

Smartcard Booster LEGIC

long-range vehicle & driver
identification tag

Key features:

- ✓ simultaneous vehicle and driver identification
- ✓ identification up to 10 meters (33 feet)
- ✓ patented dual identification solution
- ✓ supported credentials: LEGIC (Prime & Advant)
- ✓ easy mounting to vehicle's windshield



The Smartcard Booster LEGIC is a vehicle and driver identification tag. This patented solution ensures that a vehicle can only get access to a secured area when driven by an authorized driver. The Smartcard Booster LEGIC is used in combination with (existing) LEGIC smart cards. Based on semi active RFID technology, the Smartcard Booster LEGIC is identified up to 10 meters (33 feet) with the TRANSIT Ultimate or TRANSIT Standard reader.

Typical applications include highly secured vehicle access at airports, seaports, military bases, utility companies, corporate and educational campuses, police, fire and other installations where vehicles must be assigned to specific drivers.

Driver based identification

The driver based vehicle identification solution consists of two elements: a LEGIC access card and an in-vehicle Smartcard Booster LEGIC. Once configured, the Smartcard Booster LEGIC is mounted on the inside of a vehicle's windshield. When an authorized access card (driver ID) is inserted into the Smartcard Booster LEGIC it is read, combined with the vehicle ID, and then boosted to the TRANSIT reader. The TRANSIT transmits the combined ID numbers to any access control system. If this combination is authorized, access is granted and the gate opens automatically.

Building access

By removing the access card from the Smartcard Booster LEGIC, it can be used for building access. The Booster solution eliminates the need to issue (new) cards, making it easily integrable into existing installations.

As the solution operates only when the access card and the Smartcard Booster LEGIC are combined, removal of the access card ensures a high level of security.

Configuration

The Smartcard Booster LEGIC needs to be configured using the Master Token Set. This set enables entering the customer specific parameters into the Smartcard Booster LEGIC to find the companies' specific access control segment.

Windshield mounting

As the Smartcard Booster LEGIC is equipped with suction pads on the backside, it can be mounted onto the windshield easily. Thanks to this convenient design, installing the Booster only takes seconds.

Technical information	Smartcard Booster LEGIC
Part number	9961798 Smartcard Booster LEGIC
Dimensions	111 x 65 x 28 mm (4.4 x 2.6 x 1.1 in)
Color	RAL 7016 (housing), RAL 7035 (edge)
Weight	110 g (3.9 oz)
Protection class	IP32 (approx. NEMA 2)
Material	PC and TPU
Operating temperature	-40 ... +85°C (-40 ... +185°F)
Storage temperature	-40 ... +85°C (-40 ... +185°F)
Relative humidity	10% ... 93% relative humidity, non condensing
Read range	10 meters (33 ft) with TRANSIT Ultimate or TRANSIT Standard 4 meters (12 ft) with TRANSIT Entry 5...10 centimeter (1.9...3.9 in) with proximity handheld
Operating frequency	2.45 GHz / 120 kHz / 13.56 MHz
Operating modes	RO-C = read-only, switch button activation
Supported cards	LEGIC Prime LEGIC Advant ISO14443-A/B CSN
Air interface	Nedap proprietary encoding standard
Battery	User replaceable alkaline AAA batteries (x2) with expected lifetime of 5 years, battery life is not affected by the number of times the tags is read of RF fields from other sources.
Mounting	Attaches with a suction pad to the inside of all normal windscreens*. *In case of a metalized windscreen, please contact your Nedap representative.
Compatible readers	9215689 TRANSIT Ultimate 9990410 TRANSIT Standard 9875220 TRANSIT Standard USA 9876200 TRANSIT Entry
Optional accessories	Configuration kit for Smartcard-Booster LEGIC 9964029 LEGIC Master Token Set
Standards	CE, FCC, IC, ACMA, R-NZ
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