



# Security Management System

## *Model S2000 Series*

### *HID iClass Contactless Smart Card*

#### Overview

The S2000 Series HID iClass Contactless Smart Cards can be used for 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 card 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 Contactless Smart Card Technology
- Universal compatibility with all iClass readers
- Meets strict ISO thickness standards
- Made from thin, flexible polyvinyl chloride (PVC) laminate
- Can add a Magnetic Stripe, Barcode, Anti-counterfeiting, or Photo ID
- Can be used with direct image and thermal transfer printers
- Reduces the risk of compromised data or duplicated cards
- Provides a consistent read range
- The iClass Contactless Smart Cards are Passive (no batteries) and provide a long life with minimum of 100,000 reads
- Data retention of 10 years



#### SPECIFICATIONS:

- Dimensions: 2.127" x 3.375" x 0.033"
- Operating temperature: -40F to 158F
- Weight: .20 oz.
- Read ranges: R10 reader - up to 3"  
R30/RW300 readers - up to 3.5"  
R40/RW400 reader - up to 4.5"  
RK40/RWK400 reader - up to 4"

#### ORDERING INFORMATION

S2000 - 2K bit (256 Bytes) card

S2001 - 16K bit (2K Bytes) cards with  
2 application areas

S2002 - 16K bit (2K Bytes) cards with 16 application  
areas



**Schlage**

Electronic Security  
575 Birch Street  
Forestville, CT 06010 USA  
Tel 860-584-9158/866-322-1237  
Fax 860-584-2136/866-322-1233  
Tel 800-950-4573 (Toll Free Canada)  
[www.schlage.com](http://www.schlage.com)