

AT5402

Access Control Tag

The AT5402 Access Control Tag is a half frame, beam-powered radio frequency (RF) tag used in automatic vehicle identifications with TransCore's Amtech® brand and TransCore® Encompass® multiprotocol reader systems. This tag is designed for interior mounting on a nonmetallized windshield.

The AT5402 Access Control Tag is factory-programmed, as specified by the customer, and stores up to 10 six-bit alphanumeric characters of customer data (60 bits ATA tag memory).

The AT5402 Access Control Tag, in conjunction with TransCore Encompass readers, enables advanced security techniques that ensure a tag's authenticity while preventing data corruption and/or alteration. In addition, tag cloning, spoofing, copying, or duplicating is prevented.

The AT5402 Access Control Tag supports factory programming of fixed data fields that are locked at the factory and cannot be reprogrammed. Agency-programmed fixed data fields optionally can be locked by the agency after programming using password-protected programming equipment.



Features

- ▶ Supports Super eGo® (SeGo), eGo, and ATA protocols
- ▶ Non-battery for extended service life
- ▶ 2048-bit read/write memory
- ▶ Read/write capability in SeGo mode
- ▶ Compatible with multiple Amtech brand readers and TransCore Encompass multiprotocol readers
- ▶ Data encryption and authentication
- ▶ Impact resistant, molded plastic case
- ▶ Slim profile
- ▶ Wiegand programming available
- ▶ Interior mounting on non-metallized windshield

AT5402 Access Control Tag

COMMUNICATIONS

Frequency Range

902 to 928 MHz

Typical Working Range

5 to 30 ft. (1.5 to 9.1 m)

Range depends upon system parameters

Polarization

Linear, horizontal

SOFTWARE FEATURES

Data Memory

SeGo and eGo Modes: 2,048 bits

ATA Mode: 60 bits, or Wiegand 26- to 54-bit format of customer data

User memory programmable using RF link

POWER REQUIREMENTS

Power Source

Beam powered

LIFE EXPECTANCY

Service Life

>10 years

PHYSICAL

Dimensions

3.6 x 2.3 x .27 in. (9.2 x 5.9 x .69 cm)

Weight

1.4 oz (40 g)

Case Material

Dustproof, polycarbonate alloy

Mounting Location

Interior: Non-metallic windshield

Mounting Method

Semi-permanent Mounting: Double-sided tape

Removable Mounting: Adhesive-backed hook-and-loop material attached to the tag and to the vehicle 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

Double-Sided Tape

For semi-permanent interior installation, the user can specify factory-applied double-sided tape.

Hook and Loop

For interior installation, the user can specify factory-applied hook-and-loop material.

Tag Case Color

Standard color is beige. Consult the price list for other color options.



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