

## 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.



- Slimline design
- Fastest mobile access
- Controller and reader in one
- Perfect for the office or outdoor
- Quick installation
- Encrypted two-way communication

## VARIANTS



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

916112

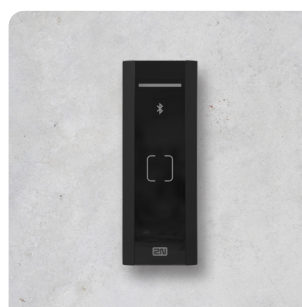
**2N® ACCESS UNIT M RFID  
SECURED 13.56 MHZ, NFC**  
916112-S



**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	PoE and/or 12 V/1 A DC
PoE	802.3af (Class 0-12.95 W)
LAN	10/100BASE-TX with Auto-MDIX, RJ-45 female (pigtail)
Recommended cabling	Cat-5e or better
Active switch output	8 to 12 V DC/max 600 mA
Passive switch	NO/NC relay, 30V 1A AC/DC
Inputs	2 inputs - in passive / active mode (-30 VDC to + 30 VDC) OFF = OPEN or $U_{in} > 1.5 V$ ON = CLOSED or $U_{in} < 1.5 V$
Tamper switch	native part of the 2N Access Unit M
Audio	buzzer, 1 W/8ohm
Supported protocols	DHCP opt. 66, SMTP, TFTP, HTTP, HTTPS, Syslog

### 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 0.5 kg
Cover rating	IP55 and IK07

### BLUETOOTH

Version	compatible with Bluetooth 5.0 LE
Range	adjustable (short - 0.5m, medium - 2m, long - up to 10 m)
Security	RSA-1024 and AES-128 encryption
RX sensitivity	up to 94.8 dBm

### MOBILE APPLICATION SUPPORT

Android 6.0 and higher, iOS 12.0 and higher

### RFID CARD READER

Supported frequencies 13.56MHz variant (optionally secured)

125kHz	EM4100, EM4102
13.56MHz	ISO14443A, ISO14443B, NFC support reads UID (CSN)

### TOUCH KEPAD

Technology	capacitive touch technology high touch layer sensitivity (0.1pF)
Reliability	regular automatic calibration (SmartSense Auto-tuning) does not detect false touches on wet surface
Signalling	configurable backlight intensity indication using multicoloured LEDs acoustic response for every keypad touch