



**GXP2100** is a next generation enterprise grade IP phone that features 4 lines, a 180x90 backlit graphical LCD, 3 XML programmable context-sensitive soft keys, 7 XML programmable BLF extension keys, dual network ports with integrated PoE, and 5-way conference. The GXP2100 delivers superior HD audio quality, rich and leading edge telephony features, personalized information and customizable application service, automated provisioning for easy deployment, advanced security protection for privacy, and broad interoperability with most 3rd party SIP devices and leading SIP/NGN/IMS platforms. It is a perfect choice for enterprise users looking for a high quality, feature rich multi-line IP phone with the best values.

## Feature Highlights

- 180x90 pixel backlit graphical LCD display with up to 8 level grayscale
- 4 dual-color line keys (with 4 SIP accounts), 3 XML programmable context-sensitive soft keys, up to 5-way conference, and up to 11 call appearances with 7 dual-color BLF extension keys
- HD wideband audio, superb full-duplex hands-free speakerphone with advanced acoustic echo cancellation and excellent double-talk performance
- Large phonebook (up to 2,000 contacts) and call history (up to 2,000 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 (pending)
- 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 Networks, Inc.** [www.grandstream.com](http://www.grandstream.com)

**Corporate Headquarter**  
1297 Beacon Street, 2F  
Brookline, MA 02446 USA  
Voice: 1-617-566-9300

**Dallas Office**  
2301 W Plano Parkway, Suite 208  
Plano, TX 75075 USA  
Voice: 1-469-241-0100

**Los Angeles Office**  
1208 John Reed Court,  
City of Industry, CA 91745 USA  
Voice: 1-626-638-9172

**China Office**  
Bldg#1, No.2 Kefa Rd Science & Technology Park  
(Central) Shenzhen, China 518057  
Voice: 86-755-2601-4600

<b>Protocols/Standards</b>	SIP RFC3261, TCP/IP/UDP, RTP/RTCP, HTTP/HTTPS, ARP/RARP, ICMP, DNS (A record, SRV, NAPTR), DHCP, PPPoE, TELNET, TFTP, NTP, STUN, SIMPLE, TR-069, 802.1x, IPV6 (pending)
<b>Network Interfaces</b>	Dual switched 10/100Mbps ports with integrated PoE
<b>Graphic Display</b>	Back-lit 180x90 graphical LCD display with up to 8 level grayscale
<b>Feature Keys</b>	4 line keys with dual-color LED and 4 independent SIP accounts, 7 programmable BLF extension keys with dual-color LED, 3 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, VOLUME, PHONEBOOK/CONTACTS, and MESSAGE (with LED indicator)
<b>Voice Codec</b>	Support for G.723.1, G.729A/B, G.711 $\mu$ /a-law, G.726, G.722 (wide-band), and iLBC, in-band and out-of-band DTMF (in audio, RFC2833, SIP INFO)
<b>Telephony Features</b>	Hold, transfer, forward, 5-way conference, busy-lamp-field (BLF), call park, pickup, shared-call-appearance (SCA)/bridged-line-appearance (BLA), downloadable phone book (XML, LDAP, up to 2,000 items), call waiting, call log (up to 2,000 records), XML customization of screen, off-hook auto dial, auto answer, click-to-dial, flexible dial plan, hot desking, personalized music ringtones and music on hold, server redundancy and fail-over
<b>HD Audio</b>	Yes, both on handset and speakerphone
<b>Headset Jack</b>	Both RJ9 and 2.5mm jacks for professional and casual use
<b>Base Stand</b>	Yes, allows 2 angle positions
<b>Wall Mountable</b>	Yes
<b>QoS</b>	Layer 2 (802.1Q, 801.2p) 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, 802.1x media access control
<b>Multi-language</b>	Yes (English, German, Italian, French, Spanish, Chinese, Korean, Japanese, etc)
<b>Upgrade/Provisioning</b>	Firmware upgrade via TFTP/HTTP/HTTPS, mass provisioning using TR-069 or encrypted XML configuration file
<b>Power &amp; Green Energy Efficiency</b>	Universal power adapter included: Input: 100-240VAC 50-60Hz; Output: +5VDC, 800mA); Integrated Power-over-Ethernet (802.3af); Max power consumption 2.5W (power adapter) or 3W (PoE)
<b>Physical</b>	Dimension: 222mm (W) x 210mm (L) x 93mm (H); Unit weight: 0.98KG; Package weight: 1.63KG
<b>Temperature and Humidity</b>	32-104°F/ 0-40°C, 10-90% (non-condensing)
<b>Package Content</b>	GXP2100 phone, handset with cord, base stand, universal power supply, network cable, Quick Start Guide
<b>Compliance</b>	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)