AT5402
Access Control Tag

The AT5402 tag is a half frame, 915MHz, beam-powered radio frequency identification (RFID) tag, ideal for vehicle access control applications including airport/ground transportation management, parking access, and security access.

Packaged in a slim, impact-resistant case, the AT5402 is designed for mounting to a vehicle's interior windshield. It can be easily installed using one of the available mounting options.

The AT5402 Access Control Tag is beam-powered, requiring no internal battery. In addition to giving the tag an unlimited service life, this feature limits the tag's range and reduces the possibility of cross-lane reads in adjacent lanes.

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).

When used with TransCore readers, security features prevent data corruption, data alteration, and tag cloning. The AT5402 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

▶ Supports Super eGo® (SeGo), eGo, and ATA protocols

▶ Read/write capability in SeGo mode

▶ Wiegand programming available

▶ Impact resistant, molded plastic case

▶ Slim profile

▶ Beam-powered for extended service life

▶ Mounted on vehicle's interior windshield

Applications

▶ Airport/ground transportation management

▶ Parking access

▶ Security access

TRANSCORE®
Trusted Transportation Solutions

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 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 beige. Custom colors available. Special conditions may apply.

MODEL PART NUMBERS

13-5402-NNN

For more information:

Sales Support
800.923.4824

Technical Support
505.856.8007

transcore.com

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