

2N[®] ACCESS UNIT BLUETOOTH

SECURE AND USER-FRIENDLY ACCESS CONTROL USING A SMARTPHONE

An IP access control unit that lets users open a door using Bluetooth technology (BLE) and a smartphone or tablet. All you need is the 2N[®] Mobile Key installed on your mobile device. The 2N[®] Access Unit Bluetooth also supports two-factor user identification and is designed for locations with high security levels.



- **Configurable reading distances and modes**
- **Internet banking level of security**
- **Simple pairing process**
- **Two-factor authentication**
- **Mobile credentials are free**

ORDER NUM.:

916013

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 550 mA
Tamper switch is part of	of the 2N Access Unit
Inputs	Passive / active mode (-30 V to +30 V DC)

Bluetooth Technology

Version	Compatible with Bluetooth 4.0 or higher (BLE)
Reception sensitivity	Up to -93 dBm
Range	Adjustable (short - 0.5m, medium - 2m, long - up to 10m)
Security	RSA-1024 and AES-128 encryption
Consumption	20mA at 12V DC
Mobile applications	2N® Mobile Key (support starting from Android 6.0 and iOS 11.0)

Mechanical properties

Cover	Robust zinc cast with surface finish (nickel and black color)
Operating temperature	-40 °C to 60 °C
Storage temperature	-40 °C to 70 °C
Operating relative humidity	10%-95% (non-condensing)
Dimensions (1-module solution)	
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