GEN-6214A01

Network ceiling speaker

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The GEN-6214A01 is a PoE 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** **Bluetooth**

MAIN FEATURES

▲ **Audio Integration and Flexibility**

The GEN-6214A01 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-6214A01 supports remote control via HTTP commands or physical inputs to trigger playback. It includes 2 control inputs, facilitating easy integration with other devices.

SPECIFICATION

Power Parameters

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

Audio & Interface Parameters

Power Output	2*6W（Use POE/POE+）
Frequency Response	140~20KHz
Sensitivity	91dB（1M/1W/1KHz）
Max SPL	98dB（1M/6W/1KHz）
SNR	90dB
Audio Trans	Multicast，×20(Editable)
Audio Codec	Opus, PCMU (G.711u), PCMA (G.711a), G.722
Control Input	×2
Audio Output	×1，6W/8Ω
Bluetooth Input	×1 ,2.4GHz
Audio Storage	Max 20 audio files ,80MB
Audio File Format	WAV，MP3

Network Parameters

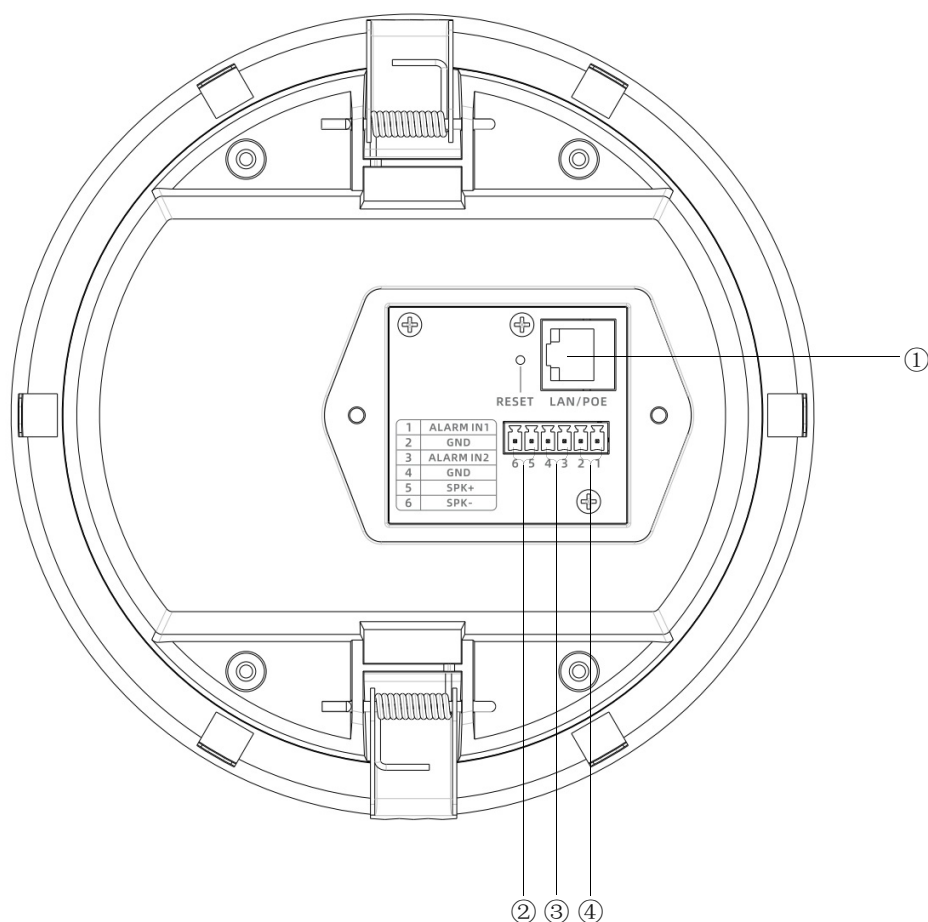| Network I/F	100BASE-TX ,RJ45 Connector
Network Protocol	TCP/IP,UDP,HTTP,RTP,RTSP ARP,ICMP,NTP,SIP,ONVIF
Config Method	Web Interface or DevConfig Tool

Mechanical & Environment Properties

Mounting Method	Recessed Installation
Install Env	Indoor Locations
Working Temp	0°C~+50°C
Housing Material	ABS
Color	White
Dimensions	φ186*113mm
Hole Dimension	φ170mm
Weight	1250g
Warranty	2 Years

ACCESSORIES

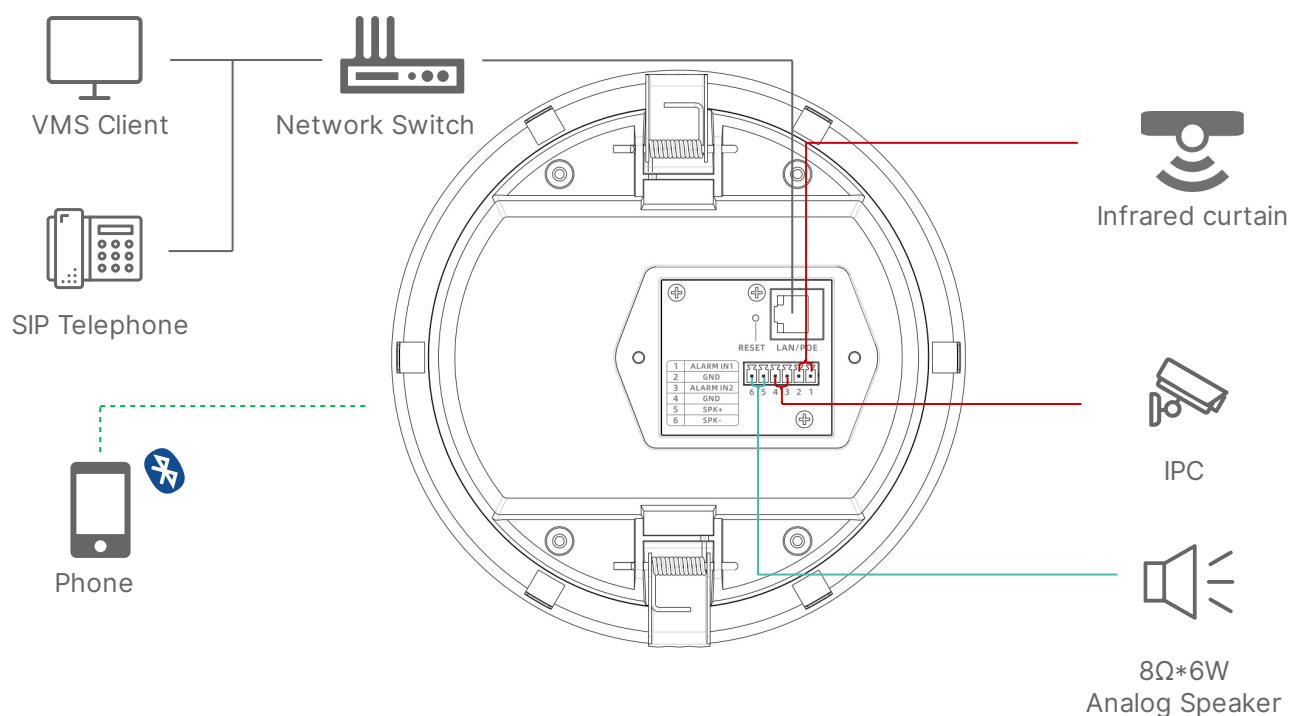1×6pin Terminal(3.81-6P)

1 × Installation Manual

INTERFACE DESCRIPTION

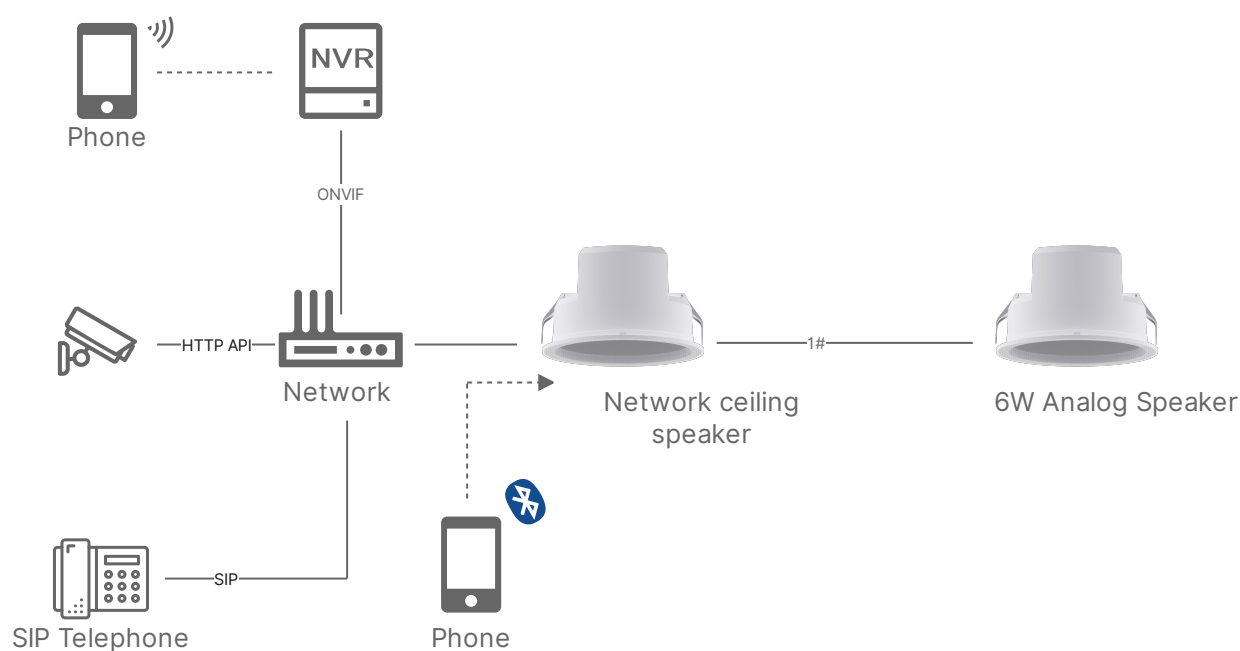①RJ45 Connector POE Power Input

②Speaker Output

③Alarm Input 2#

④Alarm Input 1#

CONNECTION DIAGRAM

VMS Client

Network Switch

SIP Telephone

Phone

Infrared curtain

1	ALARM IN1
2	GND
3	ALARM IN2
4	GND
5	SPK+
6	SPK-

RESET   LAN/POE

IPC

8Ω*6W
Analog Speaker

APPLICATION

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

Phone

NVR

ONVIF

HTTP API

Network

Network ceiling speaker

1#

6W Analog Speaker

SIP

SIP Telephone

Phone

INSTALLATION

113 mm

186 mm

170 mm

8~20 mm