

DESCRIPTION

The N-8540DS is an IP door station employing packet audio technology. Connecting the N-8540DS to an IP network (LAN or WAN) permits hands-free conversation of high sound quality to be made between the N-8540DS and the intercom station connected to the IP Intercom Exchange, or between the N-8540DS and an IP multifunctional master station. Besides, the N-8540DS can be used in conjunction with the Multi Interface units through a network. The N-8540DS is designed for indoor use and can be surface mounted or flush mounted to the wall. Contact output (One-shot make contact) is provided for controlling an electronic lock.

SPECIFICATIONS

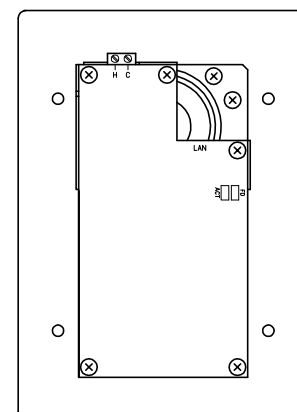
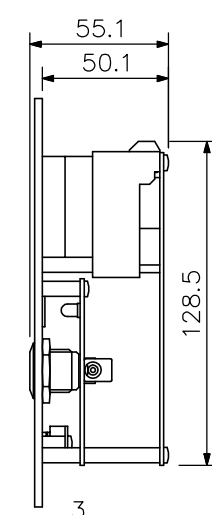
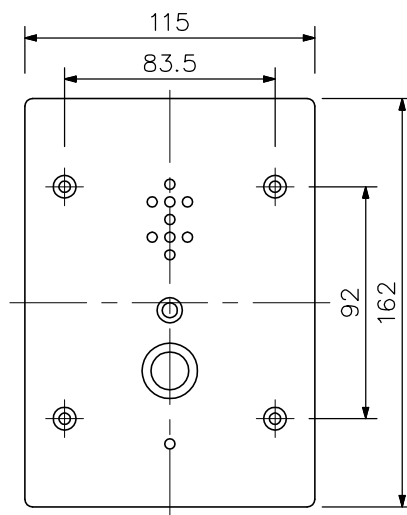
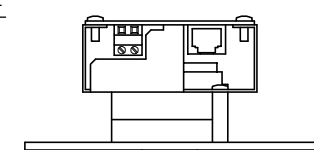
* 0 dB = 1 V

Power Source	Power supply device that complies with IEEE802.3af standard or 12 V DC (supplied from the AC adapter (option))
Power Consumption	4.2 W (at rated), 6 W (max.)
Speech Method	Hands-free conversation
Audio Frequency Range	300 - 7,000 Hz
Hands-free	Speaker: 3.5 cm cone-type, 1 W, 8 Ω Microphone: Omni-directional electret condenser microphone
Contact Output	Open collector output, withstand voltage: 30 V DC, control current: 50 mA one shot: can be set from 1 to 9 sec, screw terminal (polarized)
Network Section	
Network I/F	10BASE-T/100BASE-TX (Auto-Negotiation)
Network Protocol	TCP/IP, UDP, ARP, ICMP, HTTP, RTP, IGMP
Audio Packet	Unicast, Multicast
Connector	RJ45 connector (PoE compatible)
Voice Sampling Frequency	16 kHz, 8 kHz (controllable on the software)
Quantifying Bit Number	16-bit
Voice Encoding Method	Sub-band ADPCM, Cryptosystem
Voice Packet Loss Recovery	Silence insertion
Audio Delay Time	80 ms, 320 ms (controllable on the software)
Installation Method	Flush-mount/Surface-mount
Operating Temperature	-10°C to +50°C
Operating Humidity	Under 90% RH (no condensation)
Finish	Plate: Stainless steel (SUS304), hairline Call button: Metal
Dimensions	115 (W) X 162 (H) X 55.1 (D) mm
Weight	700 g
Accessory	Box mounting screw (No.6-32UNC X 18) ---4, Box mounting screw (M4 X 25) ---4, Ferrite clamp ---1,
Option	AC adapter: AD-1210P
Applicable Box (option)	For wall mount: Wall-mount Box YS-13A For flush mount: 3-gang electrical box or Back Box YC-150

APPEARANCE

* An AC adapter, when used as power source, cannot be put in the YS-13A, YC-150, or a 3-gang electrical box together with the N-8540DS because such boxes do not have enough room to accommodate both.

Top View



UNIT:mm SCALE:1/3 Front View

Side View

Rear View