

# 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		Mechanical properties	
Power supply	PoE and/or 12V/1A DC	Cover	Robust zinc cast with surface finish (nickel and black color)
PoE	802.3af (Class 0-12.95W)	Operating temperature	-40 °C to 60 °C
LAN	10/100BASE-TX with Auto-MDIX, connecting block or RJ-45 pigtail	Storage temperature	-40 °C to 70 °C
Recommended cabling	Cat-5e or higher	Operating relative humidity	10%-95% (non-condensing)
Supported protocols	DHCP opt. 66, SMTP, 802.1x, TFTP, HTTP, HTTPS, Syslog	Dimensions (1-module solution)	
Passive switch	NO/NC contact, up to 30 V / 1 A AC/DC	Wall (surface) mounting frame	
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	1 module	107 (W) x 130 (H) x 28 (D) mm
Tamper switch is part of the 2N Access Unit		Flush mounting frame	
Inputs	Passive / active mode (-30 V to +30 V DC)	1 module	130 (W) x 153 (H) x 5 (D) mm
Bluetooth Technology		Flush mounting box (minimum hole dimensions)	
Version	Compatible with Bluetooth 4.0 or higher (BLE)	1 module	108 (W) x 131 (H) x 45 (D) mm
Reception sensitivity	Up to -93 dBm	Weight	max 0.8kg
Range	Adjustable (short - 0.5m, medium - 2m, long - up to 10m)	Cover rating	IP54 and IK08
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)		