

NSO 001

IP Outdoor Intercom Station with Stainless Steel Housing



Features and Functions

- Network connection via Ethernet
- Modules made of stainless steel
- Up to 2 keys to announce oneself at porter's offices or control rooms and to establish voice connections
- Microphone sensitivity and speaker volume can be adjusted
- Monitoring of microphone function

The look of the gate intercom stations is optically adapted for the use at gateways, entrance areas, elevators, clean rooms, etc. They are available with 3 modules (microphone, loudspeaker and key module with 1 or 2 keys) and are suited for installation in surface-mounted housings. Their special design makes them resistant to dirt, dust, and vandalism.

Components	<ul style="list-style-type: none"> • NVCB control electronics • Modules: microphone, loudspeaker, 1 or 2 keys
Optional	<ul style="list-style-type: none"> • Mounting post
Mechanical Data	<ul style="list-style-type: none"> • Width x height x depth 136 mm x 333 mm x 76 mm (5.4" x 13.1" x 3") • Weight Approx. 4.5 kg (approx. 9.9 lbs)
Electrical Data	<ul style="list-style-type: none"> • Power supply PoE according to IEEE 802.3af, Class 3, 15 W or external power supply (42 VDC to 57 VDC, 0.1 A at 48 V) • Typical power consumption 3 W • Amplifier output 0.75 W • Loudspeaker 7 W / 8 Ohms • Service interface Mini USB

Network Requirements

- Power over Ethernet (PoE) recommended
- IPv4 network
- Support of UDP, SCTP, RTP and RTCP protocols
- Quality of Service (QoS)
 - Ideal latency value: <20 ms (max. 50 ms)
 - Jitter: max. 10 ms
- 10Base-T/100Base-TX Ethernet (IEEE 802.3), 100 MBit/s recommended
- 200 kBit/s basic bandwidth and 200 kBit/s per active audio channel

Environmental Requirements and Standards

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|--|--------------------------------------|
| • Ambient temperature during operation | -20 °C to +50 °C (-4 °F to +122 °F) |
| • Relative humidity (non-condensing) | Max. 95 % |
| • Degree of protection | IP54 |
| • EMC | IEC/EN 61000-6-2
IEC/EN 61000-6-4 |

Order Data

Type	Type Number
1 NSO 001 IP outdoor intercom station with 1 key, microphone, loudspeaker and protective label	301-555-301
2 NSO 001 IP outdoor intercom station with 2 keys, microphone, loudspeaker and protective label	301-555-300

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Subject to technical modifications