The AT5944 TollTag® is a full-frame, dual-band, battery-powered, radio frequency identification (RFID) tag, ideal for a wide variety of automatic vehicle identification (AVI) applications including electronic toll collection, airport/ground transportation management, parking access, and security access.

Packaged in a durable, impact-resistant case, the AT5944 TollTag is designed for mounting to a vehicle’s interior windshield. It can be easily installed using one of the available mounting options.

A small lithium battery energizes the AT5944 TollTag. The battery is compliant with U.S. DOT 49 CFR § 173.185(c) regulations for unrestricted shipment. Consult local agencies for regulations if the tag is to be shipped outside the United States. With continuous use, the average tag life is 8 years. The number of tag reads and external RF fields do not affect battery life.

The AT5944 TollTag is factory-programmed as specified by the customer, and stores up to 20 six-bit alphanumeric characters of customer data (120 bits ATA tag memory).

When used with TransCore readers, security features prevent data corruption, data alteration, and tag cloning. The AT5944 TollTag 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
- Supports Super eGo® (SeGo), eGo, and ATA protocols
- Dual-band (915 and 2450 MHz)
- 2048-bit read/write memory
- Durable, impact-resistant case
- Non-replaceable internal battery with an 8-year design life (based on typical usage)
- Mounted on vehicle’s interior windshield

Applications
- Electronic toll collection
- Airport/ground transportation management
- Parking access
- Security access
AT5944 TollTag®

COMMUNICATIONS
- Frequency Range:
  - 902 to 928 MHz
  - 2425 to 2475 MHz
- Typical Working Range:
  - 5 to 35 ft. (1.5 to 11 m)
  - Range depends upon system parameters
- Polarization:
  - Linear, horizontal

SOFTWARE FEATURES
- Data Memory:
  - SeGo and eGo Modes: 2,048 bits
  - ATA Mode: 120 bits
  - User memory programmable using RF link

POWER REQUIREMENTS
- Power Source:
  - Non-replaceable lithium battery

LIFE EXPECTANCY
- Service Life:
  - ≥ 8 years

PHYSICAL
- Dimensions:
  - 4.5 x 2.5 x 0.7 in. (11.4 x 6.4 x 1.8 cm)
- Weight:
  - 3.5 oz (99 g)
- Case Material:
  - UV stable polycarbonate alloy
- Mounting Location:
  - Interior: Non-metallic windshield
- Mounting Options:
  - Double-Sided Tape: Factory-applied double-sided tape is available for semi-permanent installation to the interior windshield
  - Hook and Loop: Factory-applied hook and loop is available for removable installation to the interior windshield

ENVIRONMENTAL
- Operating Air Temperature:
  - -40°F to +185°F (-40°C to +85°C)

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
- Tag Case Color:
  - Standard color is light gray

MODEL PART NUMBERS
- 13-5944-NNN

For more information:

Sales Support
800.923.4824

Technical Support
505.856.8007

transcore.com