TOA   SIP AUDIO DOOR STATION   N-SP80AS1

■DESCRIPTION

The N-SP80AS1 is a SIP compliant Audio door station designed for use in combination with the common IP telephone system.
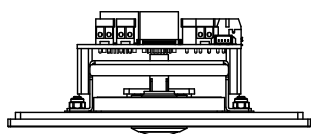An audio echo canceller function assures high-quality hands-free conversation.
Using the built-in relay output, you can unlock the nearby door.
The N-SP80AS1 can be operated when connected to a PoE-compatible switching hub using a LAN cable.
Another feature includes a multicast audio stream receiving function used for paging.
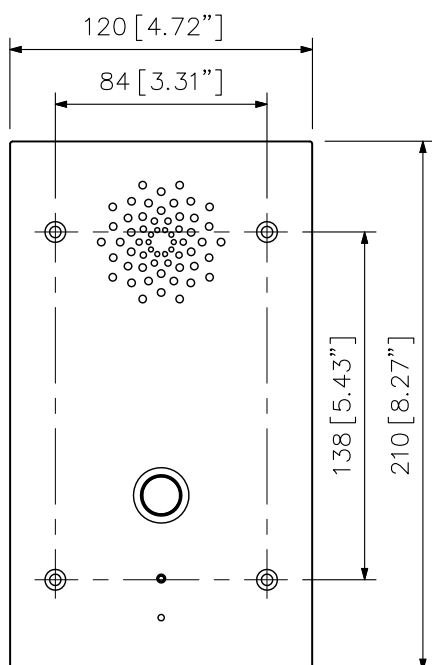
■SPECIFICATIONS

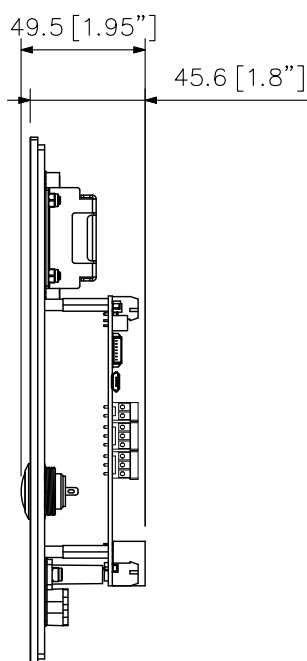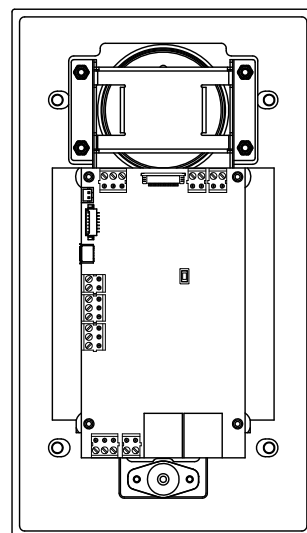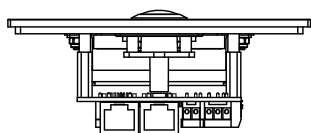|	
Power Supply	PoE (IEEE802.3af) or 12 V DC
Power Consumption	12 W or less
Speech Method	Hands-free conversation
Audio Bandwidth	G.722 codec: up tp 7 kHz
Hands-free	Speaker: 5 cm (1.97") Cone-type, 8 Ω, 1 W Microphone: Omni-directional electret condenser microphone
Control Input	2 channels, no-voltage make contact input, open circuit voltage: 5 V DC or less, short-circuit current: 10 mA or less
Control Output	2 channels, relay output, normal open/normal close output, withstand voltage: 30 V DC, control current: 1 A
DC Power Input	12 V DC
Operation Button	Call button ×1, Reset button ×1
Indication	Status LED
Network	Network I/F: 10BASE-T/100BASE-TX (Auto-Negotiation) Network Protocol: IPv4, HTTP, HTTPS, FTP, SNMP, DNS, NTP, RTSP, RTP, TCP, 　　　　　　　　UDP, ICMP, DHCP, ARP, SIP Packet transmission system: Unicast, Multicast Paging: Multicast receive ×1 Connector: RJ45 2 ports (one supports PoE (IEEE802.3af)) Quantifying bit number: Maximum 16 bits Voice encoding method: G.711 μ-law/A-law, G.722, G.729 Security: Password protection, IP address filtering, SIP over TLS, HTTPS
Speech Features	SIP: SIPv1 (RFC2543), SIPv2 (RFC3261) Audio features: Acoustic echo canceller, VAD (Voice Activity Detection), 　　　　　　　Comfort noise generator Others: Auto answer, Volume control, 　　　Peer-to-peer connection (Direct IP connection without SIP server)
Installation Method	Flush-mount
Operating Temperature	−20 ℃ to +55 ℃ (−4 ℉ to 131 ℉)
Operating Humidity	10 % to 90 %RH (no condensation)
Dust/Water Protection	IP65 (Panel)
Finish	Panel: Stainless steel
Dimensions	120 (W) × 210 (H) × 49.5 (D) mm (4.72" × 8.27" × 1.95")
Weight	850 g (1.87 lb)
Accessory	Box mounting torx screw …4, Torx screw driver …1
Applicable Box	4 size back box: YC-400

TOA Corporation

■APPEARANCE

Top View

120 [4.72"]

84 [3.31"]

49.5 [1.95"]

45.6 [1.8"]

138 [5.43"]

210 [8.27"]

Front View

Side View

Rear View

Bottom View