Multicast Paging Speaker
GSC3506 V2

The GSC3506 V2 is a multicast paging speaker that provides a powerful paging and public address solution to expand security and communication throughout offices, schools, hospitals, apartments, and more. This high-performance SIP speaker offers crystal clear HD audio thanks to a high-fidelity 30-watt HD speaker. The GSC3506 V2 supports SIP and multicast paging, group paging, push-to-talk (PTT), and offers built-in whitelists, blacklists, and greylists to easily block unwanted calls. Thanks to a sleek design, powerful HD speaker, flexible integrations, and advanced features, the GSC3506 V2 allows users to create a state-of-the-art security and paging solution for any setting.
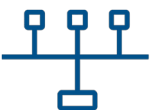
30W high-fidelity speaker with HD acoustic chamber

Supports SIP paging, multicast paging, call-waiting with priority override, and more

Supports full-band and wide-band audio codecs, including Opus and G.722

1x 3-pin differential line out port

Ports include 1x 2-pin switch-in input, 1x alarm-in input, 1x DC24V, 1x network, and 1x USB port; Keys include volume up/down, and reset

One 10/100Mbps network port with PoE/PoE+/PoE++

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	1x 10/100 Mbps port with integrated PoE/PoE+/PoE++
Auxiliary Ports	1x 2-pin switch-in input port, one alarm-in input port, 1x differential line out port, 1x network port, 1x DC24V port, volume up and down key (+/-), reset
USB Port	USB 2.0, supports external USB storage devices
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, AJB, AGC, ANS
Telephony Features	SIP paging, Multicast paging, Group paging, Push-to-talk (PTT), Call-waiting with priority override
HD Audio	HD speaker with support for full-band audio
Speaker	30W high-fidelity HD speaker (coaxial) Frequency: 110Hz-20000 Hz Sensitivity: Up to 99 dBA at 1W power at 1 meter
QoS	Layer 2 QoS (802.1Q, 802.1p) and Layer 3 (ToS, DiffServ, MPLS) QoS
Memory	256MB RAM
Security	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, secure boot
Multi-language	English, German, French, Spanish, Portuguese, Russian, and Chinese
Upgrade/Provisioning	Firmware upgrade via TFTP / HTTP / HTTPS or local HTTP upload, mass provisioning using GDMS/TR069 or AES encrypted XML configuration file
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
Temperature and Humidity	Operation: 0°C to 45°C Storage: -10°C to 60°C, Humidity: 10% to 90% Non-condensing
Package Content	GSC3506 V2, mounting hole cut-out template, ceiling mount kit (optional), quick installation guide
Physical	Unit Dimensions: 257.5mm (diameter) x 118mm (depth) Unit Weight: 2.14kg , Box Weight: 2.76kg
Compliance	FCC: FCC 47 CFR Part 15 Subpart B IC: ICES-003 CE: EN 55032:EN 55035; EN IEC 61000-3-2: EN 61000-3-3; EN IEC 62368-1. UKCA: BS EN 55032;BS EN 55035;BS EN IEC 61000-3-2;BS EN 61000-3-3;BS EN IEC 62368-1 RCM: AS/NZS CISPR 32:AS/NZS 62368.1