



GRANDSTREAM
CONNECTING THE WORLD



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

Protocols/Standards	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
Network Interfaces	Dual switched auto-sensing 10/100/1000 Mbps Gigabit Ethernet ports with integrated PoE
Graphic Display	4.3 inch (480x272) TFT color LCD
Bluetooth	Yes, Bluetooth V2.1
Feature Keys	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-
Voice Codecs	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)
Auxiliary Ports	RJ9 headset jack (allowing EHS with Plantronics headsets), USB
Telephony Features	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
Sample Applications	Weather, currency, news, XML
HD Audio	Yes, both on handset and speakerphone
Base Stand/Wall Mountable	Yes, allow 2 angle positions
QoS	Layer 2 (802.1Q, 802.1p) and Layer 3 (ToS, DiffServ, MPLS) QoS
Security	User and administrator level passwords, MD5 and MD5-sess based authentication, AES based secure configuration file, SRTP, TLS, 802.1x media access control
Multi-language	English, German, Italian, French, Spanish, Portuguese, Russian, Croatian, simplified and traditional Chinese, Korean, Japanese and more
Upgrade/Provisioning	Firmware upgrade via TFTP/HTTP/HTTPS, mass provisioning using TR-069 or encrypted XML configuration file, FTP/FTPS
Power & Green Energy Efficiency	Universal power adapter included: Input: 100-240VAC; Output: ,+12V, 1.0A Integrated PoE (Power-over-Ethernet) 802.3af, Max power consumption: 6W
Physical	Dimention: 275.5mm (W) x 206mm (L) x 46.5mm (H); Unit weight: 0.98kg; Package weight: 1.62kg
Temperature and Humidity	Operation: 0 ~ 40°C (32 ~ 104°F) Storage: -10°C to 60°C Humidity: 10 ~ 90% (non-condensing)
Package Content	GXP2160 phone, handset with cord, base stand, universal power supply, network cable, Quick Start Guide
Compliance	FCC Part 15 (CFR 47) Class B; EN55022 Class B, EN55024, EN61000-3-2, EN61000-3-3, EN 60950-1, EN62479 AS/NZS CISPR 22 Class B, AS/NZS CISPR 24, RoHS; UL 60950 (power adapter)