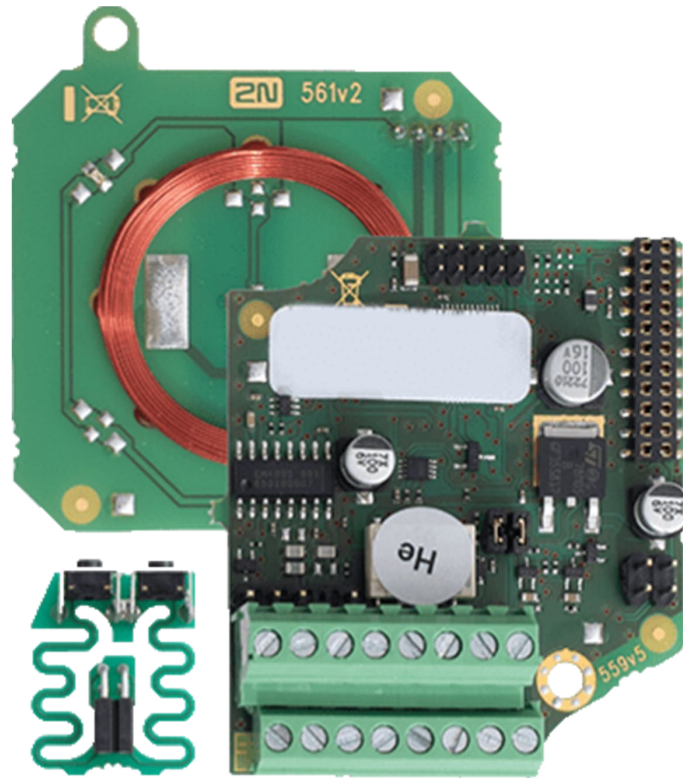


2N



RFID 125kHz, Seos[®] Compatible 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, including encrypted access credentials.

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

It's 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



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, HID® Prox
13.56 MHz	ISO14443A: MIFARE® Classic®, MIFARE Plus®, MIFARE Mini, MIFARE Ultralight®, MIFARE DESFire® PicoPass: HID® iClass® CSN, Picopass FeliCa: Standard, Lite ST SR: SR, SRI, SRIX HID: HID Seos, HID iClass SE™, iClass SR, HID MIFARE DESFire with SIO, HID MIFARE Classic with SIO, HID DESFire EV3 SE 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	