

## 2N ACCESS UNIT M

SMART READER IN NARROW DESIGN

The 2N Access Unit M is the ideal reader for offices. Its controller is built-in and all you need to connect and power the device is a single UTP cable. Thanks to its compact design, you can easily install the unit on a door frame. Choose from several versions - RFID, RFID combined with mobile access via Bluetooth, or RFID with a keypad, which is perfect for projects that require two-factor authentication.



- Narrow design ideal for installation on the door frame
- Fastest mobile access
- Controller and reader in one
- Perfect for the office or outdoor
- Quick installation
- Encrypted two-way communication



**2N® ACCESS UNIT M RFID  
13.56 MHz, NFC**

916112

**2N® ACCESS UNIT M RFID  
SECURED 13.56 MHz, NFC**  
916112-S



**2N® ACCESS UNIT M RFID  
MULTIFREQUENCY, NFC**

916114

**2N® ACCESS UNIT M RFID  
MULTIFREQUENCY, SECURED, NFC**  
916114-S



**2N® ACCESS UNIT M  
BLUETOOTH & RFID, NFC**

916115

**2N® ACCESS UNIT M BLUETOOTH  
& RFID, SECURED, NFC**  
916115-S



**2N® ACCESS UNIT M TOUCH  
KEYPAD & RFID, NFC**

916116

**2N® ACCESS UNIT M TOUCH  
KEYPAD & RFID, SECURED, NFC**  
916116-S

**INTERFACES**

Power supply	12V+-15%/1A input
PoE	802.3af
LAN	10/100BASE-TX with Auto-MDIX, RJ-45 female (pigtail)
Recommended cabling	Cat-5e or better
Active switch output	12V DC / max 400mA
Passive switch	NO/NC relay, 30V 1A AC/DC
Inputs	2 inputs - in passive / active mode (-30 VDC to + 30 VDC) OFF = OPEN or Uin > 1.5 V ON = CLOSED or Uin < 1.5 V
Tamper switch	Native part of the 2N Access Unit M
Audio	Buzzer
Speaker	1W / 8ohm

**MECHANICAL PROPERTIES**

Cover	Tempered glass with rugged plastic
Operating temperature	-40°C to 60°C
Storage temperature	-40°C to 70°C
Operating relative humidity	10%-95% (non-condensing)
Dimensions (surface mounted):	50 (W) x 133 (H) x 27 (D) mm
Weight max.	0.5kg
Cover rating	IP55 and IK07

**RFID CARD READER**

Supported frequencies	13.56MHz variant (optionally secured)
	125kHz and 13.56MHz variant (optionally secured 13.56 MHz)
	125kHz (EM4100, EM4102, Prox)
	13.56MHz (ISO14443A, ISO14443B, NFC support)
	reads UID (CSN)
	reads PACs ID (HID iClass cards with SIO object)

**BLUETOOTH**

Version	Compatible with Bluetooth 4.0 or higher (BLE) Bluetooth 5.0 LE compliant
Range	Adjustable (short - 0.5m, medium - 2m, long - up to 10 m)
Security	RSA-1024 and AES-128 encryption
RX sensitivity	94.8 dBm at 1 Mbps
Mode	touch, tap in app

**MOBILE APPLICATION SUPPORT**

Android 6.0 and higher, iOS 12.0 and higher

**TOUCH KEPAD**

Technology	Capacitive touch technology High touch layer sensitivity (0.1pF)
Reliability	Regular automatic calibration (SmartSense) Does not detect false touches on wet surface
Signalling	Configurable backlight intensity Indication using multicoloured LEDs Acoustic response for every keypad touch