

NCP 001 R

IP PC INTERCOM STATION

INTERCOM STATION FOR RACK MOUNTING WITH CUSTOMIZABLE USER INTERFACE

NCP 001 R provides an advanced solution for an IP PC intercom station which is especially designed for use as a service station installed inside a cabinet. Operation is possible via touch screen.

There are two network interfaces available which allow for a redundant network access. If one network interface fails, data is transmitted via the second one.

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



- Graphical user interface divided into clearly structured areas and layers
- User interface highly customizable
- Layer navigation for each area possible
- Management of up to 2000 buttons
- Intuitive user interface and clear indication of current events
- Speaker and microphone volume adjustable via user interface
- Cleaning mode for touch panel
- Audio bandwidth of up to 16 kHz
- Redundant network interface

OTHER FEATURES

Software can run exclusively or in window mode

Design of user interface can be configured via the INDUSTRONIC configuration software Config Manager

Changes in configuration can also be performed on site using the Config Manager (e.g. number, layout, labeling and functions of the buttons, signaling, user interface layout)

Status indications:

Connection to the system

Microphone active while connection is established

Speaker or microphone muted

Confirmation prompt prior to alarm start

Dial keypad

COMPONENTS

Software for NCP 001

PC with Microsoft® Windows® 10 IoT

15" TFT monitor with resistive touch screen suitable for industrial environments, 1024 x 768 pixels

Gooseneck microphone

Loudspeaker

MECHANICAL DATA

Design 19" slide-in chassis, 6 RU

Width x height x depth 483 mm x 267 mm x 150 mm
(19" x 10.51" x 5.91")

Weight 7 kg (15.43 lbs)

Color Deep Black (RAL 9005)

ELECTRICAL DATA

Operating voltage 12 V DC

Max. current consumption 4 A

Typical power consumption 20 W

OPERATING SYSTEM

Microsoft® Windows® 10 IoT

PC HARDWARE

Processor Intel® Core™ i3 processor

Mass storage SSD

Network interfaces 2 x LAN 100 MBit

NETWORK REQUIREMENTS

IPv4 network

Support of UDP, TCP, 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 for active audio channel

ORDER DATA

Type **Type Number**

NCP 001 R-A51C04M1550 351-650-400



ACTIVATIONS

Description	Type Number
ACT-NCP Base Activation for one INDUSTRONIC IP intercom station of the NCP series	101-200-001
ACT-NCP 200 Buttons Activation of 200 buttons for INDUSTRONIC IP intercom stations of the NCP series	101-200-003

ACCESSORY



Type	5 DRDC 12
Description	DC/DC converter for DIN Rail mounting Input voltage from 18 V CD to 75 V DC Output voltage from 9 V DC to 13.2 V DC Output power max. 60 W
Type Number	309-113-000



Type	4 GW 01
Description	DC/DC converter Input voltage from 36 V DC to 72 V DC Output voltage 12 V DC Output power max. 50 W
Type Number	309-107-200

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