

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
MULTIFREQUENCY, NFC
916114**



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



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

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 - typically up to 3m*, long - typically up to 10m*)
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 125kHz and 13.56MHz variant
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

*distances should serve only as an approximate guide and may vary depending on the phone model and installation environment