

NETWORK CABINET SPEAKER DS-15EWM



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

Why choose DS-15EWM

Main features

- ✔ Built-in 15W amplifier, 80Hz to 18KHz frequency range and 100dB 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 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.
- ✔ Features a built-in microphone design and has an excellent sound pickup effect. When used with the external button, the two-way communication function can be easily realized.
- ✔ Can connect a 15W analog subwoofer for high-quality listening experience.

Applicable Scenarios



Schools



Health Care



Government Offices



Train/bus
Stations



Indoor Parking



Shopping Malls



Residential



Retail Store



Office Building



Airports



Warehouses



Hotels

Key specification

Network Cabinet Speaker

Speaker component:	1x4.5"mid-bass +1x 2" high frequency driver unit
Sensitivity:	90dB/1m/1W
Max sound pressure level:	100dB
Amplifier:	Class D Amplifier
Rated power:	DC: 8Ω 15W or PoE: af-8Ω 8W / at-8Ω 15W
Frequency range:	80Hz – 18KHz
Coverage Pattern:	90°H 50°V(1kHz/-6dB), 30m ²
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:	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(af 8W / at 15W) or DC 24V-2A
Casing:	ABS
Color:	White
Weight:	1.5KG
Dimension:	260 x 200 x100mm(10.24 x 7.87 x 39.4 in)
Mounting method:	Wall mounted
Key:	Press and hold for 3 seconds to announce IP address; Press and hold for 10 seconds to reset device to factory defaults.

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

Microphone	
Microphone	Electret condenser microphone
Directionality	Omni-directional
Installation method	Built-in
Sensitivity	-36±2dB
SNR	65dB
Maximum input sound pressure	110dB(THD≤3%)
Maximum pickup distance	Up to 10m in a 50dB noise environment

Interfaces and Instructions

