

# 2N<sup>®</sup> ACCESS UNIT RFID

## RFID CARD READER IN A 125KHZ OR 13.56MHZ VERSION

The 2N<sup>®</sup> Access Unit RFID is an access control unit based purely on IP technology. It combines the functions of a traditional door controller and RFID reader, which significantly reduces installation, cabling, and maintenance costs. It supports cards or other media using 125 kHz or 13.56 MHz frequencies.



- **Controller and RFID reader in one device**
- **Advanced event reporting**
- **Single cable installation**
- **NFC for door opening**
- **Web interface administration**

### **ORDER NUM.:**

916009 (125kHz) / 916010 (13.56MHz)

## VARIANTS



## TECHNICAL PARAMETERS

### Interface

Power supply	PoE and/or 12V/1A DC
PoE	802.3af (Class 0-12.95W)
LAN	10/100BASE-TX with Auto-MDIX, connecting block or RJ-45 pigtail
Recommended cabling	Cat-5e or higher
Supported protocols	DHCP opt. 66, SMTP, 802.1x, TFTP, HTTP, HTTPS, Syslog
Passive switch	NO/NC contact, up to 30 V / 1 A AC/DC
Active switch output	8 to 12 V DC according to power supply (PoE: 10 V; adapter: source voltage minus 2 V), up to 400 mA
Tamper switch is part of	of the 2N Access Unit
Inputs	Passive / active mode (-30 V to +30 V DC)

### RFID card reader

Supported frequencies	13.56 MHz & 125 kHz
125 kHz	EM4100, EM4102, HID Prox
13.56 MHz	ISO14443A, ISO14443B, ISO15693, NFC support

a) reads only UID (CSN)

b) reads both PACs ID (HID iClass cards with SIO object)

Supported NFC devices	Smartphones with NFC (HCE support required) and the 2N® Mobile Key application, only for Android 6.0 or higher
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### Mechanical properties

Cover	Robust zinc cast with surface finish (nickel and black colour)
Operating temperature	-40 °C to 60 °C
Storage temperature	-40 °C to 70 °C
Operating relative humidity	10%-95% (non-condensing)
Dimensions	
Wall (surface) mounting frame	
1 module	107 (W) x 130 (H) x 28 (D) mm
Flush mounting frame:	
1 module	130 (W) x 153 (H) x 5 (D) mm
Flush mounting box (minimum hole dimensions)	
1 module	108 (W) x 131 (H) x 45 (D) mm
Weight	max 0.8kg
Cover rating	IP54 and IK08