



# Integrated Video Communications Solution

## GXV3450

### High-End Smart Video Phone for Android™

The GXV3450 IP Video Phone for Android combines a 16-line IP video phone with a multi-platform video collaboration solution and the functionality of an Android tablet to offer an all-in-one communications solution. This IP video phone delivers a powerful experience through its' 5 inch 1280x720 capacitive touch screen, tiltable camera, dual microphones and support for 720p HD video. The GXV3450 adds dual Gigabit ports with PoE/PoE+, integrated Wi-Fi 5 and Bluetooth 5.0 support. It also runs Android 11 and offers instant access to hundreds of thousands of Android apps. By combining a state-of-the-art IP video phone, an advanced video collaboration solution, and the functionality of an Android tablet, the GXV3450 offers businesses throughout the world a powerful desktop communication and productivity solution.



16 lines with up to 16 SIP accounts



Built-in 2 mega-pixel CMOS camera for video calling with privacy shutter



Runs on Android 11 operating system



Built-in Bluetooth 5.0 for syncing with mobile devices and connecting Bluetooth headset



Dual-switched auto-sensing 10/100/1000mbps network ports



Integrated dual-band Wi-Fi 5 (2.4GHz & 5GHz)



Built-in PoE/PoE+ to power the device and give it a network connection



Dual MIC & HD speakerphone with noise shield 2.0, advanced echo cancellation & excellent double-talk performance



Quad-core 1.8GHz ARM Cortex A55 processor with 2GB RAM and 16GB eMMC Flash



5.0" (1280x720) capacitive 5-point touch screen HD TFT LCD



Peripherals include USB3.0, USB2.0, RJ9 headset with EHS



10-way audio conferencing & 3-way 720p 30fps HD video conferencing capability

<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, LLDP-MED, LDAP, TR-069, 802.1x, TLS, SRTP, IPv6, OpenVPN®
<b>Network Interfaces</b>	Dual switched 10/ 100/ 1000 Mbps ports with integrated PoE/PoE+
<b>Graphic Display</b>	5.0 inch 1280×720 capacitive touch screen (5 points) HD TFT LCD
<b>Camera</b>	Tiltable 2 mega-pixel CMOS camera with privacy shutter, 1080P@30fps
<b>Bluetooth</b>	Yes, integrated Bluetooth 5.0
<b>Wi-Fi</b>	Yes, dual-band dual-stream Wi-Fi 5(2.4GHz & 5GHz) with 802.11 a/b/g/n/ac
<b>Auxiliary Ports</b>	RJ9 headset jack (allowing EHS with Plantronics headsets), USB 2.0 port, USB 3.0 port
<b>Feature Keys</b>	11 functions keys for CONFERENCE, TRANSFER, SEND/REDIAL, MUTE, EARPHONE, SPEAKERPHONE, VOLUME +/-, 3 dedicated Android keys for HOME, RECENT, and BACK
<b>Voice Codecs and Capabilities</b>	Wide-band Opus, wide-band G.722, G.711µ/a, G.729A/B, G.726-32, iLBC, in-band and out-of-band DTMF (In audio, RFC2833, SIP INFO), VAD, CNG, AEC, PLC, A/B, AGC, ANS, Noise Shield 2.0
<b>Video Codecs and Capabilities</b>	H.264 BP/MP/HP, video resolution up to 720p, frame rate up to 30 fps, bit rate up to 2Mbps, 3-way video conference (720p@30fps), anti-flickering, auto focus and auto exposure
<b>Telephony Features</b>	Hold, transfer, forward (unconditional/no-answer/busy), call park/pickup, 10-way audio conference(including the host), shared-call-appearance (SCA) / bridged-line-appearance (BLA), virtual Programmable Key, downloadable contacts (XML, LDAP, up to 1000 items), call record(local and server), call log (up to 1000 records), call waiting, auto answer, XML customization of screen, flexible dial plan, personalized music ringtones and music on hold, server redundancy & fail-over
<b>Extension Module</b>	Yes, can power up to 4 GBX20 EXT modules which feature a 272x480 color LCD, 20 quick-dial/ BLF keys with dual-color LED, 2 navigation keys, and less than 1.2W power consumption per unit
<b>Sample Applications</b>	<ul style="list-style-type: none"> <li>Local apps: Contacts, Call History, File Manager, Programmable Key, Settings, Browser, Clock, Voicemail, Calculator, Recorder, GS Market, etc.</li> <li>Supports third-party Android apps</li> <li>API/SDK available for advanced custom application development</li> </ul>
<b>Android</b>	Runs Android 11.0
<b>Applications Deployment</b>	Support Android 11 compliant applications to be developed, downloaded and run on the device with provisioning control
<b>HD Audio</b>	Yes, 2 omnidirectional microphones, HD handset and speakerphone with support for wideband audio
<b>Base Stand</b>	Yes, desktop stand with three adjustable levels.
<b>Extension Module</b>	Yes, can power up to 4 GBX20 EXT modules which feature a 272x480 color 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, random default admin password, MD5 and MD5-session based authentication, 256bit-AES encrypted configuration file, TLS, SRTP, HTTPS, 802.1x media access control, anti-hacking secure boot
<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, GDMS
<b>Power &amp; Green Energy Efficiency</b>	Universal power adapter included: Input: 100-240VAC 50-60Hz; Output 12VDC 1.5A (18W) Integrated PoE* 802.3af Class 3, PoE+ 802.3at, Class 4 <i>*Must use PSU or PoE+ to power up the phone when using USB devices and/or 2 or more GBX20 expansion models.</i>
<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>	GXV3450 phone, handset with cord, base stand, universal power supply, network cable, screen cleaning cloth, quick installation guide
<b>Compliance</b>	FCC: Part 15 (CFR 47) Class B; UL 60950 (power adapter); Part68 (HAC) 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 Safety