

CEILING MOUNTED SIP SPEAKER

PAGING | ANNOUNCEMENT | PUBLIC ADDRESS

Clear and reliable voice communication for modern and connected spaces.



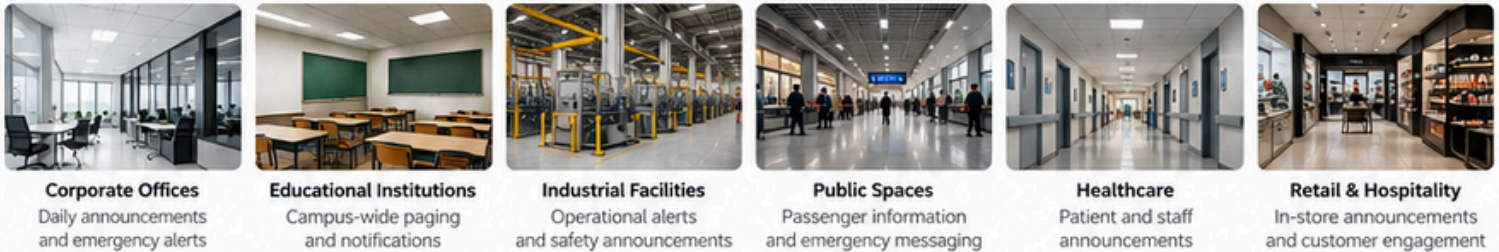
OVERVIEW

The Avnetra Ceiling-Mounted SIP Speaker is a high-performance, IP-based audio solution designed for paging, announcement and public address applications. With superior audio quality, PoE support and seamless SIP/ONVIF integration, it delivers clear and reliable communication for modern workplaces, educational campuses, hospitals, retail spaces, industrial facilities and more.

KEY FEATURES

- High-quality audio with wide coverage
- SIP-based paging and announcement
- PoE powered (IEEE 802.3af/at)
- ONVIF integration with surveillance platforms
- Live and scheduled announcements
- Zone-based paging (via Avnetra platform)
- Reliable and secure communication (HTTPS, SRTP)
- Easy installation and ceiling-mount design

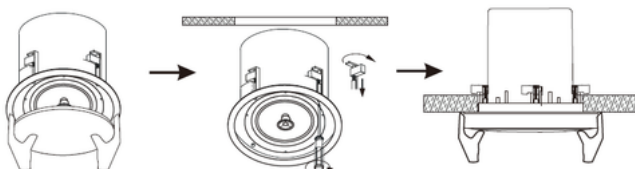
APPLICATIONS



Key Features

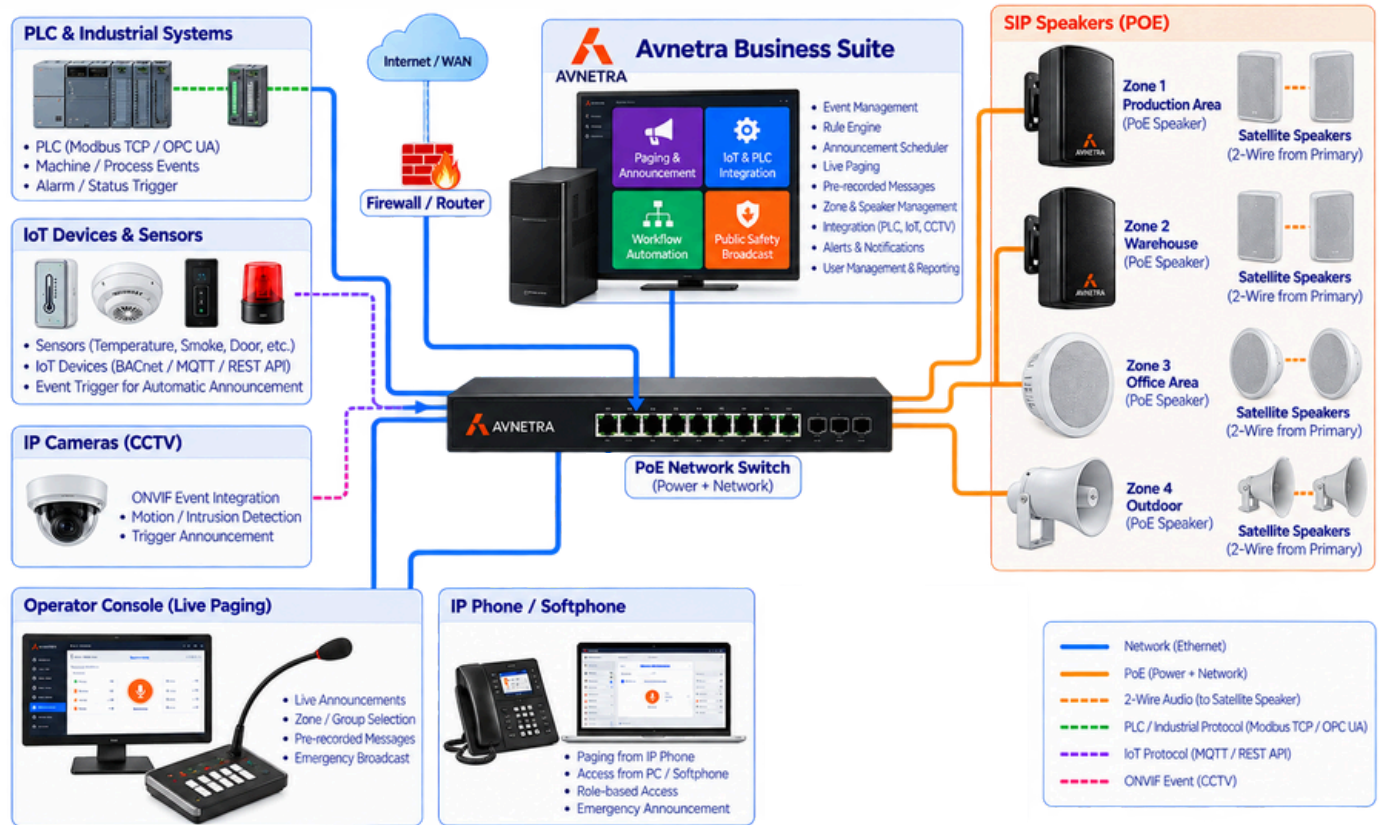
- Event-Triggered Announcements — Trigger voice alerts based on supported motion, intrusion, analytics or alarm events.
- SIP-Based Paging — 3 SIP Account Deliver live or pre-recorded announcements to selected speakers or speaker groups.
- Automated Security Response — Support perimeter protection, restricted-area alerts, emergency warnings and after-hours monitoring.
- Centralized Management — Configure camera events, announcement rules and paging actions through an integrated platform.

Ceiling Mount





		PAS C15P	PAS C30P	PAS C15S
Speaker	Amplifier	Class D 15W	Class D 30W	Analog Speaker
	Speaker component	1 x 6" Woofer+1 x 1" Coaxial driver unit	1 x 8" Woofer+1 x 1" Coaxial driver unit	1 x 6" Woofer+1 x 1" Coaxial driver unit
	Sensitivity	92dB/1m/1W		
	Max Sound Pressure Level	103dB	115dB	103dB
	Rated Power	DC: 8Ω 15W or PoE: af-8Ω 8W / at-8Ω 15W	DC: 8Ω 30W or PoE: af-8Ω 8W / at-8Ω 20W	15W , Impedance 8Ω
	Frequency range	150Hz~20KHz	100Hz~20KHz	150Hz~20KHz
	Coverage	135° Conical, 30m²		
	Acoustics	Mono		
MicroPhone	MicroPhone	Electret condenser microphone		
	Directionality	Omni-directional		
	Sensitivity	-36±2dB		
	SNR	65dB		
	Max input sound pressure	110 dB (THD ≤ 3%)		
	Max pickup distance	Up to 10m in a 50dB noise environment		
SIP Account & Codec	Audio Codec	G.722, G.711 A-law, G.711 U-law, Opus		
	Audio streaming	MP3 sampling rate 8 – 48KHz, bit rate 64 – 320kbps, Mono or Stereo		
	SIP Account	3 SIP Account		
Physical Interface	Ethernet	10/100Mbps, support PoE IEEE 802.3af/at		
	Phoenix terminal	1x 10-pin 3.5mm - (Dry Contact,Switch, Key, Key Indicator, Satellite speaker)		
	Power Socket	DC Female interface(5.5*2.1mm)		
Protocols	Network Protocols	SIP(RFC3261), HTTP, TCP/IP, SSL, DNS, SNTP, NTP, RTSP, RTP, RTCP, TCP, UDP, MQTT, ICMP, DHCP, ARP, SSH		
Administration	Administration	Web interface		
	Provisioning method	MQTT or auto provisioning server		
	API	MQTT		
Hardware Specification	Memory	128MB RAM, 256MB Flash		
	Power input	PoE IEEE802.3af/at standard adaptive or DC 24V-2A		
	Enclosure/Cabinet	Iron+ABS+Aluminum-Alloy Grille		
	Color	White		
	Weight	1.90KG	2.45KG	1.5KG
	Dimension	Ø230 x 150 mm	Ø270 x 185 mm	Ø230 x 150 mm
	Mounting	ceiling Hole Mount position with screws Set		
Environmental	Installation environment	Indoor		
	Operating temperature	-20°C- 50°C (-4°F - 122°F)		
	Storage temperature	-40°C- 70°C (-40°F - 158°F)		
	Humidity	10% - 95% RH Non-condensing		
Warranty	2 Years			



Empower Paging & Announcement with Avnetra Business Suite

Integrate PLCs, IoT devices and day-to-day business workflows to automate paging, announcements and public safety broadcasts through intelligent, event-driven communication.

Paging General Setting

PBX / General Setting

Type Selection

Location Zone Subzone

UI Uloooo_location 7890

LO Location 567

Control Panel

Map TTS Report Devices

Sno	Route	Source	Dest	Created	Talk	Status
1	I	328	328	2026-10-03T11:41:13	56	Answer
2	I	329	329	2026-10-03T11:41:13	56	Answer
3	I	328	328	2026-10-01T19:00:09	6	Answer
4	I	320	320	2026-10-01T15:39:36	7	Answer
5	I	329	329	2026-10-01T15:39:36	89	Answer
6	I	103	103	2026-05-12T16:16:54	8	Answer
7	I	101	101	2026-05-12T16:16:54	5	Answer

All Devices

Code	Name	Status
320	320	Offline
314	314	Offline
300	300	Offline
324	324	Offline
308	308	Offline
200	200	Offline
327	327	Offline
100	100	Offline
323	323	Offline

Avnetra Limited is a technology company focused on delivering integrated solutions across Telecommunications, Unified Communications, Audio-Visual Collaboration, IoT, Automation, Business Applications and System Integration. The company combines technology development, manufacturing, distribution and project execution capabilities to help organizations build smarter, more connected and efficient workplaces.

With roots in telecom research and development dating back to 2012, Avnetra brings together the legacy and capabilities of Neron Informatics and VoIC Networks under a unified organization. Its portfolio spans communication hardware, software platforms, enterprise collaboration, intelligent paging and announcement, and connected business solutions.

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