Compact Button

long-range vehicle identification tag
(with user activation)

Key features:
- ✓ automatic vehicle identification
- ✓ identification up to 15 meters* (50 feet)
- ✓ easy mounting to vehicle's windshield
- ✓ battery powered to give a strong response signal
- ✓ in 'always on' mode or with user activation button

The Compact Button is a long-range vehicle identification tag. This tag is based on semi-active RFID technology. It operates on a frequency with very little interference or environmental noise. In additon, the tag is battery powered to give a strong response signal, which makes it the most accurate and reliable identification system. The read-range is up to 15 meters* (50 feet) in combination with the TRANSIT Ultimate reader.

The Compact Button is the preferred choice for installations where vehicles need to be identified in a secure and most accurate manner. Typical applications include secure vehicle access to critical infrastructure and accurate identification of vehicles to enter a logistic site.

User activation functionality
For applications that require user activation, the user can switch to 'user activation' mode by pressing and holding the button. In 'user activation' mode the driver determines the time and distance of the vehicle being identified by pressing the button. When the button on the front of the tag is activated by the driver, the tag ID is transmitted to the TRANSIT reader for 5 seconds.

Typical applications for using the tag in 'user activation' mode are if activation is related to a fee or if there is a lot of cross traffic with tags to operate the gate only if needed.

Windshield mounting
As the Compact Button is equipped with a suction pad with industrial strength, the Compact Button can easily be placed on the windshield without blocking the drivers sight due to its small size.

Read Only programmed
The Compact Button is Read Only (R/O) programmed. It is default programmed with a specific security code and an unique tag ID number. The part number, tag ID number and production date are laser engraved onto the backside of the tag.

Sustainable design
Besides the material reduction in size, the Compact Button features a replaceable battery with an expected lifetime of 8 years after which the battery can be replaced for more years of service. The product is produced in The Netherlands with an eye for sustainable sourcing, processing, labour and reducing the logistic footprint.

* In combination with the TRANSIT Ultimate reader. The maximum read range depends on reader type, the installation and the environment.

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Technical information	Compact Button
Part number	9230149 - NVT2201
Dimensions	Ø60 mm
Color	Anthracite, according to RAL 7016
Weight	35 g
Protection class	IP32 (approx. NEMA2)
Material	PC
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	Up to 15 meters (50 ft) with TRANSIT Ultimate
Operating frequency	2.45 GHz / 120 kHz
Air interface	Nedap proprietary encoding standard
Battery	User replaceable battery CR2450 3V Lithium coincell with expected lifetime of 8 years. Tag standard features an acoustic battery low indication.
Mounting	Attaches with a suction pad to the inside of all normal windscreens. In case of a metalized windscreen a metal free communication window is required.
Compatible readers	9215689 TRANSIT Ultimate
Standards	CE, UKCA, FCC, IC, ACMA, R-NZ
Document version number	1.0