

eGo® Plus

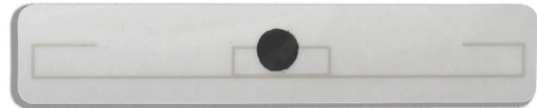
Headlamp Sticker Tag

The eGo® Plus Headlamp Sticker Tag is a beam-powered radio frequency identification (RFID) tag, ideal for application to a vehicle's headlamp.

The transparent, compact, and weather-resistant tag is designed to not interfere with the headlight beam while offering the same great performance as TransCore's eGo Plus Windshield Sticker Tags. The peel-and-stick tag provides ease of installation on headlamp surfaces for vehicles with metalized windshields or other restrictions preventing the use of windshield sticker tags.

The eGo Plus Headlamp Sticker Tag supports Super eGo (SeGo) and American Trucking Associations (ATA) protocols. It is suitable for a variety of automatic vehicle identification (AVI) applications, including parking and security access.

When used with TransCore readers, security features prevent data corruption, data alteration, and tag cloning. The Headlamp Sticker 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 and ATA
- ▶ High speed write in SeGo mode
- ▶ Wiegand programming available
- ▶ Flexible, transparent sticker format
- ▶ Easy-peel release liner for quick installation
- ▶ Non-battery
- ▶ Mounts to surface of headlamp

Applications

- ▶ Parking access
- ▶ Security access

eGo[®] Plus Headlamp Sticker Tag

COMMUNICATIONS

Frequency Range

902-928 MHz

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

4 x 0.90 x 0.04 inches at ASIC*
(10.16 x 2.29 x 0.10 cm at ASIC*)
*maximum thickness

Weight

0.04 oz (1 g)

Mounting Surface

Vehicle headlamps

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

COMPATIBILITY

Super eGo Mode: SeGo

ATA Mode: American Trucking Associations standard ISO 10374

OPTIONS

Customer-specific tag programming
Contact TransCore for details.

Model Part Number

Order 13-4900-101

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