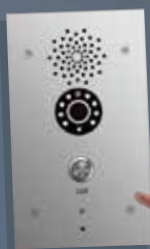




SIP Video Intercom System

N-SP80 Series

Conservation &
Door Remote
Control...



... can be done easily with the latest
Video Intercom System.

N-SP80

SIP Video Intercom System

N-SP80 SIP Video Intercom System not only have the Audio/ Video intercom function, but also can connect to other systems, e.g. VoIP, security management system through the SIP communication system.

Key Feature

- SIP-based intercom stations can connect and communicate with devices IP address directly
- Compatible with a variety of SIP servers (Cisco, Avaya, Asterisk and Genetec)*
- Capability of peer-to-peer communication - Connectable stations are unlimited
- N-SP80MS1 provides video conference capability
- Multi-cast transmission enables paging from N-SP80MS1 to multiple zones
- Functions: Call Forward, Absent Transfer, 3 Parties Conference, etc
- Easy-to-use Android Operation System
- Suitable from residential usage to large scale project application

* All company names mentioned above are trademarks or registered trademarks of their respective owners.

N-SP80MS1 SIP Multimedia Station



- 7-inch Touch Panel with dial keys, Android base, Master station
- Applied to major video codec
- Address book stores 500 numbers
- PoE is supported with less cabling
- Speech quality is up to 7kHz
- Peer-to-Peer mode and SIP server mode are both available.
- Paging function with Multicast streaming

N-SP80VS1 SIP Video Door Station / N-SP80AS1 SIP Audio Door Station

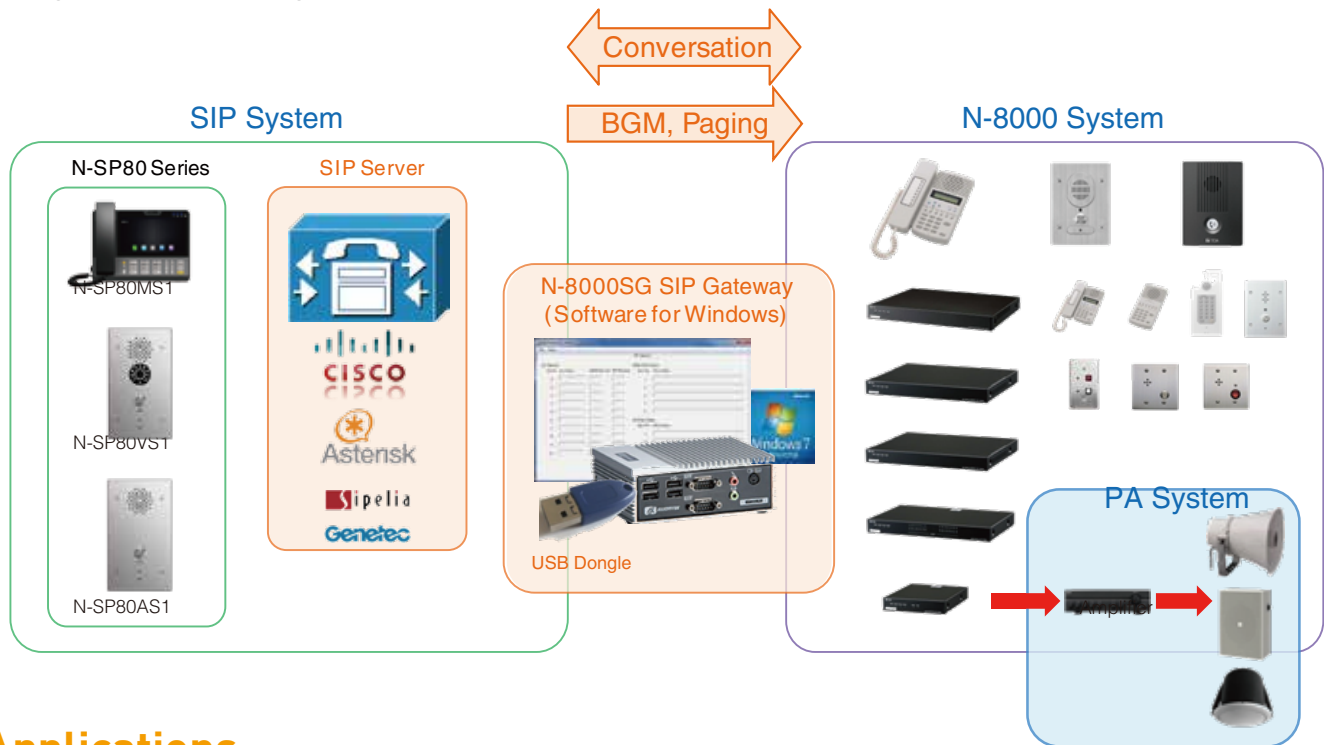


- 4 gang size, SIP door station with or without built-in 2M pixel camera
- Robust and weatherproof hardware
- Applied to major audio codec, it offers high-quality audio transmission
- Built-in AEC(Acoustic Echo Canceller) enables full-duplex communication
- PoE is supported with less cabling
- Photo sensitive sensor detects brightness (N-SP80VS1 only)
- Infra-red light and flexible LED setting helps to capture video even in the darkness (N-SP80VS1 only)
- Anti-vandal function by using an external control input

PA x Intercom System Integration

» Application with SIP server and N-8000 Series

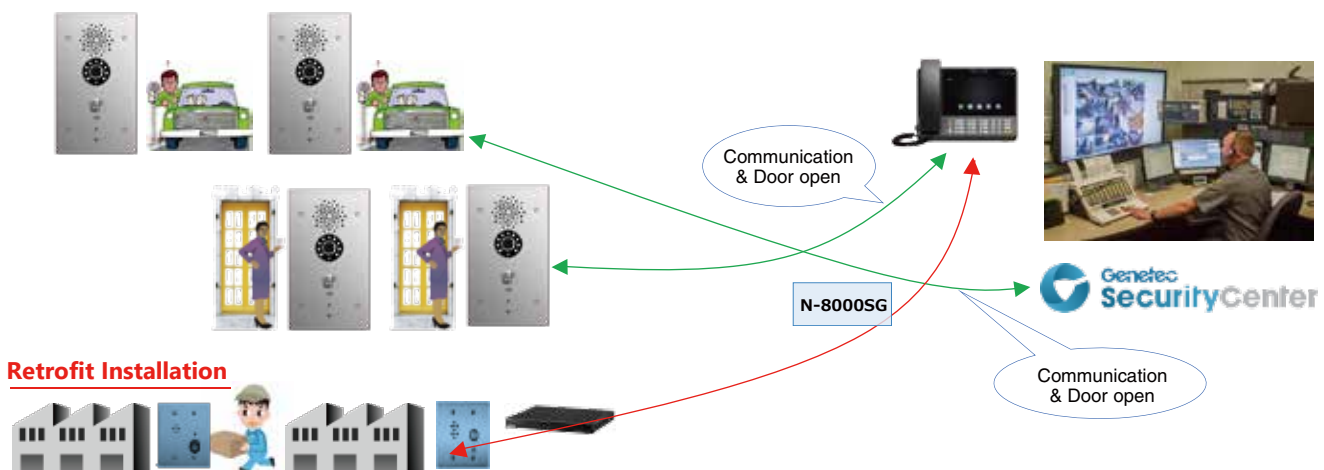
With N-8000SG (N-8000 SIP Gateway) and SIP server, SIP system and N-8000 system can be connected. Up to 5 conversations are available at the same time with the function to initiate a page as public announcement and access the door remote control features. The communication can be established from SIP system to N-8000 system and vice versa.



Applications

» General Commercial Building Application:

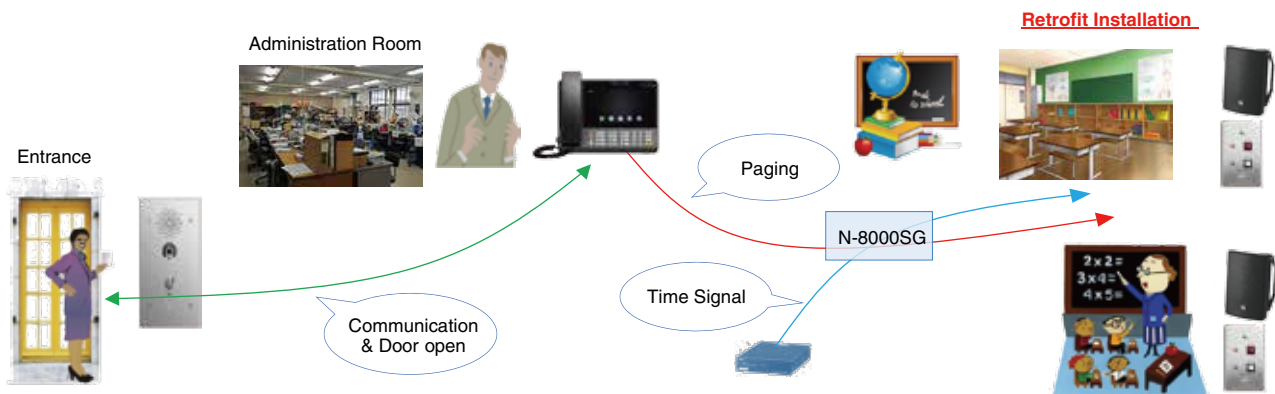
Standard Security Application, such as Building entrance, Parking. The N-SP80MS SIP Multimedia Station can communicate with the N-SP80VS1 Video Door Station or N-SP80VS1 Audio Door Station. 'Door remote control' function can be directly operated from SIP Multimedia Station to the door stations. The N-SP80 Series are compatible with a variety of SIP servers, e.g. the Genetec Security Center that the Genetec Security Center can communicate and have door open with the N-SP80 Series Door Station. The SIP multimedia station can also integrate with the N-8000 system with paging function, door remote control and conversation function.



Applications

» School Application: School intercom + Entrance intercom

Paging can be from SIP Multimedia Station in administration room to the classroom with the integration of N-8000 system as well as PA system. Conversation and door open can be done from N-SP80 SIP Multimedia Station in administration room to the entrance.



Specifications

	N-SP80MS1
Graphic Display	7-inch capacitive touch screen TFT LCD, 800 x 480 pixels, 16:9 wide screen aspect ratio
Camera	2 mega pixels 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
Dimensions (W x H x D)	230 x 218 x 93.7 mm (9.06" x 8.58" x 3.69")

	N-SP80VS1	N-SP80AS1
Camera	2 mega pixels	-
Resolution	Up to 1080p	-
Button	1 panic button; 1 reset button (on board)	
Microphone	1 integrated microphone, IP67	
Speaker	2 Watt, IP66	
Input Relay	2 input relays for alarm	
Output Relay	2 output relays for door opener	
Call Indication	1 RGB LED (colors: red, green, blue)	
Power Input	12V DC input	
Power Consumption	Less than 12W	
Dust/Water Protection	IP54	
Operating Temperature	-20 °C to +55 °C (-4 °F to +131 °F)	
Installation	Flush-mounted, Fit in Clipsal 164/4 back box	
Finish	316 grade stainless steel	
Dimensions	PCB: 74 x 140 mm With flush-mount kit : 120(W) x 210(H) x 61(D) mm	

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Specifications are subject to change without notice.
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