The eGo® Plus License Plate Tag is a 915 MHz RF programmable, beam-powered, license plate mounted tag, packaged in a water-resistant case. This tag is ideal for applications that require exterior-mounted, low-cost, easily installed tags.

The eGo Plus License Plate Tag supports Super eGo (SeGo), eGo, and ATA protocols. It is suitable for a wide variety of automatic vehicle identification (AVI) transportation applications, including electronic toll collection, airports and ground transportation management systems, parking access, and security access applications.

Using an RFID tag-on-a-chip ASIC, the eGo Plus License Plate Tag offers a read range of up to 31.5 feet (9.6 meters) and 2048-bit read/write memory. The tag provides the capability to read, write, rewrite, or permanently lock individual bytes.

Each eGo Plus License Plate Tag comes equipped with a factory-programmed unique tag identification number that prevents the tag from being duplicated.

The eGo Plus License Plate Tag is read by TransCore’s family of readers, which are configurable to support a protocol compliant with ANSI NCITS 256-2001, ISO 18000-6B, and ISO 10374 standards, and the ATA Standard for Automatic Equipment Identification. This multiprotocol feature of the eGo Plus License Plate Tag makes it ideal for migrating from a mixed-tag population to a common tag.

Optional features include custom external laser etching and custom programming. An optional Exterior Tag Accessory Kit makes the installed tag tamper-resistant.

Features

- Supports Super eGo® (SeGo), eGo, and ATA protocols
- License plate mounted
- Non-battery
- 2048-bit read/write memory
- Ideal for electronic toll collection, airport access and ground transportation management systems, parking access, and security access
- Compatible with TransCore Encompass® multiprotocol readers, AI1200-series readers, and AI1600-series readers
# eGo® Plus License Plate Tag

## COMMUNICATIONS

<table>
<thead>
<tr>
<th>Frequency Range</th>
<th>902 to 928 MHz</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maximum Read Range</td>
<td>31.5 feet (9.6 m) with licensed readers, Federal Communications Commission (FCC) Part 90</td>
</tr>
<tr>
<td>Polarization</td>
<td>Linear, horizontal</td>
</tr>
<tr>
<td>Anti-collision Protocol</td>
<td>Efficient, binary tree-type anti-collision algorithm</td>
</tr>
</tbody>
</table>

## Performance

The eGo Plus License Plate Tag can be read from and written to at highway speeds.

## SOFTWARE FEATURES

**SeGo and eGo Modes:** 2048 bits  
**ATA Mode:** 120 bits  
User memory programmable using RF link

## PHYSICAL

**Dimensions**  
1.5 x 8.5 x 0.85 in. (3.8 x 21.6 x 2.15 cm)

## Weight

3.8 oz. (108 g)

## Mounting Method

Typically mounted with existing license plate brackets and hardware.

## ENVIRONMENTAL

<table>
<thead>
<tr>
<th>Operating Temperature</th>
<th>-40°F to +185°F (-40°C to +85°C)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Storage Temperature</td>
<td>-40°F to +203°F (-40°C to +95°C)</td>
</tr>
<tr>
<td>Humidity</td>
<td>95% non-condensing @113°F (45°C)</td>
</tr>
<tr>
<td>Vibration Tolerance</td>
<td>1 Grms, 5 to 2000 Hz, 3 axes</td>
</tr>
<tr>
<td>Shock Tolerance</td>
<td>50 G, 1/2 sine pulse, 3-ms duration, 3 axes</td>
</tr>
</tbody>
</table>

## Ultraviolet Radiation Exposure

Tag is not damaged by long-term exposure to sunlight.

## STANDARDS


## COLOR

The eGo Plus License Plate Tag standard case color is black.

## OPTIONS

- Custom laser etching  
- Customer-specific tag programming at the factory  
- TransCore Exterior Tag Accessory Kit (P/N 19077-01). This kit makes the installed tag tamper-resistant.

## MODELS AVAILABLE

13-0700-900: eGo Plus License Plate Tag

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For more information:

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800.923.4824

Technical Support  
505.856.8007

transcore.com