



**GXP-2020** is a next-generation 6-line enterprise SIP phone that features a large backlit graphical LCD display, 4 dynamic context-sensitive soft keys, 7 programmable hard keys, dual 10/100Mbps auto-sensing Ethernet ports with integrated PoE, and an elegant design. The GXP-2020 offers excellent voice clarity, comprehensive telephony features, automated provisioning, security protection for privacy, and broad interoperability with most 3rd party SIP devices and leading SIP telephony platforms. It is a powerful IP telephone for advanced enterprise users.

## Feature Highlights

- Large backlit 320x160 pixel graphical LCD display with 4-level grey scales
- Up to 13 call appearance lines each with dual-color LED (6 line indicators each programmable with independent SIP account, and 7 programmable hard keys)
- 4 XML programmable context-sensitive soft keys
- High fidelity wideband audio
- Superior full-duplex hands-free speakerphone with advanced acoustic echo cancellation
- Multi-party (up to 5-way) local conferencing
- Dual switched 10M/100M network ports with integrated PoE
- Secure and automated provisioning for mass deployment, SRTP and TLS (pending) for privacy protection

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<b>Protocols/Standards</b>	SIP RFC3261, TCP/IP/UDP, RTP/RTCP, HTTP, ARP/RARP, ICMP, DNS (A record and SRV), DHCP, PPPoE, TFTP, NTP, STUN, SIMPLE
<b>Network Interfaces</b>	Dual switched 10/100Mbps ports with integrated PoE
<b>Graphic LCD Display</b>	Backlit 320x160 pixel graphic LCD with 4-level grey scales
<b>Feature Keys</b>	6 line indicators each with dual-color LED and independent SIP account 7 programmable hard keys each with dual-color LED, 4 dynamic context-sensitive soft keys, 5 navigation/menu/volume keys, 11 dedicated function keys for: HOLD, SPEAKERPHONE, SEND/REDIAL, TRANSFER, MUTE CONFERENCE (up to 5-way), DO-NOT-DISTURB, INTERCOM HEADSET, DIRECTORY, MESSAGE (with message indicator LED)
<b>Voice Codec</b>	G.711 (u/A-law), G.726, G.723.1, G.729A/B, GSM, G.722 (wideband), iLBC In-band and out-of-band DTMF (in-audio, RFC2833, SIP INFO)
<b>Telephony Features</b>	Hold, Transfer, Forward, Bridged-Line-Appearance (BLA), Busy-Lamp-Field (BLF), Downloadable Phone Book (XML, LDAP, up to 200 items), XML Customization of Screen, Call Waiting, Call Log, Off-hook Auto Dial, Auto Answer, Click-To-Dial, Down-Loadable Ringtones, Server Redundancy and Fail-over Support
<b>Headset Jack</b>	Yes, both 2.5mm and RJ11 jack
<b>Expansion Module</b>	Allow up to 2 externally attached expansion modules
<b>QoS</b>	Layer 2 (802.1Q, 802.1p) and Layer 3 (ToS, DiffServ, MPLS) QoS
<b>Security</b>	User and administrator level passwords, MD5 and MD5-sess based authentication, AES based secure configuration file, SRTP, TLS (pending)
<b>Multi-language</b>	Yes (English, German, Italian, French, Spanish, etc)
<b>Upgrade/Provisioning</b>	Firmware upgrade via TFTP/HTTP, mass deployment using central secure provisioning file
<b>Power</b>	Universal power adapter (Input: 100-240VAC, 50-60Hz; Output: +5VDC, 1.2A, UL Certified) included; integrated Power-over-Ethernet (802.3af)
<b>Physical</b>	251mm(L) x 202mm(W) x 77mm(H), 1.66kg (3.64lbs) 2 positions footstands, wall mountable
<b>Temperature/Humidity</b>	32-104 °F / 0-40 °C, 10% - 90% (non-condensing)
<b>Compliance</b>	FCC, CE, C-Tick

