Grandstream GXP1450 HD IP Phone

Product Name: Grandstream GXP1450 HD IP Phone

Manufacturer: -

Model Number: GXP1450

Please Note: The Grandstream GXP1450 has been discontinued, please see the Grandstream GXP1630 as an alternative product.

Grandstream GXP1450 VoIP Phone
The Grandstream GXP1450 is a VoIP phone that features 2 SIP accounts, a 180x60 backlit graphical LCD screen, 3 XML programmable context-sensitive soft keys, dual network ports with integrated PoE, and 3-way conference. The GXP1450 is feature rich and and comes at an affordable cost.
Grandstream GXP1450 Key Features

ï¿½ 180 x 60 pixel backlit graphical LCD display with up to 4 level grayscale
ï¿½ 2 dual color line keys (with 2 SIP accounts and up to 2 call appearances), 3 XML programmable context sensitive soft keys, 3-way conference
ï¿½ HD wideband audio, superb full duplex hands free speakerphone with advanced acoustic echo cancellation and excellent double-talk performance
ï¿½ Large phonebook (up to 500 contacts) and call history (up to 500 records)
ï¿½ Automated personal information service (e.g. local weather, etc.), personalized music ring tone/ring back tone, flexible customisable screen content & format using XML and advanced Web and enterprise applications integration
ï¿½ Dual switched auto sensing 10/100Mbps network ports with integrated PoE
ï¿½ Automated provisioning using TR-069 or encrypted XML configuration file, SRTP and TLS for advanced security protection, 802.1x for media access control

The Grandstream GXP1450 IP Phone delivers exceptional HD audio quality, leading edge telephony features, personalised information and customisable application service automated provisioning for easy deployment, advanced security protection for privacy and broad interoperability with most 3rd party SIP devices and leading SIP/NGN/IMS platforms.Note: Please refer to the Grandstream IP Phone Detailed Comparison Table for more information.
Grandstream GXP1450 IP Phone Technical Specifications
Protocols and Standards

ï¿½ SIP RFC2361
ï¿½ TCP/IP/UDP
ï¿½ RTP/RTCP
ï¿½ HTTP/HTTPS
ï¿½ ARP/RARP
ï¿½ ICMP
ï¿½ DNS (A record, SRV, NAPTR)
ï¿½ DHCP
ï¿½ PPPoE
ï¿½ TELNET
ï¿½ TFTP
ï¿½ NTP
ï¿½ STUN
ï¿½ SIMPLE
ï¿½ TR-069
ï¿½ 802.1x

Network Interfaces

Grandstream GXP1450 HD IP Phone

ï¿½ Dual switched 10/100Mbps ports with integrated PoE

Graphic Display

ï¿½ Back-lit 180 x 60 graphical LCD display with up to 4 level grayscale

Feature Keys

ï¿½ 2 line keys with dual-color LED and 2 independent SIP accounts
ï¿½ 3 XML programmable context sensitive soft keys
ï¿½ 5 navigation/menu/volume keys
ï¿½ 10 dedicated function keys for: Hold, Speakerphone, Send/Redial, Transfer, Conference, Mute, Headset, Volume, Phonebook/Contacts, and Message (with LED indicator)

Voice Codec

ï¿½ Support for G.723.1, G.729A/B, G.711u/a, G.726-32, G.722 (wide-band), iLBC, in-band and out-of-band DTMF (in audio, RFC2833, SIP INFO)

Telephony Features

ï¿½ Hold
ï¿½ Transfer
ï¿½ Forward
ï¿½ 3-way conference
ï¿½ Call park
ï¿½ Pickup
ï¿½ Shared-call-appearance (SCA)/Bridged-line-appearance (BLA)
ï¿½ Downloadable phone book (XML, LDAP, up to 2,000 items)
ï¿½ Call waiting
ï¿½ Call log (up to 2,000 records)
ï¿½ XML customization of screen
ï¿½ Off-hook auto dial
ï¿½ Auto answer
ï¿½ Click-to-dial
ï¿½ Flexible dial plan
ï¿½ Hot desking
ï¿½ Personalized music ringtones and music on hold
ï¿½ Server redundancy
ï¿½ Fail-over

HD Audio

ï¿½ Yes, both on handset and speakerphone

Headset Jack

ï¿½ RJ9 and 2.5mm headset jack

Base Stand

ï¿½ Yes, allow 2 angle positions

Wall Mountable

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ï¿½ Yes

QoS

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

Security

ï¿½ User and administrator level passwords
ï¿½ MD5 and MD5-sess based authentication
ï¿½ AES based secure configuration file
ï¿½ SRTP
ï¿½ TLS
ï¿½ 802.1x media access control

Multi-language

ï¿½ English, German, Italian, French, Spanish, Portuguese, Russian, Croatian, simplified and traditional Chinese, Korean, Japanese etc.

Upgrades and Provisioning

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

Power & Green Energy Efficiency

ï¿½ Universal power adapter included: Input: 100-240VAC 50-60Hz; Output: +5VDC, 800mA
ï¿½ Integrated Power-over-Ethernet (802.3af)
ï¿½ Max power consumption 2.5W (power adapter)

Physical

ï¿½ Unit dimension: 186mm (W) x 210mm (L) x 81mm (D)
ï¿½ Unit weight: 0.8kg
ï¿½ Package weight: 1.3kg

Temperature and Humidity

ï¿½ 32-1047°F / 0-40°C
ï¿½ 10-90% (non-condensing)

Package Content

ï¿½ Grandstream GXP1450 IP Phone
ï¿½ Handset with cord
ï¿½ Base stand
ï¿½ Universal power supply
ï¿½ Network cable
ï¿½ Quick Start Guide

Compliance

Grandstream GXP1450 HD IP Phone

ï¿½ FCC Part 15 (CFR 47) Class B
ï¿½ EN55022 Class B
ï¿½ EN55024
ï¿½ EN61000-3-2
ï¿½ EN61000-3-3
ï¿½ EN 60950-1; AS/NZS CISPR 22 Class B
ï¿½ AS/NZS CISPR 24
ï¿½ RoHS
ï¿½ UL 60950 (power adapter)

Please Enquire

Options available for Grandstream GXP1450 HD IP Phone :

Require Grandstream PSU
GXP1450 UK PSU (+£7.14),   Not Required.