



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

 $i i \frac{1}{2}$ Generous 320 x 160 pixel backlit graphical LCD display with up to 8 level grayscale $i i \frac{1}{2}$ 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

 $i_{\dot{c}}$ HD wideband audio, superb full duplex handsfree speakerphone with advanced acoustic echo cancellation and excellent doubletalk performance

ï¿¹/₂ Large phonebook (up to 2000 contacts) and call history (up to 2000 records)

 i_{ℓ} ¹/₂ 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 & amp; format using XML and advanced Web and enterprise applications integration i_{ℓ} ¹/₂ Dual switched auto sensing 10/100Mbps network ports with integrated PoE i_{ℓ} ¹/₂ 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

ï¿1/2 SIP RFC3261 � TCP/UDP/IP � RTP/RTCP � HTTP/HTTPS � ARP/RARP � ICMP ï¿1/2 DNS (A record, SRV, NAPTR) � DHCP � PPPoE � TELNET � TFTP � NTP � STUN � SIMPLE � TR-069 � 802.1x � IPV6

Network Interfaces

ï¿1/2 Dual switched 10/100Mbps ports with integrated PoE



Graphic Display

ï¿1/2 Back-lit 320 x 160 pixels graphical LCD display with 8-level greyscale

Key Features

ï¿1/2 6 line keys with dual-color LED and 6 independent SIP accounts

� 7 programmable BLF extensions keys with dual-color LED

ï¿1/2 4 XML programmable context sensitive soft keys

ï¿1/2 5 navigation/menu/volume keys

i¿¹/₂ 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

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

ï¿1/2 Server Redundancy ï¿1/2 Fail-over Support

HD Audio

ï¿1/2 Yes, both on handset and speakerphone

Headset Jack

ï¿1/2 Both RJ11 and 2.5mm jacks

Base Stand

ï¿1/2 Yes, allows 2 angle positions



Wall Mountable

� Yes

Expansion Module

ï¿1/2 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

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

Multi-language

ï¿1/2 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 & amp; Green Energy Efficiency

i¿½ Universal power adapter (Input: 100-240VAC 50-60Hz; Output: +5VDC, 800mA, UL certified) included i¿½ Integrated Power-over-Ethernet (802.3af) i¿½ Max power consumption: 2.5W (power adapter) or 3W (PoE)

Physical

i¿½ Dimensions: 252mm(w) x 210mm(l) x 78mm(h) i¿½ Unit Weight: 1.08kg i¿½ Package Weight: 1.78kg

Temperature and Humidity

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

Package Content

i¿¹⁄₂ Grandstream GXP2120 IP Phone i¿¹⁄₂ Handset with Cord i¿¹⁄₂ Base Stand i¿¹⁄₂ Universal Power Supply



� Network Cable � Quick Start Guide

Compliance

 i¿½
 FCC Part 15 (CFR 47) Class B

 i¿½
 EN55022 Class B

 i¿½
 EN55024

 i½
 EN61000-3-2

 i½
 EN61000-3-3

 i½
 EN61000-3-3

 i½
 EN61000-3-2

 i½
 EN60950-1

 i½
 AS/NZS CISPR 22 Class B

 i½
 AS/NZS CISPR 24

 i½
 ROHS

 i½
 UL 60950 (power adapter)

Please Enquire