

## 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  
SECURED 13.56 MHZ, NFC**  
02393-001



**2N® ACCESS UNIT M RFID  
MULTIFREQUENCY, SECURED, NFC**  
02394-001



**2N® ACCESS UNIT M BLUETOOTH  
& RFID, SECURED, NFC**  
02395-001



**2N® ACCESS UNIT M TOUCH  
KEYPAD & RFID, SECURED, NFC**  
02396-001

### 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 Uin > 1.5 V ON = CLOSED or Uin < 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°F to + 140°F
Storage temperature	-40°F to +158°F
Operating relative humidity	10%-95% (non-condensing)
Dimensions (surface mounted):	1.969 (W) x 5.236 (H) x 1.063 (D) inch
Weight	max 1,1 pounds
Cover rating	IP55 and IK07

### BLUETOOTH

Version	compatible with Bluetooth 5.0 LE
Range	(short - typically up to 9 ft*, long - typically up to 30 ft*)
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