DE2-125

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

dormakaba

DE2-125

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

Specifications	
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 × 3.4" H × 0.031" D (53 mm × 86 mm × 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.