

# Automatic Card Dispenser Parking Lot System Dispenser

Model No.: F3



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## **FEATURES:**

- Dispense Mifare Card 13.56MHz card read and write ISO14443A
- Optional with IC card read and write function ISO7816
- Unique transfer wheel design for Accurate issuing any card even for concavo-convex character number card
- Simple, convenient, stable and accurate adjusting kinds of different thickness for issuing different cards
- Compact size design to save the installation space
- Reclaim card tank design in rear of machine for easy management
- Couple of sensor can detect reclaim card tank is full, card tank empty alarm, card position detect etc, can easy distinguish card position and status.
- High strength and durable engineer plastic card channel make sure RF card read/write steady
- Industry conceiving, surface dealing with roast paint, well bearable cubing and rotting. Be suitable to all kinds of bad environment, such as high, low, and mush dust, etc.
- Multi- sensor protect function prevent outer light interference to sensor

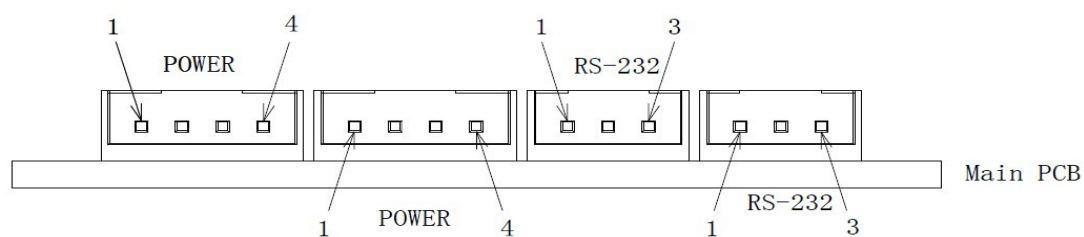
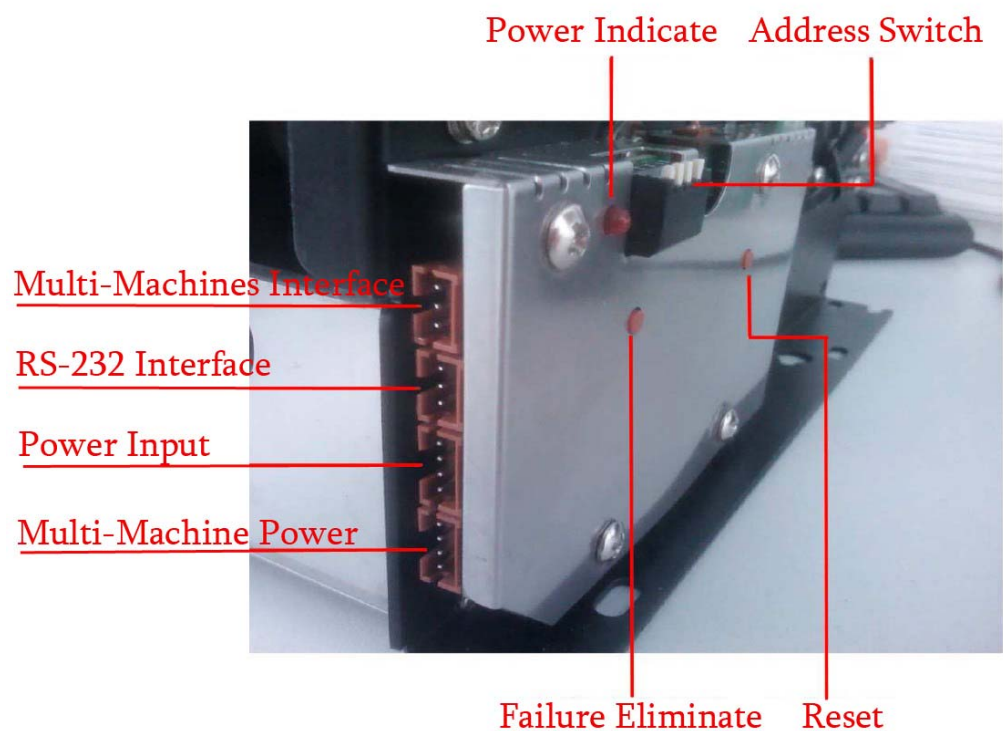
## **APPLICATIONS:**

- (1) Parking lot card issuing system
- (2) Self-Service Machines
- (3) Automatic ticketing machines

## **Technology Parameters**

|                               |   |
|-------------------------------|---|
| Support card type             | ISO14443A RFID card / ISO7816 contact IC Card   |
| Power Supply                  | 24VDC( Max. current 2.5A, MIN current 0.1A)   |
| Interface                     | TTL/RS232   |
| Card Tank Volume              | 175pcs @ 0.8mm; 130pcs for concavo-convex character number card<br>350pcs @ 0.4mm thickness cards |
| Using condition               | use in the installing case  |
| Card size                     | 54 +/- 1.5mm cards relief<br>85 +/- 1.5mm long card<br>0.2-1.2mm thick card(adjustable)           |
| Cards or paper cards material | polyester cards   |
| Error Card Reclaim            | 25pcs at 8mm thickness cards  |
| Weight                        | 1600g   |
| Dimension                     | 225*100*220mm   |
| Operating temperature         | -20 to 60 C-degrees   |
| Operating humidity            | 30-90% RH   |

## CONNECTIONS:



### Power Connection:

| No. | Detail  | Applications              |
|-----|---------|---------------------------|
| 1   | + 24VDC | +24VDC Power Input        |
| 2   | GND     | Ground                    |
| 3   | GND     | Ground                    |
| 4   | BPS     | +24VDC BackUp Power Input |

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### RS-232 Connection:

| <u>No.</u> | <u>Detail</u> | <u>Applications</u> |
|------------|---------------|---------------------|
| 1          | RXD           | PC Receive Signal   |
| 2          | TXD           | PC Sent Signal      |
| 3          | SGN           | Ground              |

### OPERATING STEPS:

- 1). Connect RS-232 serial port and power supplier according to above sheet;
- 2). Start demo program select serial port, setting baud rate value (1200-115200BPS), default setting at 9600BPS. Demo program have "open port" command, it will help to show the port number and baud rate.
- 3). Card thickness adjust: First pull out the adjust button 1.5mm, then screw clockwise or counterclockwise to the value you want, when hear "Ka", it's at a certain stalls.
- 4). Start to test and use machine.

DIMENSIONS:

