

## 2N Access Unit 2.0 RFID Secured (9160334-S)



Product Name: 2N Access Unit 2.0 RFID Secured (9160334-S)

Manufacturer: 2N Telecommunications

Model Number: 9160334-S

### 2N Access Unit 2.0 RFID Secured (9160334-S)

The 2N Access Unit 2.0 has a multi-frequency RFID reader supporting 125kHz as well as 13.56MHz credentials, which allow a transition to modern access control in a very smooth way, minimising one-off costs. A lot of companies are still using the old, unsecure proximity technology that can be easily compromised.

#### 2N Access Unit 2.0 RFID Key Features

- ½ Multi-frequency RFID card reader
- ½ Minimum wiring requirements
- ½ Same design as IP intercoms
- ½ Remote configuration and administration

The innovative 2N Access Unit 2.0 is based purely on IP technology. It combines the functions of a traditional controller with the functions of end access device. The unit is available in versions with keypad, RFID card reader, fingerprint reader or Bluetooth. Its characteristic design is striking, also being attractive thanks to simple installation and configuration. Naturally, it can also be connected to 2N IP intercoms, gaining you a comprehensive access control system solution which you can manage easily via 2N Access Commander.

#### Easily installed edge device

A single Ethernet cable (PoE) and a possibility to connect a door strike and REX button directly to the unit make the installation absolutely simple.

#### Transition to secure cards

Now you have only one device which ensures a stepby-step transition from obsolete, easy-to-copy 125kHz technology to a smart, more secure 13.56MHz.

#### Remote configuration and management

The 2N Access Unit 2.0 can be remotely configured via 2N®; Remote Configuration cloud service or administrator can use 2N Access Commander for bulk management.

#### 2N Access Unit 2.0 RFID Technical Specifications

##### Interfaces

- ½ Power: PoE or 12V &plusmn;15% / 2A DC
- ½ PoE: 802.3af (Class 0 - 12.95W)
- ½ LAN: 10/100BASE-TX s Auto-MDIX, RJ-45 modular jack
- ½ Recommended cabling: Cat-5e or better
- ½ Active switch output: 8 to 12V DC / max 600mA
- ½ Passive switch: NO/NC contacts, up to 30V 1A AC/DC
- ½ Inputs: 2 inputs – in passive / active mode (-30V to + 30V DC)
- ½ Tamper switch: native part of the 2N Access Unit 2.0
- ½ Audio: buzzer and microphone

##### Bluetooth reader

- ½ Version: compatible with Bluetooth 4.0 or higher (BLE)
- ½ Range: adjustable (short ~ 0.5m, medium ~ 2m, long ~ up to 10 m)
- ½ Security: RSA-1024 and AES-128 encryption
- ½ RX sensitivity: up to -93 dBm

##### RFID card reader

- ½ 125kHz (EM4100, EM4102, Prox)

## 2N Access Unit 2.0 RFID Secured (9160334-S)

• 13.56MHz (ISO14443A, ISO14443B, ISO15693, podpora NFC )

• reads UID

• reads PACs ID (SIO enabled cards from HID)

### Touch Keypad

• Technology: capacitive touch technology high touch layer sensitivity (0.1pF)

• Reliability: regular automatic calibration (SmartSence), does not detect false touches on wet surface

• Signalling: configurable backlight intensity indication using multicoloured LEDs acoustic response for every keypad touch

• Mobile Application Support: Android 5.0 and higher, iOS 11.0 and higher (i.e. iPhone 5S and newer)

### Mechanical Properties

• Cover: Robust zinc cast frame with surface finish (nickel and black colour)

• Operating temperature: -40°C ~ +60°C

• Storage temperature -40°C ~ +70°C

• Operating relative humidity: 10%-95% (non-condensing)

• Wall (surface) mounting frame: 107 (W) x 130 (H) x 28 (D) mm

• Flush mounting frame: 130 (W) x 153 (H) x 5 (D) mm

• Flush mounting box (minimum hole): 108 (W) x 131 (H) x 45 (D) mm

• Weight: max. 0.8kg

• Cover rating: IP54 and IK08

### Expansion Modules

• 2N Access Unit 2.0 supports modules from the 2N® IP Verso intercom: RFID card readers, keypad, fingerprint, Bluetooth, I/O module, Wiegand, etc.

**Price: £538.90**