

# IP Speaker

For use with Dahua cameras



## System Overview

Dahua's IP speaker is designed to suit a variety of applications. It supports ONVIF protocol, ensuring compatibility with 3rd party cameras. It is powered by PoE+ for easy installation and use. The speaker has a built-in microSD slot and an internal storage capacity of 512 MB. The built-in microphone allows for two-way communication. The speaker can be used for outdoor applications thanks to its IP67 ingress protection rating.

## Technical Specification

### Microphone

Type	Built-in Microphone
Pickup Distance	≥ 8m
Frequency Response	50Hz to 12KHz
Microphone Input	15 mV

### Speaker

Maximum Sound Pressure Level	120 dB
SNR	≥ 75dB
Frequency Response	250Hz to 16KHz
Coverage Pattern	70° (H) x 100° (V)
Speaker Output	15W
Audio Protocol	MP3, G.711a/u.G. 722

### Amplifier

Type	Built-in 15W, 8Ω Amplifier
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### Interface

TF Card Interface	Support
24V Auxiliary Input	Support, Can use ordinary network

### Network

Network Port	RJ45
Network Protocol	TCP, UDP, ARP, ICMP, IGMP, DHCP, IGMP, HTTP, SIP, ONVIF
Storage	512 MB Internal Storage, TF Card, MicroSD Card

### Electrical

Input	PoE+(IEEE 802.3at) / DC24V 1A (Standby)
Consumption	15 W

- Maximum Connection Distance 100 m
- Supports ONVIF and SIP protocol
- Internal Storage 512 MB, SD Card Support
- Can be used with auxiliary input, 24V adapter, or PoE switch
- Built-in Microphone
- IP67 Ingress Protection Rating
- Three-year Warranty\*

## Environmental

Operating Temperature	40 °C to 60 °C (-40 °F to 140 °F), 60%~95% RH
Ingress Protection	IP67

## Certifications

Electromagnetic Comptability (EMC)	EN 55032 Class B, EN 50121-4, IEC 62236-4, EN 55024, EN 61000-6-1, EN 61000-6-2, FCC Part 15 Subpart B Class B, ICES-3(B)/NMB-3(B), VCCI Class B, RCM AS/ NZS CISPR 32 Class B, KC KN32 Class B, KC KN35
Safety	IEC/EN/UL 62368-1, IEC/EN/UL 60950-22
Environmental	IEC/EN 60529 IP67, IEC 60068-2-1, IEC 60068-2-2, IEC 60068-2-14, IEC 60068-2-27, IEC 60068-2-78, IEC/EN 60529 IP66, NEMA 250 Type 4X, MIL-STD-810G 509.5

## Construction

Product Dimensions (L x W x H)	225mm x 170mm x 250mm (8.85 in. x 6.69 in. x 9.84 in.)
Packaging Dimensions (L x W x H)	240 mm x 200 mm x 275 mm (9.45 in. x 7.87 in. x 10.83 in.)
Net Weight	1.8 kg (3.97 lb)
Gross Weight	2.5kg (5.51 lb)

## Dimensions

mm

