

2N Access Unit M Touch Keypad & RFID Access Control Reader (9161161)



Product Name: 2N Access Unit M Touch Keypad & RFID Access Control Reader (9161161)
Manufacturer: 2N Telecommunications
Model Number: 9161161

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The 2N Access Unit M Touch Keypad & RFID is a slim access control reader with an in-built controller – a single UTP cable is all you need for connection and power. Its slimline design is ideal for installation in tricky spots such as door frames. This version combines RFID access with a capacitive touch keypad, offering two-factor authentication for projects that need it. The nearly 3-metre-long Ethernet pigtail makes installation straightforward – pull it through the door frame and into the ceiling, then connect to your IP infrastructure. Optional flush or surface mount installation boxes are available separately for wall mounting. Controller and reader are combined in one small device, saving on cabling, and it works without needing to communicate with a server. Rated IP55 and IK07, the 2N Access Unit M can be installed outdoors, and its tempered glass front panel keeps it scratch-free after years of daily use. The RFID reader supports secured MIFARE®; DESFire®; cards encrypted with 2N PICard technology, protecting against card copying. 2N Access Unit M Technical Specifications:

Power Supply

½ Type: PoE and/or 12 V/1 A DC
 ½ PoE: 802.3af (Class 0–12.95 W)

Interfaces

½ LAN: 10/100 BASE-TX Auto-MDIX, RJ-45 male (2.9m pigtail)
 ½ Recommended cabling: Cat-5e or better
 ½ Active switch output: 8 to 12 V DC/max 600 mA
 ½ Passive switch: NO/NC relay, 30V 1A AC/DC
 ½ 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
 ½ Tamper switch: native part of the 2N Access Unit M
 ½ Audio: buzzer, 1 W/8ohm
 ½ Supported protocols: DHCP opt. 66, SMTP, TFTP, HTTP, HTTPS, Syslog

RFID Card Reader

½ Supported frequencies: 125kHz and 13.56MHz variant
 ½ 125 kHz: EM4xxx
 ½ 13.56 MHz: reads UID (CSN): ISO14443A, PicoPass (HID iClass), FeliCa, ST SR(IX), NFC (My2N app)
 ½ Reads secured MIFARE®; DESFire®; EV2/EV3 cards using 2N PICard technology

Touch Keypad

½ Technology: capacitive touch technology, high touch layer sensitivity (0.1pF)
 ½ Reliability: regular automatic calibration (SmartSense Autotuning); does not detect false touches on wet surface
 ½ Signalling: configurable backlight intensity, indication using multicoloured LEDs, acoustic response for every keypad touch

Other Physical Features

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- Frame: 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)
- Cover rating: IP55 and IK07
- Warranty: 5 years
- Dimensions (W x D x H): 5.0 x 2.7 x 13.3 cm

Package Contents

- 1 x 2N Access Unit M (Touch Keypad & RFID, NFC)

Please Enquire
