Grandstream DP752 DECT VoIP Base Station

Product Name: Grandstream DP752 DECT VoIP Base Station
Manufacturer: Grandstream
Model Number: DP752

Grandstream DP752 DECT VoIP Base Station
The Grandstream DP752 is a long-range DECT VoIP Base Station that can pair with up to five Grandstream DP series DECT handsets (such as: DP720, DP722 or DP730) to offer a powerful cordless DECT solution for any business or residential user.
Grandstream DP752 Key Features

ï¿½ Pairs with up to 5 of Grandstream’s DP series DECT handsets via instant pairing using a dedicated pairing button
ï¿½ Up to 10 SIP accounts per system; up to 10 lines per handset
ï¿½ 5 concurrent calls
ï¿½ 3 way audio conferencing for easy conference calls
ï¿½ 400 metre outdoor range with the DP730 or up to 350 metres with DP722/DP720, plus 50 metre indoor range
ï¿½ DECT authentication & encryption technology to protect calls & account
ï¿½ Supports Push-to-Talk and activity based on proximity and accelerometer sensors
ï¿½ Automated provisioning options include TR-069 and XML config files
ï¿½ Use with Grandstream’s UCM series of IP PBXs for Zero Config provisioning
ï¿½ HD audio to maximise audio quality and clarity; full duplex speakerphone
ï¿½ Supports advanced telephony features, including call transfer, call forward, call-waiting, do not disturb, message waiting indication, multi-language promtps, flexible dial plan and more

The Grandstream DP752 supports outdoor range of up to 400 meters with the DP730 or up to 350 meters with DP722/DP720 as well as indoor range up to 50 meters to give users the freedom to move around their work or home. This DECT VoIP base station supports up to 10 SIP accounts and five 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 DP752 supports a variety of auto-provisioning methods and TLS/SRTP/HTTPS encryption security
Grandstream DP752 Technical Specifications
Air Interface

ï¿½ Telephony standards: DECT
ï¿½ Frequency bands: 1880 – 1900 MHz (Europe), 1920 – 1930 MHz (US), 1910 – 1920 MHz (Brazil), 1786 – 1792 MHz (Korea), 1893 – 1906 MHz (Japan), 1880 - 1895 MHz (Taiwan)
ï¿½ Number of Channels: 10 (Europe), 5 (US, Brazil or Japan), 3 (Korea), 8 (Taiwan)
ï¿½ Outdoor Range: up to 400 meters (DP730) or up to 350 meters (DP722/DP720)
ï¿½ Indoor Range: up to 50 meters

Peripherals

ï¿½ 3 LED indicators: Power, Network, DECT
ï¿½ Pairing/Paging button
ï¿½ One 10/100 Mbps auto-sensing Ethernet port with integrated PoE

Protocol/ Standards

ï¿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,

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802.1x, TLS, SRTP

Voice Codecs

ï¿½ 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

Telephony Features

ï¿½ 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, server ï¿½ redundancy and fail-over

QoS

ï¿½ Layer 2 QoS (802.1Q, 802.1P) and Layer 3 QoS (ToS, DiffServ, MPLS)

Security

ï¿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 & encryption)

Multi-language

ï¿½ English, Czech, German, Spanish, French, Hebrew, Italian, Dutch, Polish, Portuguese, Russian, Swedish, Turkish, Arabic, Chinese Simple, Chinese Tradition, Japanese, Korean, Slovakian, Serbian

Upgrade/ Provisioning

ï¿½ Firmware upgrade via TFTP/HTTP/HTTPS, mass provisioning using TR-069 or AES encrypted XML configuration file

Multiple SIP accounts

ï¿½ Up to ten (10) distinct SIP accounts per system
ï¿½ Each handset may map to any SIP account(s)
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Ring Group

ï¿½ Flexible options when multiple handsets share the same SIP account:
ï¿½ Circular Mode: all phones ring sequentially from the phone next to the one that answered last
ï¿½ Linear Mode: all phones ring sequentially in the predesignated order
ï¿½ Parallel Mode: all phones ring concurrently and after one phone answers, the remaining available phones can make new calls

Power and Green Energy Efficiency

ï¿½ Universal Power Supply Input AC 100-240V 50/60Hz; Output 5VDC 1A; Micro-USB connection; PoE: IEEE802.3af Class 1, 0.44W–3.84W

Package content

Grandstream DP752 DECT VoIP Base Station

ï¿½ Base Unit, Universal Power Supply; Ethernet cable; Quick Start Guide, GPL statement

Dimensions (H x W x D)

ï¿½ 140.31 x 64.98 x 105mm

Weight

ï¿½ Base unit: 140g; Universal power supply: 50g; Package: 370g

Temperature and Humidity

ï¿½ Operation: -10 to 50ºC (14 to 122ºF); Storage: -20º to 60ºC (-4 to 140ºF) Humidity: 10% to 90% non-condensing

Compliance

ï¿½ FCC: FCC Part 15B; FCC Part 15D; MPE; FCC ID
ï¿½ CE: EN 55032; EN 55035; EN 61000-3-2; EN 61000-3-3; EN 60950-1; EN 301 489-1/-6; EN
ï¿½ 301 406; EN 50385; RED NB Cert
ï¿½ RCM: AS/NZS 32; AS/NZS 60950.1
ï¿½ ANATEL: ANATEL, EAC, UL (adapter)

Price: £47.50

Options available for Grandstream DP752 DECT VoIP Base Station :

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