

# GXV3240

## IP Multimedia Phone for Android™



### GXV3240

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 GXP2200 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

<b>Protocols / Standards</b>	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
<b>Network Interfaces</b>	Dual switched 10/ 100/ 1000 Mbps ports with integrated PoE
<b>Graphic Display</b>	4.3"(480×272) capacitive (5 points) touch screen TFT LCD
<b>Camera</b>	Tilttable mega pixel CMOS camera with privacy shutter
<b>Bluetooth</b>	Yes, integrated. Bluetooth 4.0 + EDR
<b>Wi-Fi</b>	Yes, integrated. 802.11 b/g/n
<b>Auxiliary Ports</b>	RJ9 headset jack (allowing EHS with Plantronics headsets), USB, SD, Mini-HDMI, extension module port
<b>Feature Keys</b>	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
<b>Voice Codecs</b>	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)
<b>Video Codecs and Capabilities</b>	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
<b>Telephony Features</b>	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
<b>Sample Applications</b>	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
<b>Applications Deployment</b>	Allows Android OS version 4.2 compliant applications to be developed, downloaded and run in the embedded device with provisioning control
<b>HD Audio</b>	Yes, both handset and speakerphone support HD (wide-band) audio
<b>Base Stand</b>	Yes, integrated stand with 2 adjustable angles. Wall mountable
<b>Extension Module</b>	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
<b>QoS</b>	Layer 2 QoS (802.1Q, 802.1p) and Layer 3 (ToS, DiffServ, MPLS) QoS
<b>Security</b>	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
<b>Multi-language</b>	English, German, Italian, French, Spanish, Portuguese, Russian, Croatian, Chinese, Korean, Japanese, and more
<b>Upgrade/Provisioning</b>	Firmware upgrade via TFTP / HTTP / HTTPS or local HTTP upload, mass provisioning using TR-069 or AES encrypted XML configuration file
<b>Power &amp; Green Energy Efficiency</b>	Universal power adapter included: Input 100-240VAC 50-60Hz; Output 12VDC, 1.5A (18W) Integrated PoE+ (Power-over-Ethernet) 802.3at, Class 4
<b>Physical</b>	Dimension: 196.5mm (W) x 206.2mm (L) x 85.2mm (H) Unit Weight: 0.92kg; Package Weight: 1.45kg
<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>	GXV3240 phone, handset with cord, base stand, universal power supply, network cable, lens cleaning cloth, quick installation guide, brochure, GPL license
<b>Compliance</b>	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