

## 2N Access Unit 2.0 Bluetooth and RFID Secured (9160335-S)



Product Name: 2N Access Unit 2.0 Bluetooth and RFID Secured (9160335-S)

Manufacturer: -

Model Number: 9160335-S

Please Note: This product is end of life. For an alternative, please see the other 2N Access Units.

### 2N Access Unit 2.0 Bluetooth and RFID Secured (9160335-S)

The 2N Access Unit 2.0 Bluetooth and RFID 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.

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

- Convenience of mobile credentials
- Mobile credentials for free
- Multi-frequency RFID card reader
- Different modes of user's authentication

### 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 step-by-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's Remote Configuration cloud service or administrator can use 2N Access Commander for bulk management.

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

#### Interfaces

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

#### Bluetooth reader

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

#### RFID card reader

- 125kHz (EM4100, EM4102, Prox)
- 13.56MHz (ISO14443A, ISO14443B, ISO15693, podpora NFC )

## 2N Access Unit 2.0 Bluetooth and RFID Secured (9160335-S)

• 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 (SmartSense), 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.

**Please Enquire**