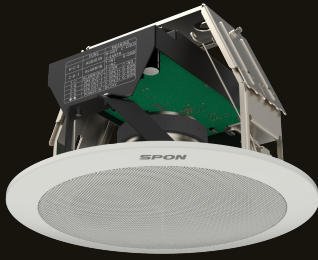# GEN-6213A01

Network ceiling speaker

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The GEN-6213A01 is a PoE/DC-powered ceiling speaker that supports SIP and VMS calls, handles up to 20 multicast streams, and stores 20 audio files. It features priority management, timers, custom event actions (via HTTP API), and supports up to three external constant impedance speakers, ideal for use in hotels, stores, and similar settings.

SIP   **Onvif**   **POE**   **Multicast**   ✳

MAIN FEATURES

🔺 Audio Integration and Flexibility

The GEN-6213A01 supports various audio protocols, including SIP (for VoIP communication), ONVIF (for audio backchannel in video management systems), and multicast (supporting up to 20 addresses). This allows it to easily integrate with existing IP networks and various systems.

🔺 Local audio file storage and playback

The device has built-in storage that supports up to 20 audio files (total capacity of 80MB), which can play WAV and MP3 formats. It supports various playback modes, including scheduled playback, repeat, and interval playback, making it ideal for applications such as timed announcements and emergency broadcasts.

🔺 Easy installation and control

The speaker features a simple design with spring clamp installation, making the setup process quick and easy. Additionally, the GEN-6213A01 supports remote control via HTTP commands or physical inputs to trigger playback. It includes 2 control inputs and 1 control output, facilitating easy integration with other devices.

SPECIFICATION

Power Parameters

Power Supply	DC24V PoE (IEEE802.3af/at)
Power Cons	≤3W

Audio & Interface Parameters

Power Output	4*3W（Use DC 24V） 4*3W（Use POE/POE+）
Frequency Response	100~16KHz
Sensitivity	90dB
Max SPL	95dB
Audio Trans	Multicast , ×20(Editable)
Audio Codec	Opus, PCMU (G.711u), PCMA (G.711a), G.722
Audio Input	×1, Line/Mic input(Balanced,Switchable)
Input Sensitivity	-10dB(Line) , -20dB(Mic)
Control Input	×2
Control Output	×1
Speaker interface	×3
Bluetooth Input	×1 ,2.4GHz
Audio Storage	Max 20 audio files ,80MB
Audio File Format*	WAV，MP3

Network Parameters

Network I/F	100BASE-TX ,RJ45 Connector
Network Protocol	TCP/IP,UDP,HTTP,RTP,RTSP ARP,ICMP,NTP,SIP,ONVIF
Config Method	Web Interface or DevConfig Tool

Mechanical & Environment Properties

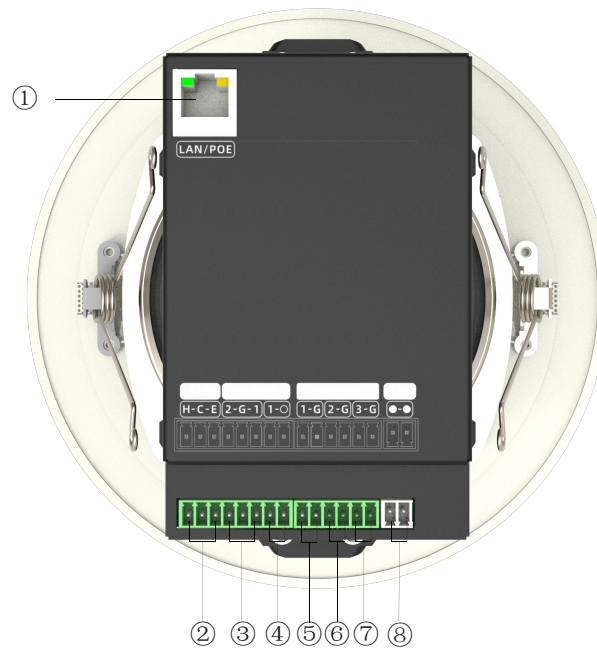|	
Mounting Method	Recessed Installation
Install Env	Indoor Locations
Working Temp	-10°C~+50°C
Housing Material	Sheet Metal,ABS
Color	White
Dimensions	φ180*120.5mm
Hole Dimension	φ150mm
Weight	630g
Warranty	2 Years

ACCESSORIES

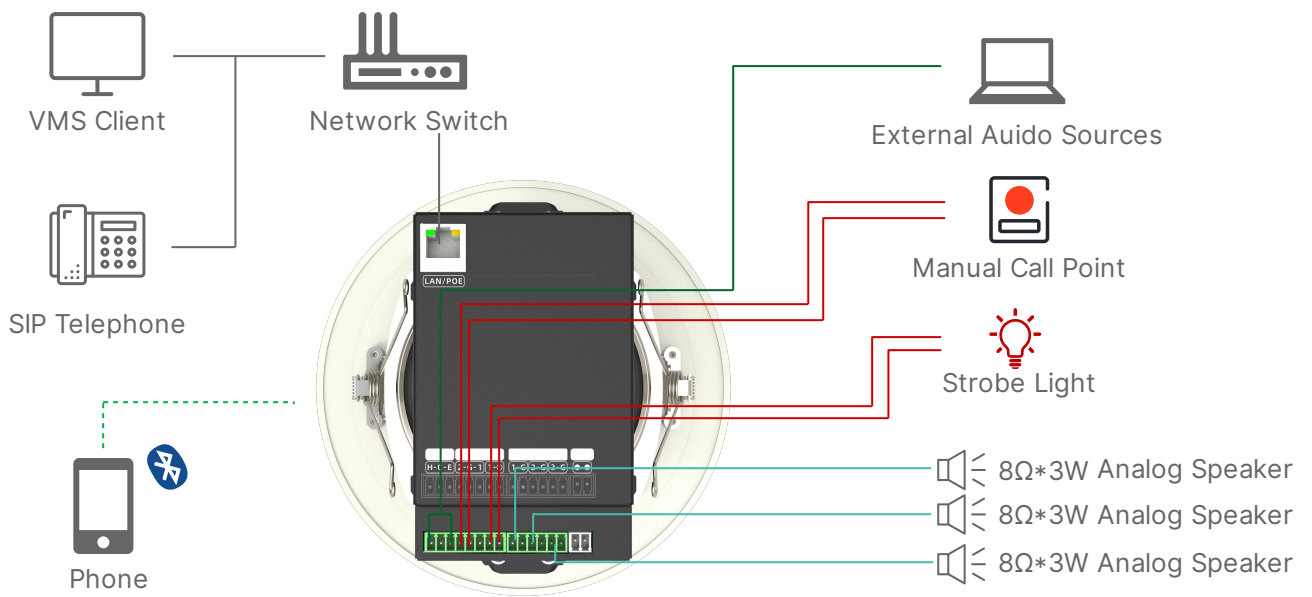1×2pin Terminal(3.81-2P)

1×6pinTerminal(3.5-6P)

1×8pin Terminal(3.5-8P)
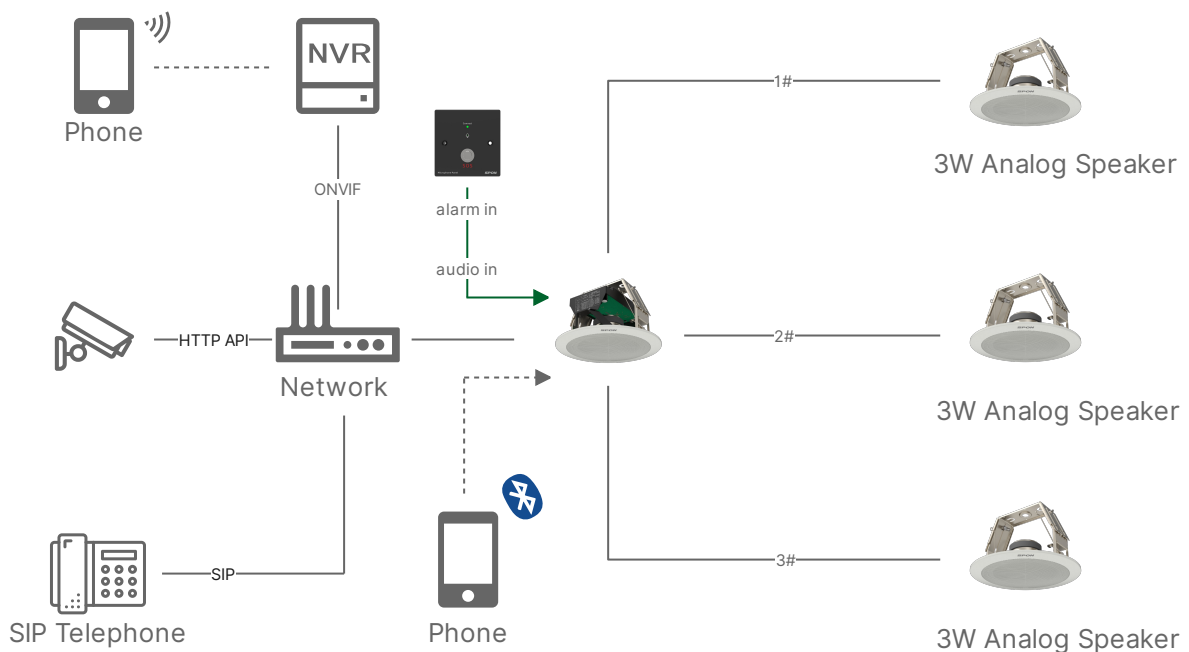
1 × Installation Manual

INTERFACE DESCRIPTION

①RJ45 Connector

②Line/Mic Input Terminal

③Alarm Input Terminal

④Alarm Output Terminal

⑤Speaker Output 1#Terminal

⑥Speaker Output 2#Terminal

⑦Speaker Output 3#Terminal

⑧Power Input

CONNECTION DIAGRAM

VMS Client

Network Switch

External Auido Sources

SIP Telephone

Manual Call Point

Strobe Light

Phone

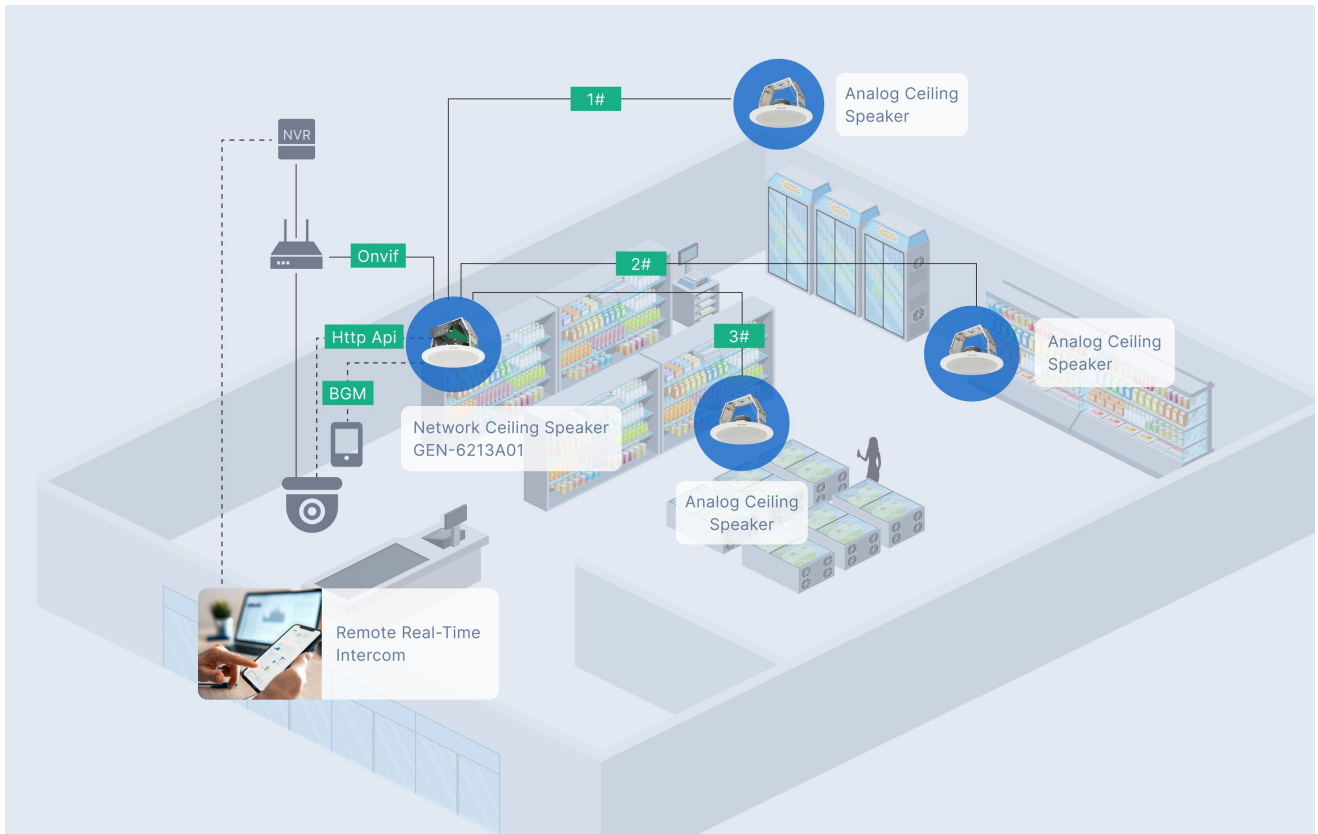8Ω*3W Analog Speaker

8Ω*3W Analog Speaker

8Ω*3W Analog Speaker

APPLICATION

The GEN-6213A01 network ceiling speaker supports direct calls from SIP or VMS platforms and includes three analog speaker interfaces for connecting up to three 8Ω 3W speakers, offering better sound coverage. It also features Bluetooth for mobile audio playback, making it ideal for retail environments.

Phone

NVR

1#

3W Analog Speaker

ONVIF

alarm in

audio in

HTTP API

Network

2#

3W Analog Speaker

SIP

SIP Telephone

Phone

3#

3W Analog Speaker

RETAIL STORE APPLICATION

NVR

Onvif

Http Api

BGM

1#

2#

3#

Analog Ceiling Speaker

Network Ceiling Speaker GEN-6213A01

Analog Ceiling Speaker

Analog Ceiling Speaker

Remote Real-Time Intercom

INSTALLATION

140 mm (5.51")

120.5 mm (4.74")

⌀180 mm (7.09")

Mounting Hole Size
φ150mm

Bracket

Maximum 50mm

Butterfly bolt

Sliding rack

Ceiling

Base of spring

V-shaped spring

Network ceiling speaker

Push up