POE170VF-30W

ONVIF Network Horn Speaker

Powerful. Reliable. Intelligent.
Network Audio for Safer and Smarter Spaces.



ONVIF Compatible | PoE+ Powered | Clear Voice & Music | IP Outdoor Ready | Remote Control & Scheduling

Product Overview

The POE170VF-30W is an ONVIF network horn speaker designed for public address and mass notification. It supports the international ONVIF standard, allowing seamless integration with IP camera systems and VMS platforms. With built-in high efficiency 30 W amplifier, it delivers clear and powerful audio with wide coverage for outdoor environments. It can receive live announcements, scheduled broadcasts, emergency paging and alarm triggers. The rugged IP-rated design ensures reliable operation for both indoor and outdoor applications, making it ideal for smart cities, industrial facilities and public spaces.



Front View

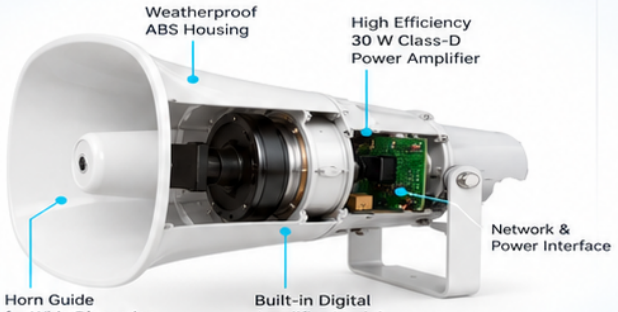


Rear View

Key Features

- 30 W high efficiency Class-D amplifier
- Standard ONVIF protocol
- Live announcements, emergency paging and alarm broadcast
- High quality ABS housing with IP66 weatherproof rating
- Wide sound dispersion for clear and powerful audio
- All-weather design for indoor and outdoor use
- Smart audio detection modes
- Supports broadcast audio files (MP3, WAV)
- Configurable priority for ONVIF, network and short-circuit input

Cutaway View



Applications

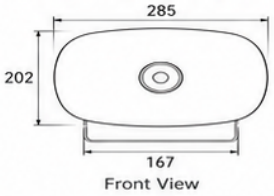


- Industrial Facilities
- Transportation & Railways
- Schools & Campuses
- Parking Areas
- Perimeter Security

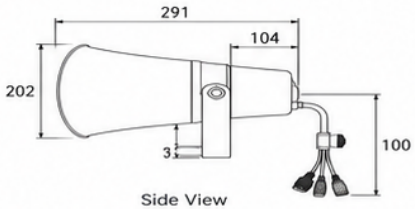
Technical Specifications

Parameter	Specification
Model	POE170VF-30W
Rated Power (RMS)	30 W
SPL (Max)	122 dB ± 3 dB
Frequency Response (±3 dB)	100 Hz – 15 kHz
Beam Angle	70°
Sensitivity	102 dB ± 2 dB
Maximum Sound Pressure Level	122 dB ± 3 dB
Distortion (THD)	≤ 1.0 % @ 1 kHz
Power Supply	PoE+ (IEEE 802.3at) / DC 24V 2A (Optional)
Network Interface	RJ45 (10/100Mbps)
Power Consumption	Max 36 W (PoE+)
Working Temperature	-30°C to +60°C
Relative Humidity	10% – 95% RH (non-condensing)
IP Rating	IP66
Dimensions (W × H × D)	202 × 285 × 291 mm
Mounting Bracket Dimensions	238 × 90 × 59 mm
Net Weight	1.9 kg
Gross Weight	3.2 kg (1 pc)

Dimensions (mm)

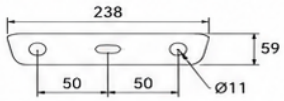


Front View



Side View

Mounting Bracket



Connection Cable



1. Network Interface (RJ45)
2. DC 24V Input (Optional)
3. Audio In / Out
4. Short-Circuit Input
5. RS485 (Optional)

Certifications

ONVIF | CE | FCC | RoHS | IP66 (Weatherproof)

