



## Enterprise IP Phone

### GXP2160

The GXP2160 is a Linux-based device with 6 lines, 5 XML programmable soft keys, and 5-way conferencing. HD audio and a 4.3 inch (480 x 272) color LCD screen create high quality calls, while the 24 BLF keys, Bluetooth, USB and EHS add versatility. The GXP2160 is perfect for Enterprise & SMB customers with the need for quality and versatility in their desktop communications.



6 lines, with up to 6 SIP accounts, 6 dual-colored line keys



Dual-switched auto-sensing 10/100/1000mbps network ports



24 dual-colored and programmable BLF/speed dial keys



Built-in Bluetooth for syncing headsets and mobile devices for contact books, calendars & call transferring



HD audio to maximize audio quality and clarity, full-duplex speakerphone



Built-in PoE to power the device and give it a network connection



Supports EHS compatible Plantronics's headsets



Automated provisioning using TR-069 or AES encrypted XML configuration file



Built-in USB ports for importing/exporting data



5-way audio conferencing for easy conference calls



TLS and SRTP security encryption technology to protect calls and accounts

|                                            |                                                                                                                                                                                                                                                                                                                                                                                                                            |
|--------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Protocols/Standards</b>                 | SIP RFC3261, TCP/IP/UDP, RTP/RTCP, HTTP/HTTPS, ARP, ICMP, DNS (A record, SRV, NAPTR), DHCP, PPPoE, SSH, TELNET, TFTP, NTP, STUN, SIMPLE, LLDP, LDAP, TR-069, 802.1x, TLS, SRTP, IPv6, CDP/SNMP/RTCP-XR                                                                                                                                                                                                                     |
| <b>Network Interfaces</b>                  | Dual switched auto-sensing 10/100/1000 Mbps Gigabit Ethernet ports with integrated PoE                                                                                                                                                                                                                                                                                                                                     |
| <b>Graphic Display</b>                     | 4.3 inch (480x272) TFT color LCD                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Bluetooth</b>                           | Yes, Bluetooth V2.1                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Feature Keys</b>                        | 6 line keys with up to 6 SIP accounts, 24 speed-dial/BLF extension keys with dual-color LED, 5 programmable context sensitive softkeys, 5 navigation/menu keys, 11 dedicated function keys for : MESSAGE (with LED indicator), PHONE-BOOK, TRANSFER, CONFERENCE, HOLD, HEADSET,MUTE, SEND/REDIAL, SPEAKERPHONE, VOL+, VOL-                                                                                                 |
| <b>Voice Codecs</b>                        | Support for G.729A/B, G.711μ/a-law, G.726, G.722(wide-band), G723.1, iLBC, Opus, in-band and out-of-band DTMF (in audio, RFC2833, SIP INFO)                                                                                                                                                                                                                                                                                |
| <b>Auxiliary Ports</b>                     | RJ9 headset jack (allowing EHS with Plantronics headsets), USB                                                                                                                                                                                                                                                                                                                                                             |
| <b>Telephony Features</b>                  | Hold, transfer, forward, 5-way conference, call park, call pickup, shared-call-appearance (SCA)/bridged-line-appearance (BLA), downloadable phonebook (XML, LDAP, up to 2000 items), call waiting, call log (up to 500 records), 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>Sample Applications</b>                 | Weather, currency, news, XML                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>HD Audio</b>                            | Yes, both on handset and speakerphone                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Base Stand/Wall Mountable</b>           | Yes, allow 2 angle positions                                                                                                                                                                                                                                                                                                                                                                                               |
| <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, 802.1x media access control                                                                                                                                                                                                                                                                 |
| <b>Multi-language</b>                      | English, German, Italian, French, Spanish, Portuguese, Russian, Croatian, simplified and traditional Chinese, Korean, Japanese and more                                                                                                                                                                                                                                                                                    |
| <b>Upgrade/Provisioning</b>                | Firmware upgrade via TFTP/HTTP/HTTPS, mass provisioning using TR-069 or encrypted XML configuration file, FTP/FTPS                                                                                                                                                                                                                                                                                                         |
| <b>Power &amp; Green Energy Efficiency</b> | Universal power adapter included: Input: 100-240VAC; Output: ,+12V, 1.0A<br>Integrated PoE (Power-over-Ethernet) 802.3af,<br>Max power consumption: 6W                                                                                                                                                                                                                                                                     |
| <b>Physical</b>                            | Dimention: 275.5mm (W) x 206mm (L) x 46.5mm (H); Unit weight: 0.98kg;<br>Package weight: 1.62kg                                                                                                                                                                                                                                                                                                                            |
| <b>Temperature and Humidity</b>            | 0 ~ 40°C (32 ~ 104°F), 10 ~ 90% (non-condensing)                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Package Content</b>                     | GXP2160 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, EN62479<br>AS/NZS CISPR 22 Class B, AS/NZS CISPR 24, RoHS; UL 60950 (power adapter)                                                                                                                                                                                                                                          |