2N

2N® ACCESS UNIT 2.0 TOUCH KEYPAD & RFID
COMPACT MULTI-TECHNOLOGY ACCESS UNIT

2N® Access Unit 2.0 Touch Keypad & RFID is a compact access control unit equipped with an RFID card reader and touch keypad. The unit has a multi-frequency RFID card reader that allows using both older 125kHz cards and smart and secure 13.56MHz ones and thus covers functions of three separate access units. The device is intended for indoor and outdoor installations.
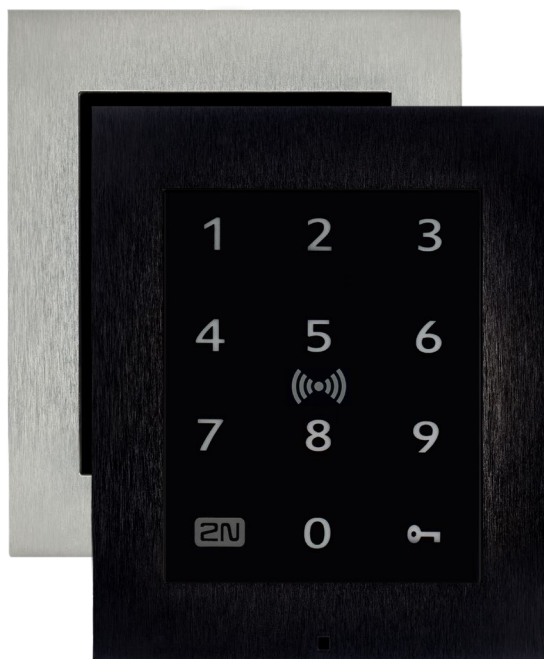
- **Transition to smart and secured cards**
- **Smart automatic calibration**
- **Two-factor authentication**
- **Silent alarm activation**
- **Remote configuration and management**

ORDER NUM.:

9160336 (125kHz, 13.56 MHz, NFC reader) / 9160336-S (125kHz, Secured 13.56 MHz, NFC reader)

VARIANTS

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

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

RFID card reader

Supported frequencies	125kHz and 13.56MHz

125kHz (EM4100, EM4102, Prox)
13.56MHz (ISO14443A, ISO14443B, NFC support)
- reads UID
- 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°C to 60°C
Storage temperature	-40°C to 70°C
Operating relative humidity	10%-95% (non-condensing)
Dimensions (1-module solution)	
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.