SIP/Android Video Conferencing Solution

GVC3202

The GVC3202 is a ground-breaking solution that offers businesses a revolutionary video conferencing system with unprecedented flexibility and the power of support for multiple popular video conferencing protocols and platforms right out of the box. The SIP-based GVC3202 supports Grandstream’s robust IPVideoTalk platform for plug and play video conferencing while also being interoperable with any 3rd party SIP video conferencing platform - thus offering a great option to expand or implement a 3rd party platform. In comparison to Grandstream’s GVC3200, the GVC3202 offers a slightly lower capacity option for businesses looking for up to 3-way video-conferencing and support for up to 2 Full HD monitors. The GVC3202 sports an innovative, patent-pending embedded MCU that supports up to 3-way conferencing with local mixing between SIP and other protocols.
**Protocols/Standards**

**Camera**
- 1/3" 2 Megapixel CMOS 1920Hx1080V@30fps

**Lens**
- 9x optical zoom, +/-23° tilt, +/-90° pan, 70°(W)*- 6.3° (T) field of view

**Network Interface**
- 1× RJ45 10/100/1000 Mbps port

**Bluetooth**
- Yes, integrated. Bluetooth 4.0 + EDR

**Video Outputs**
- 2x 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 Codes**

**Video Codes**
- 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/QCIF/4QCIF/SQ CIF from 64 Kbps

**Content Video Resolution**
- Input: VGA, SVGA, XGA, WXGA, WXGA, SXGA, 1440x900, 720p, 1600x1200, 1080p (HDMI), up to 60fps; Encoding: 1280x720, 1920x1080

**Output Resolution**
- 720p, 1080p

**Embedded MCU**
- Up to 2-way 1080p conference, 3-way 720p conference, 3-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 Android VoIP apps

**Telephony Features**
- Hold, transfer, forward (unconditional/no-answer/busy), call park/pickup, 3-way audio/video conference, downloadable XML phone book, LDAP, call waiting, call history, flexible dial plan, personalized music ring tones, server redundancy & fail-over

**Sample Applications**
- 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**
- GVC3202 video conference system, GAC2500 Android Enterprise Conference Phone, remote control, 2 ABA batteries, universal power supply, network cable (1.5 meters), USB extension cable (5 meters), mounting kit, 3 HDMI cables (one 1.5 meter cable, one 3 meter cables and one 5 meter cable), lens cover, lens cleaning cloth, quick installation guide, GPL license

**Dimensions and Weight**
- Net weight: 5.75 Kgs; Gross weight per box: 7.86 Kgs; Unit Dimensions (L x W x H): 11.9" x 4.89" x 7.26"

**Temperature and Humidity**
- Operation: 0°C to 40°C; Storage: -10°C to 60°C; Humidity: 10% to 90% Non-condensing

**Compliance**
- 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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