2N IP One Door Intercom Instruction Manual

2N IP One Door Intercom

Contents

Product Overview

Read this manual carefully before using the product and follow the instructions and recommendations included therein. Refer to wiki.2n.com for complete user documentation.

2N IP One is an elegant yet solid and mechanically resistant IP video intercom designed for residential buildings. It provides a reliable access control and easy interoperability with other systems for a higher building security. Thanks to SIP support and compatibility with major IP PBX and phone manufacturers, it can benefit from all VoIP network services.

Installation Requirements

- LAN connection, UTP cable Cat5 or higher with an RJ-45 connector.
- PoE 802.3af or 12 V DC / 2 A power supply.
- completed flush mounting.

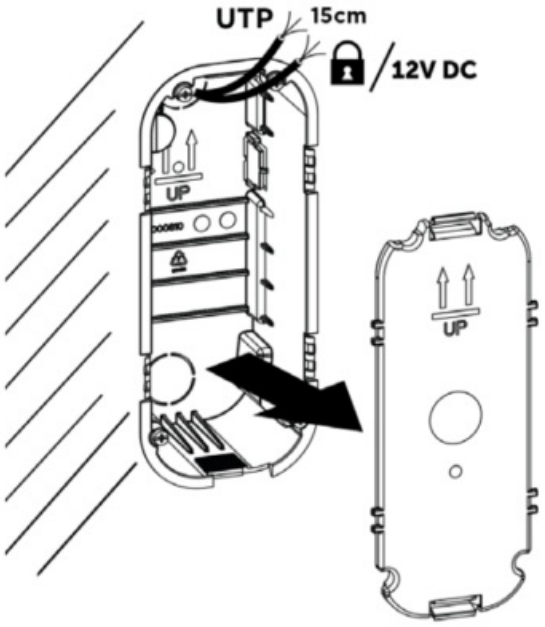
Mechanical Installation

The device is designed for flush mounting.

Device Installation

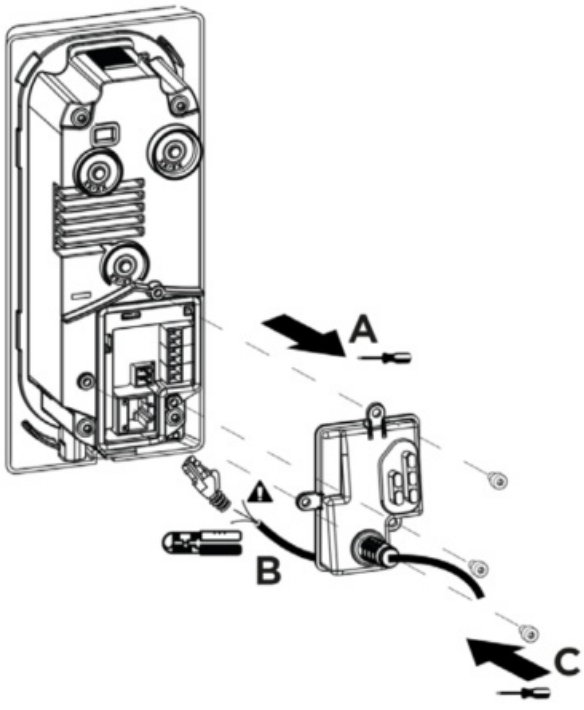
Let the walling material harden after finishing the masonry and wall surfacing and remove the blank.

1



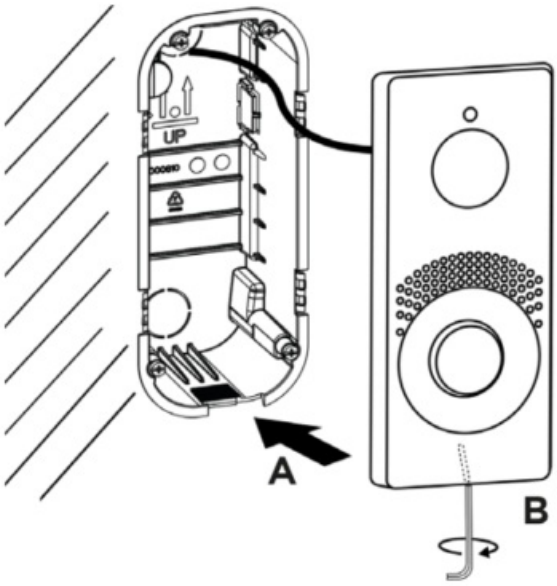
The package includes an L-shaped plastic plate and 3 Torx head screws. Cut 1 – 2 mm off the upper part of the cylinder-shaped rubber on the plate. Pull the cable through the remaining part. Use a crimping tool to crimp the cable connector and insert it in the terminal. Cover the terminal space with a plate and screw it.

2



Insert the metal device body into the walled-in box and fit it on the bottom using a Torx head screw.

3

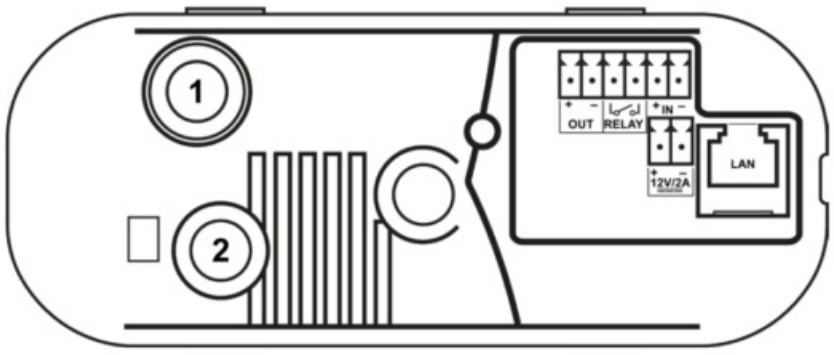


- ! Before starting the mechanical installation on a selected place, make sure carefully that the preparations associated with it (drilling, wall cutting) cannot damage the electrical, gas, water and other existing wires and pipes.
- Keep the maximum tightening torque of 0.5 Nm.
- The warranty does not apply to the product defects and failures arisen as a result of improper mounting (in contradiction herewith). The manufacturer is neither liable for damage caused by theft within an area that is accessible after the attached electric lock is switched on. The product is not designed as a burglar protection device except when used in combination with a standard lock, which has the security function.

Electrical Installation

Overview of Main Unit Connectors

4



Main Unit Connector Configuration

OUT	Active switch output: 12 V DC, max. 600 mA
RELAY	Terminals for 20 V AC or 30 V DC switched voltage, 1A NO contact
IN1	IN1 terminals for input in passive/ active mode (–30 V to +30 V DC) • ON = closed contact or UIN < 1.5 V • OFF = open contact or UIN > 1.5 V
12 V / 2 A	Terminals for external 12V / 2A DC power supply
LAN	LAN (PoE according to 802.3af) connector

Main Unit Backside Button Description

Button	**Button name**	**Function**
1	Tamper Switch	The purpose of the tam per switch is to signal a ny unauthorized openin g of the intercom (to pre vent a theft, e.g.).
2	CONTROL button	Used for resetting the d efault factory values

Security

The 12V output is used for lock connection. If the device is installed in a location where there is a danger of unauthorized tampering, the use of a 2N Security Relay (Part No. 9159010) is strongly recommended. Device that is installed between an intercom (outside the secured area) and the electric lock (inside the secured area). 2N Security Relay includes a relay that can only be activated if the valid opening code is received from the intercom.

Configuration

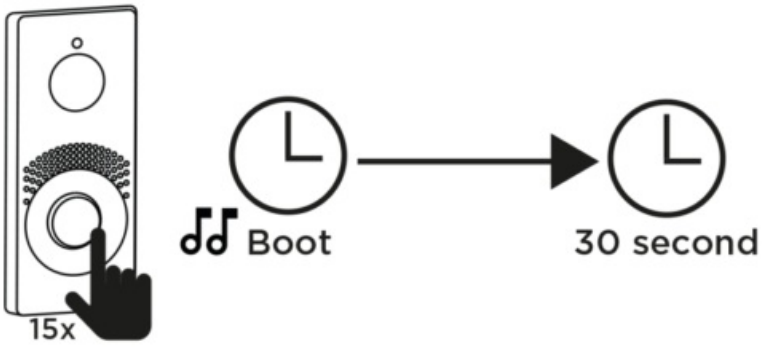
Configure 2N IP One using your PC with any internet browser:
Launch your Internet browser (Chrome, Firefox, etc.).
Enter the IP address of your intercom (http://192.168.1.100/, e.g.).
Log in using the username Admin and password 2n.

IP Address Retrieval
To retrieve the IP address, press the Speed dial button 5 times.

To retrieve the device IP address you can also use 2N Network Scanner, which can be freely downloaded from www.2n.com.

Static IP Address Setting
To set the Static IP address mode (DHCP OFF), press the Speed dial button 15 times.

5



Dynamic IP Address Setting
To set the Dynamic IP address mode (DHCP ON), press the Speed dial button 15 times.

Factory Reset

- The CONTROL button is used for resetting the default factory values.

Follow the instructions below to reset the factory default values:

- Disconnect the device from the power supply.
- Press and hold the CONTROL button.
- Connect the device to the power supply.
- Keep holding the button for a few seconds and then release it.

Device Restart
To restart the device, disconnect the device from the power supply or use the web interface in the System / Maintenance section. No configuration change appears after the restart.

Maintenance

To clean the device, use a piece of soft cloth moistened with clean water; never use aggressive detergents and alcohol/peroxide-based cleaners. We recommend that IT cleaning wipes are used.

Declaration of Conformity
Hereby, 2N TELEKOMUNIKACE a.s. declares the equipment type 2N IP One is in compliance with directives 2014/30/EU, 2014/35/EU and 2011/65/EU. The full text of the EU declaration of conformity is available at the internet address **www.2n.com/declaration**. This product is compliant with applicable security requirements of the UK PSTI regime. The Statement of compliance of the manufacturer is available via URL **www.2n.com/ukpsti**.

Customer Support

wiki.2n.com

Documents / Resources

	2N IP One Door Intercom [pdf] Instruction Manual IP One Door Intercom, IP One, Door Intercom, Intercom

References

- 2N - a Global Leader in IP Intercoms and Access Control - 2N
- 2N Manuals Dashboard
- 2N - a Global Leader in IP Intercoms and Access Control - 2N
- Declaraciones de conformidad - 2N
- Declarations of Conformity - 2N
- Déclarations de conformité - 2N
- Dichiarazione di conformità - 2N
- Konformitätserklärung - 2N
- User Manual