

Grandstream DP750 DECT Base Station



Product Name: Grandstream DP750 DECT Base Station

Manufacturer: Grandstream Model Number: DP750

Grandstream DP750 DECT Base Station

The Grandstream DP750 is a powerful DECT base station that pairs with up to 5 of Grandstream's DP720 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.

Grandstream DP750 Key Features

� Up to 10 SIP accounts per system; up to 10 lines per handset; up to 5 concurrent calls per DECT system

- � Supports a range of up to 300 meters outdoors and 50 meters indoors
- าั¿1/2 3-way voice conferencing, full HD audio, integrated PoE
- រី¿½ Automated provisioning options include TR-069 and XML config files
- � TLS and SRTP security encryption technology to protect calls and accounts
- ī స్ట్రి Use with Grandstream's UCM series of IP PBXs for Zero Config provisioning
- تَوْلًا Offers multiple ring group options, including Circular, Linear, Parallel and Shared modes

This DECT 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 DP750 supports a variety of auto-provisioning methods and TLS/SRTP/ HTTPS encryption security. When paired with Grandstream's DP720, the DP750 offers a powerful DECT base station that allows any business or residential user to create a cordless solution.

Grandstream DP750 - Technical Specifications

Air Interface

آذِ2 Telephony Standard: DECT

� Frequency bands: 1880 - 1900 MHz (Europe) 1920 - 1930 MHz (USA) 1910 - 1920 MHz (Brazil), 1786 - 1792 MHz (Korea) 1893 - 1906 MHz (Japan), 1880 - 1895 MHz (Taiwan) � Number of channels: 10 (Europe), 5 (US, Brazil or Japan), 3 (Korea), 8 (Taiwan)

า๊¿½ Range: up to 300 meters outdoors and 50 meters indoors

Peripherals:

� 5 LED indicators: power, network, registration, call, DECT � Reset Button, Pairing / Paging button � 1x 10/100 Mbps Ethernet port with PoE

Protocols / Standards

T¿½ 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, IPv6 (Pending)

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-band DTMF (in audio, RFC2833, SIP INFO), VAD, CNG, PLC, AJB



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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

Sample Applications

� Weather, Currency (Pending)

QoS

آزار Layer 2 QoS (802.1Q, 802.1P) and Layer 3 QoS (ToS, DiffServ, MPLS)

Security

T¿½ 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 & DECT authentication amp; encryption

Multi-language

าะ2½ Chinese Simple, Chinese Tradition, Czech, Danish, Dutch, English, Estonian, Finnish, French, German, Hebrew, Hungarian, Japanese, Korean, Norwegian, Portuguese, Romanian, Spanish, Swedish, Turkish

Upgrade/Provisioning

12% Firmware upgrade via TFTP/HTTP/HTTPS, mass provisioning using TR-069 or AES encrypted XML configuration file

Multiple SIP Accounts

ï¿1/2 Up to 10 distinct SIP accounts per system

� Each handset may map to any SIP account(s)

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Ring Group

Ti2½ Flexible options when multiple handsets share the same SIP account- 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 can make new calls- DID Mode: multiple handsets can call out on the same account, but all incoming calls are directed to a single handset

Power & amp; Green Energy Efficiency

าั¿½ Universal Power Supply Input AC 100-240V 50/60Hz; Output 5VDC 1A; Micro-USB connection

าั¿½ PoE: IEEE802.3af Class 1, 0.44W–3.84W

Package Content

تزير Base Unit



Grandstream DP750 DECT Base Station

� Universal Power Supply

ï¿1/2 Ethernet cable

ï¿⅓ Quick Start Guide

ï¿⅓ GPL statement

Dimensions (H x W x D)

� 28.5 x 130 x 90 mm

Weight

ï¿1/2 Base unit: 143g

ï¿⅓ Universal Power Supply: 50g

� Package: 360g

Temperature and Humidity

� Operation: -10 to 50ºC (14 to 122ºF) � Storage: -20º to 60ºC (-4 to 140ºF)

ï¿1/2 Humidity: 10% to 90% non-condensing

Compliance

� FCC: Part 15D, Part 15B

� CE: EN60950, EN301489-1-6, EN301406

� RCM: AS/NZS60950 � ANATEL: #2288-16-9452

Price: £45.70

Options available for Grandstream DP750 DECT Base Station :

Handset Required?

Grandstream DP730 DECT Cordless HD IP Phone (+£93.30), Grandstream DP720 DECT Handset (+£43.30), Grandstream DP722 DECT Cordless HD Handset (+£54.15), Not Required.

Grandstream DP760 DECT Repeater

Required (+£70.00), Not Required.