



Budgetone Series SIP Telephones



Budgetone Series offers a family of affordable, next generation SIP phones that features excellent audio quality and rich telephony features. The Budgetone series supports popular voice codecs and is designed for full SIP compatibility and interoperability with 3rd party SIP providers. The Budgetone series offers upgraded features including 3-way conferencing, full-duplex hands-free speakerphone (BT-200), voicemail with indicator and custom ring tones. The Budgetone SIP phone series offers an affordable, easy to use VoIP solution for the home or the small office.

Features

- Interoperable & compatible with SIP platforms
- 10 Mbps Ethernet RJ45 port or two 100 Mbps auto-sensing Ethernet RJ45 ports (switched or routed) (BT-200)
- Full duplex speakerphone
- Standard voice features and functionality
- Advanced functionality including 3-way conference and SRTP/TLS (BT-200)
- Voicemail indicator with light

Benefits

- Open standards compatible
- Superb audio quality
- Rich feature functionality
- Downloadable custom ringtone
- Easy to use and manage
- Affordable

Grandstream Networks, Inc. www.grandstream.com

Boston, Massachusetts
1297 Beacon Street, 2F
Brookline, MA 02446
1-617-566-9300

Dallas, Texas
2828 W.Parker Rd, Suite 102
Plano, TX 75075
1-469-241-0100

Los Angeles, California
1301 John Reed Ct.
City of Industry, CA 91745
1-626-956-0260

Shenzhen, China 518057
Bldg#1, No.2 Kefa Rd
Science & Technology Park
86-755-26014600

Budgetone Series Technical Specifications

Feature Keys	8 dedicated keys: Message, Hold, Transfer, Conference, Flash, Speakerphone, Send, Mute/Del
Device Provisioning	Via keypad/LCD, Web interface, and secure (AES encrypted) central configuration file for mass deployment NAT-friendly remote software upgrade (via TFTP/HTTP)
Telephony Features	Full-duplex hands-free speakerphone (BT-200) and half-duplex hands-free speakerphone (BT-100 series) Dynamic negotiation of codec and voice payload length, VAD, CNG, AGC G.723,1 (5.3K/6.3K), G.729A/B, G.711 μ /A, G.726, G.722 (wide-band) GSM (BT 200 only) and iLBC codecs In-band and out-of-band DTMF (in audio, RFC2833, SIP INFO) Adaptive jitter buffer control with packet delay & loss concealment Voice mail indicator, redial, call log, volume control, caller ID display or block, call waiting Transfer, hold, forward, flash, mute, 3-way conferencing, off-hook auto dial, early dial, click-to-dial
Network and Protocols	Fixed IP, DHCP, automated NAT traversal via STUN SIP RFC3261, TCP/UDP/IP, RTP/RTCP, HTTP, ARP/RARP, ICMP, DNS, DHCP, NTP, TFTP, PPPoE Support Layer 2 (802.1Q VLAN, 802.1p) and Layer 3 QoS (ToS, DiffServ, MPLS)
Advanced Server Features	SIP and DNS server redundancy and fail-over
Security	DIGEST authentication using MD5/MD5-sess, secure configuration file using AES SRTP and SIP over TLS (BT-200)

Budgetone Series Comparison Guide

Model	Budgetone-101 (Ideal for Home)	Budgetone-102 (Ideal for Home)	Budgetone-200 (Ideal for Home/Office)
Network Interfaces	1xRJ45 10Mbps	2xRJ45 10Mbps	2xRJ45 100Mbps (switched or routed)
Headset Jack	2.5mm Headset	2.5mm Headset	2.5mm Headset
NAT router/DHCP server	No	No	Yes
Phone Case & Display	abs plastic, 25-button keypad 12-digit caller ID LCD	abs plastic, 25-button keypad 12-digit caller ID LCD	abs plastic, 25-button keypad 12-digit caller ID LCD
Full-Duplex Speakerphone	Yes (no AEC)	Yes (no AEC)	Yes with AEC
Customized Ring Tones	Yes	Yes	Yes
Line & Direct Number	1	1	1
Universal Switching Power Adaptor	Input: 100-240VAC 50-60 Hz Output: +5VDC, 1.2A, UL certified	Input: 100-240VAC 50-60 Hz Output: +5VDC, 1.2A, UL certified	Input: 100-240VAC 50-60 Hz Output: +5VDC, 1.2A, UL certified
Dimension (L x W x H)	222mm x 180mm x 65mm	222mm x 180mm x 65mm	222mm x 180mm x 65mm
Weight	0.9kg (2lbs)	0.9kg (2lbs)	0.9kg (2lbs)
Temperature	32 -104°F / 0 - 40°C	32 -104°F / 0 - 40°C	32 -104°F / 0 - 40°C
Humidity	10%-90%(non-condensing)	10%-90%(non-condensing)	10%-90%(non-condensing)
Compliance	FCC / CE / C-Tick	FCC / CE / C-Tick (non-RoHS)	FCC / CE / C-Tick

