

# Network Horn Speaker



## DS-30EH

"Immerse, Inspire, Innovate:  
IP Speakers Transforming Audio Experiences"

## Network Horn Speaker DS-30EH

### Features

- ✓ Built-in 30W amplifier, 380Hz to 10KHz frequency range and 129dB 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 2A)
- ✓ 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

### Applicable Scenarios



Schools



Industrial  
Facilities



Plazas



Train/Bus  
Stations



Warehouses



Playgrounds



Manufacture  
Facilities



Stadiums  
Facilities



Sports  
Stadiums



Parks



Scenic Areas



Warehouses

## Key specification

<b>Speaker</b>	
Speaker component:	1.5"mid-frequency driver unit
Sensitivity:	115dB/1m/1W/1KHz
Max sound pressure level:	129dB
Amplifier:	Class D Amplifier
Rated power:	DC: 8Ω 30W or PoE: af-8Ω 8W / at-8Ω 20W
Frequency range:	380Hz – 10KHz
Coverage Pattern:	78°H 78°V(1kHz/-6dB), effective distance 200m
Acoustics:	Mono
<b>Audio</b>	
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
<b>Network</b>	
<b>Interface:</b>	1x RJ45 (PoE), 1x 3-pin 3.81mm Phoenix terminal (Dry Contacts)
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
<b>Administration:</b>	
Configuration:	Web interface or auto provisioning server.
Provisioning method:	MQTT IoT Protocol
<b>Mechanical Properties</b>	
Memory:	128MB RAM, 256MB Flash
Power input:	PoE IEEE802.3af/at standard adaptive or DC 24V-2A
Casing:	Aluminum (ADC12)
IP Rating:	IP66
Color:	White
Weight:	2.5KG
Dimension:	Ø246 x 292 mm (7.69 x 11.50 in)
Mounting method:	Wall/pole mounted
<b>Environmental</b>	
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

