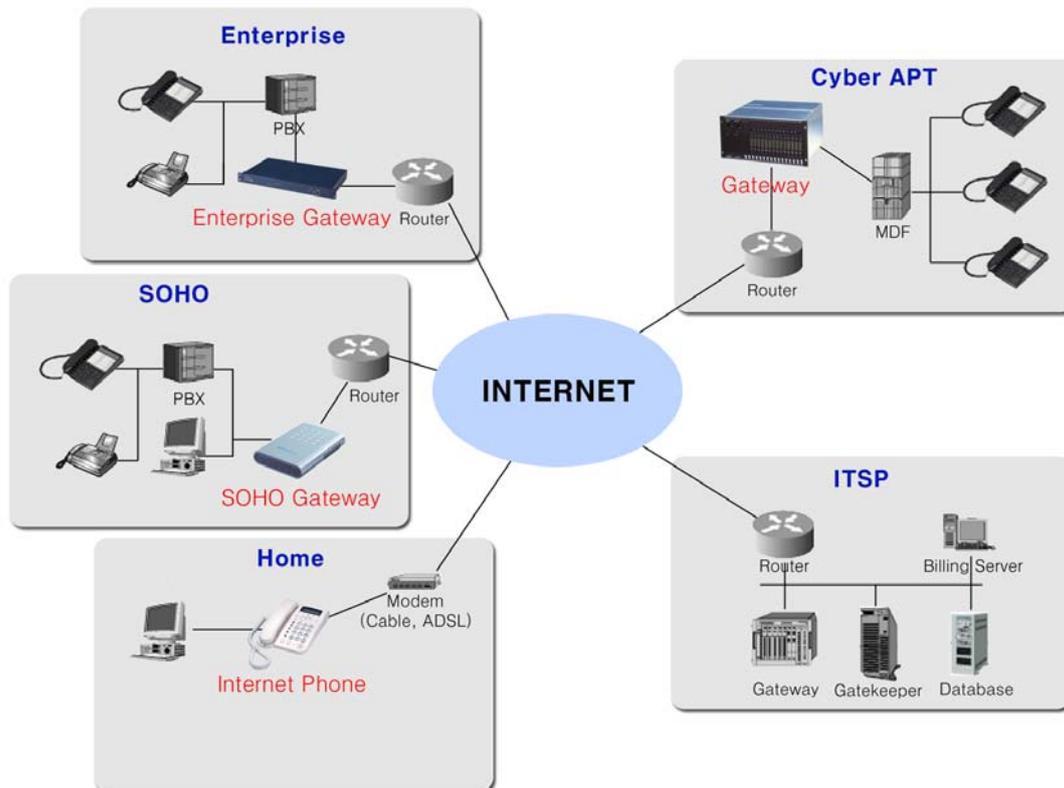## *Operational Description*

This product makes voice telecommunication possible by offering an analogue interface (handset, microphone, speaker) and an interface (VoIP) linking it with the packet switch network.

Application Diagram

Overview

The Internet Phone(Teliphone3200-D21) is an one-port VoIP(Voice over Internet Protocol) phone for the home or small-medium size businesses. The Internet Phone supports ITU-T H.323 protocol for data communication. It is a stand-alone device, which means no PC connection is necessary to use it.
The Internet Phone allows users to make long distance call or international call at low cost.
Using standard protocol, Internet Phone can interoperate with most Internet devices for communication over the Internet.

Features

• Easy to use, simple to activate
• VAD (Voice Activity Detection)
• Volume control
• Speed dialing keys
• Phone book
• Last number redial
• LCD display
• Call Mute
• Silence suppression
• Echo cancellation/compensation
• Excellent voice quality DSP technology
• Network management with SNMP-based NMS
• Software updates/upgrades via remote access
• Interoperable with standards-based gatekeepers and gateways
• Configurable phone number assignment to match dial plan
• Remote management via SNMP, Telnet and HTTP
• OEM customization available
• 1-year warranty

Specification

LAN Interface
Standards
ITU H.323 v4, H.225, H.245
ITU G.711, G.723.1, G.729.A
IEEE 802.3
10/100 base-T
PPPoE, DHCP

Management
Telnet, RS-232, http, LCD display

CODEC Options
G.711, G.729.A, G.723.1

Power
12VDC,   600mA

Dimensions
14cm W × 4.3cm H × 17.5cm D

Weight
0.73kg

Operating Temperature
32℉ to 131℉ (0℃ to 55℃)

Operating Humidity
10% to 85% noncondensing

Storage Temperature

32℉ to 149℉ (0℃ to 65℃)

Storage Humidity
5% to 90% noncondensing

Dial-up Interface
• Data Rates from 300 bps to 56k bps. (If needed in use, the rate can be limited by software)
•Data Modulation Standards V.90, V.34, V.432bis, V.22bis, V.22, V.23, V.21 and V.23 reversible (Minitel), Bell 212, Bell 103 Dialup Modem V.42 Error Control
• Country Code support
• V.42 Error Control
• V.42bis Compression
• Protected Against Surge and Over voltage on the Telephone Line

Standard
• ITU H.323 v4, H.225, H.245
• ITU G.723.1

Codec
• G.723.1