2N® Access Unit

www.2n.cz

IK8 IP54

VERTICALS

Office

Residential

Industry

Education

Transportation
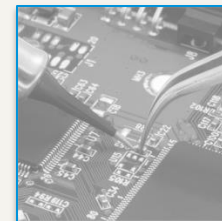

Government

Retail

Leisure & entertainment

Healthcare

OEM

2N

Controller and RFID reader in one

> 2N® Access Unit combines door controller and RFID card reader in one complex device connected via UTP cable to the network which significantly decrease the cost of installation labor.
>
> The unit can be augmented with additional modules (e.g. keyboard, RFID reader, Bluetooth, Wiegand, etc.), which will be appreciated in complicated installations.
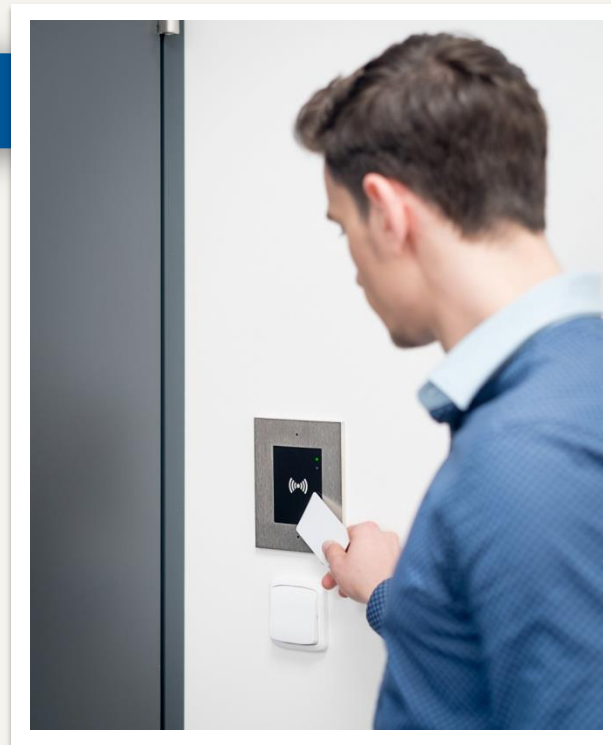
Feeling of safety

> To prevent criminals to gain an access to the wiring in order to compromise the device there is a **tamper switch** inside. It detects tampering attempts and triggers an alarm or **sends an email** to security guard.
>
> Network security is guaranteed by **802.1X** protocol that protect the network against hackers.

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Trouble-free installation

> The access control unit can easily be got up and running by people without any installation experience. All without even having to go through intensive training or to pore over cryptic manuals.
>
> All accessories such as REX, magnetic door contact or electrical strike / lock are connected directly to the unit.
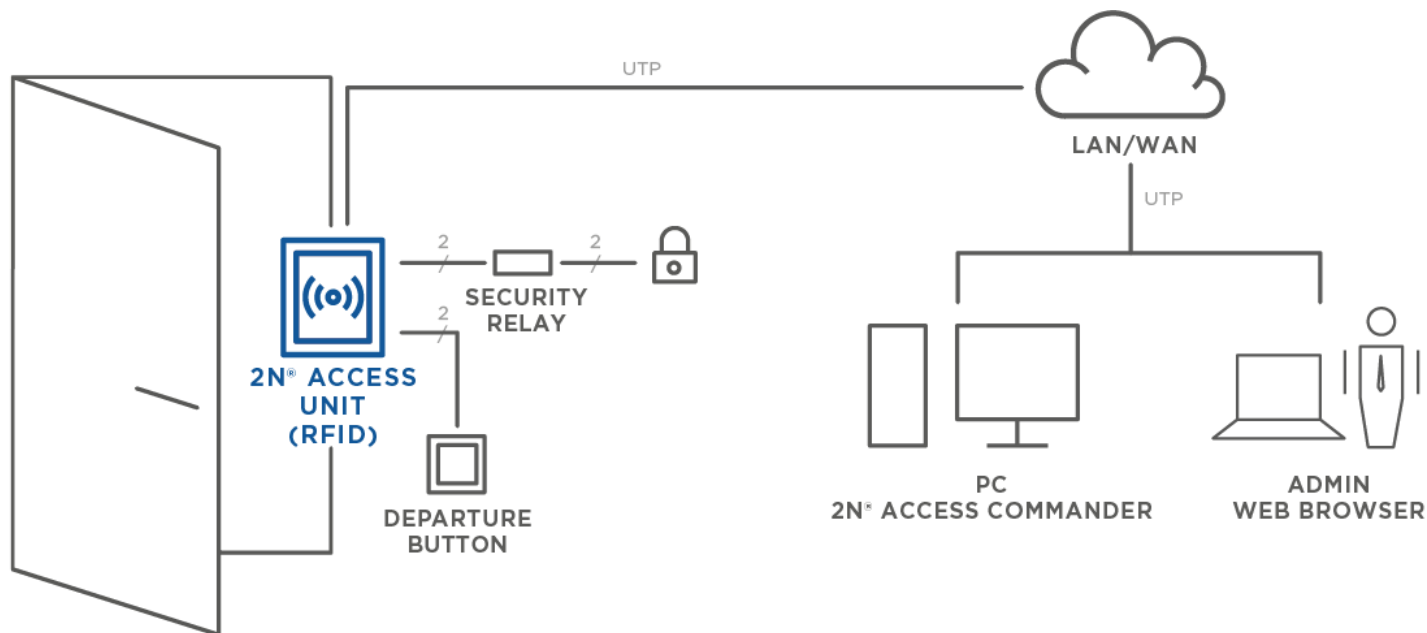
![2N logo]

Opening the door by phone

> 2N® Access Unit will allow you to open the door not only using an RFID card or key fob, but also using an **NFC-enabled** smartphones (Android 4.4 and higher).
>
> The only thing you need is 2N® Mobile Key app that is available for free on Google Play

CONNECTION TOPOLOGY

PRODUCT VARIANTS

2N® Access Unit
(125kHz)

916009

2N® Access Unit
(13.56MHz + NFC)

916010

COMPATIBLE MODULES

Touch Display
9155036

Keypad module
9155031

RFID Card Reader
9155040

Bluetooth module
9155046

I/O module
9155034

MOUNTING ACCESSORIES

RJ45 pigtail

916020

Surface frame

9155021

Backplate

9155061

Flush mount frame

9155011

Flush mount box

9155014

ADDITIONAL ACCESSORIES

NFC License
916012

Security Relay
9159010

Strike with contact
932061E

Door contact
9159012

Exit button
9159013

Technical Specification

Interfaces
•**Power supply:** PoE (802.3af) and/or 12V ±15 % / 2A DC
•**Passive switch:** dry and wet contact, up to 30V/1A AC/DC
•**Active output:** up to 12V DC and 550mA
•**Inputs:** passive / active mode (-30V to +30V DC)

RFID card readers
•**Supported 13.56 MHz cards** (only card S/N is read):
  • **ISO/IEC 14443A**: Mifare Classic 1k & 4k, DESFire EV1, Mini, Plus S&X, Ultralight, Ultralight C
  • **ISO/IEC 14443B**: CEPAS, HID iCLASS
  • **JIS X 6319**: Felica
  • **ISO/IEC 18092**: SmartPhone with NFC/HCE support
•**Supported 125 kHz cards:** EM4100, EM4102, HID Prox

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