

# ***GXP280/285*** ***Small Business IP Telephone***



**GXP280/285** are next generation small business SIP phones that feature 1 line (1 SIP account), 2 call appearances (allowing up to 2 simultaneous calls), 128x32 graphic LCD, 3 context-sensitive soft keys, dual 10M/100Mbps network ports, and optional integrated Power-over-Ethernet (GXP285 only). The GXP280/285 deliver superior HD audio quality, comprehensive telephony features, automated provisioning capability for easy deployment, advanced security protection for privacy, and broad interoperability with most 3rd party SIP devices and leading SIP/NGN/IMS platforms. They are an ideal entry level IP telephony solution for small business users needing a high quality, feature rich yet affordable single-line SIP phone.

## **Feature Highlights**

- 128 x 32 pixel graphical LCD with support for multiple languages
- 1 line SIP account and 2 call appearances (allowing 2 simultaneous calls and 3-way conference)
- 3 context-sensitive soft keys
- HD wideband audio, full-duplex speakerphone with advanced acoustic echo cancellation
- Dual switched auto sensing 10/100 Mbps network ports, Power-over-Ethernet (GXP285 only)
- Secure and automated provisioning for mass deployment, SRTP

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# GXP280/285 Technical Specifications

<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 10/100 Mbps
<b>Power-over-Ethernet (802.3af)</b>	Available on GXP285 only, NOT available on GXP280
<b>Graphic LCD Display</b>	128 x 32 pixel graphic LCD
<b>Feature Keys</b>	3 context sensitive soft keys, 3 navigation/menu/volume keys, 7 dedicated function keys for: HOLD, SPEAKERPHONE, SEND, TRANSFER, CONFERENCE, FLASH and HEADSET
<b>Voice Codec</b>	Support for G.723.1, G.729 A/B, G.711 u/a-law, G.726, G.722 (wide-band), GSM and iLBC, in-band and out-of-band DTMF (In audio, RFC2833, SIP INFO)
<b>Telephony Features</b>	Hold, Mute, Transfer, Forward, 3-way Conference, Downloadable Phone Book (XML, LDAP up to 200 items), Call Waiting, Call Log, Off-hook Auto Dial, Auto Answer, Click-To-Dial, Downloadable Ringtones, Server Redundancy and Fail-over Support
<b>HD Audio</b>	Yes
<b>Headset Jack</b>	2.5mm and RJ9 headset jack
<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
<b>Multi-language</b>	English, Spanish, French, German, Chinese, etc
<b>Upgrade/Provisioning</b>	Firmware upgrade via TFTP/HTTP, mass deployment using central secure provisioning file
<b>Power &amp; Green Energy Efficiency</b>	UL certified universal power adapter included: Input: 100-240VAC 50-60Hz; Output: +5VDC, 800mA Integrated Power-over-Ethernet (802.3af); Max power consumption 2.6W (power adapter) or 3.6W (PoE)
<b>Physical</b>	Dimension: 168mm x 200 x 89.5mm, Unit weight: 0.62KG, Package weight: 0.725KG
<b>Temperature/Humidity</b>	32-104°F/ 0-40°C, 10-90% (non-condensing)
<b>Compliance</b>	FCC, CE, C-Tick

