

Admoveo  Systems

— AUDIO, TIME AND DATA —



AEH15

Network Horn Speaker

Applicable Scenarios



Schools



Industrial Facilities



Plazas



Train/Bus Stations



Warehouses



Playgrounds



Manufacture Facilities



Stadiums



Sports Stadiums



Parks



Scenic Areas



Warehouses

Features

- Built-in 15W amplifier, 300Hz to 10KHz frequency range and 124dB max sound pressure level.
- With IP66 protection rating and well thermal durability.
- Standard PoE (IEEE 802.3af/at) support or External power supply (DC 24V 1A).
- Supports 48K OPUS high-quality audio encoding.
- Compatible with VoIP, SIP devices (IPPBX, IP Phone) via SIP.
- Compatible with IP camera VMS via ONVIF.
- Supports three lines SIP accounts, in which users may register the endpoint in more than one system for achieving different functionality purposes.
- Support HTTP API for alarm in transmit.

Specifications

Speaker

Speaker component	1.3"mid-high frequency driver unit
Sensitivity	113dB/1m/1W/1KHz
Max sound pressure level	124dB
Amplifier	Class D Amplifier
Rated power	DC: 8Ω 15W or PoE: af-8Ω 8W /at-8Ω 15W
Frequency range	300Hz – 10KHz
Coverage Pattern	119°H 119°V(1kHz/-6dB), effective distance 150m
Acoustics	Mono

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 3-pin 3.81mm Phoenix terminal (Dry Contacts) 1x2-pin 3.81mm Phoenix terminal (Switch) 1x DC Female interface (5.5*2.1)
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
Mechanical Properties	
Memory	128MB RAM, 256MB Flash
Power input	PoE IEEE802.3af/at standard adaptive or DC 24V-1A
Casing	Aluminum (ADC12)
IP Rating	IP66
Color	White
Weight	2KG
Dimension	Ø200 x 235 mm (7.87 x 9.25 in)
Mouning method	Wall/Pole mounted
Environmental	
Installation environment	Indoor/Outdoor
Operating temperature	-30°C - 70°C(-22°F - 158°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 ,IP66