



# ATS1161N

ATS Mifare DESFire & EV1 Reader with PIN, output & RTE

## Product Overview

---

The ATS Mifare readers connect directly on the RS485 data bus of the control panel or 4 Door Controller and may be configured and addressed via a LCD keypad or address configuration card ATS1482. The devices offer a Request To Exit input and one open collector output that can be used to control a door relay or door strike.

The ATS Mifare readers are designed for reliable and secure access control, data collection and people identification in various environments. The MIFARE proprietary technology is based upon the ISO 14443 (RFID) Type A 13.56 MHz contact less smart card standard. The technology is embedded in both cards and readers (also referred to as a Proximity Coupling Device).

These innovative products read the unique MIFARE CSN (Card Serial Number) of Philips Mifare®, I-Code®, Inside PicoTag® and most of the existing and forthcoming ISO15693 tags like Tag-it®, ST, Infineon etc. compatible with MIFARE Standard 1k or 4k. This also includes EV1 and DESfire cards.



## Communication

---

Readers are suitable for most applications and offer a direct connection to Advisor MASTER control panels and door controllers. Good performance and robustness ensure optimal functionality even in harsh environments (up to IP64).

## Design

---

The unique design of the housing guarantees that the readers can be used in the most demanding surroundings. Readers can be installed directly on to a metal surface without any insulation.

- Multi protocol reader
- Reads the chip serial number
- Mifare Classic and DESfire EV1 CSN
- Robust molded plastic housing
- Indoor or outdoor mounting
- ATS bus interface
- With Keypad
- Request To Exit input
- Open collector output (door relay/strike)

# ATS1161N

ATS Mifare DESFire & EV1 Reader with PIN, output & RTE

Voltage	10.8 - 30 VDC
Current consumption	130 m A max.
Material of design housing	Plastic
Dimensions of housing	(hwxwd) 140 x 44 x 20 mm
Operating temperature	-40 to +55 °C
Storage temperature	-40 to +55 °C
Protection class	IP64
Cable	LIYY 2 m
Connectivity	RS485 data bus device
Addressing	Via Keypad or config. card
Led	Tricolor
Carrier frequency	13.56 MHz
Field strength	According to EN300330
EMC	Meets CE requirements
Pry-off tamper	Optical sensor
Open collector output	10 mA max

ATS1161N	Mifare card reader with PIN keypad, supporting Mifare Classic and DESfire EV1 cards using serial number. Provide Request To Exit input and Open Collector output. Supplied with 2 meter cable
ATS1160N	Mifare card reader without keypad, supporting Mifare Classic and DesFire EV1 cards using serial number. Provide Request To Exit input and Open Collector output. Supplied with 2 meter cable
ATS1482	ATS Reader Address Configuration Card for ATS1160/61 Mifare Readers

