GEN-6391A03

Network POE Horn Speaker

SPON IP POE Horn Speaker GEN-6391A03 is a SIP compliant and multicast-capable PoE network audio device for public address and notification, it supports common network protocols for easy integration with SIP-compatibal VOIP system . It is suitable for industrial plant, prisons, parks, new rural areas and other public address areas that need simple wiring.

Onvif PoE SIP VoIP

MAIN FEATURES

Performance & Encoding:

- Utilizes a high-speed, industrial-grade dual-core (ARM+DSP) chip for efficient processing.
- Features both narrowband (G.711a/u) and broadband (G.722) encoding for intelligible voice paging.

Connectivity & System Integration:

- Equipped with 10 multicast addresses for receiving paging from SIP phones.
- Multicast scalable function to conserve SIP account resources.
- Standard SIP protocol support for easy integration with mainstream SIP PBX systems like Yeastar, Asterisk, and Cisco.
- Onvif protocol compatibility for integration with third-party monitoring systems.

Audio Management & Network Functionality:

- Plays background music, emergency pages, and alarm signals from the SPON management system.
- Dynamic volume control that automatically adjusts to ambient noise.
- Supports PoE or PoE+ for flexible installation options.
- Remote management and online upgrading capabilities for enhanced functionality.
- Two-way communication with SIP telephones or intercom devices for interactive connectivity.

SPECIFICATION

Power Parameters

Power Supply:	DC 24V/2.7A, PoE (IEEE802.3af), PoE+ (IEEE802.3at)
Power Consumption:	≤3W
Rated Power Output:	30W(@DC 24V/2.7A Powered) 15W (@PoE Powered) 20W (@PoE+ Powered)

Audio Parameters

Audio Codec:	G.711A-Law, G.711μ-Law, G.722
Sensitivity:	105dB±3dB (1W, 1m)
Maximum SPL:	120dB±3dB
S/N (Signal-To-Noise) Ratio:	≥80dB
Audio Sampling & Bit Rate:	8kHz~44.1kHz, 16bit, 8kbps~320kbps
Frequency Response:	350Hz~7KHz

Network Parameters

Network I/F:	10BASE-T/100BASE-TX RJ45
Network Protocol:	SIP (RFC3261),FTP,HTTP,TCP/IP,UDP,ARP,ICMP,IGMP
Configuration Method:	Web Interface Or DevConfig Tool

Mechanical&Environment Properties

Mounting Method:	Wall-Mounted
Ingress Protection Grade:	IPX5
Installation Environment:	Outdoor & Wet Environments When Properly Installed
Operatiing Temperature:	-20°C~+50°C
Operating Humidity:	10%~90% RH Non-Condensing
Body Material:	ABS Composite Plastic
Housing Material:	Surface-Treated Steel Plate
Color:	Off-White
Product Dimensions:	283.1×269×224.3mm
Product Weight:	2.0KG
Packaging:	Carton Box
Packed Dimensions:	300×300×220mm
Packed Weight:	2.5KG
Product Warranty:	2 Years Limited

Accessories

1 × 3-Pin Pluggable Terminal Block Connector

1 × 4-Pin Pluggable Terminal Block Connector

1 × Waterproof Joint

1 × Quick Installation Guide

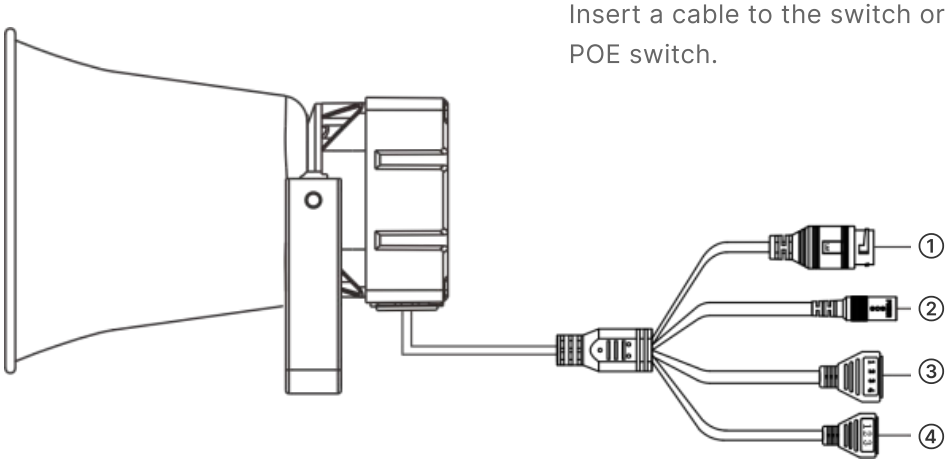
1 × Quality Certificate

1 × Warranty Card

Compliance

CE (EMC Directive 2014/30/EU)、CE (LVD Directive 2014/35/EU)

PORTS DESCRIBTION



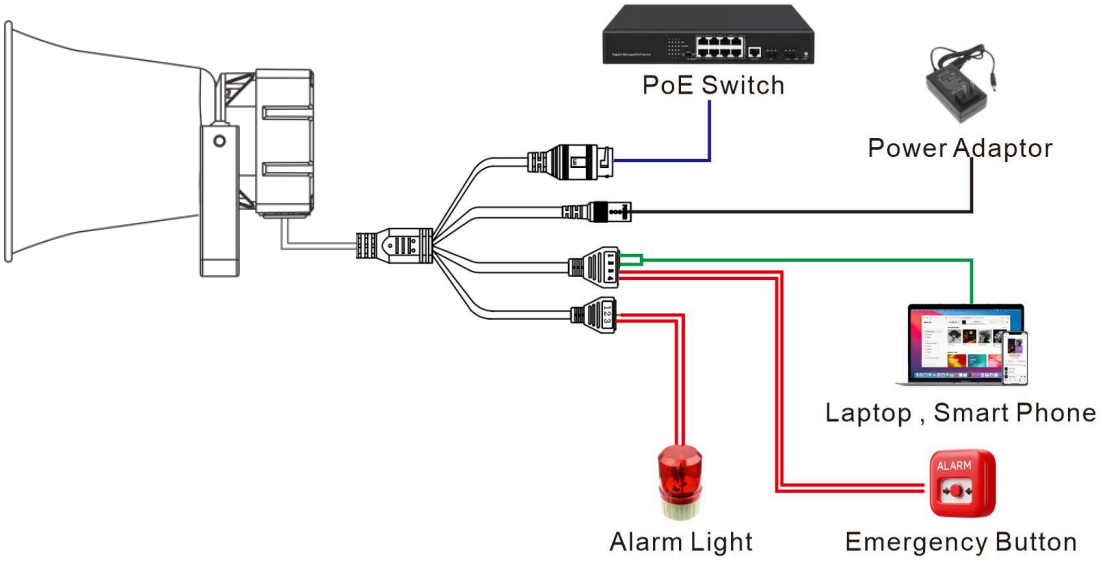
① Network Interface
Insert a cable to the switch or POE switch.

② Power interface
DC24V/1A, supply for the Network Wall Mount Speaker. (The device supports POE, need no more power supply if the network interface are already connected with POE switch.)

④ Alarm out interface
1: Normal close end
2: Common end
3: Normal open end

③ Integrated interface
1: Line in
2: GND
3: Alarm in
4: GND

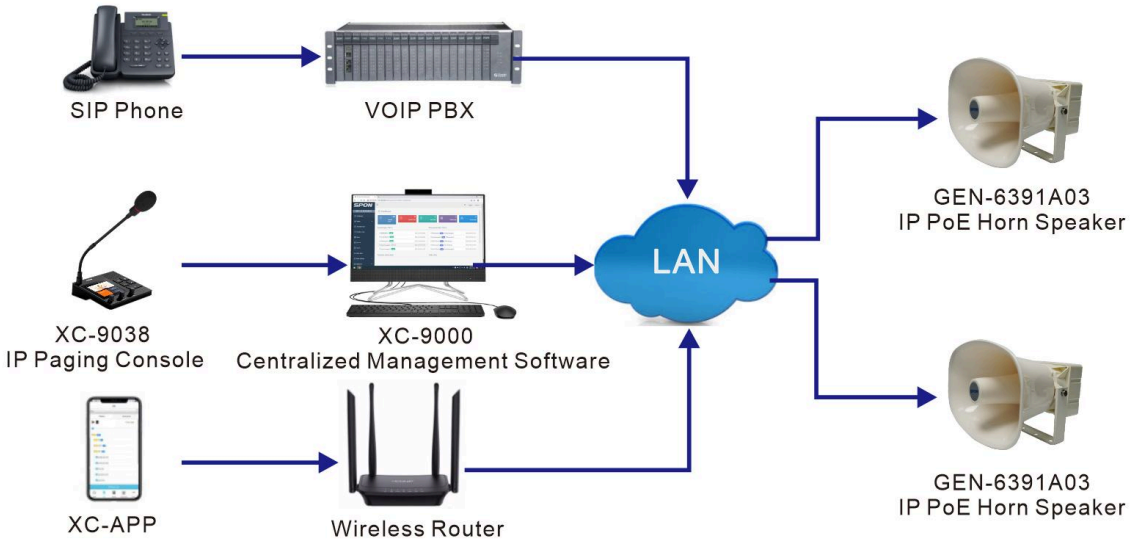
CONNECTION DIAGRAM



APPLICATION

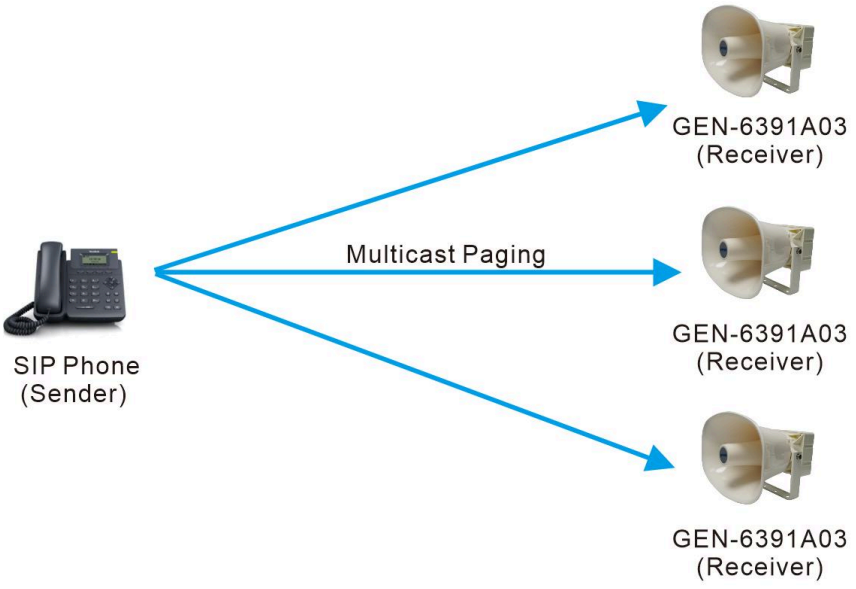
Application 1

IP PoE Horn Speaker GEN-6391A03 support SIP protocol which can be independently used as a sip endpoint to integrated with mainstream VOIP system for receiving sip call from SIP phone or SIP softphone ; Meanwhile , it also can receive broadcast from SPON management software 、 IP Paging Mic and XC-APP .



Application 2

IP PoE Horn Speaker GEN-6391A03 support paging from SIP phone by using multicast address , the multicast address and priority can be set on its webpage .



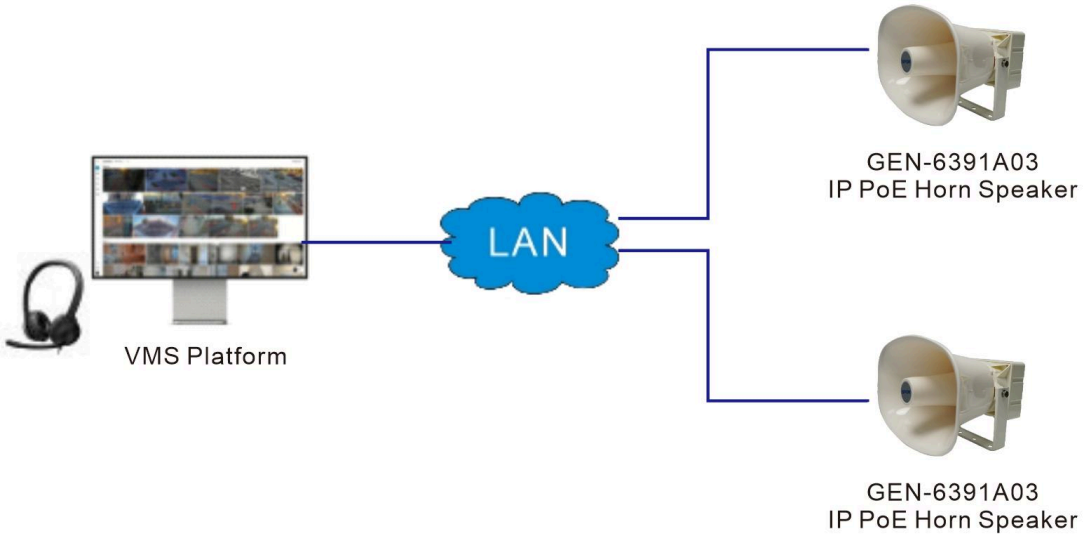
*No SIP registration required for speakers in a multicast

APPLICATION

Application 3

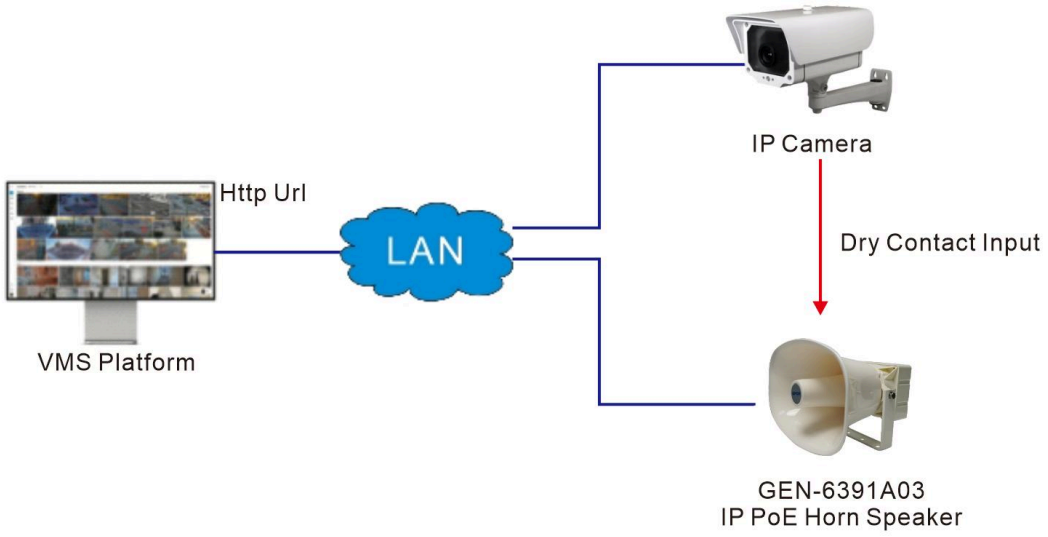
The IP PoE Horn Speaker GEN-6391A03 is compatible with the standard Onvif protocol and can be independently registered to third-party VMS platforms. Operators can initiate real-time voice announcements to a designated individual speaker using a headset.

Note: This feature requires the VMS platform to support the voice announcement function.

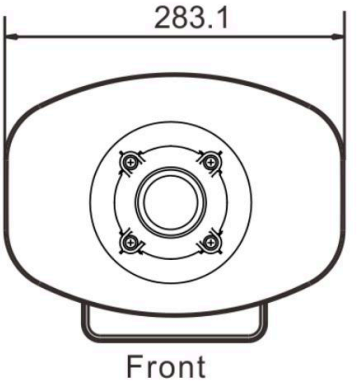


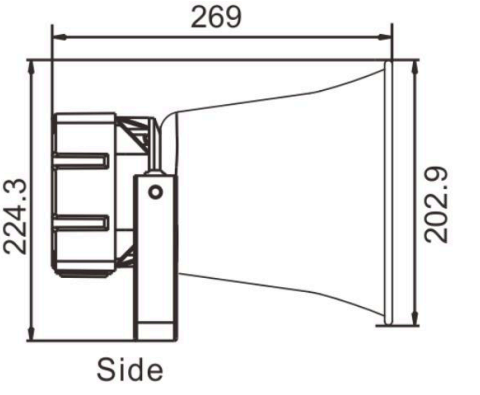
Application 4

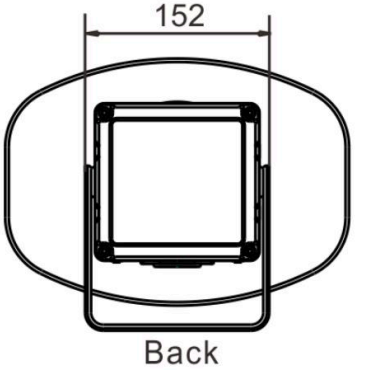
The IP PoE Horn Speaker GEN-6391A03 supports uploading audio files via a push tool. It can trigger file playback through camera-linked alarm signals or by integrating the speaker's HTTP URL into the VMS platform for synchronized file playback.



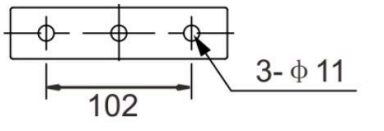
INSTALLATION

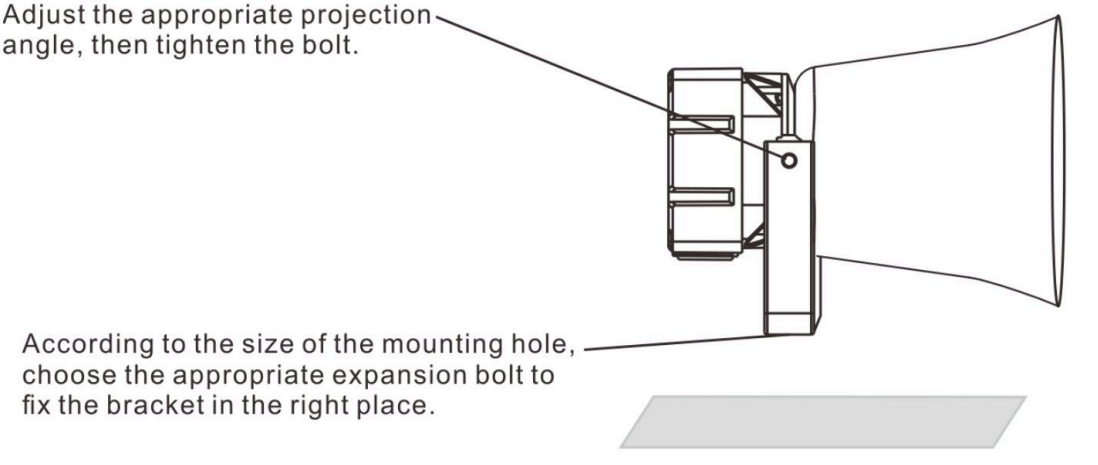






Size of mounting bracket:





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