

SNR-CD212-M8 Motorized Card Dispenser & Reader Writer

Industrial card issuing, reading, writing and recycling module for hotel kiosks, access control, ticketing and unattended self-service terminals.



Overview

The SNR-CD212-M8 is a compact motorized card dispenser and reader/writer designed for self-service kiosks, hotel check-in terminals, visitor management systems, access control equipment and ticket vending machines. It integrates card dispensing, card reading/writing, card recycling and status monitoring in one industrial module.

Key Features

- Supports card issuing, reading, writing and card collection in one module.
- Compatible with contact IC cards, contactless RFID cards, magnetic cards and standard ISO cards.
- Fully enclosed removable card box with standard capacity up to 110 cards.
- Non-metal card transport channel helps improve contactless RFID reading performance.
- Supports multiple programmable card stop positions for flexible integration.
- Removable recycle box supports automatic collection of returned or inserted cards.
- Low-card warning, empty-card alarm, recycle-box full alarm and dispensing fault alarm.
- RS232 communication interface for kiosk and embedded terminal control.

Quick Specifications		Typical Applications
Model	SNR-CD212-M8	- Hotel self check-in kiosk - Ticket vending machine - Visitor management terminal - Parking system - Banking self-service terminal - Access control equipment - Card issuing kiosk
Product Type	Motorized Card Dispenser & Reader Writer	
Interface	RS232	
Power Supply	24V DC +/-5%; recommended 24V / 4A	
Card Size	85 +/-0.5mm x 54 +/-0.5mm	
Card Thickness	0.7 - 0.9mm	
Card Capacity	110 standard cards; optional expanded hopper available	
Recycle Box	8 - 10 cards	
Supported Cards	Contact IC / RFID / Magnetic / ISO cards	
Weight	About 3.0kg	

Technical Specifications

Model	SNR-CD212-M8
Product Type	Motorized Card Dispenser & Reader Writer
Main Functions	Card issuing, card reading/writing, card recycling and status monitoring
Communication Interface	RS232
Operating Voltage	24V DC +/-5%
Recommended Power Supply	24V / 4A
Dynamic Peak Current	< 4A
Static Current	100mA
Operating Temperature	0 deg C to 45 deg C
Operating Humidity	30% to 90% RH, non-condensing
Installation Environment	Installed inside kiosk cabinet; controlled by protocol command
Card Stop Positions	Multiple programmable positions
Card Dimensions	Length 85 +/-0.5mm; width 54 +/-0.5mm; thickness 0.7 - 0.9mm
Card Material	PVC, polyester and paper cards
Contact IC Cards	ISO7816 compatible; T=0, T=1, SLE4442, SLE4428, AT88S series, AT24xx, CPU smart cards and logical encryption cards
Contactless RFID Cards	Mifare S50, Mifare S70, non-contact CPU cards and 13.56MHz cards
Magnetic Cards	Compliant with ISO7810, ISO7811-1 to ISO7811-6, ISO7812, ISO7813 and ISO15457
Standard Card Box	110 cards at 0.76mm thickness
Embossed Card Capacity	75 embossed cards
Optional Expanded Card Box	150 standard cards or 110 embossed cards
Recycle Box Capacity	8 - 10 cards
Low Card Reminder	20 cards remaining
Alarm Functions	Low-card detection, empty-card alarm, recycle-box full alarm and dispensing fault alarm
Protection Function	Anti-theft swipe card protection
Warranty	1 year
Weight	About 3.0kg

Integration Notes	Why Choose SNR-CD212-M8?
- Use 24V DC power and connect communication wiring before power wiring during installation. - The module is designed for installation inside a kiosk cabinet and should be controlled by host protocol commands. - Select contact IC, RFID or magnetic card reader/writer configuration according to project requirements. - For hotel or visitor card recycling scenarios, use the built-in recycle box and monitor full-card status. - Confirm card material, card thickness and embossed-card requirements before mass deployment.	SNR-CD212-M8 is suitable for self-service projects that need one integrated module for card issuing, reading/writing and recycling. Compared with a simple card dispenser, it supports multiple card technologies, card collection, removable card box maintenance and intelligent status alarms, helping system integrators build more reliable hotel, parking, ticketing, banking and visitor management terminals. Note: Card capacity and performance may vary according to card thickness, card embossing and selected reader/writer configuration. Please confirm card samples and host protocol requirements before production deployment.