

## Product Overview

Grandstream IP Phone is an award-winning next generation IP network telephone based on industry open standards. Built upon innovative technology, Grandstream IP Phone features market leading superb sound quality and rich functionalities at ultra-affordable price.

## Key Features

Support SIP 2.0, TCP/UDP/IP, RTP/RTCP, HTTP, ARP/RARP, ICMP, DNS, DHCP, NTP, TFTP protocols.

Support NAT traversal via STUN & symmetric RTP

Support SIP SIMPLE standard for Instant Messaging and Presence (Model 102D)

Interoperable with various 3rd party SIP end user device, Proxy/Registrar/Server, and gateway products

Advanced Digital Signal Processing (DSP) to ensure superb hi-fidelity audio quality.

Advanced and patent pending adaptive jitter buffer control, packet delay & loss concealment technology.

Support popular vocoders including G.723.1 (5.3K/6.3K), G.729A/B, G.711 (a-law and u-law), G.726, G.728, and wide-band G.722 (Model 102D). Dynamic negotiation of codec and voice payload length.

Support standard voice features such as Caller ID Display or Block, Call Waiting, Hold, Transfer, Forward, FLASH, in-band and out-of-band DTMF (RFC2833), Dial Plans, off-hook auto dial, configurable emergency dialing (e.g., 911), early dial, click-to-dial.

Support 3-way conferencing (Model 102D), full duplex hands-frequency domain acoustic echo cancellation (pending), redial, call log, volume control, voice mail with indicator, downloadable ring tone (pending).

Support Silence Suppression, VAD Echo Cancellation (G.168), and AGC (Automatic Gain Control)

Support DIGEST authentication and encryption using MD5 and MD5-session.

Provide easy configuration thru manual operation (phone keypad and Web automated provisioning via central configuration file for mass deployment).

Support for Layer 2 (802.1Q VLAN, 802.1p) and Layer 3 QoS (ToS, DiffServ, MPLS).

NAT-friendly remote software upgrade capability (via tftp) even from behind firewalls/NATs.

Built-in alarm-clock, music on hold and downloadable music ringing tone (Model 102D).

Support for fail-over SIP server and DNS server (pending).



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## How to make Low-cost International Calls?

**Ideal low-cost solutions for making International calls to USA and other countries from Browsing Centres and PCOs.**

As data traffic grows and eventually dominates voice traffic, economics will drive the need for the integration of voice and data networks. In the near future, IP telephony will include enhanced services, video conferencing, multimedia applications and better customer service. The economics of convergence is very compelling... For example, Carrier costs from New York to Delhi, India.

And get a New York phone number that rings in India.

Modem Technology improves VOIP QoS issues by removing the PC from the equation, enabling high-quality voice over the Internet. Because the phone interfaces directly with IP-based networks, Modem's customers avoid many of the costs associated with current gateway architecture as well as the low voice quality associated with PC-based Internet telephony.



VOIP Phone

Rs.1495 for 500 Minutes\*

International credit cards accepted



- ◆ Rs. 995 for 500 USA minutes .
- ◆ Rs. 1995 for 500 USA minutes Local & Regional USA minutes.
- ◆ Rs. 2995 for 2000 minutes to all USA.

### LINE ECHO CANCELLATION

Removes noise and feedback so rather than hearing echoes, you can clearly hear the person you are calling.

### REGULAR PHONE CALL QUALITY

With G.723.1 full duplex voice compression algorithm, delivering the efficient use of bandwidth needed on the Internet.

### REGULAR PHONE CALL EXPERIENCE

Regular phone call experience with comfort noise generation, re-creating phone system "sound," so you and others you call can't tell whether it's a regular call or Internet call.

**For Enquiries:**

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\* Phone Equipment and Setup Fees Extra.