Grandstream GVC3210 Video Conferencing Endpoint



Product Name: Grandstream GVC3210 Video Conferencing Endpoint
Manufacturer: -
Model Number: GVC3210

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

Grandstream GVC3210 Video Conferencing Endpoint
The Grandstream GVC3210 is an innovative video conferencing endpoint ideal for small to medium businesses who seek an easy-to-use yet potent video conferencing solution. By supporting top-tier video resolutions up to 4K Ultra HD, the GVC3210 turns any video conference into a powerful, clear, enhancing experience. Designed to allow users to customise their solution according to their specific communication needs, the GVC3210 can be paired with most video and web conferencing services to create a multi-point conferencing system. This video conferencing endpoint runs on the AndroidTM operating system. This allows users to utilise any Android conferencing or communication application.
Grandstream GVC3210 Key Features

ï¿½ Sharp HD video resolutions up to 4k Ultra HD
ï¿½ Runs on Android 6.x operating system with full access to applications in the Google Play store
ï¿½ Built-in Bluetooth for use with Bluetooth speakers/ microphones, keyboards, data exchange, etc.
ï¿½ Integrated dual band WiFi to pair with video and web conferencing service
ï¿½ Built-in 4-MIC array with beam-forming, support for external audio equipment and innovative Noise Shield technology
ï¿½ Advanced camera with 16M pixel CMOS sensor, 90 FOV wideangle lens and ePTZ for easy camera view adjustments
ï¿½ Support for Miracast wireless content sharing to share a presentation with conference attendees
ï¿½ Integrated 1x HDMI in, 2x HDMI out, and 2x USB

The GVC3210 comes equipped with sophisticated Noise-Shield technology to block out background noise and maximise audio quality. Additional features include advanced 4-microphone array with beam-forming capability, a high-end 16M pixel CMOS sensor with ePTZ for easy camera view adjustments and Miracast wireless for convenient content sharing. This simple yet powerful video conferencing endpoint is the ideal choice for SMBs looking for a price-friendly option that still carries the high-end features needed to sustain high-quality business communications.
Grandstream GVC3210 - Technical Specifications
Protocols / Standards

ï¿½ SIP RFC3261, BFCP, TIP, RTP/RTCP, HTTP/HTTPS, ARP, ICMP, DNS (A record, SRV, NAPTR), DHCP, PPPoE, SSH, TFTP, NTP, STUN, LLDP-MED, LDAP, TR-069 (pending), 802.1x, TLS, SRTP, TCP/IP/UDP, IPv6, H.323

Camera

ï¿½ 1/2.3“, 16 Megapixel CMOS, 4K (2160p) Output

Lens

ï¿½ 90° field of view, ePTZ (3x digital zoom)

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Network Interface

ï¿½ 1x RJ4510/ 100/ 1000 Mbps

WiFi

ï¿½ Integrated dual-band 802.11 a/b/g/n/ac (2.4GHz & 5GHz)

Bluetooth

ï¿½ Integrated Bluetooth 4.0 + EDR

Video Outputs

ï¿½ 2x HDMI 1.4 up to 4K (2160p) with CEC

Video Input

ï¿½ 1x HDMI 1.4 with resolution up to 1080p

MIC/Speaker

ï¿½ Built-in 4x MIC array

Remote Control

ï¿½ Bluetooth and infrared remote control with multi-touch touchpad

Auxiliary Ports

ï¿½ 2x USB 2.0, micro-SD, Reset

Voice Codecs

ï¿½ Support for G.711μ/a, G.722 (wide-band), iLBC, Opus , G.722.1, G.722.1c ,G729A/B, in-band and out-of-band DTMF (In audio, RFC2833, SIP INFO)

Video Codecs

ï¿½ H.264 BP/MP/HP, video resolution up to 4K (2160p), frame rate up to 30 fps, bitrate up to 16Mbps

Video Resolutions

ï¿½ 4K (2160p@30fps) from 4096Kbps, 1080p@30fps from 1024Kbps, 720p@30fps from 512 Kbps, 4SIF/4CIF from 128 Kbps, SIF/CIF from 64 Kbps

4K Capability

ï¿½ Experience sharp video quality of up to 4K resolution*
ï¿½ 1. When the GVC3210 is using 4K resolution during video call, EPTZ is not supported. The GVC3210 supports 90° field of view. Please install GVC3210 at the position that suits the best conference view if you plan to use 4K resolution.
ï¿½ 2. When the GVC3210 is using 4K resolution, local recording is not supported.

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ï¿½ 3. When the GVC3210 is using 4K resolution, HDMI Out Port 2 is not supported. Users can only use HDMI Out Port 1 for one display.

Content Resolutions (screen sharing)

ï¿½ Input: VGA, SVGA, XGA, 1280×600, WXGA, WXGA, SXGA, 1440×900, XGA+, 720p, 1600×1200, 1080p (HDMI), up to 60fps
ï¿½ Encoding: 800×600, 1024×768, 1280×1024, 1280×720, 1920×1080
ï¿½ Output: 720p, 1080p

Dual-Stream

ï¿½ BFCP, video resolution (up to 4K 2160p@30fps) + content resolution (up to 1080p@15fps)

Audio Features

ï¿½ AEC, ANS, AGC, Noise Shield, PLC, CNG/VAD

Video Features

ï¿½ FEC, dynamic display layout, picture-in-picture, picture-outside-picture, digital caption

Telephony Features

ï¿½ Hold, forward (unconditional/no-answer/busy), downloadable phone book (XML, LDAP), call waiting, call history, flexible dial plan, personalized music ringtones, server redundancy & fail-over

Sample Applications

ï¿½ Google Hangouts, Microsoft Lync, Web browser, Adobe Flash, Facebook, Twitter, YouTube, Google calendar, mobile phone data import/export via Bluetooth, etc. API/SDK available for advanced custom application development

Applications Deployment

ï¿½ Allow various Android operation system 6.0 compliant applications to be developed, downloaded and run in the embedded device with provisioning control

QoS

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

Security

ï¿½ 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

ï¿½ English, German, Italian, French, Spanish, Portuguese, Russian, Turkish, Polish, Chinese, Korean, Japanese, and more

Upgrade/Provisioning

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ï¿½ Firmware upgrade via TFTP / HTTP / HTTPS or local HTTP upload, mass provisioning using AES encrypted XML configuration file

Power & Green Energy Efficiency

ï¿½ Input: 100~240Vac 50/60hz
ï¿½ Output: 12V/2A 24W

Package Content

ï¿½ GVC3210 video conference endpoint, remote control
ï¿½ 4 AAA batteries
ï¿½ Universal power supply
ï¿½ Network cable (1.5 meters)
ï¿½ 2 HDMI cables (1.5-meter and 5-meter)
ï¿½ Lens cleaning cloth
ï¿½ Mounting kit
ï¿½ Quick installation guide
ï¿½ GPL license

Dimensions and Weight

ï¿½ 80mm (H) x 46.5mm (W) x 270mm (L)

Temperature and Humidity

ï¿½ Operation: 0°C to 40°C
ï¿½ Storage: -10°C to 60°C
ï¿½ Humidity: 10% to 90% Non-condensing

Compliance

ï¿½ FCC: FCC Part 15B; FCC Part 15C; FCC Part 15E; UL 60950 (power adapter)
ï¿½ CE: EN 55032; EN 55024; EN 61000-3-2; EN 61000-3-3; EN 60950-1; EN 301 489-1/17;EN 300 328; EN 301 893; EN 62311; EN 62479; RoHS
ï¿½ RCM: AS/NZS CISPR 32/24; AS/NZS 60950.1; AS/NZS 4268
ï¿½ ANATEL

Please Enquire