

Compact Tag

Handsfree single ID tag, clamshell design



Key Features:

- Credit card size
- Identification up to 7 meters [23 ft]
- Dual side read capability
- Good price/ performance ratio
- Optional battery low indication
- Optional Tag Holder for windshield mounting

The Compact Tag is a slim line RF tag combining long and short range identification of 7 meters (23 ft) in various applications.

The Compact Tag has a standardized credit card size and can be identified up to 7 meters (23 feet) with the TRANSIT Standard and TRANSIT Extended readers. In combination with the TRANSIT Entry reader the tag will be identified up to 4 meters (12 feet).

Dual side read capability

The Compact Tag features bi-faced antenna design allowing the tag to be read from both sides, eliminating the need to present the tag with one particular side facing the TRANSIT Standard or Entry reader.

Battery low indication

The Compact Tag can optionally be enabled with battery low indication.

Read Only programmed

The Compact Tag is Read Only (R/O) programmed. The Compact Tag is factory programmed with a specific security code and a unique tag ID number. The part number, tag ID number and date of manufacture are laser etched into the back case of the tag.

Tag Holder

Optionally a Tag Holder is available for easy mounting of the Compact Tag to the windshield.

Embedded Nedap proximity

The Compact Tag is featured with an embedded Nedap proximity technology for identification of the compact tag in combination with Nedap short range antennas.

Applications

Typical applications include handsfree identification of vehicles or people over long range such as

- access to emergency rooms
- access for disabled
- door access
- personnel tracking
- gated community access
- access to parking facilities.



Change without prior notice/ version 2.5_English

Specifications



Compact Tag

Operating frequency	2.45 GHz and optional 120 kHz
Dimensions	85,5 x 54 x 4,9 mm [3.36 x 2.13 x 0.19 in] credit card size
Weight	20 gram [0.7 oz]
Protection	IP54 [approx. NEMA 2]
Colour	Grey, according to RAL 7035
Operating temperature	-20 ... +85°C [-4 ... +185°F]
Storage temperature	-20 ... +85°C [-4 ... +185°F]
Detection range	7 meters [23 ft] with TRANSIT Standard or Extended reader 4 meters [12 ft] with TRANSIT Entry reader
Humidity	10% ... 93% relative humidity, non condensing
Power supply	Built-in lithium battery with expected lifetime of 5 years, under normal usage and normal circumstances. Battery lifetime is not affected by the number of times the tag is read or RF fields from other sources
Mounting	Optional mounting accessories such as Tag Holder and Card Clip.
Short-range identification	Nedap 120 kHz and optional EM4102 compatible
Identification	R/O Read/only decimal number
Operating modes	RO-A, Read only continuous transmission of the tag ID (default) RO-D, Read only random transmission of the tag ID EM-A, Read only EM4102 mode always on EM-D, Read only EM4102 mode random transmission of tag ID
Part numbers	9891900 Compact Tag
Documentation	Compact Tag_InstallGuide_English Windshield mounted tags_InstallGuide_English
Mounting accessories	Mounting 5402948 Tag Holder , <i>Compact Tag holder without suction pad or bi-adhesive</i> 5402956 Tag Holder with suction pad, <i>Compact Tag Holder with suction pads for easy windshield mounting</i> 5450055 Card Clip, <i>a chrome metal crocodile clip with nylon strap</i>



Represented by:

NEDAP N.V. Automatic Vehicle Identification - PO Box 103 - NL-7140 AC Groenlo
T: +31 (0) 544 471 666 - F: +31 (0) 544 464 255 - E: info-avi@nedap.com

www.nedapavi.com