



## An entry-level Gigabit IP Phone

### GXP1628

A high-end IP phone for small business users, the GXP1628 delivers a suite of powerful VoIP features in an easy-to-use fashion with a modern design. The GXP1628 offers support for up to 2 lines and features Gigabit ports to maximize connection speeds and call quality. The phone includes 8 BLF/speed dial keys that allows users to easily monitor presence and status of other extensions and transfer calls.



#### 2 LINES

2 lines, 2 SIP accounts, up to 2 call appearances



#### Gigabit

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



Includes 8 dual-colored BLF/speed dial keys



#### PoE

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



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

#### zero CONFIG

Use with Grandstream's UCM series of IP PBXs for Zero Config provisioning



Electronic Hook Switch (EHS) support for Plantronics headsets



Automated provisioning options include TR-069 and XML config files



TLS and SRTP security encryption technology to protect calls and accounts



3-way audio conferencing for easy conference calls

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|--|---|
| <b>Protocols/Standards</b>                 | SIP RFC3261, TCP/IP/UDP, RTP/RTCP, HTTP/HTTPS, ARP/RARP, ICMP, DNS (A record, S-RV, NAPTR), DHCP, PPPoE, SSH, TFTP, NTP, STUN, SIMPLE, LLDP-MED, LDAP, TR-069, 802.1x, TLS, SRTP, CDP/SNMP/RTCP-XR  |
| <b>Network Interfaces</b>                  | Dual switched auto-sensing 10/100/1000 Mbps Ethernet ports, integrated PoE  |
| <b>Graphic Display</b>                     | 132 x 48 (2.95") backlit graphical LCD display  |
| <b>Feature Keys</b>                        | 2 line keys with dual-color LED and 2 SIP accounts, 3 XML programmable context sensitive soft keys, 5 (navigation, menu) keys, 8 BLF keys, 13 dedicated function keys for MUTE, HEADSET, TRANSFER, CONFERENCE, SEND and REDIAL, SPEAKERPHONE, VOLUME, PHONEBOOK, MESSAGE, HOLD, PAGE/INTERCOM, RECORD, HOME   |
| <b>Voice Codexs</b>                        | Support for G.711 $\mu$ /a, G.722 (wide-band), G.723, G.726-32, G.729 A/B, iLBC, in-band and out-of-band DTMF (In audio, RFC2833, SIP INFO), VAD, CNG, AEC, PLC, AJB, AGC   |
| <b>Telephony Features</b>                  | Hold, transfer, forward (unconditional/no-answer/busy), call park/pickup, 3-way conference, shared-call-appearance (SCA) / bridged-line-appearance (BLA), downloadable phone book (XML, LDAP, up to 1000 items), call waiting, call history (up to 200 records), off-hook auto dial, auto answer, click-to-dial, flexible dial plan, hot desking, personalized music ringtones, server redundancy & fail-over |
| <b>Headset Jack</b>                        | RJ9 headset jack (allowing EHS with Plantronics headsets)   |
| <b>HD Audio</b>                            | Yes, HD Handset and speakerphone with support for wideband audio  |
| <b>Base Stand</b>                          | Yes, 2 angled positions available, wall mountable   |
| <b>Wall Mountable</b>                      | Yes   |
| <b>QoS</b>                                 | Layer 2 QoS (802.1Q, 802.1P) and Layer 3 (ToS, DiffServ, MPLS) QoS  |
| <b>Security</b>                            | User and administrator level access control, MD5 and MD5-sess based authentication, 256-bit AES encrypted configuration file, TLS, SRTP, HTTPS, 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 AES, FTP/FTPS   |
| <b>Power &amp; Green Energy Efficiency</b> | Universal Power Supply Input 100-240VAC 50-60Hz; Output +5VDC, 600mA; PoE: IEEE802.3af Class 2, 3.84W-6.49W; IEEE802.3az (EEE)  |
| <b>Physical</b>                            | Dimension: 220.5mm (L) x 192.5mm (W) x 76.0mm (H) (with handset) Unit weight: 0.8kg; Package weight: 1.2kg  |
| <b>Temperature and Humidity</b>            | Operation: 0°C to 40°C, Storage: -10°C to 60°C , Humidity: 10% to 90% Non-condensing  |
| <b>Package Content</b>                     | GXP1628 phone, handset with cord, base stand, universal power supply, network cable, Quick Installation Guide, brochure, GPL License  |
| <b>Compliance</b>                          | FCC: Part 15 (CFR 47) Class B CE : EN55022 Class B, EN55024, EN61000-3-2, EN61000-3-3, EN60950-1 RCM: AS/ACIF S004; AS/NZS CISPR22/24; AS/NZS 60950; AS/NZS 60950.1   |