The eGo® Plus Mini Sticker Tag is a 915 MHz radio frequency programmable, beam-powered, windshield-mounted tag, ideal for applications that require low-cost, easily installed tags.

The eGo Plus Mini Sticker Tag supports Super eGo (SeGo), eGo, and American Trucking Association (ATA) protocols. It is suitable for a wide variety of automatic vehicle identification (AVI) transportation applications, including electronic toll collection, airport/ground transportation management systems, parking access, and security access applications.

Secure

The eGo Plus Mini Sticker Tag, in conjunction with TransCore readers, enables advanced security techniques that ensure the authenticity of each tag while preventing data corruption and/or alteration. In addition, tag cloning, spoofing, copying, and duplicating are prevented. The eGo Plus Mini Sticker Tag supports factory programming of fixed data fields that are locked at the factory and cannot be reprogrammed. Agencies have the option of locking specific fixed-data fields after programming, using password-protected programming equipment.

Using an RFID tag-on-a-chip ASIC, the eGo Plus Mini Sticker Tag offers a read range of up to 31.5 feet (9.6 meters) and 2048-bit read/write memory.

Features

- Multiprotocol options - Super eGo®, eGo, and ATA protocols
- High speed, high performance ideal for toll, traffic management, airport ground transportation management, and secure access control
- 2048-bit read/write memory
- High speed write in SeGo mode
- Wiegand programming available
- Thin, flexible sticker format
- Easy-peel release liner for quick installation
- Non-battery
- Windshield mounted
- Custom printing and labeling available
eGo® Plus Mini Sticker Tag

COMMUNICATIONS

**Frequency Range**
902-928 MHz

**Maximum Read Range**
31.5 feet (9.6 m) with licensed readers
Federal Communications Commission Part 90
11.5 feet (3.5 m) with unlicensed readers. FCC Part 15

**Polarization**
Linear, horizontal

**Performance**
The eGo Plus Mini Sticker Tag can be read from and written to at highway speeds in SeGo mode.

**Anti-collision Protocol**
Efficient, binary tree-type anti-collision algorithm

MEMORY

**Data Memory**
SeGo and eGo Modes: 2048 bits
ATA Mode: 120 bits
All programmable using wireless link

**Wiegand Programming**
Selected Wiegand data formats available at no additional charge

PHYSICAL CHARACTERISTICS

**Dimensions**
2.89 x 2.19 x 0.04 in. at ASIC* 
(7.34 x 5.56 x 0.10 cm at ASIC*)
*maximum thickness

**Weight**
0.06 oz (2 g)

**Mounting Surface**
Attached by a semi-permanent adhesive to interior of a nonmetallic windshield

ENVIRONMENTAL

**Operating Temperature**
-40°F to +185°F (-40°C to +85°C)

**Humidity**
100% condensing

**Vibration Tolerance**
1 G<sub>max</sub>, 5 to 2000 Hz, 3 axes

**Shock Tolerance**
50 G, 1/2 sine pulse, 3 ms duration, 3 axes

**Washing/Liquid Spills**
Tag adhesive and ink can withstand about 20 washes of the interior-facing label, exposure to approximately 40 spills of beverages, mild cleaning solutions, vinyl plasticizers when spills are promptly wiped dry with a paper towel

Solar Exposure
Tag and adhesive will not be damaged from long-term exposure to the sun. The tag’s white background may show minor yellowing over time.

Bending/Curved Windshield
Tag operates after temporary flexing of the entire tag body when tag center is deflected 1/8 inch (0.32 cm) vertically or 1/4 inch (0.64 cm) horizontally. Tag materials do not crack or disfigure during such bending.

COMPATIBILITY

**Super eGo Mode:** SeGo
**eGo Mode:** ANSI NCITS 256-2001 Part 4.2 and ISO 18000-6B standards
**ATA Mode:** American Trucking Associations standard

OPTIONS
- Customer-specific tag programming
- Custom color printing - windshield side
- Custom color labeling - driver side

Contact TransCore for details.

Model Part Number
Order 13-4750-XXX, full-frame
Order 13-6750-XXX, half-frame

For more information:

Sales Support
800.923.4824

Technical Support
505.856.8007

transcore.com

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