

■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.

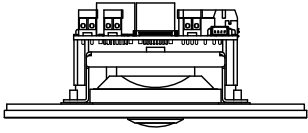
Using the built-in relay output, you can unlock the nearby door.

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.

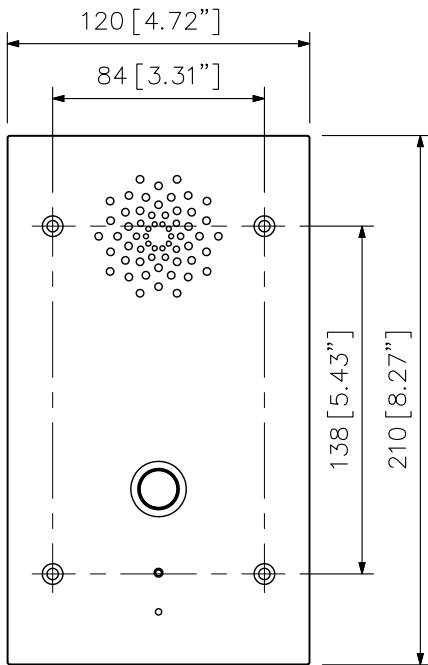
■SPECIFICATIONS

| | |
|-----------------------|---|
| 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 to 7 kHz |
| Hands-free | Speaker: 5 cm (1.97") Cone-type, Maximum output 1 W, 8 Ω Microphone: Omni-directional electret condenser microphone |
| Control Input | 2 channels, no-voltage make contact input, open circuit voltage: 5 V DC, 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 X1, Reset button X1 |
| 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 X1 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 °C to +55 °C (-4 °F to 131 °F) |
| 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 | 870 g (1.92 lb) |
| Accessory | Box mounting torx screw ×4, Torx screw driver ×1 |
| Applicable Box | 4 size back box: YC-400 |

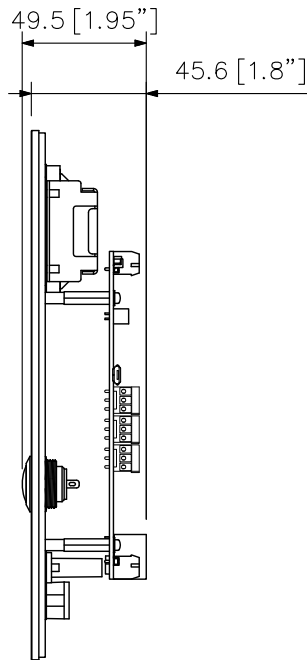
■ APPEARANCE



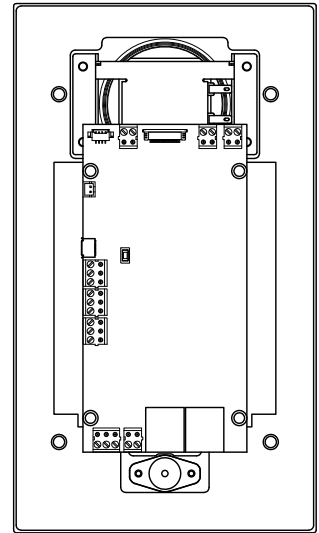
Top View



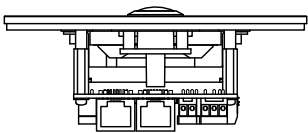
Front View



Side View



Rear View



Bottom View

UNIT: mm SCALE: 1/3