2N® ACCESS UNIT 2.0 RFID

MULTI-FREQUENCY RFID CARD READER

The 2N® Access Unit 2.0 RFID access control unit has a multi-frequency RFID card reader that allows the simultaneous use of older 125kHz cards and new, secure 13.56MHz smart cards. Its greatest benefits are simple installation using a single ethernet cable, remote administration and hardware and software security.

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

ORDER NUM.:
02146-001 (125kHz, Secured 13.56 MHz, NFC reader)

TECHNICAL PARAMETERS

Interfaces

Power supply	PoE and/or 12V/1A DC
PoE	802.3af (Class 0–12.95W)
LAN	10/100BASE-TX with 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

RFID card reader

Supported frequencies	125kHz and 13.56MHz

125kHz (EM4100, EM4102, Prox)
13.56MHz (ISO14443A, ISO14443B, NFC support)
- reads UID (CSN)
- reads PACs ID (HID iClass cards with SIO object)

Mechanical properties

Cover	Robust zinc cast frame with surface finish (nickel and black colour)
Operating temperature	-40°F to 140°F
Storage temperature	-40°F to 158°F
Operating relative humidity	10%-95% (non-condensing)
Dimensions (1-module solution)	
Wall (surface) mounting frame	4.213 (W) x 5.118 (H) x 1.102 (D) inch
Flush mounting frame	5.118 (W) x 6.024 (H) x 0.197 (D) inch
Flush mounting box (minimum hole)	4.252 (W) x 5.157 (H) x 1.772 (D) inch
Weight	max. 1.76 lb
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.