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	Sports grounds
Office areas	Residential areas
Industrial 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.

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CHARACTERISTICS

Server-free solution
2N® 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® 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® 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
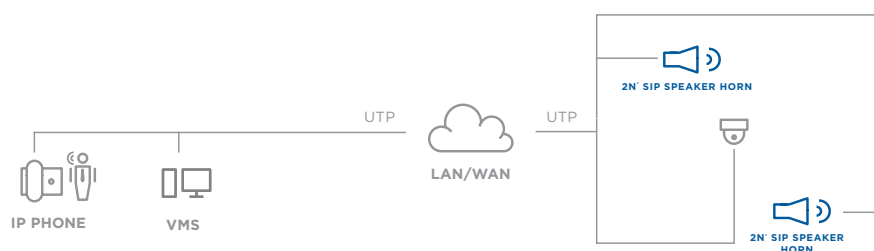
Noise detection
2N® SIP Speaker is also capable of monitoring noise levels. If noise levels exceed specified limits, the device automatically responds with the relevant settings

Durability
The 2N® 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

SOFTWARE

2N® Network Scanner – an application for detecting 2N IP intercoms and access units on the network