



SPECIFICATION

Product Manual

Model No.

CRT-591-YER1-XXX

Date

2018/12/26

Ver.

1.0

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CRT-591-YER1-XXX Circulating Card Issuing Machine Product Manual

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History Record

Version	Revising time	Content
V1.0	2018.10.17	First time release


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1. Overview

The product is a circulating card issuing machine applied to self-service terminal equipment in hotels or other industries. Its main features are as follows:

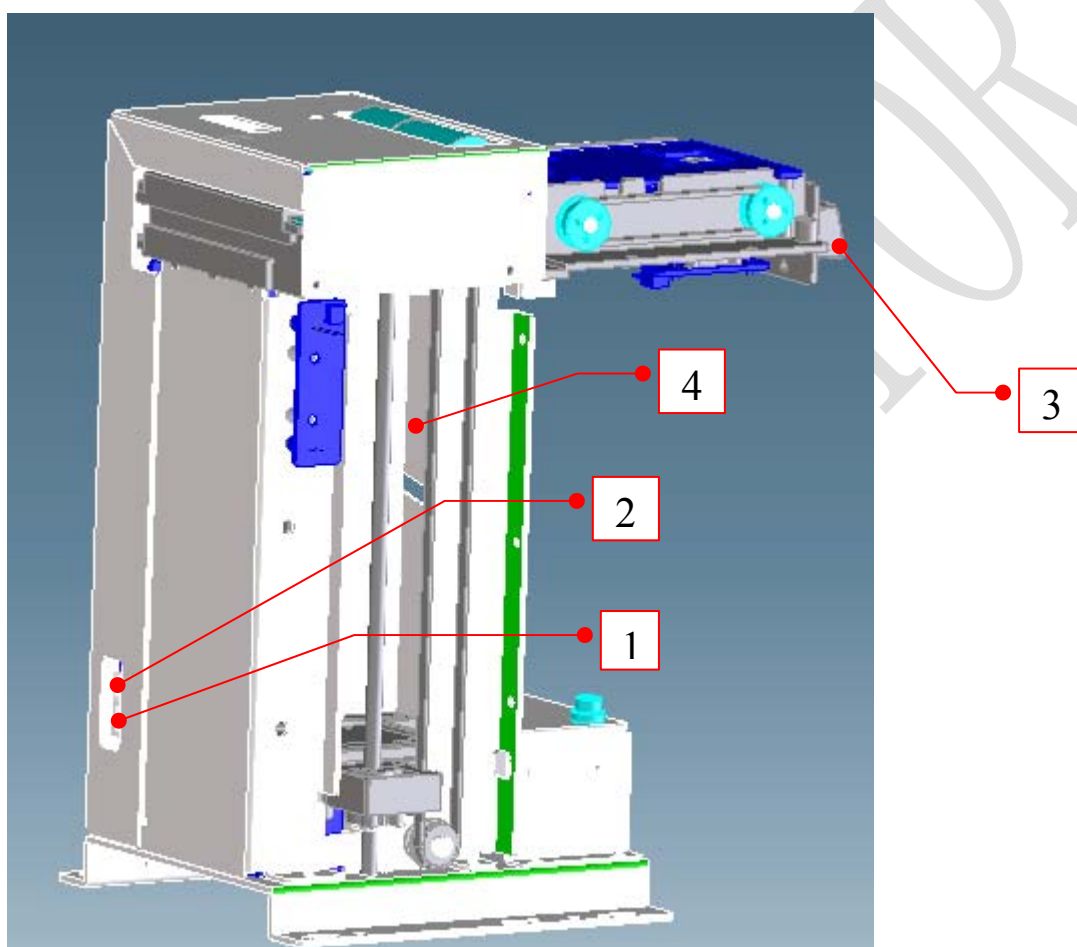
1. Miniaturization of products: This dispenser uses plastic and sheet metal parts combined with as a small machine.

2. Interface: RS232 C

3. Expansibility: External Card Reader availably

●Welcome to use CREATOR product !

●Read this manual carefully, before you use this machine! ! !



1-----power interface (12V)

2----- RS232`

3-----Bezel

4-----card stacker

Warning: DC voltage is higher than 15V is banned , it may caused damaged ! ! !



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3. Technical Specification

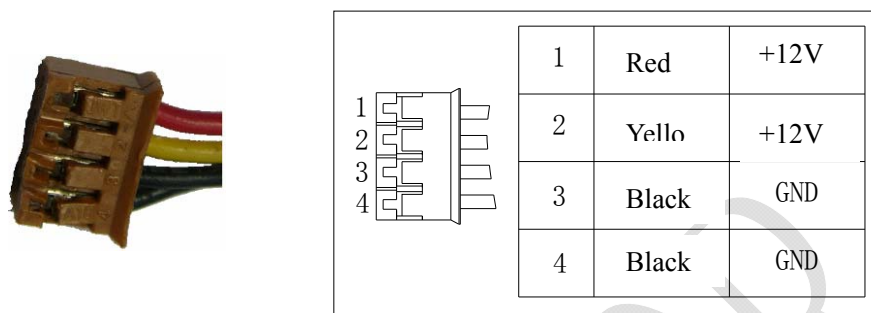
- 1) Support to operate IC card and contactless card in a circulating function
- 2) Card detection function: card empty detection, trouble alarm of machine
- 3) Error card bin for capturing bad cards
- 4) Available to external card reader

Item	Parameter	Remark
Support cards	Standard product: card specification: L: 85.47 ~ 85.90 mm W: 53.92 ~ 54.18 mm Thickness: 0.76 mm±0.1mm IC card compliant to: ISO7816-1、2、3、4 standard PBOC2.0、PBOC3.0 standard EMV2000 standard Contactless compliant: ISO/IEC 14443 Type A and Type B PBOC2.0、PBOC3.0 EMV2000	Supported external card reader: 1.Reserved external interface for IC card reader; 2.Contactless card reader can be installed above this machine
Card dispensing and retrieving	1. Rubbing card mode for dispensing / retrieving cards 2. 0.76mm thickness card is standard, standard capacity: around 150 pcs flat cards 3. Longest card dispensing time is 3 sec/pcs (on including writing card)	easy to replacing rubbing wheel for adding life time
Life	1. life≥20 times of dispensing (not include IC contact and retrieving) 2.dispensing error rate≤1/1000, retrieving error rate≤1/300 3.MTBF≥20000 Hours (only electric components)	
Interface	1. RS232 C 2. Voltage input (4PIN) 3. Support IAP 4. DLL for Customer	
Voltage and Current	1. DC 12V±10% 2. Idle current of dispensing module≤0.2A, working current≤1.0A, peak current≤3A	
Certified	1. ROHS standard compliant	
Working condition	1. Working temperature: 5℃~50℃ 2. Storage temperature: -20℃~70℃ 3. Working humidity: 5% ~ 80% (no condense)	
Weight	Around 2KG (net weight)	

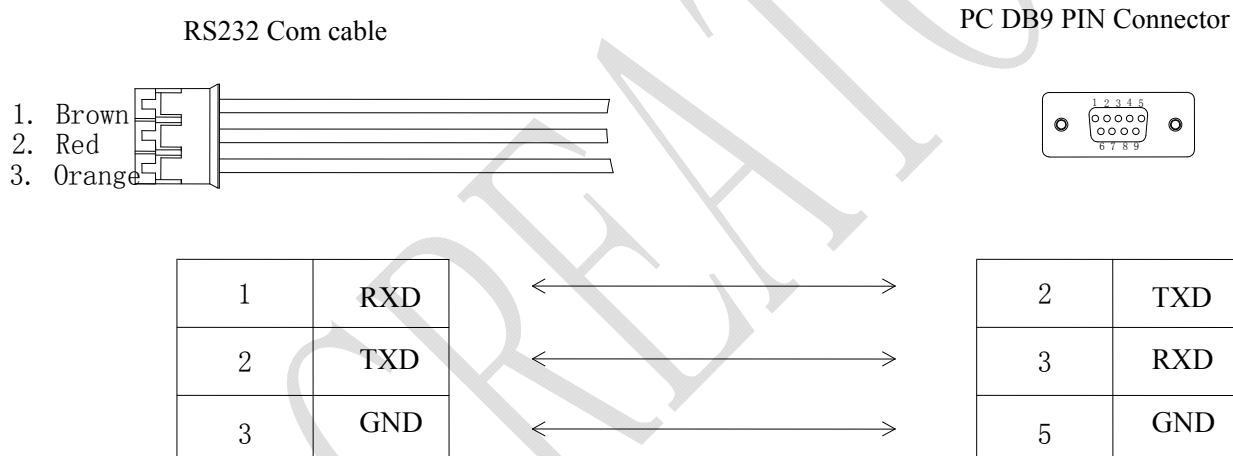
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4. Interface description schematic

Draw 1 CRT-591Y interface description schematic



Draw 2 4PIN power harness



Draw 3 3PIN serial port cable and computer DP 9PIN cable



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5. Structural outline drawing and appendix

