



BudgeTone-100



Product Overview

Grandstream BudgeTone-100 series IP phones are award-winning next generation IP telephones based on SIP industry open standard. Built upon innovative technology, Grandstream IP phones feature market leading superb sound quality, rich functionalities, ease of use, at ultra-affordable price.

*Innovative
&
Affordable
IP Telephony*



GRANDSTREAM NETWORKS, INC





BudgeTone-100

Key Features

- Support SIP (RFC3261), TCP/UDP/IP, RTP/RTCP, HTTP, ARP/RARP, ICMP, DNS, DHCP, NTP, TFTP, PPPoE protocols
- Support symmetric RTP and NAT traversal via STUN and external media proxy
- Interoperable with various 3rd party SIP end user devices, Proxy/Registrar/Server, and gateway products
- Advanced Digital Signal Processing (DSP) to ensure superb high fidelity audio
- Advanced adaptive jitter buffer control, packet delay & loss concealment technology
- Support popular vocoders including G.723.1 (5.3K/6.3K), G.729AB, G.711 (a-law and u-law), G.726, G.728, G.722 (wide-band) and iLBC. 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, Mute, in-band and out-of-band DTMF (in audio, RFC2833, SIP INFO), Dial Plans, off-hook auto dial, early dial, click-to-dial
- Support 3-way conferencing, full duplex hands-free speakerphone, redial, call log, volume control, voice mail with indicator
- Support Silence Suppression, VAD (Voice Activity Detection), CNG (Comfort Noise Generation), and AGC (Automatic Gain Control)
- Support DIGEST authentication and encryption using MD5 and MD5-sess
- Allow easy configuration through phone keypad/LCD, Web interface or via secure (AES encrypted) central configuration file for mass deployment.
- Support for Layer 2 (802.1Q VLAN, 802.1p) and Layer 3 QoS (ToS, DiffServ, MPLS)
- Provide NAT-friendly remote software upgrade capability (via tftp and http) for deployed devices even from behind firewall/NAT.
- Support downloadable music ringing tones, support for fail-over SIP server and DNS server

Hardware Specification

Spec/Model	BudgeTone-101	BudgeTone-102
LAN interface	1*RJ45 10Base-T	2*RJ45 10Base-T
Phone Case	25-button keypad, 12-digit caller ID LCD	25-button keypad, 12-digit caller ID LCD
Universal Switching Power Adaptor (UL certified)	In:100-240V AC Out:+5V DC,1.2A	In:100-240V AC Out:+5V DC,1.2A
Dimension(cm)	18(W)x22(D)x6.5(H)	18(W)x22(D)x6.5(H)
Weight	21bs(0.9kg)	21bs(0.9kg)
Operating Temperature	32-104° F(0-40°C)	32-104° F(0-40°C)
Humidity	10%-95%	10%-95%
Compliance	FCC/CE/C-Tick	FCC/CE/C-Tick

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