GXP2200 represents the future of enterprise business telephones in modern Internet age. Featuring Android™ Operating System 2.3 and its vast number of 3rd party applications, a 480x272 capacitive touch screen TFT LCD, dual Gigabit network ports, integrated PoE and Bluetooth. The GXP2200 delivers superior HD audio quality, leading edge telephony features, integration of rich Web content with access to the rapidly growing Android™ applications base, automated provisioning. Built with advanced security protection for privacy, this enterprise application phone also features broad interoperability with most 3rd party SIP based devices, IP PBX and major IMS platforms. The GXP2200 is an innovative smart desk phone loaded with tremendous value for Web-integrated business communications as well as unprecedented power for advanced custom business applications development and personalization.

Feature Highlights

- 480x272 pixel capacitive touch screen TFT LCD
- HD wideband audio, superb full-duplex hands-free speakerphone with advanced acoustic echo cancellation and excellent double-talk performance
- 6 lines with up to 6 SIP accounts, up to 5-way conference, phonebook with up to 1000 contacts, call history with up to 500 records
- Support Android operating system 2.3 and the vast number of 3rd party Android applications (including Skype, Google Voice, Microsoft LYNC client, Youtube, Facebook, Twitter, Pandora, etc), advanced SDK toolkit for custom business application development and deployment control
- Dual switched auto-sensing 10/100/1000Mbps network ports, PoE, Bluetooth, USB, SD, EHS (Electronic Hook-Switch) with Plantronics headsets, capability to connect/power up to 4 cascaded extension modules with LCD display (GXP2200EXT)
- Automated provisioning using TR-069 or AES encrypted XML configuration file, TLS/SRTP/HTTPS for advanced security and privacy

Grandstream
Innovative IP Voice & Video

Protocols/Standards	SIP RFC3261, TCP/IP/UDP, RTP/RTCP, HTTP/HTTPS, ARP, ICMP, DNS (A record, SRV, NAPTR), DHCP, PPPoE, SSH, TFTP, NTP, STUN, SIMPLE, LLDP, LDAP, TR-069, 802.1x, TLS, SRTP
Network Interfaces	Dual switched 10/100/1000Mbps ports with integrated PoE
Graphic Display	480x272 capacitive touch screen TFT LCD
Bluetooth	Yes, integrated
Auxiliary Ports	RJ9 headset jack (allowing EHS with Plantronics headsets), USB, SD, extension module port
Feature Keys	10 function keys for MUTE, HOLD, PHONEBOOK, MESSAGE, HEADSET, TRANSFER, CONFERENCE, VOLUME, SPEAKERPHONE, SEND/REDIAL; 4 Android navigation control keys for HOME, MENU, SEARCH, RETURN
Voice Codec	Support for G.711μ/a, G.722 (wide-band), G.729A/B in-band and out-of-band DTMF (in audio, RFC2833, SIP INFO)
Audio Codec	AAC, MP3, WMA, Real, Ogg-Vortis, FLAC
Video Decoder	H.264 BP/MP/HP, H.263/H.263+, MPEG4, up to 1080p resolution
Telephony Features	Hold, transfer, forward (unconditional/no-answer/busy), call park/pickup, 5-way conference, shared-call-appearance (SCA)/bridged-line-appearance (BLA), virtual BLF/speed-dial extensions, downloadable phone book (XML, LDAP, up to 1,000 items), call waiting, call log (up to 500 records), boss-secretary virtual button, flexible dial plan, hot desking, personalized music ringtones, server redundancy & fail-over
Sample Applications	Skype, Google Voice, Microsoft LYNC, Web browser, Adobe Flash, Facebook, Twitter, Youtube, news, weather, stock, Internet radio, Pandora, Last.fm, Yahoo Flickr, Photobucket, alarm clock, Google calendar, mobile phone data import/export via Bluetooth, etc. API/SDK available for advanced custom application development
Applications Deployment	Allow various Android operating system 2.3 compliant applications to be developed, downloaded and run in the embedded device with provisioning control
HD Audio	Yes, HD handset and speakerphone with support for wideband audio
Extension Module	Yes, can power up to 4 GXP2200EXT modules which feature a 128x384 graphic LCD, 20 quick-dial/ BLF keys with dual-color LED, 2 navigation keys, and less than 1.2W power consumption per unit
Base Stand	Yes, integrated stand with 2 adjustable angles
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, 256-bit AES encrypted configuration file, TLS, SRTP, HTTPS, 802.1x media access control
Multi-language	English, German, Italian, French, Spanish, Portuguese, Russian, Croatian, Chinese, Korean, Japanese, etc.
Upgrade/Provisioning	Firmware upgrade via TFTP/HTTP/HTTPS or local HTTP upload, mass provisioning using TR-069 or AES encrypted XML configuration file
Power & Green Energy Efficiency	Universal power adapter: Input:100-240VAC 50-60Hz; Output:12VDC, 1.5A (supplying power for up to 4 cascaded GXP2200EXT) Integrated Power-over-Ethernet (802.3af, class 0); Max power consumption 10W (power adapter, no GXP2200EXT), 12W (PoE, no GXP2200EXT) , or 18W (power adapter only, with 4 cascaded GXP2200EXT)
Physical	Unit dimension: 188mm (W) x 210mm (H) x 84mm (D) (handset onhook); Unit weight: 0.86kg; Package weight: 1.42kg
Temperature and Humidity	Operating: 32 ~ 104°F / 0 ~ 40°C, 10 ~ 90% (non-condensing); Storage: 14 ~ 140°F / -10 ~ 60°C
Package Content	GXP2200 phone, handset with cord, universal power supply, network cable, quick installation guide
Compliance	FCC Part 15 (CFR 47) Class B;EN55022 Class B, EN55024, EN61000-3-2, EN61000-3-3, EN60950-1, EN62479 AS/NZS CISPR 22 Class B, AS/NZS CISPR 24, RoHS; UL 60950 (power adapter)

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