Network
Column Speaker

DS-30ECL

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

Network Horn Speaker DS-30ECL

Features

- ✅ Built-in 30W amplifier, 100Hz to 18KHz frequency range and 104dB max sound pressure level.

- ✅ With IP65 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

Speaker	
Speaker component:	1x0.75" high frequency +1x 4" full-range driver unit
Sensitivity:	90dB/1m/1W
Max sound pressure level:	104dB
Amplifier:	Class D Amplifier
Rated power:	DC: 4Ω 30W or PoE: af-4Ω 8W / at-4Ω 20W
Frequency range:	100Hz – 18KHz
Coverage Pattern:	135°, Optimal distance 50m
Acoustics:	Mono
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
Network	
Interface:	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
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-2A
Casing:	ASA
IP Rating:	IP65
Color:	Grey
Weight:	2.4KG
Dimension:	390x130 x 120 mm (15.35x5.12 x 4.72 in)
Mounting 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

RoHS CE FC 10