

DESCRIPTION

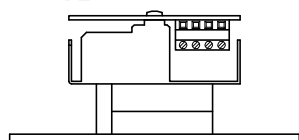
Designed to connect to the IP Intercom Exchange, the N-8050DS is a door station featuring high quality hands-free conversation. It has a contact output (momentarily closed) to remotely control an electronic door lock. It is in full conformity with IP54 water-proof and dust-proof standards. The operating temperature range is -10 to 50°C . As provided with guard nets inside to cover over the openings of microphone and speaker, the N-8050DS can be installed free from care in public space.

SPECIFICATIONS

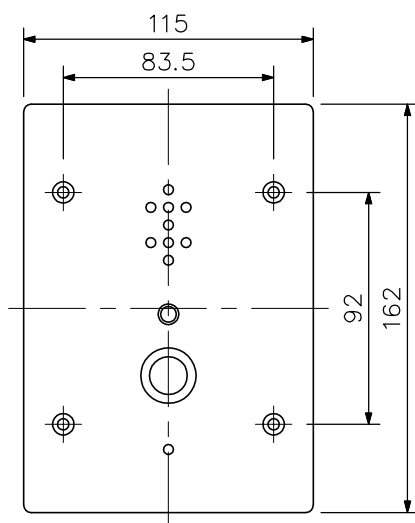
* $0\text{ dB} = 1\text{ V}$

Power Source	48 V DC (supplied from the IP intercom exchange (option))
Power Consumption	1.8 W (at rated), 2.4 W (max.)
Wiring Method	Non-polar one pair stranded wire system
Transmission System	2 wire 160 kbps echo canceller transmission system
Signal Level	Under 0 dB^*
Speech Method	Hands-free conversation
Audio Frequency Range	300 – 7,000 Hz
Transmission Range	Max. 1500 m ($\phi 0.65\text{ mm}$. Loop resistance $170\ \Omega$)
Hands-free	Speaker: 3.5 cm cone-type, 1 W, $8\ \Omega$ Microphone: Omni-directional electret condenser microphone
Contact Output	Open collector output, withstand voltage: Max. 30 V DC, control current: Max. 50 mA, one shot: can be set from 1 to 9 s, screw terminal (polarized)
Line Connecting Terminal	2 wire, screw terminal (non-polar)
Setting Method	Flush-mount/Surface-mount
Operating Temperature	-10°C to $+50^{\circ}\text{C}$
Operating Humidity	Under 90% RH (no condensation)
Housing Protection	BS EN62262: 2002: IK02 equivalent
Dust/Water Protection	IP54 (Note that panel edges must be sealed at installation.)
Finish	Plate: Stainless steel (SUS304), hairline Call button: Metal
Dimensions	115 (W) x 162 (H) x 54 (D) mm
Weight	680 g
Accessory	Box mounting screw (No.6–32UNC $\times 18$)...4, Box mounting screw (M4 $\times 25$)...4, Acoustic absorbent (made of felt)...1
Applicable Box (option)	For flush mount: 3-gang electrical box or Back Box YC-150 For wall mount: Wall-mount Box YS-13A

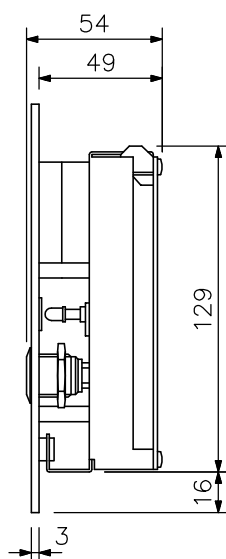
APPEARANCE



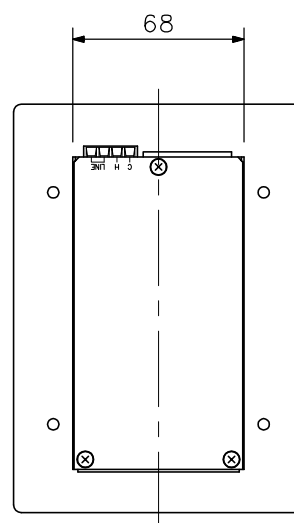
Top View



Front View



Side View



Rear View

UNIT:mm SCALE:1/3