



# N-SP80

SIP Intercom Stations



**Contemporary access control  
and clear sound transmission.**

# N-SP80

## SIP Intercom Stations

TOA introduces three contemporary SIP-based intercom stations offering high quality audio and video communication and a userfriendly electronic access control. The SIP Intercom stations are compatible with a variety of SIP servers (Cisco®, Avaya®, Asterisk®, Genetec®) and enable peer-to-peer communication with an unlimited number of connectable stations within the SIP system. Additionally multi-cast transmission ensures paging into multiple zones. Starting with schools and hotels to healthcare and industrial facilities, offices and malls - TOA's SIP stations are mandatory when reliable communication and visualisation in a range of applications is needed.

### KEY FEATURES

- Compatible with a variety of SIP servers
- Multi-cast transmission enables paging to multiple zones.
- Unlimited connection of SIP stations
- Capability of peer-to-peer communication
- Video conference capability (N-SP80MS1)

#### N-SP80MS1



#### SIP Multimedia Station

- Intuitive operation with 7-inch touch screen and dial keys
- Applied to major video codec
- Less cabling thanks to PoE

#### N-SP80AS1



#### SIP Audio Door Station

- Robust and weatherproof
- Applied to major audio codec
- Built-in AEC enables full-duplex communication
- Less cabling thanks to PoE

#### N-SP80VS1



#### SIP Video Door Station

- Robust and weatherproof
- High-quality audio transmission
- Full-duplex communication
- Build-in photo sensitive sensor detects brightness
- IR LEDs helps to capture video
- Less cabling thanks to PoE

### APPLICATION EXAMPLES



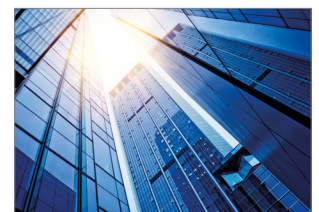
Schools



Hospitals

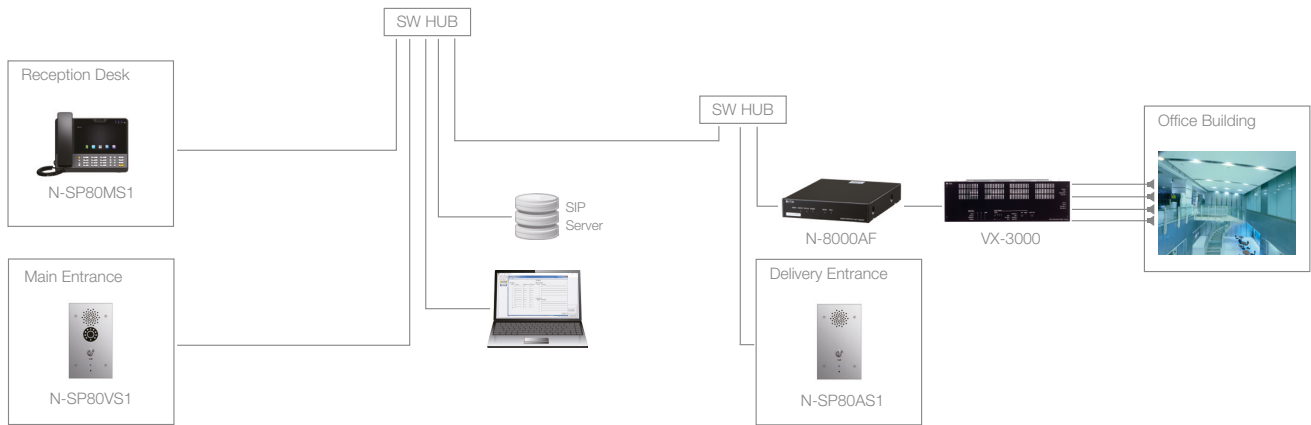


Malls



Offices

## SYSTEM EXAMPLE



In combination with a SIP-Server and TOA's N-8000 Series, voice alarm systems and speakers the SIP Multimedia Station N-SP80MS1 can be used for public announcements and access control.

By use of N-SP80 stations a paging system can be configured without SIP Server and an unlimited number of stations in a system for all kind of peer-to-peer applications.

## SPECIFICATIONS

	<b>N-SP80MS1</b>
Power Source	PoE / 12VDC
Power Consumption	12W (max.)
Display	7-inch capacitive touch screen TFT LCD, 800 x 480 pixels, 16:9 wide screen aspect ratio
Camera	2 megapixels CMOS camera, free rotation
Network Protocol	SIP RFC3261, TCP/UDP/IP, PPPoE, RTP/RTCP
Operation System	Android 4.2
Voice Codec	G.711A/U, G.723, G.729a/b, G.722, iLBC, AMR-NB, AMR-WB, OPUS
Video Codec	H.263, H.264
DTMF Modes	Inband, RFC2833, SIP INFO
Audio Features	VAD, CNG, Echo Canceller G.165/G.168
Network Interface	Dual switched 10/100Mbps port, optional PoE
Wi-Fi	IEEE802.11 b/g/n
External Interface	USB 2.0, 3.5mm headset jack, HDMI
IP Assignment	Static IP, DHCP, PPPoE
Management	LCD Menu Configuration, TR069, WebUI
Finish	ABS resin
Dimensions (W x H x D)	240 x 213 x 120mm
Weight	1.4 kg

## SPECIFICATIONS

	<b>N-SP80VS1</b>	<b>N-SP80AS1</b>
Power Source		PoE / 12VDC
Power Consumption		12W (max.)
Camera	3 megapixels	-
Resolution	Up to 1080p	-
Buttons		1 call button; 1 reset button
Microphone		1 integrated microphone
Speaker		2 W
Input Relay		2 input relays for alarm
Output Relay		2 output relays for door opener
Call Indication		1 RGB LED (colors: red, green, blue)
Dust/Water Protection		IP65
Finish		Panel: stainless steel
Dimensions (W x H x D)		120 x 210 x 45.6mm
Weight	0.96 kg	0.92 kg
Options		Backbox: YC-400



**TOA Electronics Europe GmbH**

[www.toa.eu](http://www.toa.eu)

Preliminary specifications are subject to change without notice.

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