NEOI SSC 2014 – Android Table Phone – preliminary Specifications

SecureScrypt Desktop Phone, Government Level Voice and Data Encryption, with messaging

Basic Features

- 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, Angry Birds, and 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 (GXP2200 EXT)
- Automated provisioning using TR-069 or AES encrypted XML configuration file, TLS/SRTP/HTTPS for advanced security and privacy protection

SIP Compliant and Protocols	SIP RFC3261, TCP/IP/UDP, RTP/RTCP, HTTP/HTTPS, ARP, ICMP, DNS (A record, SRV, NAPTR), DHCP, PPPoE, SSH, TFTP, NTP, STUN, SIMPLE, TR-069, 802.1x, TLS, SRTP
Networking 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™ navigations control keys for HOME, MENU, SEARCH, RETURN
Voice Codec	Support for G.711u/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	Hold, transfer, forward (unconditional/no-answer/busy), call park/pickup, 5-way conference,

Features	shared-call-appearance (SCA)/bridged-line-appearance (BLA), virtual BLF/speed-dial extensions, downloadable phone book (XML, LDAP, up to 1000 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 features 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 and etc
Upgrade and Provisioning	Firmware upgrade via TFTP/HTTP/HTTPS or local HTTP upload, mass provisioning using TR-069 or AES encrypted XML configuration file
Power and 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 85mm (D) (handset on hook); Unit weight: 0.86kg; Package weight: 1.42kg
Temperature and Humidity	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 start guide
Compliance	FCC Part 15 (CFR 47) Class B; EN55022 Class B, EN55024, EN61000-3-2, EN61000-3-3, EN60950-1; AS/NZS CISPR 22 Class B, AS/NZS CISPR 24, RoHS; UL 60950 (power adapter)