RCI ®
RUTHERFORD CONTROLS

9 Series Easy Read-Magstripe™ Card Reader

In or Out...we make it Easy!®

9310
Easy Read-Magstripe™
Card Reader

1-3/8"W x 3-1/2"H x 1-3/8"D
(34.2mm x 88.9mm x 34.2mm)

Features & Benefits

- Stainless steel read head

- EEPROM memory ensures programming remains intact when unit is not powered

- Includes100 enrollment (shadow) cards used to enroll and delete users. (Extra cards available in packs of 250.)

- Reader accepts only cards from the deck of the master card which has been programmed. Up to 4 master cards can be programmed to accept a maximum of 1,000 cards.

- Accepts high and low coercivity magnetic stripe cards

- Satin chrome finish

- Accepts any ANSI standard Track II magstripe™ card (blank card, drivers license, credit card)

- RCI magstripe™ user card sold separately

- Suitable for interior and exerior use, IPX7 rated

Easy Read

The Easy Read-Magstripe™ card reader is a stand-alone access control system which accepts any ANSI standard Track II magstripe card, such as bank cards or an existing system's cards. *(Note: Sensitive banking or credit information is not encoded on Track 2.)*

Though an Easy Read-Magstripe™ card reader can control access of up to 1,000 users, it's amazingly simple to program.

This rugged, weather-resistant reader is designed for harsh weather conditions. The durable read head is stainless steel and rated at over 1,000,000 swipes, making it suitable for most applications. Electronics are enclosed in hardened waterproof resin.

Options & Accessories

931-250SC ....Shadow card pack available in packs of 250 (includes programming cards)
9310MRD .... 9310 demo unit
9310RCIUC .... RCI magnetic stripe user cards, 100-pack
9310RB .... 12/24VDC 10 amp relay board
C9310HC .... Card reader head cleaning kit

Note: Custom magnetic stripe user cards are available.

Highlights

- Use Your Own I.D. as Pass Card
- Optional Pass Cards Available
- Accepts up to 1,000 Users
- Change from Fail Locked to Fail Unlocked with One Swipe of the Lock Mode Card
- Easy to Program
- 2-Year Limited Warranty

Applications

- Interior or Exterior Doors
- Perimeter Doors
- Parking Gates
- Health Care
- Restricted Areas
- Industrial
- Commercial
- Residential

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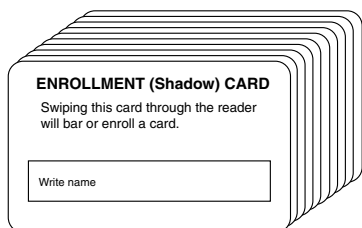
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Easy Read-Magstripe™ Card Reader Operation

Initializing the Unit

The reader operates with a starter card pack which contains a master card and 100 enrollment (shadow) cards. When the reader is powered up for the first time it will need to be initialized by swiping the master card through it. The reader will then accept the remaining cards.

Setting "Door Open" Time

- Swipe the master card through the reader.
- Wait for the amount of time you wish the door to remain unlocked after swiping.
- Swipe the master card again.
- The door open time is now set as the interval between the first and second swipes of the master card.

MASTER CARD
1. Enrollment of shadow card pack: Initial swipe of this card enables shadow packs for use.
2. Door unlock time: Swipe this card, the reader will "beep" once per second. Wait for the desired "door unlock" time, then swipe again. (3-5 seconds is usually sufficient.)

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LOCK MODE
Swipe this card to convert lock mode from Fail Locked/Fail Secure (power supplied), to Fail Unlocked/Fail Safe (power interrupted).

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ENROLLMENT (Shadow) CARD
Swiping this card through the reader will bar or enroll a card.

Write name

Use with Electric Strikes or Electromagnetic Locks*

- Swipe the lock mode card to convert to fail unlocked (fail safe) operation for electromagnetic locks.
- Swipe the lock mode card at any time to change back to fail locked (fail secure) operation for electric strikes.

*NOTE: Installation must comply with local codes.

EASY READ DEMO UNIT

This is a perfect tool to help demonstrate the practicality and functionality of the Easy Read Card Reader.

9310 Easy Read-Magstripe

Features
- Accepts up to 1,000 users
- Stand-alone, cost effective solution
- Efficient, flexible and secure
- Programs in seconds
- Installs easily and quickly
- Remove a user without the card
- Use your own I.D. or Pass Cards
- Optional Pass Cards available
- 12VDC

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Enrolling a User

- Write the user's name on the shadow card.
- Swipe the paper shadow card through the reader followed by the magstripe card you wish to enroll.
- File the shadow card in a safe place, the user is now programmed to use the personal magstripe card as a pass.

Deleting a User

- Swipe the shadow card bearing the name of the unwanted user.
- The shadow card can then be used again to enroll another user on the reader, if desired.

Specifications	
Housing Dimensions	Chrome 1-3/8"W x 3-1/2"H x 1-3/8"D
Request-to-Exit Input Capability	Yes
Swipes	In excess of 1,000,000
Power/Current Capability	Max 500mA @ 12VDC (Continuous)
Construction	Stainless steel read head Mazak "Satin Chrome" metal
Voltage Input	12VAC or 12VDC*
Voltage Output	12VDC
Cable	10 ft (supplied) black, white and gray twin flex
Operating Temperature	-5 to 160ºF -20 to 70ºC
"Door Open" Time Frame	0.5 to 5,000 seconds
Track Read	ANSI Track II standard (special order others)

NOTE: Specifications are subject to change without notice.

*Reader includes lock mode card, master card, 100 shadow cards, plug-in transformer. If used with an electromagnetic lock, RCI recommends our 10-Series 12VDC power supplies. All installations must conform to local fire codes, national building codes and life safety codes.

RCI also offers a complete line of Electromagnetic Locks, Electric Strikes, Power Supplies, Switches, Keypads & Readers, Exit Devices, Systems & Door Hardware.