

Grandstream GSC3506 V2 SIP Intercom Speaker



Product Name: Grandstream GSC3506 V2 SIP Intercom Speaker

Manufacturer: Grandstream

Model Number: GSC3506-V2

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The Grandstream GSC3506 V2 is a high-performance SIP-based paging speaker designed for reliable and versatile audio solutions. With a 30W output, it delivers crystal-clear sound for paging, notifications, and music. Perfect for indoor and outdoor use, the GSC3506 V2 integrates seamlessly with SIP and multicast systems, offering a flexible and scalable communication solution for various environments.

Grandstream GSC3506 V2 Key Features

- 30W high-fidelity speaker with HD acoustic chamber
- Supports SIP paging, multicast paging, call waiting with priority override, and more
- Supports full-band and wide-band audio codecs such as Opus & G.722
- Includes 1x 3-pin differential line out port
- One 10/100Mbps network port with PoE/PoE+/PoE++
- Wide-area sound distribution with high efficiency

The GSC3506 V2 is a high-performance multicast paging speaker designed to deliver powerful and reliable paging and public address solutions. Ideal for offices, schools, hospitals, apartments, and more, it enhances security and communication across various environments. Equipped with a high-fidelity 30-watt HD speaker, the GSC3506 V2 ensures crystal-clear audio quality for announcements and notifications.

This SIP-based speaker supports multicast paging, group paging, and push-to-talk (PTT), while built-in blocklists and allowlists make it easy to block unwanted calls. With its sleek design, robust HD audio, flexible integrations, and advanced features, the GSC3506 V2 is the ultimate choice for creating a cutting-edge security and paging solution in any setting.

Grandstream GSC3506 Technical Specification

Product Specifications

- Protocols/Standards: SIP RFC3261, TCP/IP/UDP, RTP/RTCP, RTCP-XR, HTTP/HTTPS, ARP, ICMP, DNS (A record, SRV, NAPTR), DHCP, PPPoE, SSH, TFTP, NTP, STUN, LLDP-MED, SIMPLE, LDAP, TR-069, 802.1x, TLS, SRTP, IPv6, OpenVPN®;
- Network Interfaces: One 10/100 Mbps port with integrated PoE/PoE+/PoE++
- Auxiliary Port: One 2-pin switch-in input port, one Alarm-in input port, vol+/- Key, reset, one network port
- USB Port: USB2.0, External USB Storage
- Voice Codecs and Capabilities: G.711µ/a, G.722 (wide-band), G.726-32, iLBC, Opus, G.723, G.729A/B, in-band and out-ofband DTMF (In audio, RFC2833, SIP INFO), VAD, CNG, PLC, AJS, AGC, ANS
- Telephony Features: SIP Paging, Multicast Paging, Group Paging, PTT, call-waiting with priority override
- HD Audio: Yes, HD speaker with support for full-band audio
- Speaker: 30W high-fidelity HD speaker (coaxial)
- Frequency: 110Hz-20000 Hz
- Sensitivity: Up to 95 dBA at 1W power at 1 meter

• 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,

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

½ Multi-language: English, German, French, Spanish, Portuguese, Russian & Chinese

½ Upgrade/Provisioning: Firmware upgrade via TFTP / HTTP / HTTPS or local HTTP upload, mass provisioning using GDMS/TR069 or AES encrypted XML configuration file

½ Power & Green Energy Efficiency: 2-pin DC input: 24VDC/2.5A, Integrated PoE 802.3af Class 3, PoE+ 802.3at Class 4, PoE++ 802.3bt Class 6

½ Temperature and Humidity: Operation: 0°C to 45°C Storage: -10°C to 60°C, Humidity: 10% to 90% Non-condensing

½ Package Content: GSC3506 V2, Mounting hole cut-Out template, Ceiling mount kit (optional), Quick installation guide

½ Physical Unit Dimensions: 257.5mm (diameter) x 118mm (depth)

½ Unit Weight: 2.14kg

½ Box Weight: 2.76kg

½ Compliance:

½ FCC: FCC 47 CFR Part 15 Subpart B

½ IC: ICES-003

½ CE: EN 55032; EN 55035; EN IEC 61000-3-2; EN 61000-3-3; EN IEC 62368-1.

½ UKCA: BS EN 55032; BS EN 55035; BS EN IEC 61000-3-2; BS EN 61000-3-3; BS EN IEC 62368-1.

½ RCM: AS/NZS CISPR 32; AS/NZS 62368.1

Price: £116.40