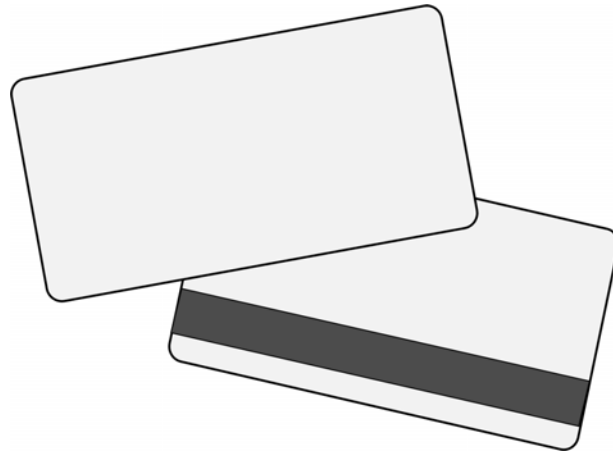


FEATURES

- Credit card format
- Read/write capability
- Convenient to use
- Ideal for security applications
- Non-battery
- Extended read range over proximity cards
- 1024 bit read/write memory

eGo™ ID Card



The eGo™ ID Card is a 915 MHz radio frequency (RF)-programmable, intelligent identification card. In a credit card format that is ISO 7810 compliant in thickness and form factor, this card provides long-range identification, write, and re-write capability. The eGo ID Card is ideal for a wide variety of applications from Homeland Security, corporate and personal security to luggage identification and customer loyalty programs.

Based on the ANS INCITS 256-2001 standard technology, the eGo ID Card offers an extended read range over proximity cards and 1024-bit read/write memory. The tag provides the capability to read, write, rewrite, or permanently lock individual bytes.

Its read/write capability enables the eGo ID Card to record entrances, exits, and movements of the cardholder and dynamically update cardholder profiles and data. Its extended read range allows security personnel to remain at a safe distance of 6 to 10 feet while conducting inspections and allows users the convenience of remaining in their vehicles while being inspected. Multiple eGo ID Cards can be read in sub-second response times.

The eGo ID Card is read by TransCore's eGo family of readers configurable to support the Intellitag® protocol, which is compliant with the ANS INCITS 256-2001 standard.

The eGo ID Card is available in white or printable format using existing credit card printers. Optional features include a magnetic stripe and holes for permanent mounting or use as a hanging ID card.

eGo™ ID Card

COMMUNICATIONS**Frequency Range**

902 to 928 MHz

Read Range

Typical 6 to 10 ft (1.8 to 3 m) with unlicensed readers, Federal Communications Commission (FCC) Part 15

Write Range

Minimum of 5.5 ft (1.67 m)

User-specified groups within a population of tags can be selected, read from, and/or written to using multi-tag access commands.

Anti-collision Protocol

Efficient, binary tree-type anti-collision algorithm

SOFTWARE FEATURES**Memory**

EEPROM

Byte resolution memory addressing

Byte resolution memory lock

1024 bits total memory:

- Unique 64-bit tag ID locked at the factory
- 880 bits user memory formatted and locked as required by application. User memory includes 128 bits that are factory programmable.

Data Rate

Read 8 bytes of data from a tag in less than 12 ms

Write a single byte of data to a tag in less than 25 ms

LIFE EXPECTANCY**Service Life**

Capable of unlimited reads and more than 100,000 write transactions

PHYSICAL**Dimensions**

2.126 x 3.15 x 0.030 in (5.4 x 8 x 0.076 cm)

ENVIRONMENTAL**Operating Temperature**

+32°F to +122°F (0°C to +50°C)

Storage Temperature

-4°F to +158°F (-20°C to +70°C)

Humidity

95% condensing

Vibration Tolerance

1.5 G_{rms}, 5 to 1000 Hz, 3 axes

Shock Tolerance

5 G, 1/2 sine pulse, 10 ms duration, 3 axes

STANDARDS

Fully compliant with ANS INCITS 256-2001 Part 4.2, ANS MH10.8.4, ISO/IEC CD 1800 Part 6, and GTAG standards

OPTIONS

- Magnetic stripe
- Holes for permanent mounting or hanging
- Customer-specific tag programming



For product information call: 1.800.923.4824 or 972.733.6600 (outside the U.S.) Fax 972.733.6486

www.transcore.com

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