Revision History

Document Version	Update Content	Update Date
v1.0.0	Initial Issue	2026/6/10

W8130

Network Cabinet Speaker

Product Datasheet

KEY FEATURES

- Built-in 30W amplifier, 70Hz to 20KHz frequency range and 109dB max sound pressure level.
- Standard PoE (IEEE 802.3af/at) support or External power supply(DC 24V 2A).
- Supports 48K OPUS high-quality audio encoding.
- Compatible with SIP phone system.
- Compatible with VMS via ONVIF.
- Supports three SIP accounts.
- Support HTTP API for alarm in transmit.

Specifications

Speaker	
Speaker component	1 x 6.5" Woofer+1 x 1" high frequency driver unit
Sensitivity	95dB/1m/1W
Max sound pressure level	109dB
Amplifier	Class D Amplifier
Rated power	DC: 8Ω 30W or PoE: af-8Ω 8W / at-8Ω 20W
Frequency range	70Hz~20KHz
Coverage Pattern	90°H 90°V, 60m²
Acoustics	Mono
Microphone	
Microphone	Electret condenser microphone
Directionality	Omni-directional
Installation method	Built-in
Sensitivity	-36±2dB
SNR	65dB
Maximum input sound pressure	110 dB (THD ≤ 3%)
Maximum pickup distance	Up to 10m in a 50dB noise environment

Specifications

Audio	
Audio codecs	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
Interface	
Interface	1x RJ45(POE)
	1x 6-pin 3.5mm Phoenix terminal (Dry Contact,Switch, Key, 24V DC input)
Network	
Interface	10/100Mbps, support PoE IEEE 802.3af/at
Protocols	SIP(RFC3261), HTTP, TCP/IP, SSL, DNS, SNTP, NTP, RTSP, RTP, RTCP, TCP, UDP, MQTT, ICMP, DHCP, ARP, SSH
Administration	
Configuration	Web interface or auto provisioning server
Provisioning method	MQTT IoT Protocol
Hardware Specications	
Memory	128MB RAM, 256MB Flash
Power input	PoE IEEE802.3af/at standard adaptive or DC 24V-2A
Casing	Aluminum-Alloy Grille+ABS
Color	Black
Weight	3.80KG
Dimension	300 x 215 x 195mm (11.81 x 8.46 x 7.68 in)
Mounting method	Wall mounted
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
Approvals	
Approvals	EN 55032:2015, EN 55035:2017, EN 61000-3-2:2014, EN 61000-3-3:2013, EN 62368-1:2014+A11:2017, FCC Pat 15B

Frequency Response Curve