
	SPECIFICATION	Model No	RCR-2450
	Insertion IC&RF smart card reader	Date	2020/7/1
		Ver	1.0
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Insertion IC&RF smart card reader

RCR-2450



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	Manual insert hybrid RF/IC Card Reader	Date	2020/7/1
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1.Features :

- 1) IC/RFID card read/write, all kinds of card need to be compliant with related standard, please refer to technical specification.
- 2) RS232 and USB interface for options.
- 3) Compact and reasonable appearance design, easy disassembly and installation,
- 4) Long life time : more than 500,000 parts for all types of components
- 5) Support PSAM card extension, it is compliant with all kinds of applications like financial industry, electric power industry, communication industry, transportation industry and some other related industries.

2. Technical Specification

Items	Technical Parameter
Current consumption	Static current: < 50 mA Peak current: < 200 mA
Interface	RS-232 standard serial port/USB 2.0 interface
Card Specification	Width:53.92~54.18 mm, Length: 85.47~85.90 mm Thickness: 0.76~1mm (Ex-work standard 0.76mm)
Life time	Micro Switch:500,000times IC card down force device and IC contact :300,000times
Error rate	IC card: read/write card 1000 times, error rate < 1times(except dirty card causes error)
MTBF	>100,000hours (only electronic components) Note: 250times/each day,25days/each month,300hours/each month.
Environmental condition	Operation:-20°C~50°C,0~90 % RH (Non-condensing). Storage: -25°C~80°C, 0~95 % RH (Non-condensing).
Buzzel	Supported
LED	Green & Red
IC card standard	Comply with ISO7816 standard,Eg:(AT24C01 24C02\..... 24C256;SLE4442、SLE4428; CPU T=0/T=1).
RF card standard	Comply with ISO1443-3/-4 standard with frequency of 13.56MHz contactless IC card (TYPE A, TYPE B, CPU card);Mifare 1K series S50/S70/UL card read/write. ISO15693 for option