zenitel

DATASHEET



2211000660

BS-750

Long-range DECT VoIP Base Station

- Up to 5 concurrent calls per DECT system
- Supports a range of up to 300 meters outdoors and 50 meters indoors
- 3-way voice conferencing, full HD audio, integrated PoE
- TLS and SRTP security encryption
- Automated provisioning

Description

The Vingtor-Stentofon BS-750 is a powerful DECT VoIP base station that pairs with up to 5 of DCT-720 DECT handsets to offer mobility to business and residential users. It supports a range of 300 meters outdoors and 50 meters indoors to give users the freedom to move around their work or home space, delivering efficient flexibility.

This DECT VoIP base station supports up to 10 SIP accounts and 5 concurrent calls while also offering 3-way voice conferencing, full HD audio and integrated PoE. A shared SIP account on all handsets will add seamless unified features that gives users the ability to answer all calls regardless of location in real-time. The BS-750 supports a variety of auto-provisioning methods and TLS/SRTP/ HTTPS encryption security. When paired with DCT-720 DECT handsets, the BS-750 offers a powerful DECT VoIP base station that allows any business or residential user to create a cordless VoIP solution.

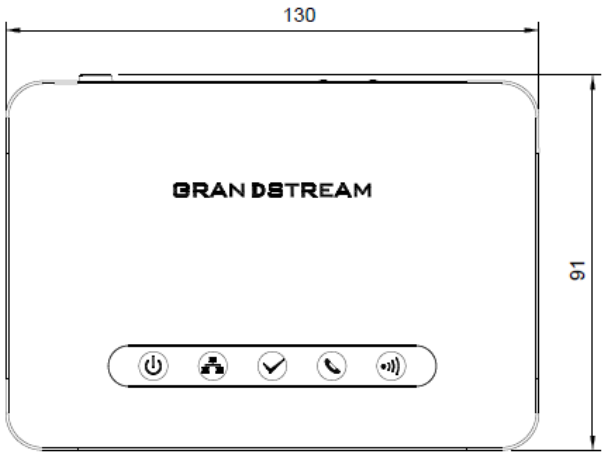
Technical Dimensions

www.zenitel.com info@zenitel.com Last revision date: 2023-09-13 13:45

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TOP VIEW



REAR VIEW



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Specifications

GENERAL

Dimensions (H x W x D)	28.5mm(H) x 130mm(W) x 90mm(D)
Weight	Base unit: 143g; Universal Power Supply: 50g
Temperature and Humidity	Operation: -10 to 50ºC (14 to 122ºF); Storage: -20º to 60ºC (-4 to 140ºF); Humidity: 10% to 90% non-condensing
Power Supply	Input AC 100-240V 50/60Hz; Output 5VDC 1A; Micro-USB connection; PoE: IEEE802.3af Class 1, 0.44W–3.84W
Telephony standards	DECT
Frequency bands	Europe: 1880 – 1900 MHz; US: 1920 – 1930 MHz; Brazil: 1910 – 1920 MHz; Korea: 1786 – 1792 MHz; Japan: 1893 – 1906 MHz; Taiwan: 1880 – 1895 MHz
Number of Channels	Europe: 10; US, Brazil or Japan: 5; Korea: 3; Taiwan: 8
Range	Up to 300 meters outdoors and 50 meters indoors
Peripherals	5 LED indicators: Power, Network, Register, Call, DECT;: Reset button, Pairing/Paging button; One 10/100 Mbps auto-sensing Ethernet port with integrated PoE
Protocol/Standards	SIP RFC3261, TCP/IP/UDP, RTP/RTCP, HTTP/HTTPS, ARP/RARP, ICMP, DNS (A record, SRV, NAPTR), DHCP, PPPoE, SSH, TFTP, NTP, STUN, SIMPLE, LLDP-MED, LDAP, TR-069, 802.1x, TLS, SRTP
	G.711µ/a-law, G.723.1, G.729A/B, G.726-32, iLBC

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Voice Codecs	G.729A/B, G.726-32, iLBC, G.722, OPUS, G.722.2/AMR-WB (special order), in-band and out-of-band DTMF (in audio, RFC2833, SIP INFO), VAD, CNG, PLC, AJB
Telephony Features	Hold, transfer, forward, 3-way conference, downloadable phonebook (XML, LDAP, up to 3000 entries), call waiting, call log (up to 300 records), auto answer, flexible dial plan, music on hold, server redundancy and fail-over
QoS	Layer 2 QoS (802.1Q, 802.1P) and Layer 3 QoS (ToS, DiffServ, MPLS)
Security	User and administrator level access control, MD5 and MD5-sess based authentication, 256-bit AES encrypted configuration file, TLS, SRTP, HTTPS, 802.1x media access control, DECT authentication & encryption
Multi-language	Chinese Simple, Chinese Tradition, Czech, Danish, Dutch, English, Estonian, Finnish, French, German, Hebrew, Hungarian, Japanese, Korean, Norwegian, Portuguese, Romanian, Spanish, Swedish, Turkish
Upgrade/ Provisioning	Firmware upgrade via TFTP/HTTP/HTTPS, mass provisioning using TR-069 or AES encrypted XML; configuration file
SIP Accounts	Up to ten (10) distinct SIP accounts per system; Each handset may map to any SIP account(s); Each SIP account may map to any handset(s)
	Circular Mode: all phones ring sequentially from the phone next to the one that answered last: Linear Mode:

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Ring Group	all phones ring sequentially in the predesignated order; Parallel Mode: all phones ring concurrently and after one phone answers, the remaining available phones can make new calls Shared Mode: all phones ring concurrently and always share the same line similar to analog phones
Compliance	FCC: Part 15D, Part 15B; CE: EN60950, EN301489-1-6, EN301406; RCM: AS/NZS60950; ANATEL: #2288-16-9452

Used With



PBX-6510

IP PBX for up to 2000 users

Item Number: 2220012450



DCT-720

DECT Cordless Handset for Mobility

Item Number: 2211100155

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