



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

T¿½ HD wideband audio, superb full duplex handsfree speakerphone with advanced acoustic echo cancellation and excellent doubletalk performance

تَذِيْرِ Large phonebook (up to 2000 contacts) and call history (up to 2000 records)

าั¿½ 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 & plication and advanced Web and enterprise applications integration

12% Dual switched auto sensing 10/100Mbps network ports with integrated PoE

 $\ddot{i}_{\dot{c}}$ 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

ï¿⅓ HTTP/HTTPS

ARP/RARP

ï¿⅓ ICMP

� DNS (A record, SRV, NAPTR)

� DHCP

آذِ½ PPPoE

آزٰ½ TELNET

TFTP ½'i

۲¿⅓ NTP

STUN ½ STUN

ï¿⅓ SIMPLE

� TR-069

� 802.1x

� IPV6

Network Interfaces

� Dual switched 10/100Mbps ports with integrated PoE



Graphic Display

าั¿½ Back-lit 320 x 160 pixels graphical LCD display with 8-level greyscale

Key Features

- ī స్ట్రీ 6 line keys with dual-color LED and 6 independent SIP accounts
- าั¿½ 7 programmable BLF extensions keys with dual-color LED
- � 4 XML programmable context sensitive soft keys
- � 5 navigation/menu/volume keys
- آذِيً 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

 \ddot{i} 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

- ï¿⅓ Hold
- � Transfer
- آذِ½ Forward
- ï¿1/2 5-way conference
- � Call Park
- � Pickup
- تزر Shared-Call-Appearance (SCA) / Bridged-Line-Appearance (BLA)
- � Busy-Lamp-Field (BLF)
- تزير Downloadable Phone Book (XML, LDAP, up to 2000 items)
- � XML Customization of Screen
- ï¿1/2 Call Waiting
- � Call Log (up to 2000 records)
- ï¿⅓ Off-hook Auto Dial
- ï¿⅓ Auto Answer
- � Click-To-Dial
- ï¿⅓ Fexible Dial Plan
- ï¿⅓ Hot Desking
- � Downloadable Ringtones
- ï¿⅓ 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



Wall Mountable

� Yes

Expansion Module

آذًا 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

ï¿1/2 MD5 and MD5-sess based authentication

� AES based secure configuration file

SRTP ½ 'S

۲LS ½٪ TLS

� 802.1x media access control

Multi-language

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

Upgrades and Provisioning

� Firmware upgrade via TFTP/HTTP

ī సై Mass deployment using TR-069 or encrypted XML configuration file

Power & amp; Green Energy Efficiency

าั¿½ Universal power adapter (Input: 100-240VAC 50-60Hz; Output: +5VDC, 800mA, UL certified) included

ï¿1/2 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)

ϊ¿½ Unit Weight: 1.08kg ϊ¿½ Package Weight: 1.78kg

Temperature and Humidity

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

Package Content

� Grandstream GXP2120 IP Phone

ï¿⅓ Handset with Cord

ï¿⅓ Base Stand

� Universal Power Supply



� Network Cable � Quick Start Guide

Compliance

ï¿1/2 FCC Part 15 (CFR 47) Class B

� EN55022 Class B

ï¿⅓ EN55024

ï¿⅓ EN61000-3-2

� EN61000-3-3

ï¿⅓ EN 60950-1

ï¿1/2 AS/NZS CISPR 22 Class B

� AS/NZS CISPR 24

ï¿⅓ RoHS

� UL 60950 (power adapter)

Please Enquire