

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

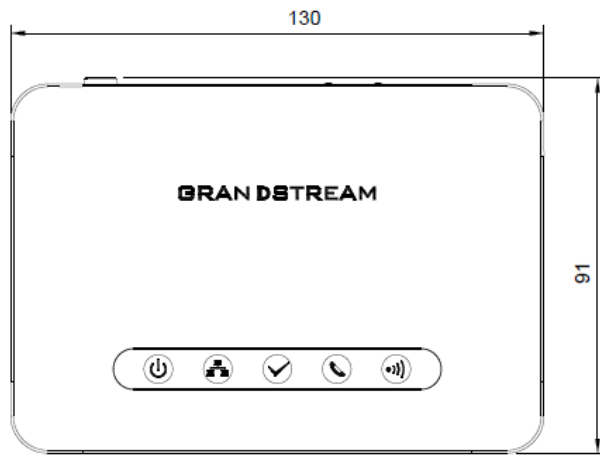
## Description

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

## TOP VIEW



## REAR VIEW



# 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 50°C (14 to 122°F); Storage: -20° to 60°C (-4 to 140°F); 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
Voice Codecs	G.711µ/a-law, G.723.1, G.729A/B, G.726-32, iLBC, G.722, OPUS, G.722.2/AMR-WB (special order) in-band and out-of-

	<p>band DTMF (in audio, RFC2833, SIP INFO), VAD, CNG, PLC, AJB</p>
Telephony Features	<p>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</p>
QoS	<p>Layer 2 QoS (802.1Q, 802.1P) and Layer 3 QoS (ToS, DiffServ, MPLS)</p>
Security	<p>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 &amp; encryption</p>
Multi-language	<p>Chinese Simple, Chinese Tradition, Czech, Danish, Dutch, English, Estonian, Finnish, French, German, Hebrew, Hungarian, Japanese, Korean, Norwegian, Portuguese, Romanian, Spanish, Swedish, Turkish</p>
Upgrade/ Provisioning	<p>Firmware upgrade via TFTP/HTTP/HTTPS, mass provisioning using TR-069 or AES encrypted XML; configuration file</p>
SIP Accounts	<p>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)</p>
Ring Group	<p>Circular Mode: all phones ring sequentially from the phone next to the one that answered last; Linear Mode: all phones ring sequentially in the predesignated order; Parallel Mode: all phones ring concurrently and after one phone answers, the remaining available phones</p>

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



### DCT-720

DECT Cordless Handset for  
Mobility