



NSO 001

# IP OUTDOOR INTERCOM STATION

## WITH STAINLESS STEEL HOUSING

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, speaker 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.

Its connectivity and health status is constantly monitored, logged and flexibly notified system-internally and to third-party systems.



- 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
- Self-diagnostics by monitoring of internal electronics, microphone and network connectivity

## COMPONENTS

NVCB control electronics

Modules: microphone, speaker, 1 or 2 keys

## MECHANICAL DATA

**Width x height x depth** 136 mm x 333 mm x 76 mm  
(5.35" x 13.11" x 2.99")

**Weight** Approx. 4.5 kg (approx. 9.92 lbs)

## ELECTRICAL DATA

**Power supply** PoE according to IEEE 802.3af, Class 3, 15 W or external power supply (42 V DC to 57 V DC, 0.1 A at 48 V DC)

**Typical power consumption** 3 W

**Amplifier output** 0.75 W

**Speaker** 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

**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, speaker and protective label	301-555-301
2 NSO 001 IP outdoor intercom station with 2 keys, microphone, speaker and protective label	301-555-300

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