

GSC3518HS

SIP/Multicast Talk-Back Horn Speaker



The GSC3518HS is a SIP/multicast talk-back horn speaker that provides crystal clear HD audio, a high-fidelity 50-Watt speaker, and IP66-rated water and dust protection. Ideal for outdoor campuses, public spaces, large offices, school playgrounds, hospitals, parks, warehouses, and more, the GSC3518HS provides a powerful outdoor announcement solution that expands security and communication. This high-powered SIP speaker includes 3 microphones, AI-based background noise reduction, and intelligent text-to-speech to ensure every word is heard clearly in talk-back scenarios. The GSC3518HS supports PoE++ input and PoE+ output, catering to device cascading scenarios. Thanks to its' modern industrial design and extensive features, the GSC3518HS is an ideal SIP talk-back horn speaker for any setting, allowing users to easily build a powerful intercom, security, and public-address announcement solution.



High-powered 50W speaker with maximum volume up to 126dBA for expansive coverage



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



Full-band and wide-band audio codec support, including Opus & G.722



1x 10/100Mbps network port with PoE/PoE+/PoE++ input, and 1x 10/100Mbps network port with PoE/ PoE+ output



Includes differential LINE IN and LINE OUT connections



3 microphones, AI noise reduction, intelligent text-to-speech (TTS) support



Supports Airplay, ONVIF, RTSP/HTTP streaming, local audio files, and mobile app playback



IP66-rated waterproof and dustproof; made with durable PC + ABS material and a stainless steel mounting bracket to support harsh outdoor environments

Software

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®
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-of-band 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
QoS	Layer 2 QoS (802.1Q, 802.1p) and Layer 3 (ToS, DiffServ, MPLS) QoS
Security	User and administrator level passwords, 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

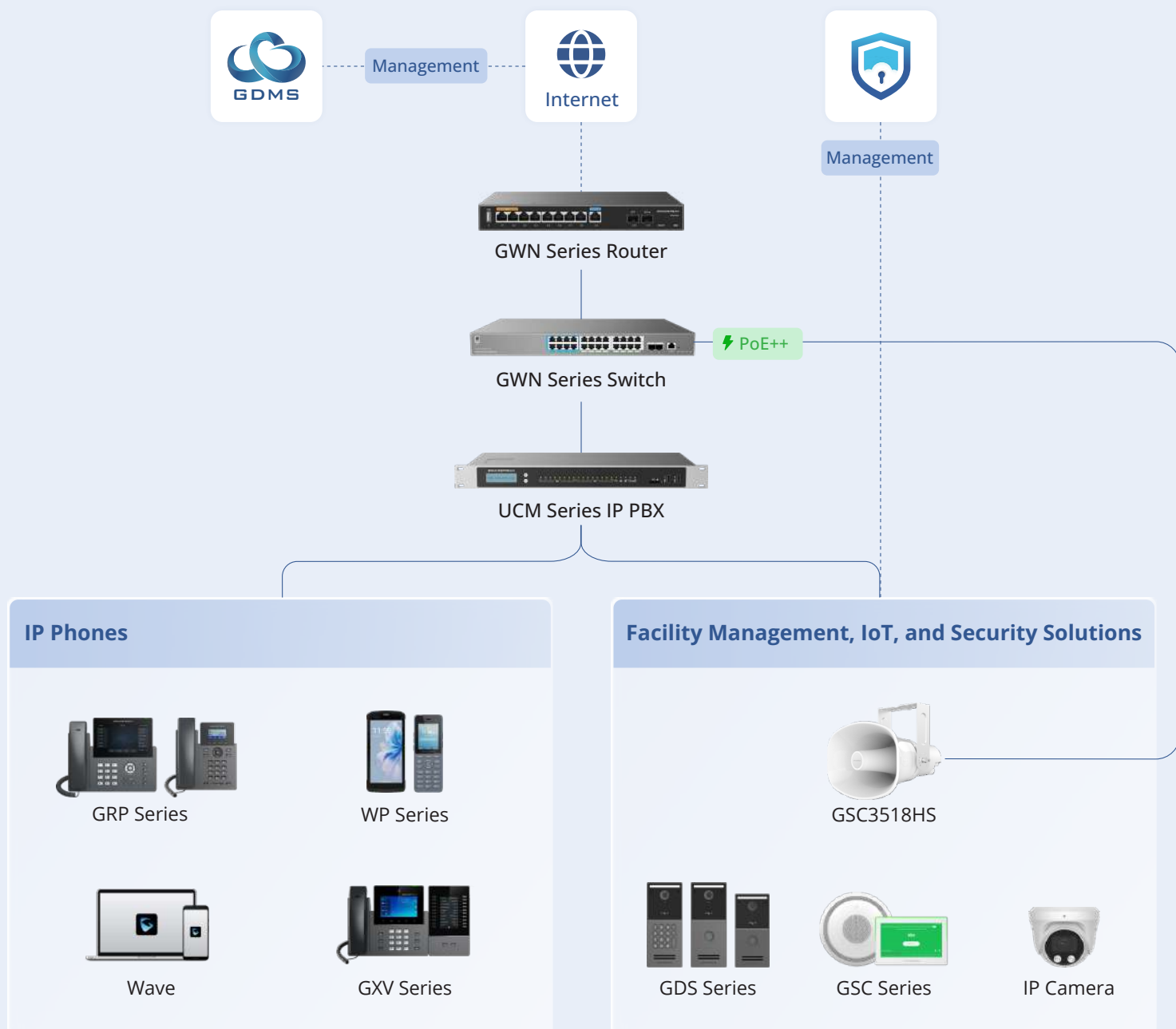
Hardware

Network Interfaces	1x 10/100 Mbps port with integrated PoE/PoE+/PoE++ input 1x 10/100 Mbps port with integrated PoE/PoE+ output
Auxiliary Port	2x 2-pin Switch-in input ports, 1x 2-pin Switch-out output port, 1x differential line in port, 1x differential line out port, 2x network ports, 1x DC24V-48V port, reset
Speaker	50W high-fidelity speaker Frequency: 270Hz-13.2KHz Sensitivity: Up to 109 dBA at 1m/1W(1 kHz)
Max SPL	Up to 126dBA
Microphone	3 Built-in microphones with 26.25 feet (8m) pickup distance
Power & Green Energy Efficiency	PoE++ Input, complies with IEEE 802.3bt standard, Class 8, Max power 71 Watt, Max Input voltage 57V; PoE+ Output, complies with IEEE 802.3at standard, Class 4, Max power 25 Watt, DC IN 24V/4A - 48V/2A

General

Ingress Protection	IP66-rated, waterproof cable gland
Installation Type	Wall Mount, Pole Mount
Temperature and Humidity	Operation: -30°C to +60°C, Storage: -40°C to +60°C Humidity: 10% to 90% Non-condensing
Package Content	GSC3518HS Horn Speaker, mounting kit, quick installation guide
Physical	Unit Dimensions: 324.6mm(L) x 285.3mm(W) x 204.3mm(H) Unit Weight: 2.870kg (with mounting kits) Package Weight: 3.913kg
Material	PC + ABS (Polycarbonate-Acrylonitrile Butadiene Styrene), Aluminum back cover, Stainless steel mounting bracket
Compliance	FCC, IC, CE, RCM

Convergence of Grandstream's UC, Facility Management, and IoT Solutions



* Remote management of GSC3518HS via SecureAccess App coming soon



Enterprise Offices & Campus

Multi-floor, multi-zone paging with playback cascading delivers clear and flexible corporate announcements



Schools & Educational Institutions

Priority paging and two-way talk-back covers playgrounds, classrooms, and hallways, ensuring smooth communication and safety



Industrial & Factory Environments

50W speakers with IP66-rated protection provides clear audio across noisy production lines and warehouses



Public Spaces & Outdoor Areas

Supports multimedia playback and real-time text-to-speech, ideal for instant announcement at parks, plazas, and transportation hubs