GEN-6214A01 Network Ceiling Speaker





Bluetooth SIP POE Multicast

INTRODUCTION

GEN-6214A01 is a PoE-powered network ceiling speaker that supports SIP and VMS calls, up to 20 multicast streams, storage for 20 audio files, priority management, scheduled playback, HTTP API-triggered custom event actions, and connection to up to one external slave speaker for hotels, stores, and similar commercial applications.

MAIN FEATURES

- **Multi-Source Audio Reception:** Supports reception of SIP audio, ONVIF audio, Bluetooth audio, and multicast streams.
- **Local Audio Storage:** Built-in 80 MB local storage for up to 20 WAV/MP3 audio files.
- **Control I/O and Slave Speaker Interface:** Provides two control inputs and one external slave speaker interface.
- **HTTP API Trigger:** Supports HTTP API for triggering local file playback.
- **Full-Range Speaker Design:** Features a full-range speaker design with ABS housing.
- **Scheduled Playback:** Built-in scheduler for timed playback of local audio files.
- **PoE / PoE+ Power Supply:** Supports PoE / PoE+ power supply.

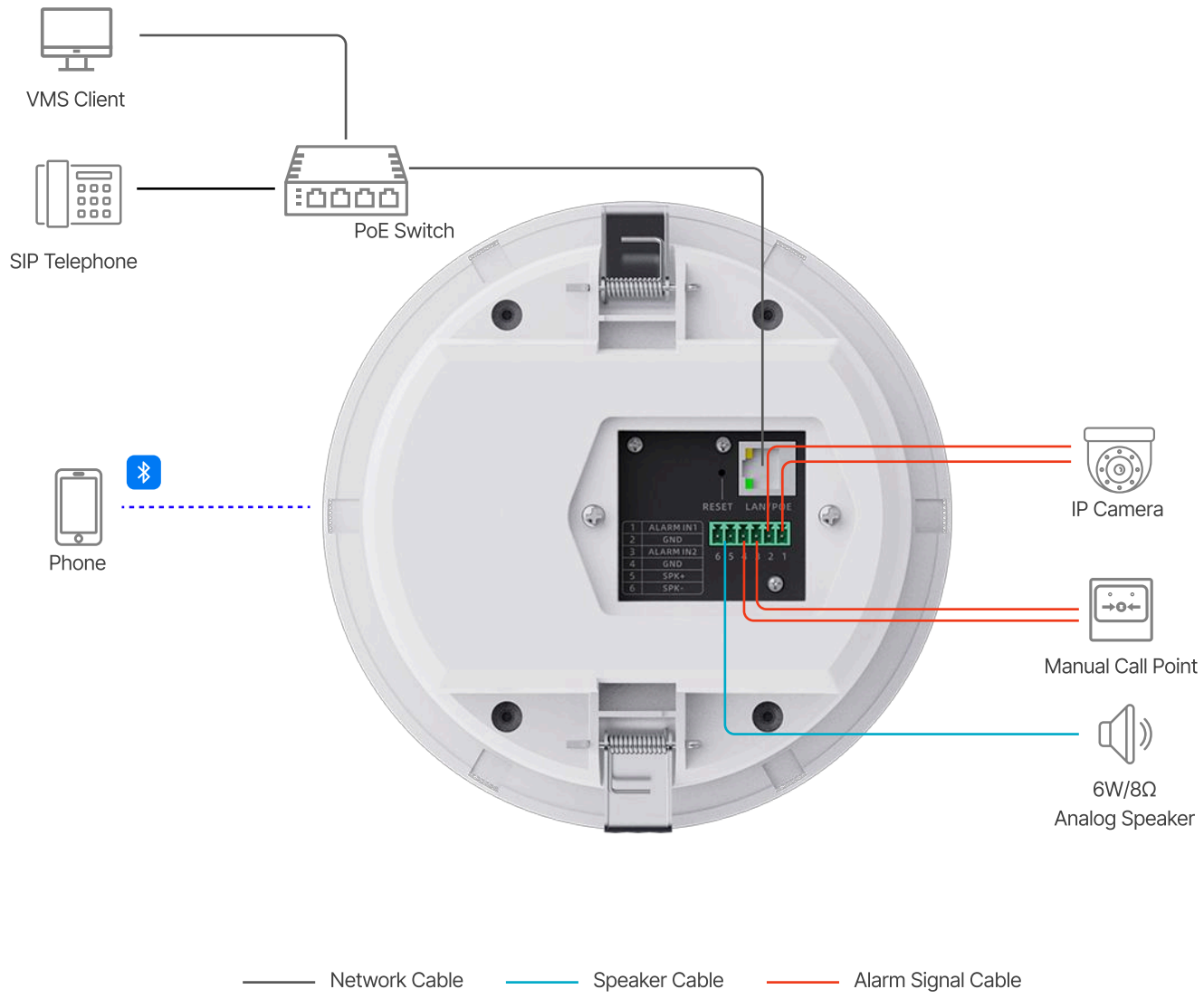
PARAMETERS:

Network Interface	10/100Base-TX, RJ45
PoE	IEEE 802.3af/at
Network Protocols	TCP/IP, UDP, HTTP, RTP, RTSP, ARP, ICMP, NTP, SIP, ONVIF, DHCP
Configuration	Web interface or DevConfig Tool
Audio Transmission	Multicast, up to 20 streams (editable)
Audio Codec	Opus, PCMU (G.711u), PCMA (G.711a), G.722
Audio File Format	WAV, MP3
Audio Storage	80 MB local storage, up to 20 audio files
Audio Stream	WAV 8/16/22/44.1/48 kHz, 8/16-bit, mono/stereo; MP3 32/44.1/48 kHz, 64–320 kbps, CBR/VBR, mono/stereo
Bluetooth Input	1 × 2.4 GHz
Frequency Response	140 Hz to 20 kHz
SNR	⩾90 dB
Amplifier	Built-in Class-D amplifier
Rated Power	6 W (PoE/PoE+)
Speaker Component	6" full-range unit
Sensitivity	91 dB (1 m / 1 W / 1 kHz)
Max. SPL	98 dB (1 m / 6 W / 1 kHz)
Coverage Pattern	884 Hz H210° / V210°; 1.77 kHz H94° / V94°; 3.54 kHz H54° / V54°; 7.07 kHz H30° / V30°
Control Input	2
External Slave Speaker Interface	1 × 6 W / 8 Ω
Reset Button	1
Housing Material	Iron mesh, ABS
Color	White
Mounting	Recessed installation
Application Environment	Indoor
Operating Temperature	0°C to +50°C
Operating Humidity	⩽90% RH, non-condensing
Dimensions	Φ186 × 113 mm
Package Dimensions	190 × 190.130 mm
Cutout Dimension	Φ170 mm
Weight	1.25 kg
Warranty	2 Years

ACCESSORIES:

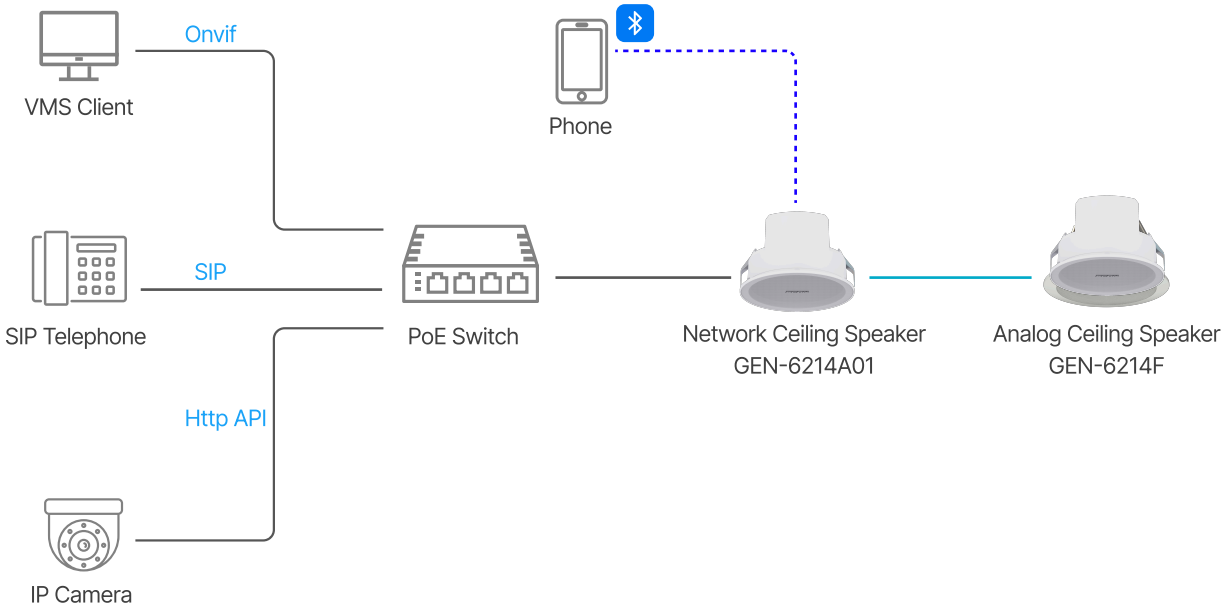
ACCESSORIES	1 × 6-pin terminal (3.81 mm)

CONNECTION DIAGRAM

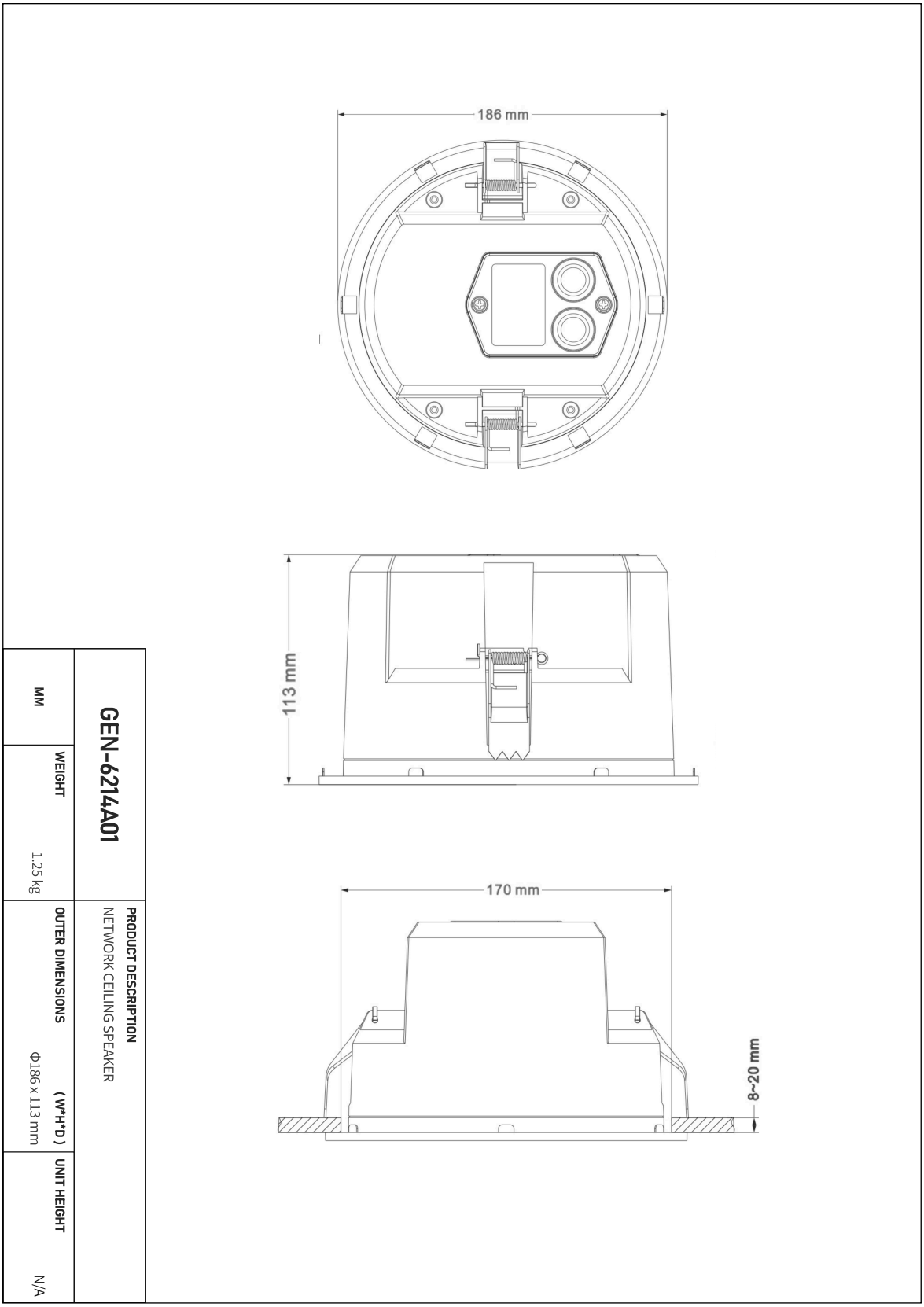


APPLICATION

The GEN-6214A01 network ceiling speaker supports direct calls from SIP or VMS platforms and includes 1 analog speaker interface for connecting one 8Ω 6W speaker, offering better sound coverage. It also features Bluetooth for mobile audio playback, making it ideal for retail environments.



DIMENSION



GEN-6214A01	WEIGHT	MM
PRODUCT DESCRIPTION	OUTER DIMENSIONS (W*H*D)	UNIT HEIGHT
NETWORK CEILING SPEAKER	Φ186 x 113 mm	N/A