

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 addition, 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.*

| Technical information | | Compact Button - NVT2201 |
|-------------------------|---|--------------------------|
| Part number | 9567909 Compact Button - Default Programming US 9567879 Compact Button - Default Programming 9230149 Compact Button - Custom Programming | |
| 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 coin cell 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 | TRANSIT Ultimate | |
| Standards | CE, UKCA, FCC, IC, ACMA, R-NZ | |
| Document version number | 1.1 | |