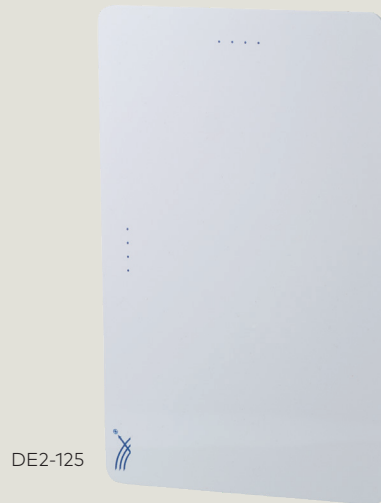


# DE2-125

RCI DE2-125 13.56MHz DESFire EV2  
& 125kHz dual frequency credentials

dormakaba 



## DE2-125 COMPOSITE 13.56-MHz MIFARE® DESFire® EV2

### 2K contactless Smartcard + 125-kHz PROXIMITY

RCI comprises a line of contactless smartcard readers and credentials. Based upon proven MIFARE® contactless digital radio frequency identification (RFID) technology, RCI readers interface with a wide range of electronic access control systems by complying with the Wiegand communication protocol. They offer value-add features such as MAXSecure™ and ValidID™, and now optional MIFARE® DESFire® EV2 application support. Additionally, RCI credentials are passive devices, eliminate maintenance by requiring no battery, and can be ordered programmed to various formats and encryption keys.



**MIFARE® DESFire® EV2 Support**  
High-Security Encryption  
Technology



**MAXSecure™**  
Unique Security  
Feature



**ValidID™**  
Fraudulent Data  
Detection Solution



**Warranty**  
One-Year Warranty



**Wiegand**  
Output Interface



**Slot-Punch**  
Vertical & Horizontal  
Indicators



**Contactless**  
Up to 2.5 in  
(64 mm)



**Frequency:** 13.56 MHz and  
125 kHz  
**Read Range:** Up to 2.5  
inches (64 mm)

## Specifications

## DE2-125 Dual frequency credential

Technology	Contactless Smartcard + Proximity
Frequency	Excitation (13.56 MHz + 125 kHz)
Operation	Passive (no battery)
Type	Dye sublimation
Formats	Wiegand (26-bit and custom formats) and ABA Track II magnetic stripe (clock and data)
Material	Composite
Color	Glossy white
Slot Punch	Vertical and horizontal indicators
Marking	Internal and external number
Imaging	Supports dye sublimation imaging
Read Range	Up to 2.5 inches (64 mm)
Outputs	Contactless Smartcard: CSN and Sector Proximity: Encoded access control data
Options	Custom printing of company logos, URL, telephone number, and more
Warranty	12 months
Dimensions	2.1" W x 3.4" H x 0.031" D (53 mm x 86 mm x 0.79 mm)
Weight	0.23 oz (6.4 g)
Operating Temperature	-13° F to 122° F (-25° C to +50° C)
Humidity	0-95% non-condensing
Memory	2-Kbyte EEPROM with fast programming
ISO Standards	Technology: ISO 14443 Size: ISO 7810

### NOTES:

Matching internal and external sequential coding standard. Please verify that the printer (or overlay) supports credential type/thickness. Tested with 12 VDC @ Delta5 reader from Farpointe Data. Read range varies by credential type and installation criteria. CSN = Card Serial Number. Sector = access control data, such as format, facility code, and ID.

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dormakaba USA Inc.  
6161 E. 75th St.  
Indianapolis, IN 46250  
800.523.8483  
www.dormakaba.us

dormakaba Canada Inc.  
7301 Decarie Blvd.,  
Montreal QC H4P 2G7  
888 539-7226

KAA1572 08-22