

## Grandstream GXP2120 IP Phone



Product Name: Grandstream GXP2120 IP Phone

Manufacturer: -

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

Note: Please refer to the Grandstream IP Phone Detailed Comparison Table for more information.  
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
- 802.1x
- IPV6

### Network Interfaces

- Dual switched 10/100Mbps ports with integrated PoE

## Grandstream GXP2120 IP Phone

### 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

• Both RJ11 and 2.5mm jacks

### Base Stand

• Yes, allows 2 angle positions

## Grandstream GXP2120 IP Phone

### 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-session 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)

### Package Content

✓ Grandstream GXP2120 IP Phone

✓ Handset with Cord

✓ Base Stand

✓ Universal Power Supply

## Grandstream GXP2120 IP Phone

• 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**

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