

## Grandstream GVC3200 Video Conferencing System



Product Name: Grandstream GVC3200 Video Conferencing System

Manufacturer: -

Model Number: GVC3200

Please Note: This product has been discontinued. For an alternative, please see the Grandstream Video Conferencing Units.

### Grandstream GVC3200 Video Conferencing System

The Grandstream GVC3200 is a feature rich video conference solution which is well suited for all business sizes. Grandstream GVC3200 Features

- 1080p Full-HD video, up to 9-way video conferences, support for 3 monitor outputs through 3 HDMI outputs

- 9-way hybrid-protocol conferencing with no external MCUs/servers or extra software licenses

The GVC3200 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 system supports Grandstream's robust IPVideoTalk Pro cloud 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. Advanced Video Support &ndash; 1080p Full-HD video, up to 9-way video conferences, support for 3 monitor outputs through 3 HDMI outputs, and a PTZ camera with 12x zoom. State-of-the-art hardware &ndash; The GVC3200's extremely powerful hardware platform includes a sophisticated MCU engine allowing up to 9-way hybrid-protocol conferencing with no external MCUs/servers or extra software licenses; high performance hardware ISP (Image Signal Processing) engine that ensures an industry leading video experience. Easy Interoperability &ndash; It features industry leading flexibility as it can communicate with popular third-party SIP video conferencing platforms. It is also based on the Android operating system and therefore can utilise Android apps (for example, Skype and Google Hangouts) for video conferencing. Easy Installation &ndash; This open standard SIP system can be installed in three simple steps and features a built-in MCU in order to make installation as easy as possible. Easy to Use &ndash; Plug and Play connection to Grandstream's IPVideoTalk Pro video conferencing service makes setting up and using the GVC3200 easy. Users can also easily share content with other viewers by connecting their laptop or computer to the GVC3200 HDMI or VGA inputs.

Additionally, since it is based on Android 4.4, the GVC3200 offers full access to all video conferencing apps in the Google Play Store &mdash; such as Skype®,, Skype for Business®, Google Hangouts® and more. The GVC3200 sports an innovative, patent-pending embedded MCU that supports up to 9-way conferencing with local mixing between SIP and other protocols. The GVC3200 eliminates the traditional barriers to video conferencing and sets a new bar for business-class video conferencing solutions by offering industry-leading flexibility, interoperability, system compatibility, application richness and ease of use.

### Grandstream GVC3200 Technical Specifications

#### Protocols/Standards

- SIP RFC3261, BFCP, 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, TCP/IP/UDP, IPv6, FEC, FEC, H.323, Q.931, H.224, H.281, H.225.0, H.239, H.241, H.245, H.460.18 and H.460.19

#### Camera

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

## Grandstream GVC3200 Video Conferencing System

### Lens

1/2 12x optical zoom, +/-23deg; tilt, +/- 90deg; pan, 70deg;(W)\*- 6.3deg; (T) field of view

### Network Interface

1/2 1x; RJ45 10/ 100/ 1000 Mbps port

### Wi-Fi

1/2 Yes, integrated dual-band 802.11 a/b/g/n (2.4GHz & 5GHz)

### Bluetooth

1/2 Yes, integrated. Bluetooth 4.0 + EDR

### Video Outputs

1/2 3x HDMI up to 1080p with CEC

### Video Input

1/2 1x VGA/1x HDMI with resolution up to 1080p

### Microphone/Speaker

1/2 External MIC/Speaker, built-in MIC, cascable external MIC/speaker (pending)

### Remote Control

1/2 Bluetooth remote control with multi-touch touchpad

### Auxiliary Ports

1/2 1x USB 2.0, SD, external speaker port, reset pin

### Graphic Display

1/2 OLED with 128x32 resolution

### Voice Codecs

1/2 G.711μ/a, G.722 (wide-band), G.726-32, iLBC (pending), Opus, G.722.1, G.722.1c (pending), in-band and out-ofband DTMF (In audio, RFC2833, SIP INFO)

### Video Codecs

1/2 H.264 BP/MP/HP, video resolution up to 1080p, frame rate up to 30 fps, bitrate up to 4Mbps

### People Video Resolution

1/2 1080p from 512 Kbps, 720p from 384 Kbps, 4SIF/4CIF from 128 Kbps, SIF/CIF/QSIF/QCIF/SQSIF/SQCIF from 64 Kbps

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### Content Video Resolution

½ Input: VGA, SVGA, XGA, WXGA, WXGA, SXGA, 1440×900, 720p, 1600×1200, 1080p (HDMI), up to 60fps; Encoding: 1280×720, 1920×1080

### Output Resolution

½ 720p, 1080p

### Embedded MCU

½ Up to 4-way 1080p conference, 5-way 720p conference, 9-way VGA conference

### Dual-Stream

½ BFCP, people video (up to 1080p@30fps) + content video (up to 1080p@15fps, 720p@30fps)

### Audio Features

½ AEC, ANS, AGC, PLC, CNG/VAD

### Video Features

½ FEC, dynamic display layout, picture-in-picture, picture-outside-picture, digital caption (pending)

### Platform Bridging

½ Bridge SIP calls with any Android VoIP apps such as Google Hangouts and more

### Telephony Features

½ Hold, transfer, forward (unconditional/no-answer/busy), call park/pickup, 9-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

½ Google Hangouts, 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

½ Allows Android 4.4.2 compliant applications to be deployed in the device with provisioning control

### QoS

½ Layer 2 QoS (802.1Q, 802.1p) and Layer 3 (ToS, DiffServ, MPLS) QoS

### Security

½ User and administrator level passwords, MD5 and MD5-session based authentication, 256-bit

## Grandstream GVC3200 Video Conferencing System

AES encrypted configuration file, TLS, 128/256-bit SRTP, HTTPS, 802.1x media access control

Multi-Language

1/2 English, German, Italian, French, Spanish, Portuguese, Russian, Turkish, Polish, Chinese, Korean, Japanese, and more

Upgrade/Provisioning

1/2 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

1/2 Universal power adapter included: Input 100-240VAC 50-60Hz; Output 12VDC/5A (60W)

Package Content

1/2 GVC3200 video conference system, GAC2500 Android Enterprise Conference Phone, remote control, 2 AAA batteries, 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, lens cleaning cloth, quick installation guide, GPL license

Dimensions and Weight

1/2 Net weight: 5.06 Kgs

1/2 Gross weight per box: 7.8 Kgs

1/2 Unit Dimensions (L x W x H): 11.9" x 4.89" x 7.15"

Temperature and Humidity

1/2 Operation: 0°C to 40°C, Storage: -10°C to 60°C, Humidity: 10% to 90% Non-condensing

Compliance

1/2 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

**Please Enquire**

Options available for Grandstream GVC3200 Video Conferencing System :

**Require Grandstream PSU**

GVC3200 UK PSU (+£25.00), Not Required.