



## 2N® SIP Speaker Horn

2N® SIP Speaker Horn is an outdoor speaker with exceptionally loud and clear sound. Use the speaker as a practical tool for broadcasting live announcements across large areas and actively protect your property. If an unwelcome visitor enters your premises, you can respond immediately with a live or preset announcement to promptly deter the trespasser.



Car parks  
Office areas  
Industrial areas

Sports grounds  
Residential areas  
Schools and campuses

### Loudest sound on the market

You can rely on the top-quality sound and excellent audibility. The 2N® SIP Speaker Horn outdoor speaker delivers the loudest sound of all IP speakers on the market (SPLmax 124dB).

### Announcement planner

You can broadcast live and preset announcements. Announcements can be scheduled using the advanced planning function.

### Connectivity with VMS using ONVIF

Seamless compatibility with video management software (VMS) allows you to respond remotely to anything you see on your camera system with live or preset announcements.

# 2N<sup>®</sup> SIP Speaker Horn

## CHARACTERISTICS

### Server-free solution

2N<sup>®</sup> SIP Speaker Horn is an independently operating audio solution that does not require a server. You do not need to purchase any additional hardware

### Easy installation with a single cable

The 2N<sup>®</sup> SIP Speaker Horn outdoor speaker is very easy to install simply by connecting it to an existing IP network with a PoE cable

### Support for IP PBX (SIP)

The 2N<sup>®</sup> SIP Speaker Horn device may function independently or be simply connected to IP PBX

### Audio test

The speaker automatically performs regular audio tests to detect errors and will report a problem if any is detected

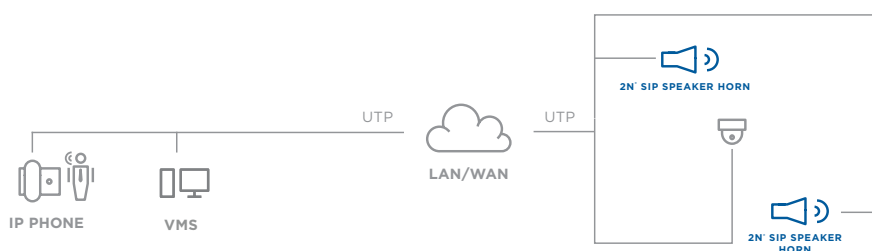
### Noise detection

2N<sup>®</sup> SIP Speaker is also capable of monitoring noise levels. If noise levels exceed specified limits, the device automatically responds with the relevant settings

### Durability

The 2N<sup>®</sup> SIP Speaker Horn device is also intended for outdoor use and has the IP67 protection rating.

## DIAGRAM



## TECHNICAL PARAMETERS

### Audio parameters

Output	8W (PoE) / 25W (24V)
Acoustic pressure	110dB SPL(1W/1m) 124dB(SPLmax)
Impedance	8 Ohm
Range of frequencies	400Hz ~ 7,5kHz (-10dB) 275 Hz ~ 12kHz (-20dB)
Audio codecs	G.711 (PCMA, PCMU), G.722, L16/16Hz

### Mechanical properties

Dimensions (h/w/d)	232.7 (diameter) x 309.6 (length) mm
Weight	2,3kg
Color	Grey (RAL 7035)
Operating temperature	-30°C ~ +60°C
Protection rating	IP67
Installation	Stainless steel holder (U type)

### Power supply

Power supply from external source	24V DC / 2A
Power supply from LAN	PoE IEEE 802.3af

### LAN connection

RJ-45 connector on the rear panel	10/100BASE-TX s Auto-MDIX
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## SOFTWARE

**2N<sup>®</sup> Network Scanner** – an application for detecting 2N IP intercoms and access units on the network