

2N Access Unit 2.0 Bluetooth & RFID Access Control Reader (9160345)



Product Name: 2N Access Unit 2.0 Bluetooth & RFID Access Control Reader (9160345)

Manufacturer: 2N Telecommunications

Model Number: 9160345

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The 2N Access Unit 2.0 Bluetooth & RFID is a modern access control reader ideal for residential and commercial projects. It combines mobile credential access via Bluetooth with traditional RFID cards, giving flexibility for users. There's no need for an external controller – the intelligence is already built into the reader. Installation is quick, with remote administration supported, and the reader is available with flush mount or surface mount installation frames. 2N Access Unit 2.0 Technical Specifications:

Power Supply

• Type: PoE and/or 12 V/1 A DC

• PoE: 802.3af (Class 0 – 12.95 W)

Interfaces

• LAN: 10/100BASE-TX with Auto-MDIX, RJ-45 jack

• Recommended cabling: Cat-5e or better

• Active switch output: 8 to 12 V DC/max 600 mA

• Passive switch: NO/NC contacts, up to 30 V/1 A AC/DC

• Inputs: 2 inputs - in passive/active mode (-30 V to +30 V DC); OFF = open or $U_{in} > 1.5 V$; ON = short-circuit or $U_{in} < 1.5 V$

• Tamper switch: native part of the 2N Access Unit 2.0

• Audio: buzzer (97dBA)

• Supported protocols: DHCP opt. 66, SMTP, TFTP, HTTP, HTTPS, Syslog

Bluetooth Reader

• Version: compatible with Bluetooth 5.0 (BLE)

• Range: short - typically up to 3m, long - typically up to 10m (approximate guide, varies by phone model and installation environment)

• Security: RSA-1024 and AES-128 encryption

• RX sensitivity: up to -93 dBm

• Modes: touch, tap in app, card

Mobile Application Support

• Android 12, iOS 18.0 (iPhone, iPad), visionOS 2.0 (Apple Vision), watchOS 11.2 (Apple Watch) - and higher

RFID Card Reader

• 125 kHz: EM4xxx

• 13.56 MHz: ISO14443A, PicoPass (HID iClass), FeliCa, ST SR(IX), NFC (My2N app)

• Reads UID (CSN) and secured MIFARE®; DESFire®; EV2/EV3 cards using 2N PICard technology

Extension Modules

• Supports modules from the 2N IP Verso intercom: RFID, Bluetooth and fingerprint readers,

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keypad, I/O module, Wiegand, etc.

Other Physical Features

½ Frame: robust zinc cast frame with surface finish (nickel and black colour)

½ Operating temperature: -40°C to +60°C

½ Storage temperature: -40°C to +70°C

½ Operating relative humidity: 10%-95% (non-condensing)

½ Cover rating: IP54 and IK08

½ Warranty: 5 years

½ Dimensions, wall (surface) mounting frame (W x D x H): 10.7 x 2.8 x 13.0 cm

½ Dimensions, flush mounting frame (W x D x H): 13.0 x 0.5 x 15.3 cm

½ Dimensions, flush mounting box / minimum hole (W x D x H): 10.8 x 4.5 x 13.1 cm

Package Contents

½ 1 x 2N Access Unit 2.0 Bluetooth & RFID reader module

Please Enquire
