

GXV3240

IP Multimedia Phone for Android™



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The GXV3240 combines a 6-line IP video phone with the power of a multi-platform video conferencing solution and the convenience of an Android smartphone to offer an all-in-one voice, video, data and mobility solution. The GXV3240 is a 6-line IP multimedia phone with a 4.3" capacitive touchscreen that runs on Android™ OS 4.2, which offers full access to the hundreds of thousands of Android apps in the Google Play Store – including business productivity apps such as Skype™, Microsoft Lync™, Salesforce1™ and GoToMeeting™. The phone features dual Gigabit ports, HD audio and HD video, a built-in web browser, integrated Wi-Fi (802.11b/g/n) for network flexibility, PoE and a tiltable CMOS camera. The GXV3240 is compatible with the GXP2200EXT Extension Module, allowing for quick and easy access to up to 160 contacts at the touch of a finger. The GXV3240's integrated Bluetooth allows users to sync calendars and contacts between their mobile phone and the GXV3240, use hands-free Bluetooth headsets, and to transfer calls between the GXV3240 and their mobile phone. By combining a state-of-the-art IP phone, an advanced video conferencing solution, and the powerful Android operating system, businesses throughout the world can now use the GXV3240 for all communication and productivity needs.

Key Features & Applications

- 6 lines with up to 6 SIP accounts including FREE IPVideoTalk account with video mail, up to 6-way audio conference and 3-way video conference, phonebook with up to 1000 contacts, call history with up to 1000 records
- Dual switched auto-sensing 10/100/1000Mbps Gigabit network ports, Wi-Fi (802.11b/g/n), PoE+, Bluetooth, USB, SD, HDMI, EHS with Plantronics headsets support, support for up to 4 cascaded GXP2200 EXT modules
- 4.3" (480×272) capacitive (5 points) touch screen TFT LCD, mega pixel CMOS sensor camera with privacy shutter
- HD wideband audio, full-duplex hands-free speakerphone with advanced acoustic echo cancellation
- Runs the Android™ Operating System 4.2 and offers full access to the Google Play Store - which includes thousands of business productivity apps such as Skype, Microsoft Lync, Salesforce1 & GoToMeeting
- Integrate with Grandstream's GXV series of IP video surveillance cameras to view live camera feeds and to receive alerts/alarms from IP cameras installed on the same network
- Offers a multi-platform video conferencing solution (Grandstream's Free IPVideoTalk, Skype, Microsoft Lync, and more)
- Create Android apps for any business need to run on the GXV3240 using Google's API and Grandstream's SDK toolkit.

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Technical Specifications

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-MED, LDAP, TR-069, 802.1x, TLS, SRTP
Network Interfaces	Dual switched 10/ 100/ 1000 Mbps ports with integrated PoE
Graphic Display	4.3"(480×272) capacitive (5 points) touch screen TFT LCD
Camera	Tilttable mega pixel CMOS camera with privacy shutter
Bluetooth	Yes, integrated. Bluetooth 4.0 + EDR
Wi-Fi	Yes, integrated. 802.11 b/g/n
Auxiliary Ports	RJ9 headset jack (allowing EHS with Plantronics headsets), USB, SD, Mini-HDMI, extension module port
Feature Keys	11 function keys for PHONEBOOK, BACKSPACE, HEADSET, MUTE, HOLD, MESSAGE, TRANSFER, CONFERENCE, SPEAKERPHONE, SEND/REDIAL, VOLUME. 3 dedicated Android keys for HOME, MENU, and BACK
Voice Codecs	Support for G.711μ/a, G.722 (wide-band), G.726-32, iLBC, Opus (pending), G.729 (pending), in-band and out-of-band DTMF (In audio, RFC2833, SIP INFO)
Video Codecs and Capabilities	H.264 BP/MP/HP, video resolution up to 480p, frame rate up to 30 fps, bit rate up to 2Mbps, 3-way video conference, anti-flickering, auto focus and auto exposure, PIP (Picture-in-Picture), on-screen-display, camera block, still picture capture/store, video recording, visual voice message indicator
Telephony Features	Hold, transfer, forward (unconditional/no-answer/busy), call park/pickup, 6-way audio conference, shared-call-appearance (SCA) / bridged-line-appearance (BLA), virtual MPK, downloadable phone book (XML, LDAP), call waiting, call history, boss-secretary virtual button, flexible dial plan, hot desking, personalized music ringtones, server redundancy & fail-over
Sample Applications	Skype, Google Hangouts, 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	Allows Android OS version 4.2 compliant applications to be developed, downloaded and run in the embedded device with provisioning control
HD Audio	Yes, both handset and speakerphone support HD (wide-band) audio
Base Stand	Yes, integrated stand with 2 adjustable angles. Wall mountable
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
QoS	Layer 2 QoS (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 more
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 included: Input 100-240VAC 50-60Hz; Output 12VDC, 1.5A (18W) Integrated PoE+ (Power-over-Ethernet) 802.3at, Class 4
Physical	Dimension: 196.5mm (W) x 206.2mm (L) x 85.2mm (H) Unit Weight: 0.92kg; Package Weight: 1.45kg
Temperature and Humidity	Operation: 0°C to 40°C, Storage: -10°C to 60°C, Humidity: 10% to 90% Non-condensing
Package Content	GXV3240 phone, handset with cord, base stand, universal power supply, network cable, lens cleaning cloth, quick installation guide, brochure, GPL license
Compliance	FCC: Part 15 (CFR 47) Class B; UL 60950 (power adapter) CE : EN55022 Class B, EN55024, EN61000-3-2, EN61000-3-3, EN60950-1, EN62479, RoHS RCM: AS/ACIF S004; AS/NZS CISPR22/24; AS/NZS 60950; AS/NZS 4268