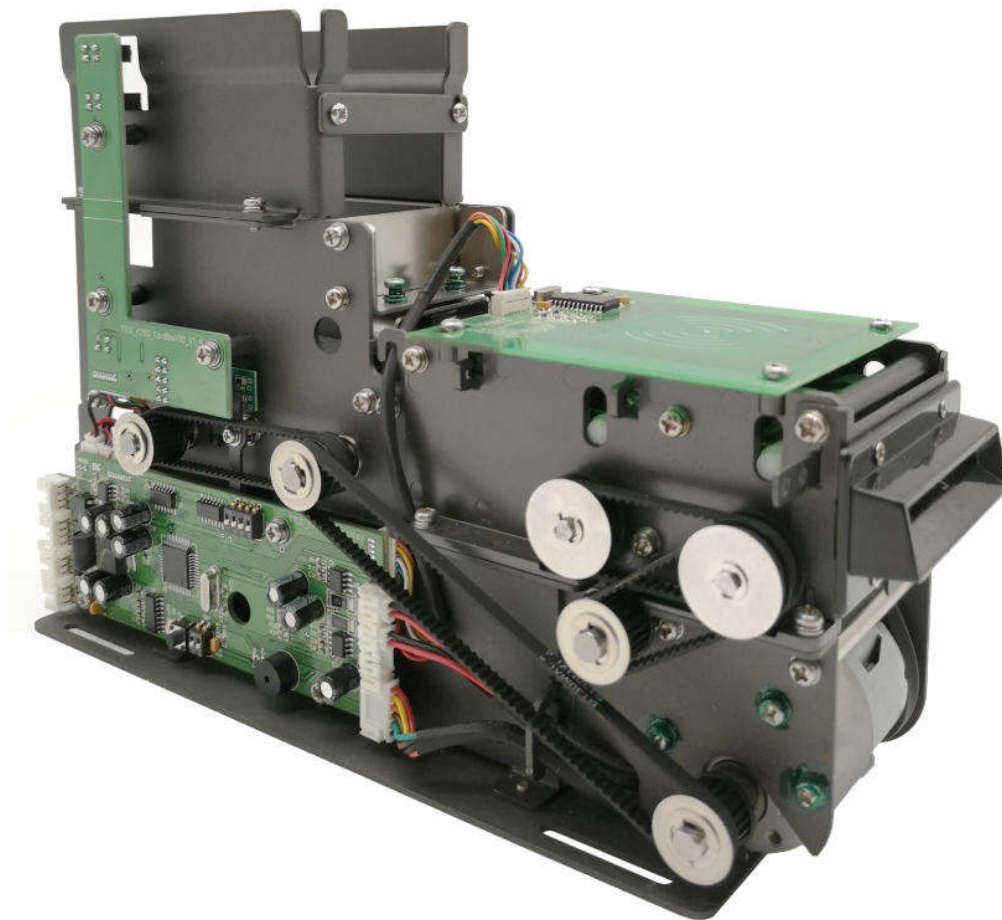
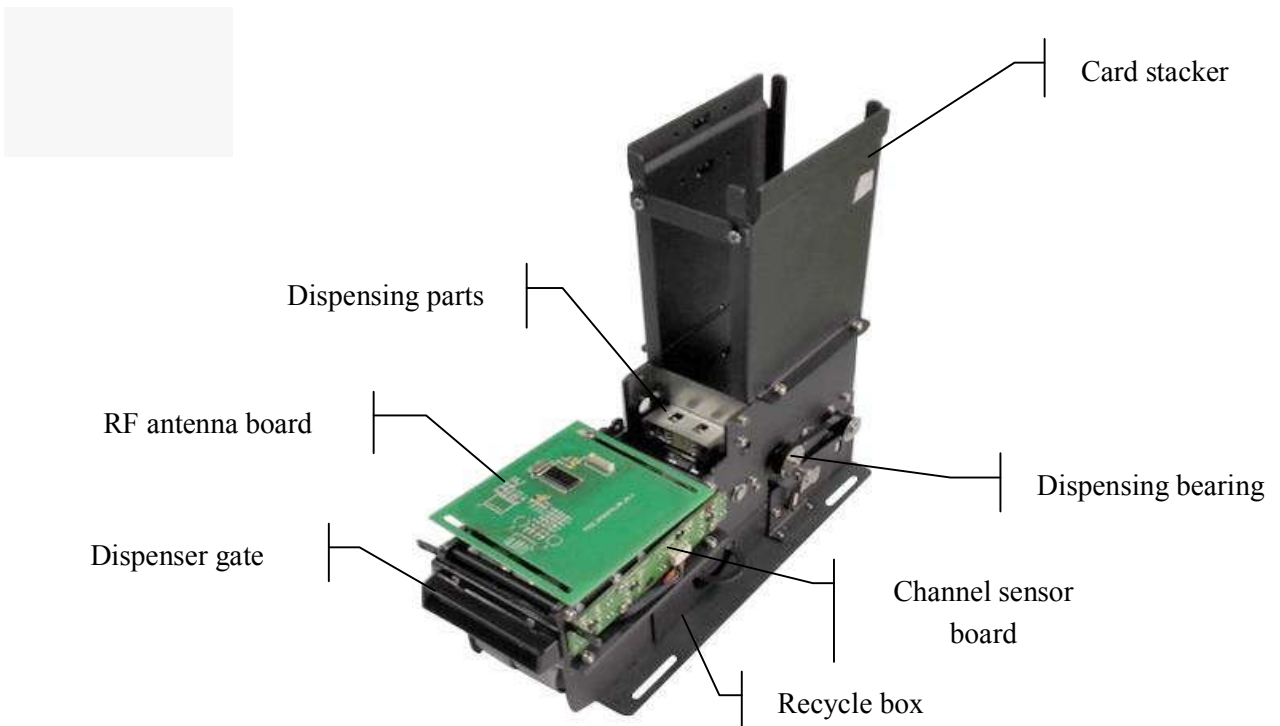
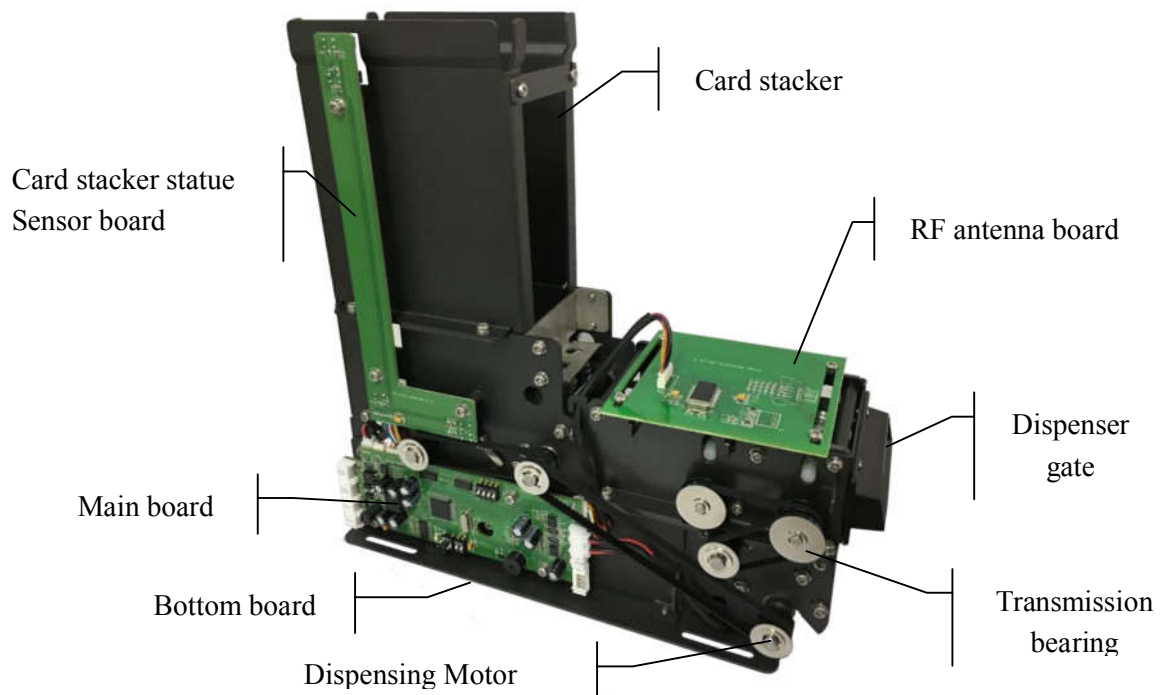

USERS MANUAL



K750

Components Instructions:



Brief Introduction:

This product adopts industrial design, good resistance to abrasion and corrosion, fit for high or low temperature and dusty environments. It has multiple card stay position, and channel is plastic material. Reserves card reading module install position. Simulation manpower friction card issuing makes most deformed card recognized. Active stacker installation space can let you manage cards more effective. Six shifts card space adjustment is our patented technology used for issuing cards with different thickness, and CNC precision ensures absolute unanimity of card space. Support Mifare 1 standard card read, write, issue.

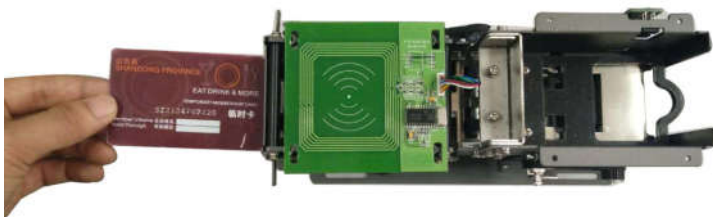
Functions:

- **Usage:** Support Mifare 1 ISO15693, ISO1443A standard card read, write, and issuing.
- **Preventing dispensing double card simultaneously:** Up gear and down gear swirl in different direction, and friction dispensing card can avoid dispensing double card at the same time, even suitable to some distorted cards.
- **Stable card dispensing rate:** Special friction dispensing structure and wear-resisting plastic wheel ensure card dispensing successful any time.
- **Non-metal channel:** Non-metal dispensing channel ensure card reading performance of contactless card not be affected.
- **Collect card:** Collect card to card issuing box from front gate of dispenser
- **Removable recycle box:** removable recycle box, can stored 18 cards max. (0.76mm thickness)
- **Card empty and pre-empty detect function and sound alarm**
- **Card stand position:** Many card stand positions to satisfy customer requirements.
- **Communication interface:** RS232 serial interface, suitable for multiple machines.
- **Multiple machines communication:** 1 RS232 serial interface communicates to control 16 equipments can help save money.
- **Card available:** Can issue all cards in the stacker in normal condition with the card holder

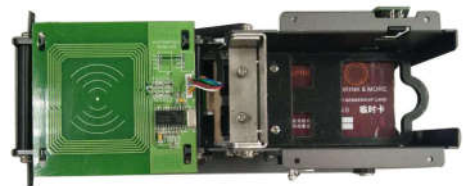
SPECIAL FUNCTION DESCRIPTION.

Collect card: Collect card to card issuing box from front gate.

Advantage: Not required big volume for card stacker, and cards can be circulated.



Insert card from the front bezel



Automatically indrawed the card to card stacker

Technical Parameter and Specifications :

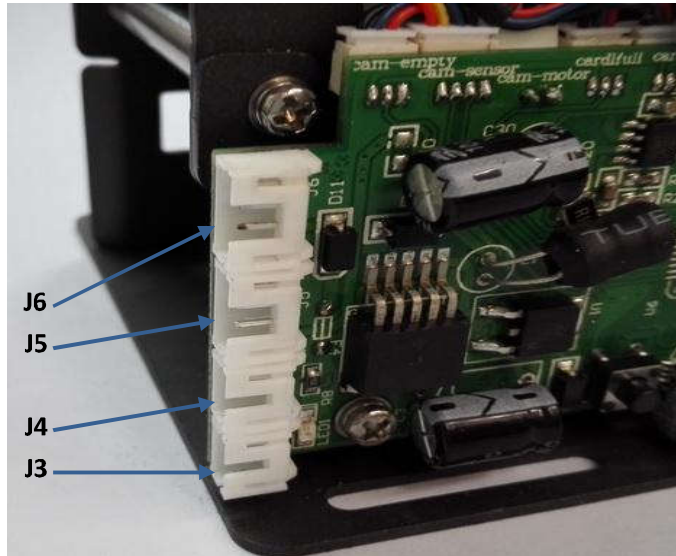
Subject	Content
Operation power	24VDC (Max current 2A, static current 0.1A)
Operation temperature	0 °C to 50 °C
Operation humidity	30-90% (RH)
Interface	RS232
Card stay position	Multiple card stay position control
Operation condition	Install in the cabinet
RF card type	ISO14443 Type A
Card size	Width: 54 ± 0.5 mm Length : 85 ± 0.5 mm Thickness : 0.7 – 1.0mm
Card material	Paper card or polyester card
N.W	2.0Kg (Include card holder)
Stacker capacity	200pcs standard cards based on the thickness of 0.76 mm
Few card Alert	10 pcs (0.76mm thick , Preset qty is 15pcs)
Install dimension	Refer to product structure drawing

Applications:

1. Hotel room card solution
2. Parking lot management system
3. Automatic vending system
4. Subway or public transportation card issue
5. Park ticket vending system
6. Card initialization issue



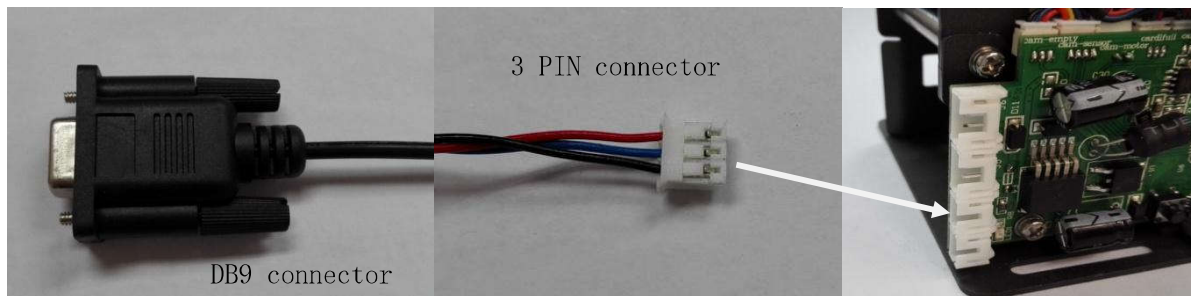
Interface instructions and statement:



J3, J4= Communication interface; J5, J6= Power connect interface

1, RS232 serial port connecting instruction for K750.

- A. Find the accessory of DB9 data cable and connect the DB9 connector to the PC。
- B. Connect the other side of the accessory data cable to the communication interface on the back PCB board of K750 with 3PIN connector (Red wire is TXD, Blue wire is RXD, Black wire is GND)



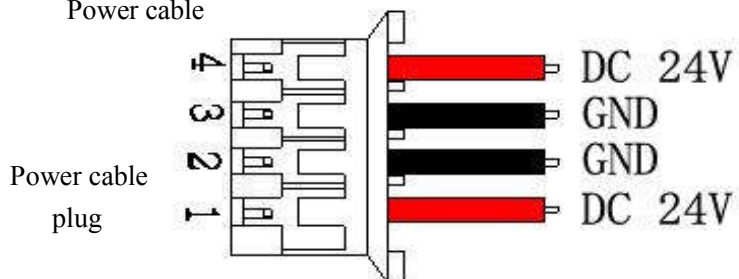
DB9 Connector to the PC

3PIN connector to K750

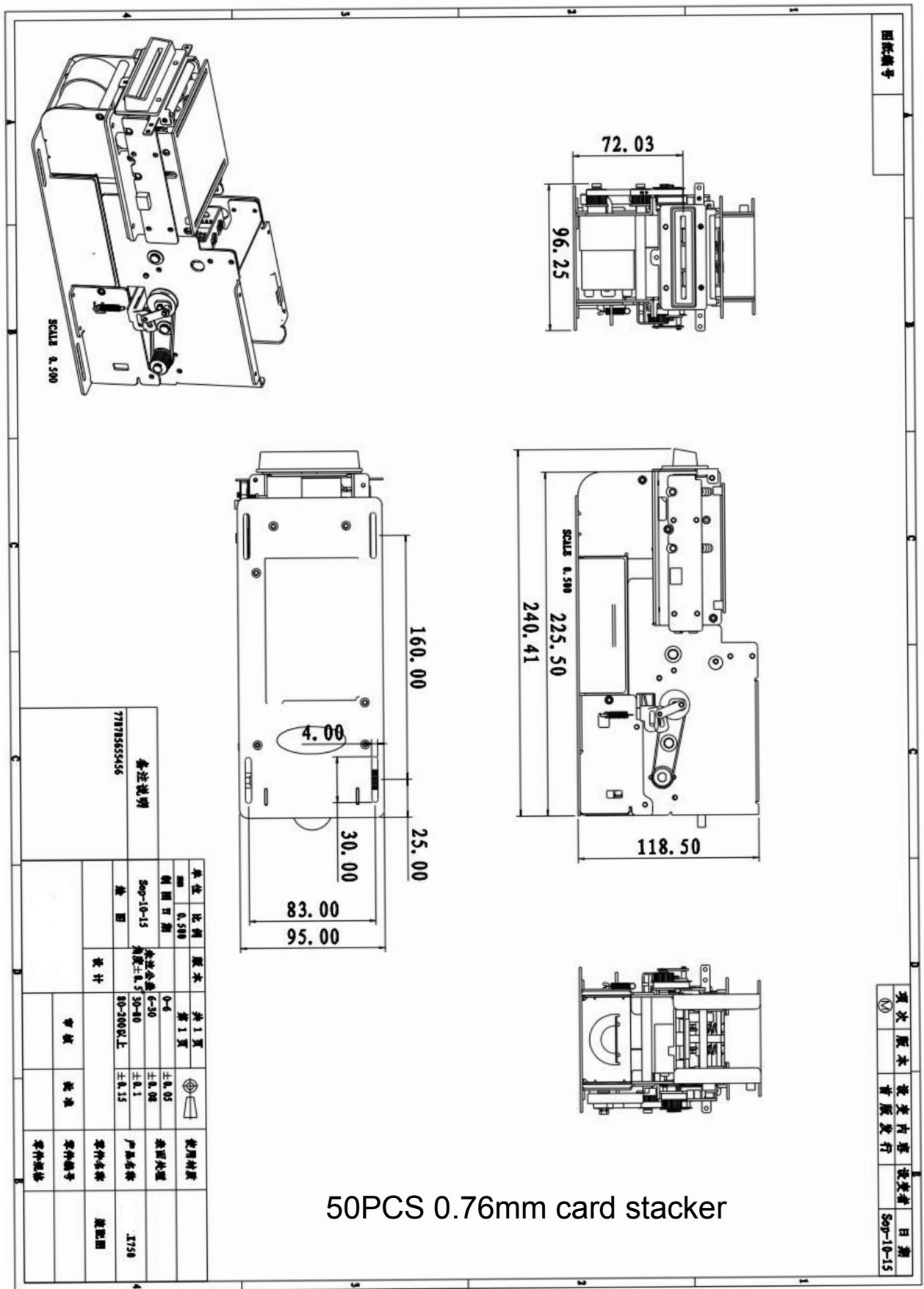
Serial communication cable

K750 Right back of the PCB board

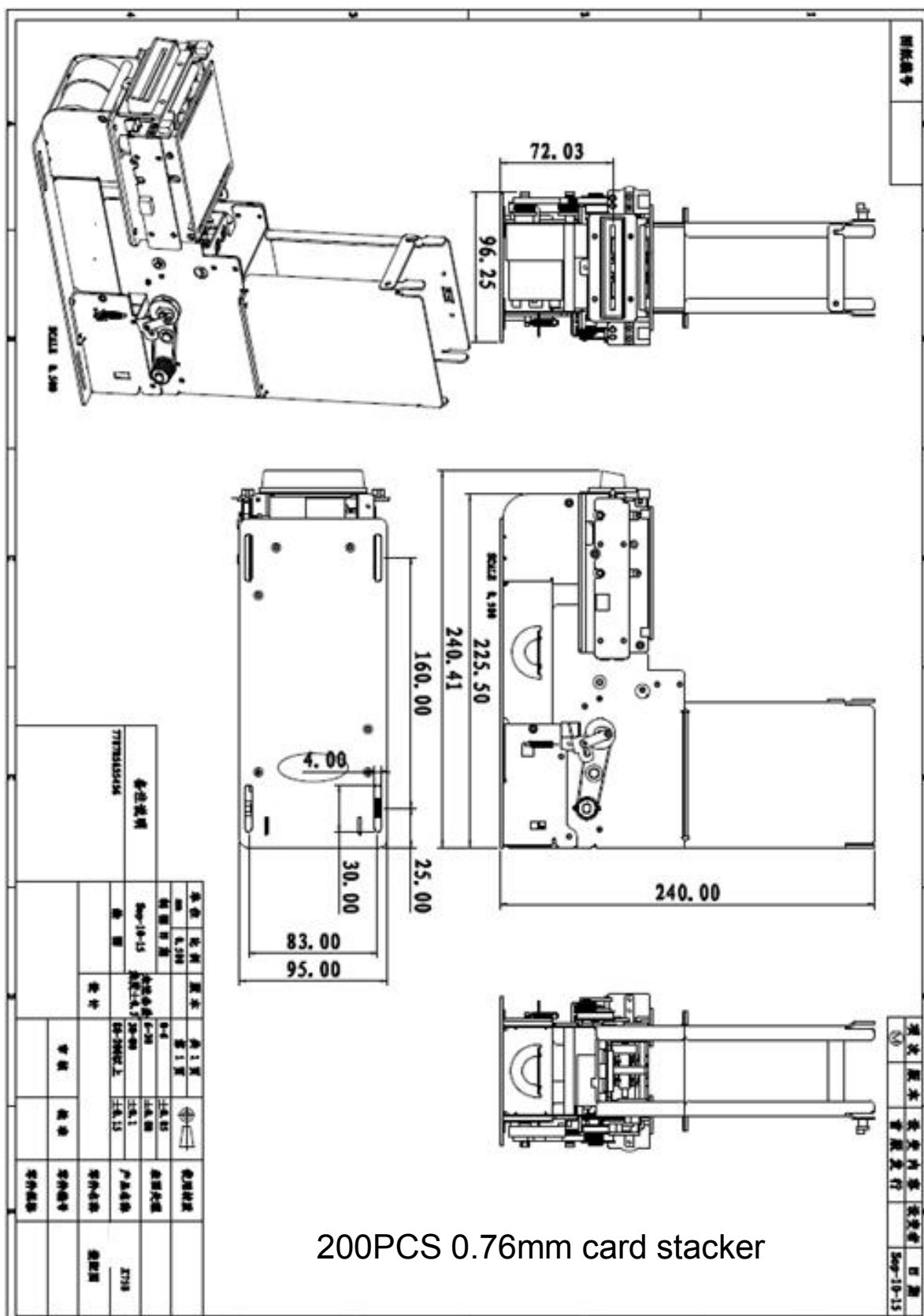
2, Power cable



✚ Dimensions for Installation



Dimensions for Installation



Maintenance and caution

1. Daily maintenance

After card dispenser uses long period or dispenses a certain quantities of card, some part will have great abrasion through long time operation. Then it is necessary to maintain card dispenser. The procedure is as below:

- 1) Check if parts of card dispenser are loose or abnormal. If so, please fasten or repair immediately.
- 2) Check if the belts are loose. If so, please adjust the position of wheel.
- 3) Use cleaning card or soft cloth dipped with alcohol to clean up wheels at the bottom of card cabinet.
- 4) Pick out cards with greasy surface and distorted cards. Use soft cloth dipped with alcohol to clean cards with greasy surface. If distorted cards cannot be repaired, you need to change cards.

2. Caution for safe use

- 1) When opening host machine or cabinet to repair, power connected with card dispenser must be shut off to avoid damage machine.
- 2) Be careful of the difference of power positive and negative in the first power-on.
- 3) Notice the jumping line explanation in the first use. Wrong jumping line may cause machine unable to work or uncertain status.
- 4) Forbid hot-plugging connecting socket in the port. Hot-plugging is easy to damage control circuit.
- 5) Keep card dispenser clean, no oil. Greasy binder may damage the performance of card dispenser greatly.
- 6) There is a red hand-operated soft reset button at the rear down position of card dispenser body side. Field operator can adjust by hand when there is error or abnormal condition in the field operation. In normal condition please do not use it.
- 7) Resetting button can be used to sort cards in stacker and reclaim cards hand-operated.
- 8) Resetting button has overtime protection. Hold and press the button motor will stop operating automatically to protect motor.

Warranty

- 1) Our products have one year free warranty. Warranty period starts from the date that users receive products.
- 2) Repairing method is that users send products to our factory.
- 3) After the warranty period, our company will still provide after sale service. In case it is involved with replace parts, our company will charge a certain material cost. But for the below condition even in the warranty our company will charge a certain repairing fee in repairing.
 - a) Damage or trouble caused by human error after purchase;
 - b) Damage or trouble caused by operation of unprofessional technician;
 - c) Damage or trouble caused by unstable outer power or voltage;
 - d) Trouble and damage caused by force majeure such as earthquake etc.