

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 transmission 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 connectability of SIP stations
- Capability of peer-to-peer communication
- Video conference capability

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

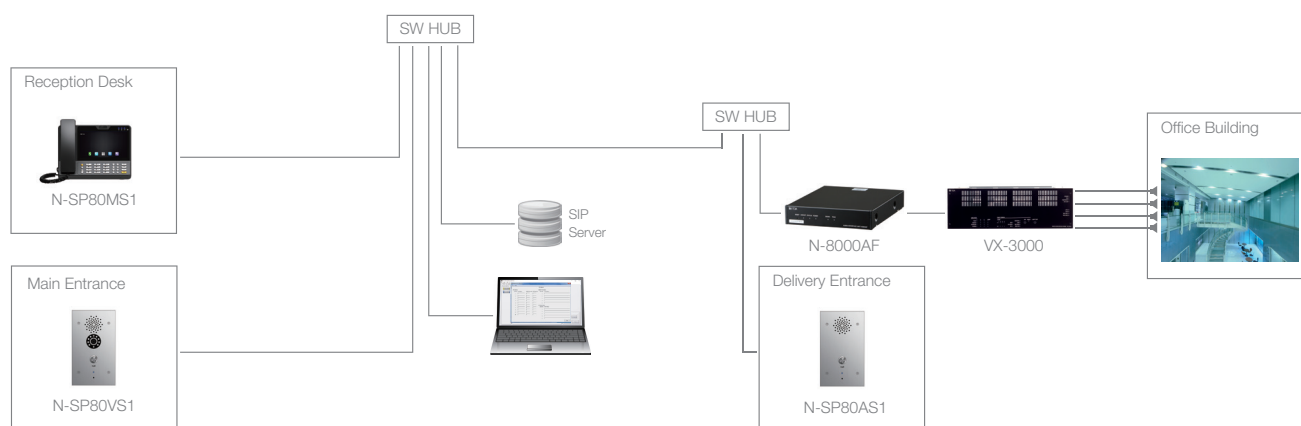


Malls



Offices

SYSTEM EXAMPLE



In collaboration with 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. The paging system can be configured without SIP Server and an unlimited number of stations in one SIP system for all kind of peer-to-peer applications.

SPECIFICATIONS

	N-SP80MS1
Power Source	??
Power Consumption	??
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	??
Dimensions (W x H x D)	230 x 218 x 93.7 mm
Weight	??

SPECIFICATIONS

	N-SP80VS1	N-SP80AS1
Power Source		12 VDC
Power Consumption		Less than 12 W
Camera	2 megapixels	-
Resolution	Up to 1080p	-
Buttons		1 panic 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		IP54 (Unit), IP66 (Speaker), IP67 (Microphone)
Finish		Stainless steel
Dimensions (W x H x D)		120 x 210 x 61 mm (incl. flush-mount kit)
Weight	??	??



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Preliminary specifications are subject to change without notice.

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