

eGo® Plus

Micro Mini Sticker Tag

The eGo® Plus Micro Mini Sticker Tag is a beam-powered radio frequency identification (RFID) tag, ideal for applications that require low-cost, easily installed tags.

The eGo Plus Micro Mini Sticker Tag's compact design reduces visual interference, with the same great performance as TransCore's larger eGo Plus Windshield Sticker Tags. The peel-and-stick tag provides ease of installation on an interior windshield.

The eGo Plus Micro 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) applications, including electronic toll collection, airport/ground transportation management, parking access, and security access.

When used with TransCore readers, security features prevent data corruption, data alteration, and tag cloning. The eGo Plus Micro Mini Tag supports factory locked data fields for Tag ID, customer, and user information. This tag also supports open data fields that can be written by the agency.



Features

- ▶ Multiprotocol: Super eGo, eGo, and ATA
- ▶ High speed write in SeGo mode
- ▶ Wiegand programming available
- ▶ Thin, flexible sticker format
- ▶ Easy-peel release liner for quick installation
- ▶ Non-battery
- ▶ Interior windshield mounted
- ▶ Custom printing and labeling available

Applications

- ▶ Electronic toll collection
- ▶ Airport/ground transportation management
- ▶ Parking access
- ▶ Security access

eGo[®] Plus Micro Mini Sticker Tag

COMMUNICATIONS

Frequency Range
902-928MHz

Read Range
Read range is determined by reader and application

Polarization
Linear, horizontal

Performance
Can be read from and written to at highway speeds

Multi-Tag Sort Protocol
Efficient, binary tree-type sort algorithm

MEMORY

Data Memory
SeGo: 2048 bits
ATA Mode: 120 bits
All programmable using wireless link

Wiegand Programming
Selected Wiegand data formats available at no additional charge

POWER

Power Source
Beam-powered (non-battery)

PHYSICAL CHARACTERISTICS

Dimensions
2.90 x 1.10 x 0.04 in at ASIC*
(7.37 x 2.79 x 0.10 cm at ASIC*)
*maximum thickness

Weight
0.05 oz (1.42 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_{rms}, 5 to 2000 Hz, 3 axes

Shock Tolerance

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

Solar Exposure

Tag and adhesive will not be damaged from long-term exposure to the sun

Washing/Liquid Spills

Tag adhesive and ink can withstand normal washing

COMPATIBILITY

Super eGo Mode: SeGo
eGo Mode: ISO 18000-6B standards
ATA Mode: American Trucking Association standard ISO 10374

OPTIONS

- Customer-specific tag programming
 - Custom color printing - windshield side
 - Custom color labeling - driver side
- Contact TransCore for details.

Model Part Number

Order 13-4850-XXX, full-frame
Order 13-6850-XXX, half-frame

For more information:

Sales Support
800.923.4824

Technical Support
505.856.8007

transcore.com

