

Grandstream GXP2120 IP Phone



Product Name: Grandstream GXP2120 IP Phone

Manufacturer: Grandstream

Model Number: GXP2120

Please note: the Grandstream GXP2120 has been discontinued. For an alternative we recommend the Grandstream GXP2160 Enterprise VoIP Phone

The Grandstream GXP2120 is a next generation enterprise grade VoIP phone that features 6 lines, 320 x 160 backlit graphical LCD, 4 XML programmable context-sensitive soft keys, 7 XML programmable BLF extension keys, dual network ports with integrated PoE and 5-way conferencing.

Grandstream GXP2120 IP Phone Key Features

- Generous 320 x 160 pixel backlit graphical LCD display with up to 8 level grayscale
- 6 dual-color line keys (with 6 SIP accounts), 4 XML programmable context-sensitive soft keys, up to 5-way conferencing and up to 13 call appearances with 7 dual-color BLF extension keys
- HD wideband audio, superb full duplex handsfree speakerphone with advanced acoustic echo cancellation and excellent doubletalk performance
- Large phonebook (up to 2000 contacts) and call history (up to 2000 records)
- Automated personal information service (e.g. local weather, stock, currencies, RSS, news etc.) personalized music ring tone/ring back tone/music-on-hold, flexible customizable screen content & format using XML and advanced Web and enterprise applications integration
- Dual switched auto sensing 10/100Mbps network ports with integrated PoE
- Automated provisioning using TR-069 or encrypted XML configuration file, SRTP and TLS for advanced security protection, 802.1x for media access control



Grandstream GXP2120 VoIP Phone Technical Specifications Protocols and Standards

- SIP RFC3261
- TCP/UDP/IP
- RTP/RTCP
- HTTP/HTTPS
- ARP/RARP
- ICMP
- DNS (A record, SRV, NAPTR)
- DHCP
- PPPoE
- TELNET
- TFTP
- NTP
- STUN
- SIMPLE
- TR-069

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- 802.1x
- IPV6

Network Interfaces

- Dual switched 10/100Mbps ports with integrated PoE

Graphic Display

- Back-lit 320 x 160 pixels graphical LCD display with 8-level greyscale

Key Features

- 6 line keys with dual-color LED and 6 independent SIP accounts
- 7 programmable BLF extensions keys with dual-color LED
- 4 XML programmable context sensitive soft keys
- 5 navigation/menu/volume keys
- 11 dedicated function keys for Hold, Speakerphone, Send/Redial, Transfer, Conference, Mute, Headset, Intercom/Paging, Do-not-disturb, Phonebook/Contacts and Message (with LED indicator)

Voice Codec

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

Telephony Features

- Hold
- Transfer
- Forward
- 5-way conference
- Call Park
- Pickup
- Shared-Call-Appearance (SCA) / Bridged-Line-Appearance (BLA)
- Busy-Lamp-Field (BLF)
- Downloadable Phone Book (XML, LDAP, up to 2000 items)
- XML Customization of Screen
- Call Waiting
- Call Log (up to 2000 records)
- Off-hook Auto Dial
- Auto Answer
- Click-To-Dial
- Flexible Dial Plan
- Hot Desking
- Downloadable Ringtones
- Music-on-Hold
- Server Redundancy
- Fail-over Support

HD Audio

- Yes, both on handset and speakerphone

Headset Jack

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- Both RJ11 and 2.5mm jacks

Base Stand

- Yes, allows 2 angle positions

Wall Mountable

- Yes

Expansion Module

- Allow up to 2 externally attached expansion modules and 112 extra keys

QoS

- Layer 2 (802.1Q, 802.1p)
- Layer 3 (ToS, DiffServ, MPLS) QoS

Security

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

Multi-language

- English, German, Italian, French, Spanish, Chinese, Korean, Japanese etc.

Upgrades and Provisioning

- Firmware upgrade via TFTP/HTTP
- Mass deployment using TR-069 or encrypted XML configuration file

Power & Green Energy Efficiency

- Universal power adapter (Input: 100-240VAC 50-60Hz; Output: +5VDC, 800mA, UL certified) included
- Integrated Power-over-Ethernet (802.3af)
- Max power consumption: 2.5W (power adapter) or 3W (PoE)

Physical

- Dimensions: 252mm(w) x 210mm(l) x 78mm(h)
- Unit Weight: 1.08kg
- Package Weight: 1.78kg

Temperature and Humidity

- 32 - 104°F / 0 - 40°C
- 10 - 90% (non-condensing)

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Package Content

- Grandstream GXP2120 IP Phone
- Handset with Cord
- Base Stand
- Universal Power Supply
- Network Cable
- Quick Start Guide

Compliance

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

Please Enquire
