



Security Management System

Model S2050 Series

HID iClass Contactless Smart Keyfob

Overview

The S2050 Series HID iClass Contactless Smart Keyfob provides the convenience of contactless smart card technology in a keyfob that can be placed on a key ring to help ensure it does not get forgotten. It supports diverse applications such as access control, biometrics, cashless vending, public transportation, airline ticketing and many more. The iClass product line was specifically designed to make access control more powerful and more secure. All radio frequency data transmission between the tag and the reader is encrypted using a secure algorithm. Multiple securely separated application areas are each protected by 64 bit diversified read/write keys, which allow complex applications and provide for future expansion.

FEATURES & BENEFITS

- 13.56 MHz read/write Smart Card Technology
- Universal compatibility with all iClass readers
- Made with a Polycarbonate shell and ultrasonically welded
- Reduces the risk of compromised data or duplicated keyfobs
- Provides a consistent read range
- The iClass Contactless Smart Keyfobs are Passive, no batteries, they provide a long life with minimum of 100,000 reads
- Data retention of 10 years



SPECIFICATIONS

- Dimensions: 1.350" x 1.250" x 1.51"
- Operating temperature: -40F to 158F
- Weight: .17 oz.
- Read ranges: R10 reader - up to 1"
R30/RW300 readers - up to 1"
R40/RW400 reader - up to 1"
RK40/RWK400 reader - up to 1.5"

ORDERING INFORMATION

S2050 - 2K bit (256 Bytes) card with 2 application areas

S2051 - 16K bit (2K Bytes) cards with 2 application areas

S2052 - 16K bit (2K Bytes) cards with 16 application areas

S57-0001-02 - Key rings for Keyfobs



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