Grandstream GAC2500 Audio Conferencing IP phone



Product Name: Grandstream GAC2500 Audio Conferencing IP phone
Manufacturer: Grandstream
Model Number: GAC2500

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The Grandstream GAC2500 is the ideal conference room solution as it delivers superb audio quality to all participants throughout conference rooms, board rooms and offices. It features support for 6 lines with up to 6 SIP accounts, a 4.3” capacitive touch screen, Gigabit Ethernet speeds, 7-way voice conferencing and daisy chain support.
Grandstream GAC2500 Key Features

ï¿½ 6 lines, 6 SIP accounts, 7-way voice conferencing
ï¿½ Bluetooth to support syncing of headsets and mobile devices
ï¿½ 4.3" (800 x 480) capacitive touch screen
ï¿½ Auto-sensing Gigabit port, built-in PoE support
ï¿½ Full HD audio support to maximise calling quality

The Android-based GAC2500 offers full access to all apps within the Google Play Store, including popular apps such as Skype and Google Hangouts. It delivers HD audio quality, automated provisioning for easy deployment, advanced security protection for privacy and broad interoperability with most 3rd party SIP devices and leading SIP/NGN/IMS platforms.
Grandstream GAC2500 Technical Specification
Protocols/Standards

ï¿½ SIP RFC3261, TCP/IP/UDP, RTP/RTCP, HTTP/HTTPS, ARP, ICMP, DNS (A record, SRV, NAPTR), DHCP, PPPoE, SSH, TFTP, NTP, STUN, SIMPLE, LLDP, LDAP, TR-069, 802.1x, TLS, SRTP, IPV6 (pending), OpenVPN (pending)

Network Interface

ï¿½ Auto-sensing Gigabit Ethernet port with integrated PoE+ (IEEE 802.3at Class4)

Graphic Display

ï¿½ 4.3” IPS LCD with 800 x 480 resolution

Mic

ï¿½ 3 cardioid microphones; 12 ft. pickup distance

Speakerphone

ï¿½ Frequency: 220-18,000 Hz
ï¿½ Volume: Up to 86 dB at 0.5 meter
ï¿½ Audio full duplex

Bluetooth

ï¿½ Yes, integrated. Bluetooth 4.0

Wi-Fi

ï¿½ Yes, integrated. 802.11 b/g/n

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Auxiliary Ports

ï¿½ 3.5mm audio port, USB Micro-B, RJ48 daisy chain port

Voice Codecs

ï¿½ Support for G.711µ/a, G.722, G.726, iLBC, Opus, G.722.1 and G.722.1c (pending), in-band and out-of-band DTMF (In audio, RFC2833, SIP INFO), G.729A/B, VAD, CNG, AEC, PLC, AJB, AGC

Telephony Features

ï¿½ 6 SIP accounts
ï¿½ Hold
ï¿½ Transfer
ï¿½ Forward
ï¿½ 7-way conference
ï¿½ Call park
ï¿½ Call pickup
ï¿½ Downloadable phonebook (XML, LDAP, up to 2000 items)
ï¿½ Call waiting
ï¿½ Call log (up to 500 records)
ï¿½ XML customisation of screen
ï¿½ Auto answer
ï¿½ Click-to-dial
ï¿½ Flexible dial plan
ï¿½ Hot desking
ï¿½ Personalised music ringtones and music on hold
ï¿½ Server redundancy
ï¿½ Fail-over

Sample Applications

ï¿½ Skype
ï¿½ Google Hangouts
ï¿½ Skype for Business (Lync)
ï¿½ Web browser
ï¿½ Adobe Flash
ï¿½ Facebook
ï¿½ Twitter
ï¿½ YouTube
ï¿½ Google Calendar
ï¿½ Mobile phone data import/export via Bluetooth, etc. API/SDK available for advanced custom application development

HD Audio

ï¿½ HD speakerphone with support for wideband audio

QoS

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

Security

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ï¿½ User and administrator level passwords, MD5 and MD5-sess based authentication, 256-bit AES encrypted configuration file, TLS, SRTP, HTTPS, 802.1x media access control

Multi-language

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

Upgrade/Provisioning

ï¿½ 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

ï¿½ Universal Power Supply: Input:100-240VAC 50-60Hz; Output:12VDC,2A (24W)

Physical

ï¿½ Unit dimension: 280mm(W) x 285mm(L) x 60mm(H)
ï¿½ Unit weight: 1.34kg
ï¿½ Package weight: 2.35kg

Temperature and Humidity

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

Package Content

ï¿½ GAC2500 phone
ï¿½ Universal power supply
ï¿½ Network cable
ï¿½ USB cable
ï¿½ RJ48 cascade cable
ï¿½ Quick Installation Guide

Compliance

ï¿½ FCC: Part 15 (CFR 47) Class B; UL 60950 (power adapter) 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

Price: £315.80

Options available for Grandstream GAC2500 Audio Conferencing IP phone :

Need Product Setup / Training / Support?

Required - 30 minutes (+£40.00), Not Required, Required - 1 Hour (+£65.00).

Compatible Headsets

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JPLConnect-2 binaural headset and disconnect cord (+£76.25), Not Required, JPL Connect-1 monaural headset and disconnect cord (+£65.20).

Compatible Wireless Headsets

Plantronics CS520 Binaural wireless EHS headset (+£235.89), Not Required, Jabra Pro 920 Mono DECT Wireless Headset (+£119.80), Plantronics CS540 EHS Wireless headset (+£190.06), Jabra GN1000 headset lifter (+£18.00).