GVC3200
Full HD Video Conferencing Solution

The **GVC3200** is a game-changing video conferencing system that combines the power of SIP, the ease of a plug-and-play platform and the unrivaled power of Android to make video conferencing and telepresence as easy and flexible as ever before. By combining state-of-the-art hardware featuring a built-in MCU with market leading flexibility and powerful video features, the GVC3200 eliminates traditional video conferencing barriers and is the ideal solution to add video conferencing to your business or to cost-effectively expand any third party SIP system.

Powerful Video Conferencing

The GVC3200's state-of-the-art hardware offers a powerful video conferencing and telepresence experience that increases business productivity and keeps all employees on the same page.

1080p HD — *Experience video resolutions up to 1080p*

12X Zoom — *A powerful 12x optical zoom offers robust video clarity*

3x HDMI — *Support for 3 screens offers a powerful video conferencing experience*

PTZ — *Local & far-end controllable PTZ camera with wide-angle lens*

9-way — *Embedded MCU to allow up to 9 video attendees*

Screen Sharing — *Share a computer screen to view a presentation or mark up document*

Access popular Android video apps

SIP — *GVC3200 is interoperable with any third party SIP video conferencing system*

Gigabit — *Experience the fastest possible connections speeds to maximize video quality*

WiFi — *Dual-band WiFi support offers mobility*

Easy Interoperability/Flexibility

The GVC3200 offers unrivaled flexibility since it is fully interoperable with any third party SIP video conferencing platform, including our IPVideoTalk Pro platform, as well as any Android video conferencing app.

5 Ways to Use the GVC3200

1. Grandstream's IPVideoTalk Pro cloud platform
2. Third Party SIP platforms
3. Android apps (Skype, Hangouts, etc)
4. Video conference bridge (extension on IP PBX)
5. Android and SIP - bridge Android video conferences with any SIP platform

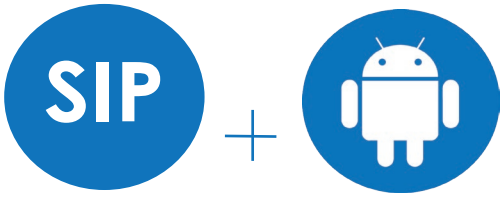
Easy to Use

The GVC3200 makes installing and using video conferencing as easy and intuitive as possible while offering access to robust video conferencing features.

Easily Schedule and Start Conference calls
Schedule conference calls in advance. The GVC3200 can remind attendees 10 minutes before start-time and automatically call all particpants.

Share a Computer Screen
Share a presentation with conference attendees or review a document

Bluetooth
Easily interact with the GVC3200 via the multi-touch Bluetooth remote, and use any 3rd party Bluetooth speaker/microphone



Use Android and SIP together
Bridge any Android app video conference with a SIP video conference to ensure that all members of the team can attend and participate.

Recording
Easily record all video conferences to document meetings, to use for trainings or any future use.

Easy-to-Install

By featuring one powerful piece of hardware that includes a built-in MCU, the GVC3200 is installed in just 3 simple steps, making implementing video conferencing as easy as possible. Even better, the GVC3200 comes with everything you need to setup, install and use it.

3-Step GVC3200 Installation

1. Plug in GVC3200 and connect to TV monitors
2. Connect GVC3200 to speaker/microphone
3. Connect GVC3200 to your network

GVC3200

Protocols/Standards	SIP RFC3261, BFCP, TIP (pending), RTP/RTCP, HTTP/HTTPS, ARP, ICMP, DNS (A record, SRV, NAPTR), DHCP, PPPoE, SSH, TFTP, NTP, STUN, LLDP-MED, LDAP (pending), TR-069, 802.1x, TLS, SRTP, TCP/IP/UDP, IPv6 (pending), FEC, FECC, (pending: H.323, H.245, H.225, H.235, H.241, H.460)
Camera	1/3" 2 Megapixel CMOS 1920Hx1080V@30fps
Lens	12x optical zoom, +/-23° tilt, +/- 90° pan, 70°(W)*- 6.3° (T) field of view
Network Interface	1× RJ45 10/ 100/ 1000 Mbps port
Wi-Fi	Yes, integrated dual-band 802.11 a/b/g/n (2.4GHz & 5GHz)
Bluetooth	Yes, integrated. Bluetooth 4.0 + EDR
Video Outputs	3x HDMI up to 1080p with CEC
Video Input	1x VGA/1x HDMI with resolution up to 1080p
Microphone/Speaker	External MIC/Speaker, built-in MIC, cascadable external MIC/speaker (pending)
Remote Control	Bluetooth remote control with multi-touch touchpad
Auxiliary Ports	1x USB 2.0, SD, external speaker port, reset pin
Graphic Display	OLED with 128x32 resolution
Voice Codecs	G.711μ/a, G.722 (wide-band), G.726-32, iLBC (pending), Opus, G.722.1, G.722.1c (pending), in-band and out-of-band DTMF (In audio, RFC2833, SIP INFO)
Video Codecs	H.264 BP/MP/HP, video resolution up to 1080p, frame rate up to 30 fps, bitrate up to 4Mbps
People Video Resolution	1080p from 512 Kbps, 720p from 384 Kbps, 4SIF/4CIF from 128 Kbps, SIF/CIF/QSIF/QCIF/SQSIF/SQCIF from 64 Kbps
Content Video Resolution	Input: VGA, SVGA, XGA, WXGA, WXGA, SXGA, 1440×900, 720p, 1600×1200, 1080p (HDMI), up to 60fps; Encoding: 1280×720, 1920×1080
Output Resolution	720p, 1080p
Embedded MCU	Up to 4-way 1080p conference, 5-way 720p conference, 9-way VGA conference
Dual-Stream	BFCP, people video (up to 1080p@30fps) + content video (up to 1080p@15fps, 720p@30fps)
Audio Features	AEC, ANS, AGC, PLC, CNG/VAD
Video Features	FEC, dynamic display layout, picture-in-picture, picture-outside-picture, digital caption (pending)
Platform Bridging	Bridge SIP calls with any Android VoIP apps such as Skype, Skype for Business, Google Hangouts and more
Telephony Features	Hold, transfer, forward (unconditional/no-answer/busy), call park/pickup, 9-way audio/video conference, downloadable XML phone book, LDAP (pending), call waiting, call history, flexible dial plan, personalized music ring tones, server redundancy & fail-over
Sample Applications	Skype, Google Hangouts, Skype for Business, Web browser, Facebook, Twitter, YouTube, Google calendar, mobile phone data import/export via Bluetooth, etc. API/SDK available for advanced custom application development
Application Deployment	Allows Android 4.4.2 compliant applications to be deployed in the device with provisioning control
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, 128/256-bit SRTP, HTTPS, 802.1x media access control
Multi-Language	English, German, Italian, French, Spanish, Portuguese, Russian, Turkish, Polish, 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/5A (60W)
Package Content	GVC3200 video conference system, external USB speaker/MIC, remote control, universal power supply, network cable (1.5 meters), USB extension cable (5 meters), mounting kit, 4 HDMI cables (one 1.5 meter cable, two 3 meter cables and one 5 meter cable), lens cover, quick installation guide, brochure, GPL license
Temperature and Humidity	Operation: 0°C to 40°C, Storage: -10°C to 60°C, Humidity: 10% to 90% Non-condensing
Compliance	FCC: Part 15 (CFR 47) Class B; UL 60950 (power adapter), Part 15C, Part 15E.407, Part 2.1091 CE: EN55022 Class B, EN55024, EN61000-3-2, EN61000-3-3, EN60950-1, EN62479, RoHS, EN301893, EN62311 RCM: AS/NZS CISPR22/24; AS/NZS 60950; AS/NZS 4268

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