

RFID Recycle Card Dispenser/Collector

Model No. : F3-9200



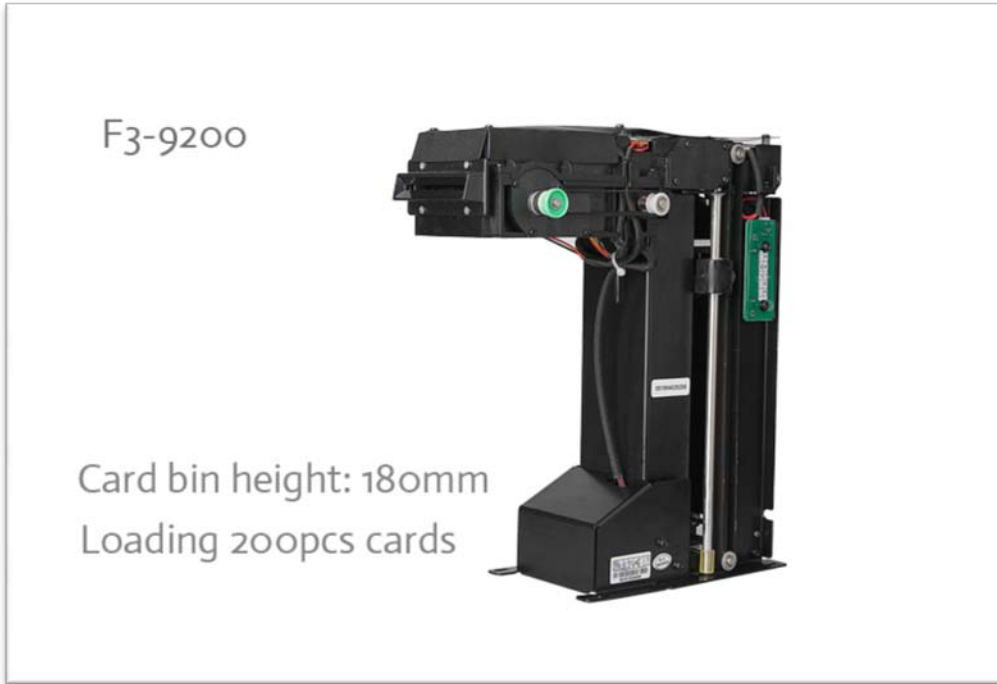
v1.1 2018-12

Contents

1. Product Show	3
2. Product Part No.....	4
3. Introduce.....	4
4. Features.....	4
5. Parameters.....	5
6. Interface.....	6
7. Power supplier.....	6
8. Operate guide	7
9. Dimension	8

Product Show :

Front :



Rear :



Product Part Number

F3-9200: Support loading 200pcs 0.8mm thickness standard card (size: 85*54mm).

Introduce:

Main application scenarios of the product:

It is applied to self-service card opening and sales cards in finance, communication, hotel and medical industries.

The main technology adopted:

The design of the circulating card box, the belt drive is used to realize the multi-purpose of one machine; the card box and the recycling box are integrated to design, which is convenient for card management to save space.

The main functions of the implementation:

Card is issued by hook card, accurate card issuance for RF card; support for RF card reading and writing.

Features:

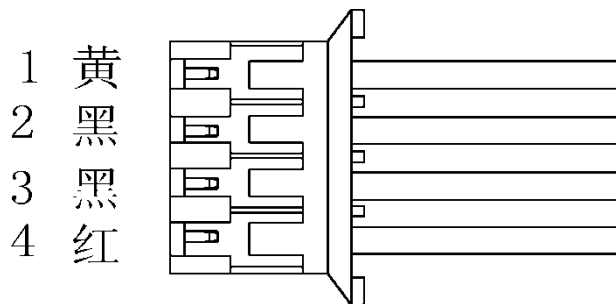
1. Unique hair card design, accurate card sending and receiving.
2. The function of issuing cards, reading and writing RF cards, and recycling cards in the shortest size can save space in the cabinet.
3. The design of the back-end cyclic card is convenient for card management.
4. Scientific belt drive design is more stable and reliable, and the cover can automatically avoid the accumulation of dust and cause jam.
5. The product has a small shape and should be installed. It can be used in many occasions.
6. With the return card box full, the card box pre-empty, the card box empty, the card position and other sets of sensor detection, can accurately determine the card position and card status prompt function.
7. Adopt PA66 engineering material mold forming channel to prevent RFID reading and writing interference, and ensure the smoothness of the channel.
8. Multi-level sensor circuit protection to prevent light from interfering with the sensor

Parameters:

Support card type	<p>Physical characteristics:</p> <p>Complies with ISO7810 and 7811, ISO7811-2, ISO7811-4, ISO7811-5 and ISO7811-6 standards</p> <p>Card size: ISO7810ID-1-type magnetic card size standard</p>
Card specification	<p>L : 85.47-85.90mm</p> <p>W : 53.92-54.18mm</p> <p>T : 0.76mm±0.1mm</p>
Working power	DC24V±5% 2A
Static current	200mA
Stacker	1
Card Stacker Volume	200PCS @ 0.8mm thickness card
Life time	≥ 500,000 times
Working environment	Temperature / Humidity 0 ° C -50 ° C / 0-90% (no condensation)
Storage environment	Temperature / Humidity -10 ° C - 60 ° C / 0-90% (no condensation)
Installation size	See attached product outline drawing

Interface

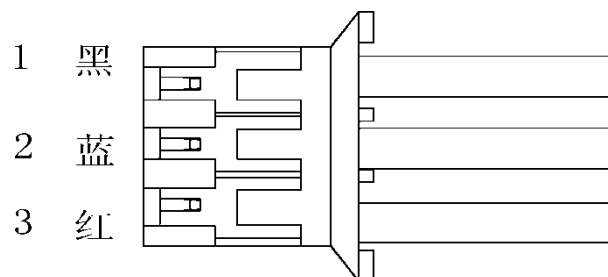
I. Power Connector



1. Yellow; 2. Black, 3. Black, 4. Red

No.	Sign	Function
1	BPS	Backup UPS power input (Yellow)
2	GND	GND (Black)
3	GND	GND (Black)
4	+24V	DC+24V Power input (Red)

2. Data Communication connector:



No.	Sign	Function
1	SGND	Data GND (Black)
2	TXD	Data Sent (Blue)
3	RXD	Data receive (Red)

Operation Guide :

1) Connect the power supply and RS-232 serial cable as required. (24V/3A and above power supply, pay attention to the positive and negative power supply, do not reverse).

2) Open the test software, select the corresponding serial port number, set the corresponding baud rate, support the baud rate of 1200-115200BPS, and the standard factory setting is 9600BPS. Using the demo program, you can directly click on the "Open Serial Port" program to automatically search for the serial port number and the corresponding baud rate.

