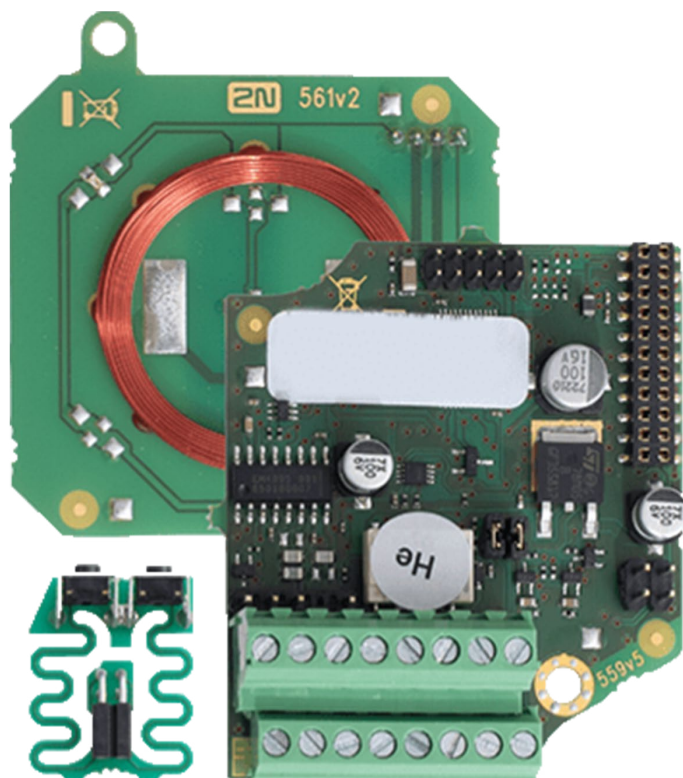# RFID 125kHz, 13.56MHz & OSDP

Internal RFID card reader for installation in 2N IP Force 2.0 intercoms. Allows the use of both 125 kHz and 13.56 MHz frequency cards.

Two additional relays, two logical inputs and an OSDP interface are available. OSDP protocol provides higher security than the Wiegand protocol and encrypts the transmitted data.

It is compatible with the 2N IP Force 2.0 two-button and pictogram models (9151301CRP, 9151302CR). It also includes a tamper switch to signal when the front panel is opened.

Variants

**RFID 125kHz,
13.56MHz &
OSDP**

9151325

Technical Parameters

Parameters

Includes	RFID reader, tamper switch, active output, relay, two inputs, OSDP module
OSDP Interface	OSDP reader (software configurable)
Active switch output	9.8 to 13.8 V DC according to power supply (PoE+: 11,6 V; adapter: power supply voltage minus 0,4 V), up to 400 mA
Relay	NO contact max. 30 V / 1 A AC/DC (SSR A, SSR B)
Inputs	2 inputs: active (requires external voltage) or passive (requires external contact only)
Signaling output	Internal red LED under the intercom front panel
Power supply	12 V DC ± 15% / 350 mA for external RFID card reader

Supported cards

125 kHZ	EM4x02, NXP HiTag2
13.56 MHz	**ISO14443A:** MIFARE® Classic®, MIFARE Plus®, MIFARE Mini, MIFARE Ultralight®, MIFARE DESFire® **HID® iClass:** HID® iClass CSN, PicoPass **FeliCa:** Standard, Lite **ST SR:** SR, SRI, SRIX **2N PICard:** supports MIFARE DESFire EV2 & EV3 cards **NFC/HCE:** smartphone with the My2N App

Mechanical properties

Working temperature	−30 °C – +55 °C
Storing temperature	−40 °C – +70 °C
Working relative humidity	10 % – 95 % (non-condensing)

Warranty

5-year warranty. See:
https://www.2n.com/en_GB/support/warranty-and-repair