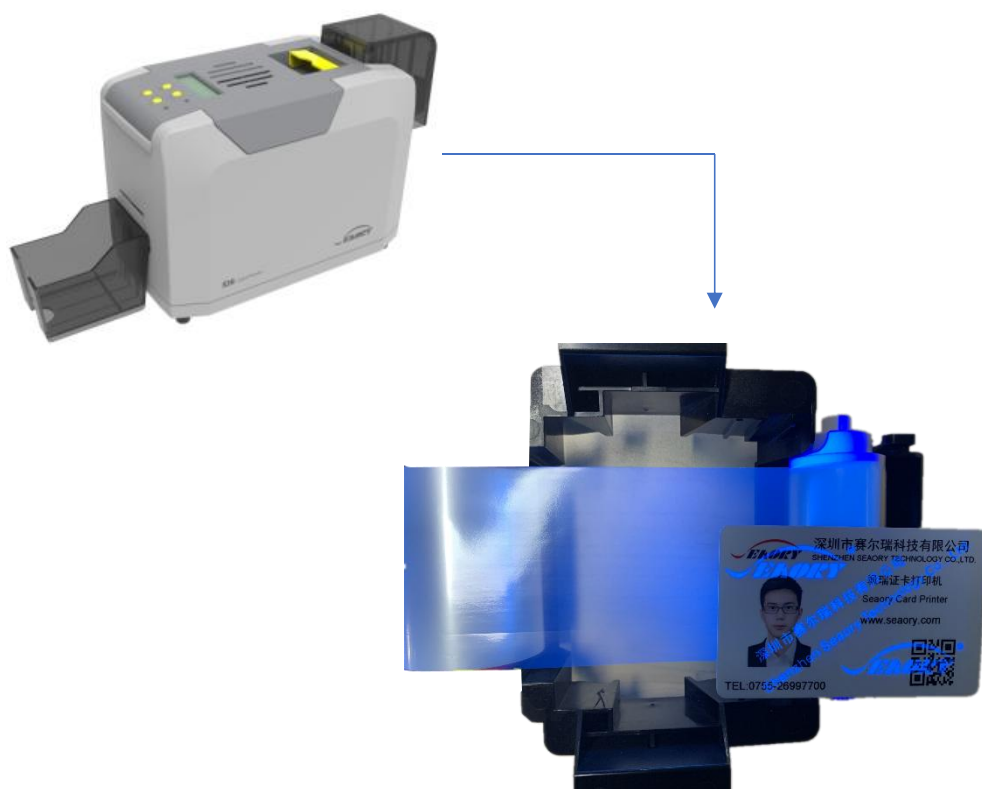# SEAORY ®

2023

UV Ultraviolet Security Printing Application Technology

Operation Instruction

Excellent quality

Perfect service

Shenzhen Seaory Technology Co., Ltd.

Catalog

1. Overview of UV security Printing Technology

UV security printing is widely used to enhance the protection and color of your card . Add fluorescent images or texts in a specific color of your choice to enable easy verification and additional security to your card.It has high clarity, obvious color changing effect, strong glossiness, good scraping resistance and saving ribbon etc characters.
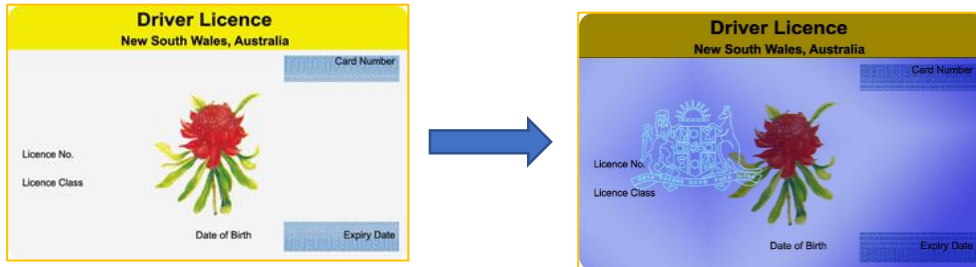
By using Seaory S series card printers to realize the production of full-page color UV card printing. Say goodbye to the cumbersome bulk printing of large printing presses.As shown in the figure, it is recommended to implement Seaory S26+ Seaory S25 combined splicing scheme.


The photo effect under UV irradiation is very poor,but the actual printing quality is much better than shown above. Please feel free to choose.

2. Brief Description of Seaory UV Security Ribbons

2.1 Characters

- UV Anti-fake ribbon
- High resolution printing effect
- Discoloration effect is obvious under the purple lamp
- High speed printing and carbon tape saving
- High gloss and high density
- Scratch resistance is superior
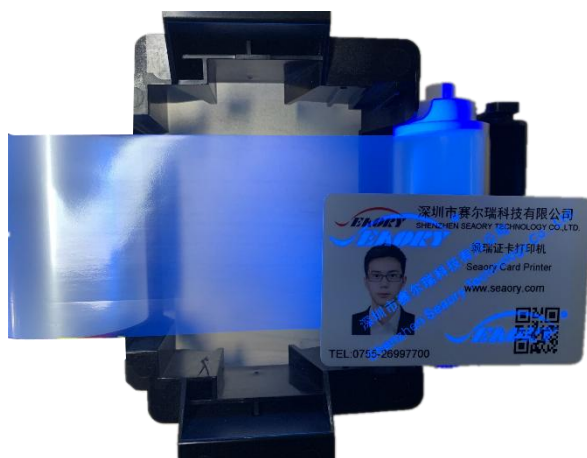
2.2 Main Parameters

Item	Parameters	Note
Anti-counterfeit effect	Fluorescent blue	
Suitable for	Seaory S25, S26,S28	
Number of prints per roll	1 Up to 1000	ISO CR80
size	100m×60mm	
Compatible cards	PVC or composite cards	
Come with accessories	1PC Cleaning roller and 1PC cleaning card	Card printer consumables
Part Number	BXR.3C31A.XXX	
G.W	150g	
Packing size	95mmX62mmX105mm	

3. Seaory S series Full-panel YMCKO Ribbon Brief Introduction

3.1 Characters

- High resolution printing effect
- O panel clear protective overlay adopt transparent material for UV security printing
- High gloss and high density
- Scratch resistance is superior
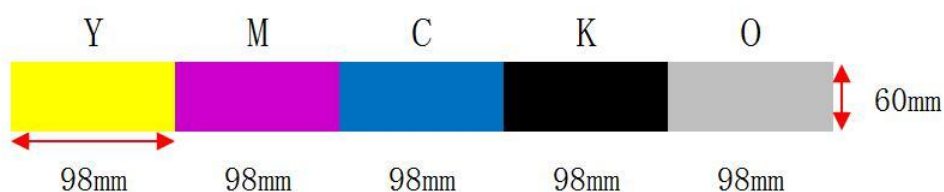
3.2 Main Parameters

Item	Parameters	Note
Suitable for	Seaory S25, S26,S28	
Number of prints per roll	Up to 300	ISO CR80
Compatible cards	PVC or composite cards	
Come with	1PC Cleaning roller and 1PC cleaning card	Card printer consumables
Part Number	BXR.31112.XXX	
G.W	200g	
Packing size	95mmX62mmX105mm	

4. Preparation before usage and consumables option

4.1 Recommend card printer model

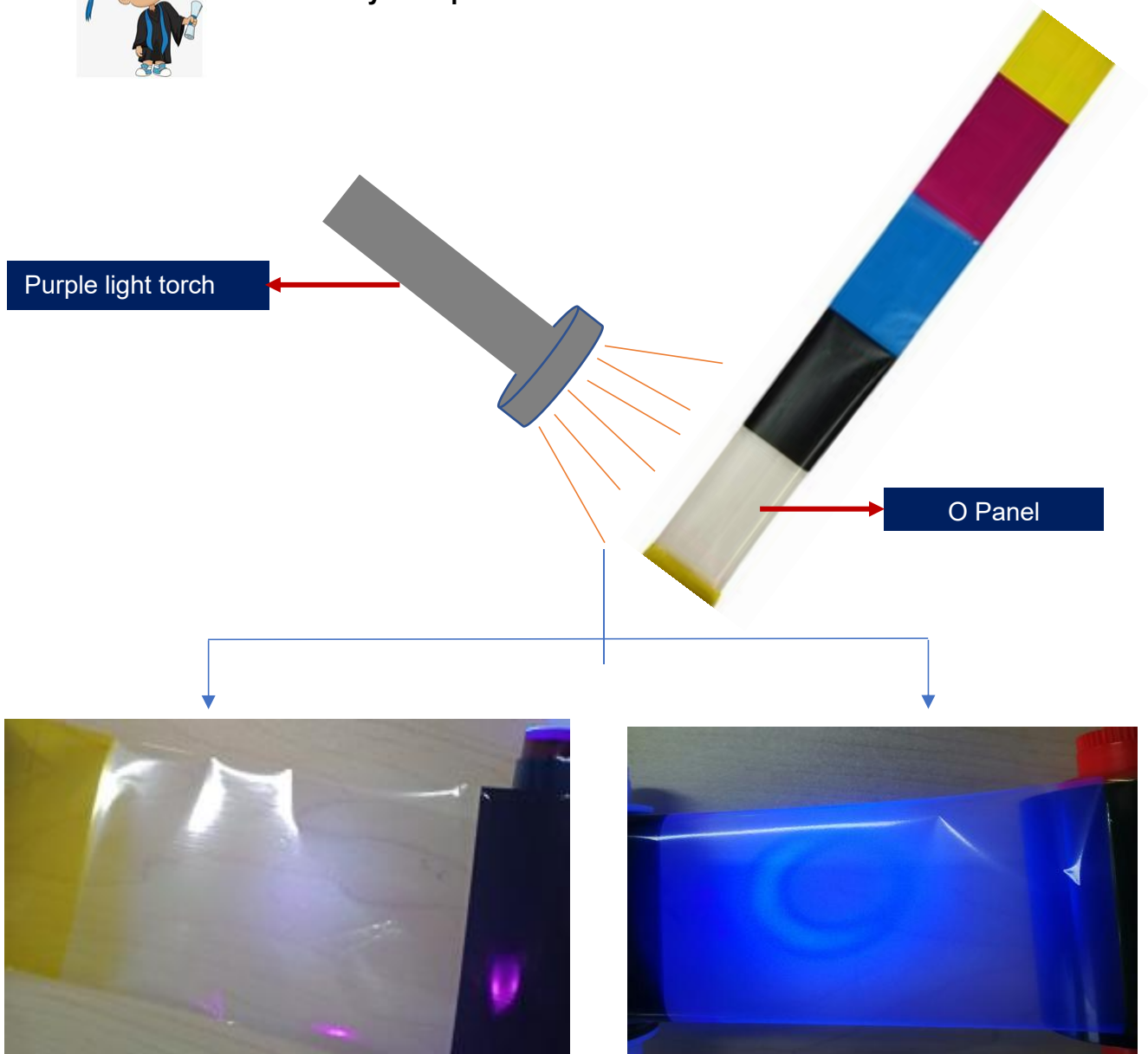| Seaory S25	Seaory S26
Desktop Single-sided Card Printer	Desktop Single-card Card Printer

4.2 Consumables Option

Seaory S series Full-panel YMCKO Ribbon

(O panel with No fluorescence)
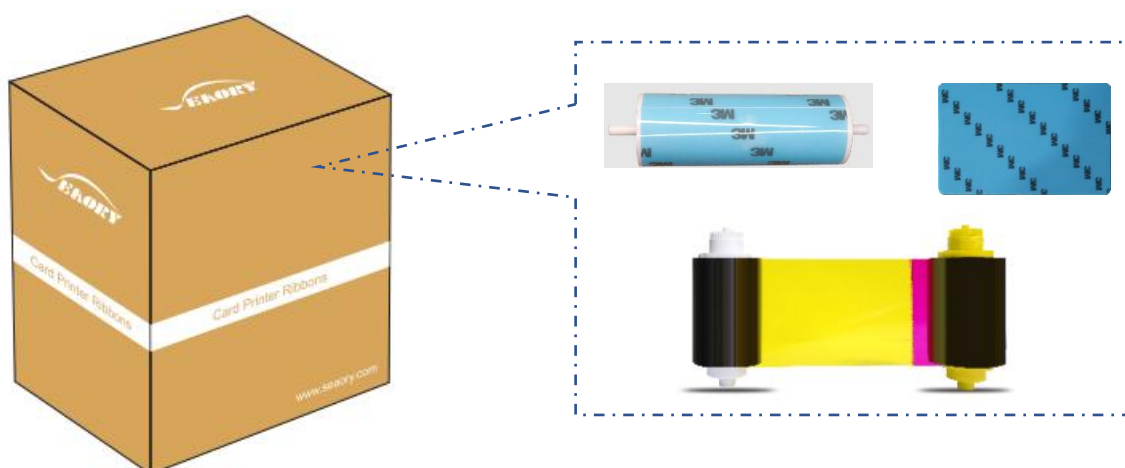
O panel within the full-panel YMCKO Ribbon must with no fluorescence.
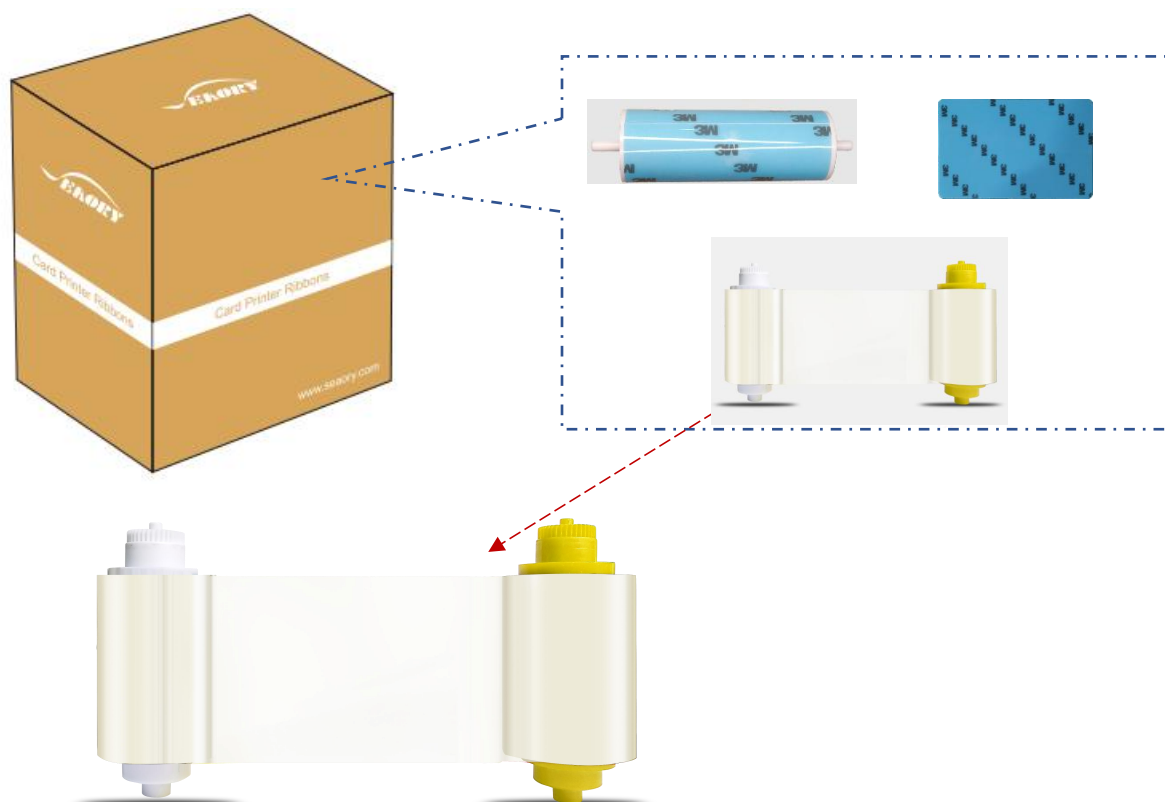
How to analysis O panel is with no fluorescence?

Purple light torch

O Panel

✓ No Fluorescence

✗ With Fluorescence

4.3 Seaory UV Security Ribbon

Blank Card

To get the best UV card printing effect, the printing blank card material must be:
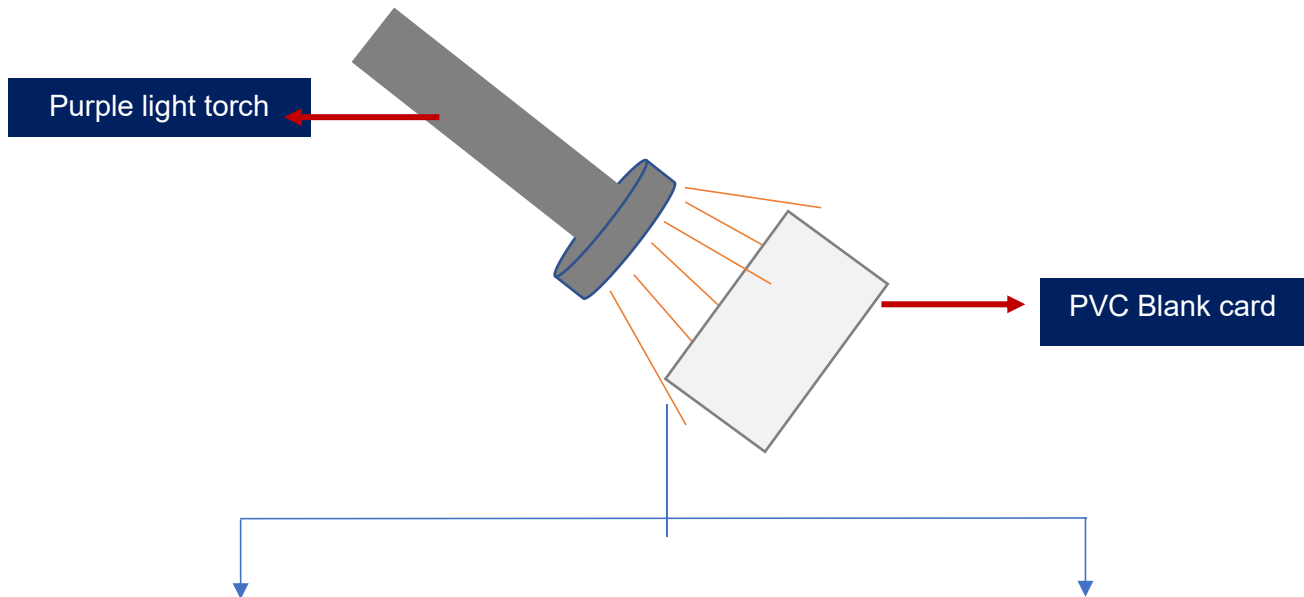
PVC or composite cards

With no fluorescence material

If the card is with fluorescence, the UV card printing effect will be very poor.

How to analysis card is with no fluorescence material?

Purple light torch

PVC Blank card

✓ **No Fluorescence**

✗ **With Fluorescence**

5. Hardware installation instruction

5.1 Preparation before installation

The following is for the overall layout of the Seaory UV printing solution only. More details about Seaory card printer's hardware and software, please refer to "Specification" and "Quick user guide" within CD in accessory box.

Yon can also download above all related document on official website: www.seaory.com
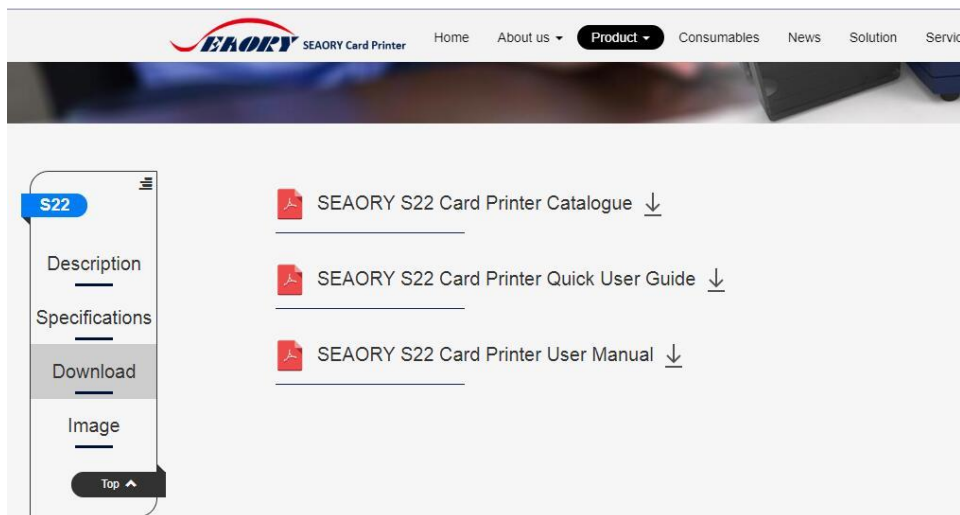
5.2 Card Printing

Firstly, S26 card printer is used to print the cards in YMCKO color printing, and then S25 card printer is used to print the cards in combination with UV printing technology. This can be controlled through the printing program.
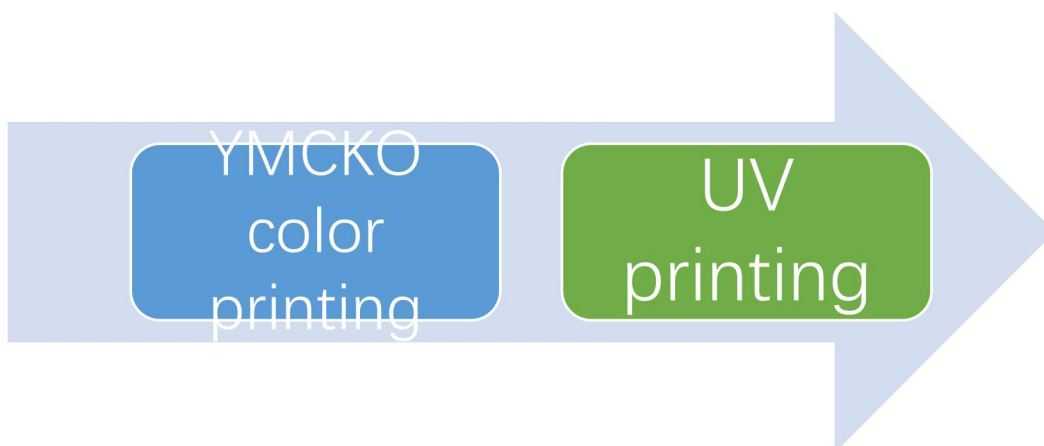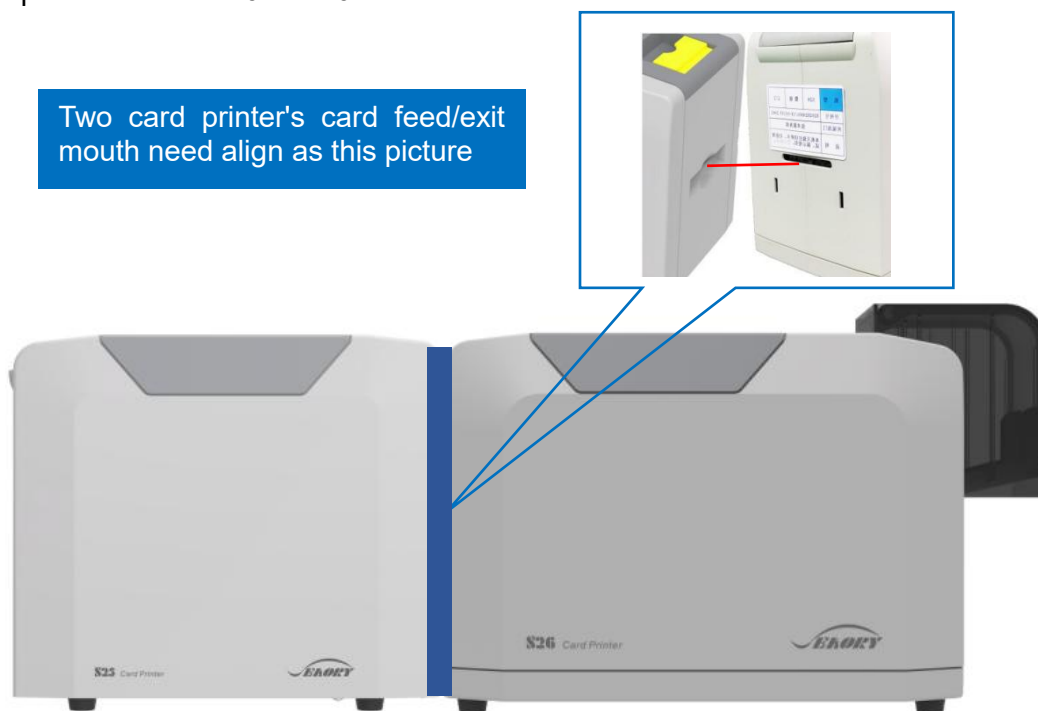
5.3 Hardware installation

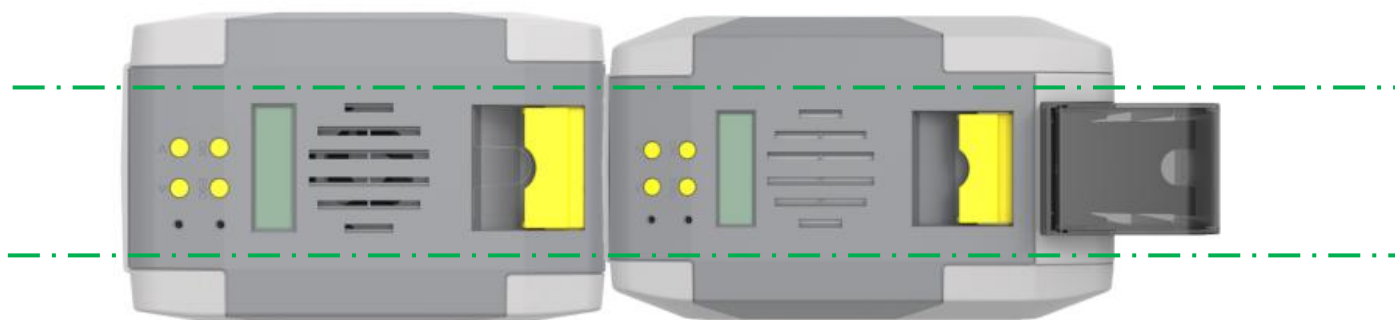（1）Splice installation requirements

As shown in the figure below: Put the S26 and S25 card printer on the desktop, parallel and spaced between 10mm-20mm

Two card printer's card feed/exit mouth need align as this picture

The two printer covers must be aligned parallel as below picture.

You can study more details about Seaory S series card printers in "Specification" and "Quick user guide".

（2）、**Consumables installation**

Install the Full-panel YMCKO ribbon into Seaory S26 Card printer.

Install uv security ribbon into Seaory S25 Card printer.

Place blank card with no fluorescence into S26 card printer input hopper
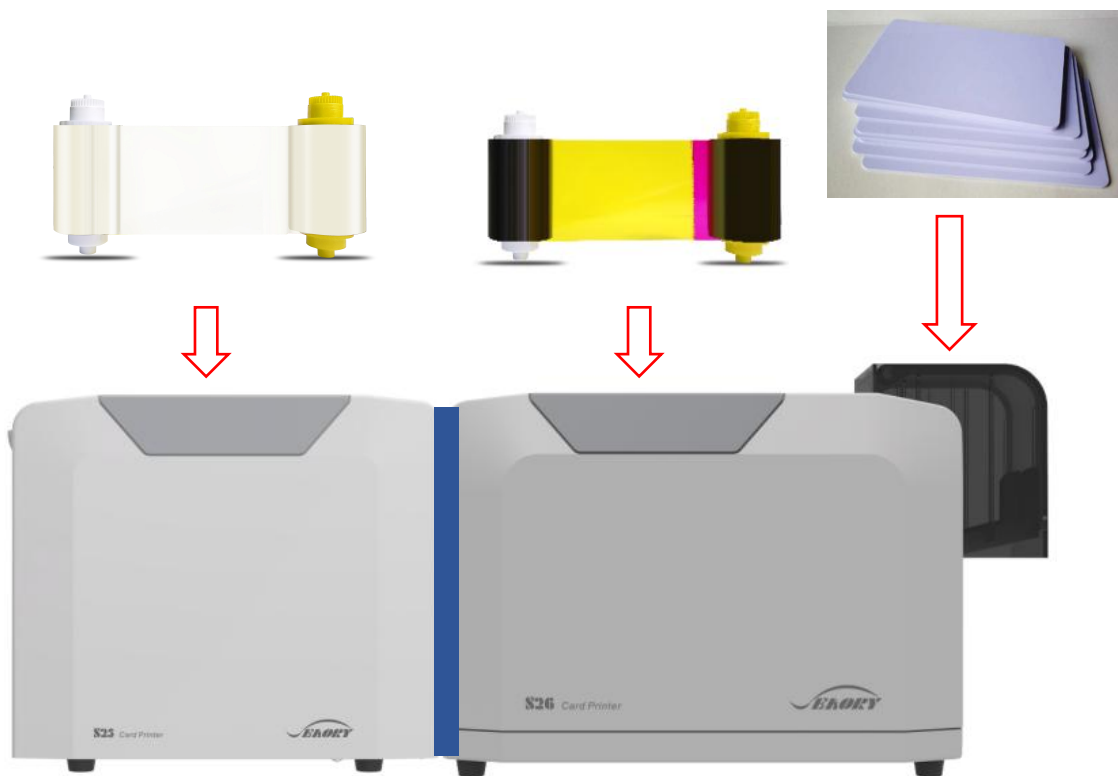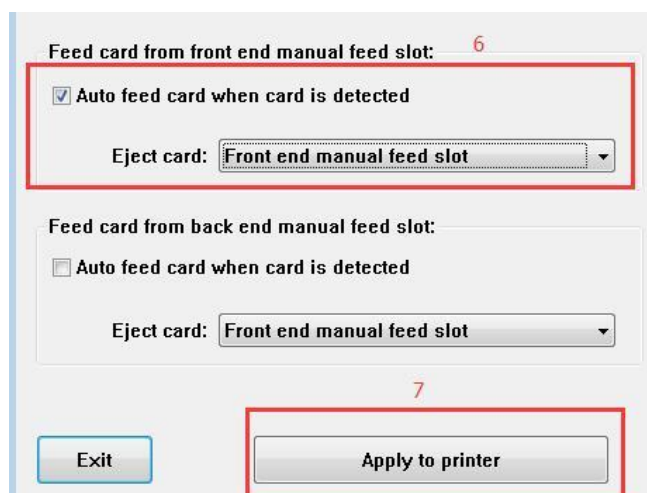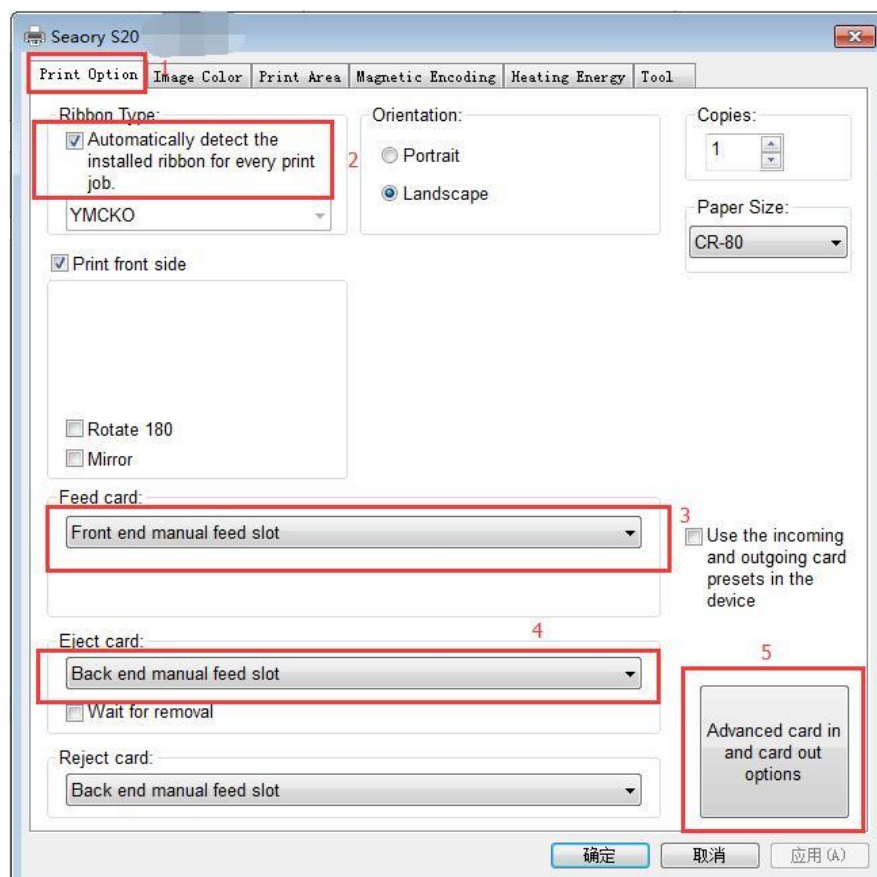
6. Printing test

## 6.1 Card feeding mouth and eject mouth setting

（1）Seaory S25 card printer setting:

Put your mouse on the selected "Seaory S25" printer, and click the right button, from the Printer menu, select "Printing preferences". Then you will find "Print option".
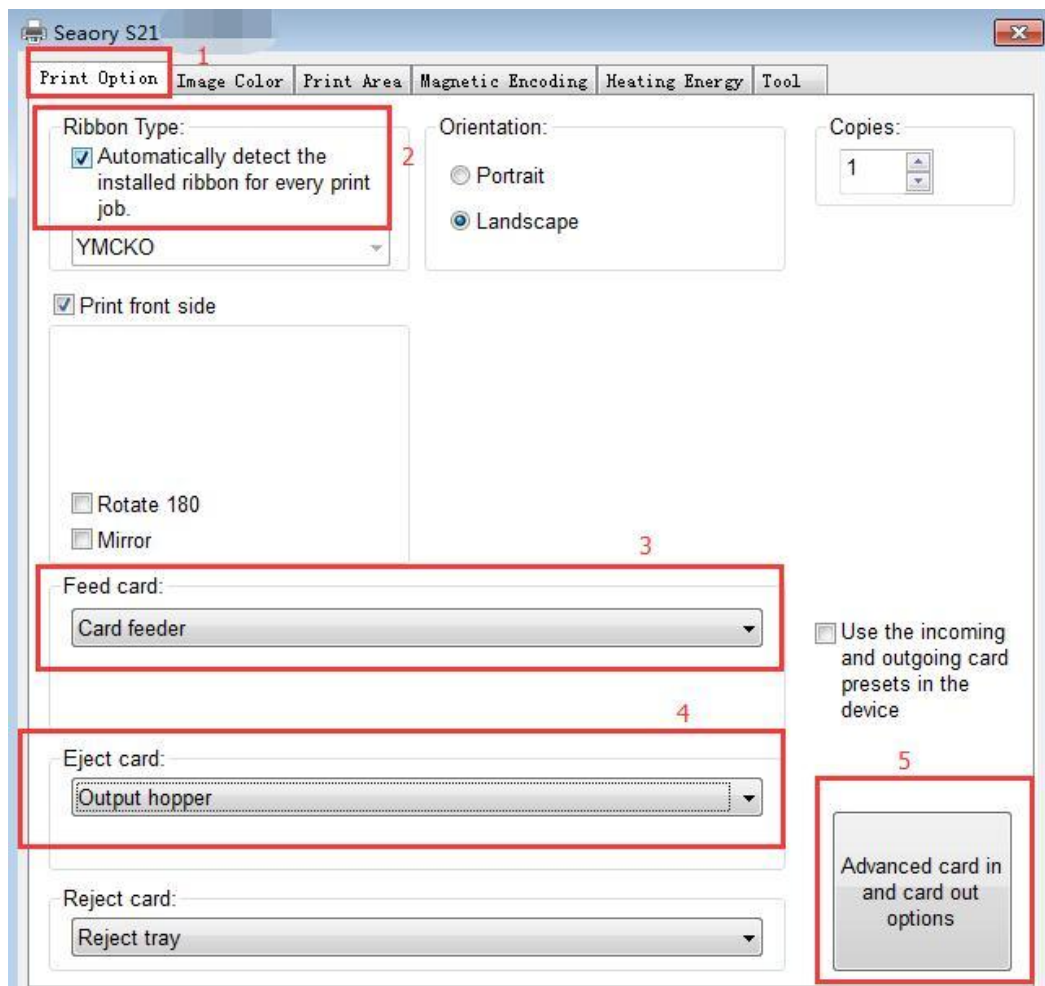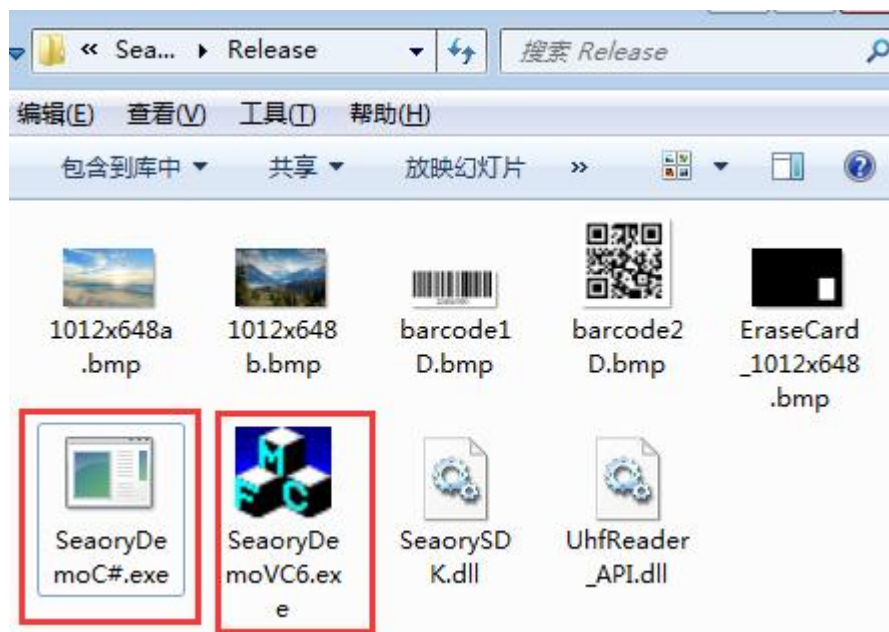
（2）Seaory S26 card printer setting:

Put your mouse on the selected "Seaory S26" printer, and click the right button, from the Printer menu, select "Printing preferences". Then you will find "Print option".
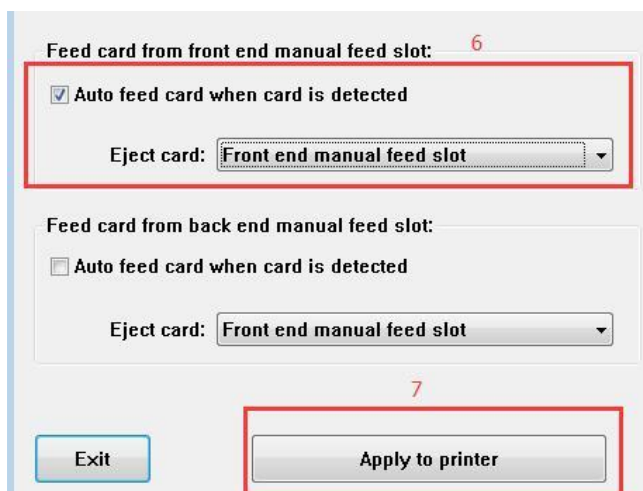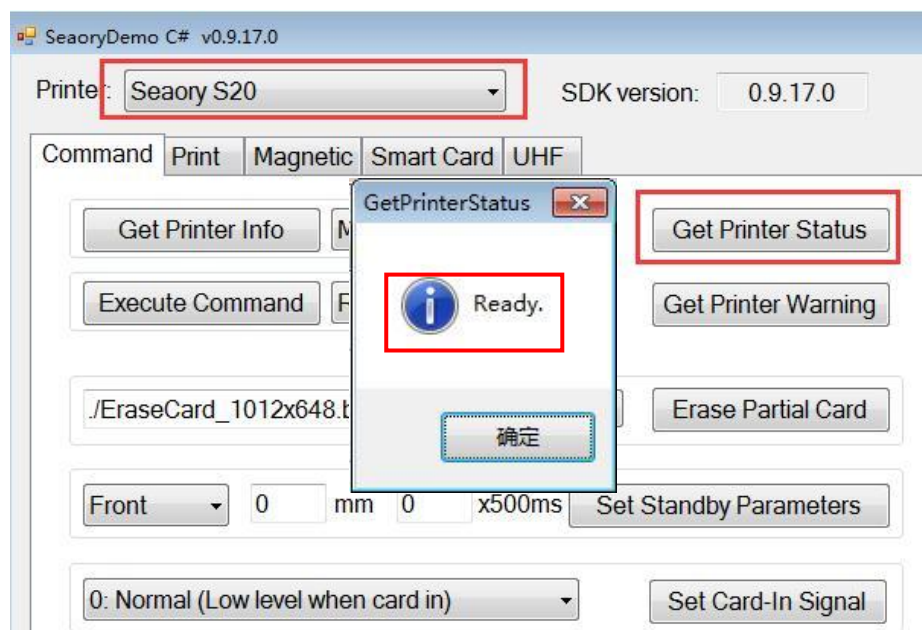
6.2 Printing test

（1）Open SeaoryDemoVC6.exe or SeaoryDemoC#.exe demonstration program. Below will introduce details about SeaoryDemoVC6.exe.

（2）After installed ribbons and placed blank cards, please make sure the Seaory S25 and S26 card printers are ready.

（3）Printing test steps

Setting the printing text and picture format, location, size etc as show in below picture.

After above setting steps, the Seaory S26 card printer will print the cards in YMCKO color printing firstly, then the card will insert into the Seaory S25 card printer automatically.

And the card will be exit out from S25 card printer back -end exit mouth after finished UV printing.
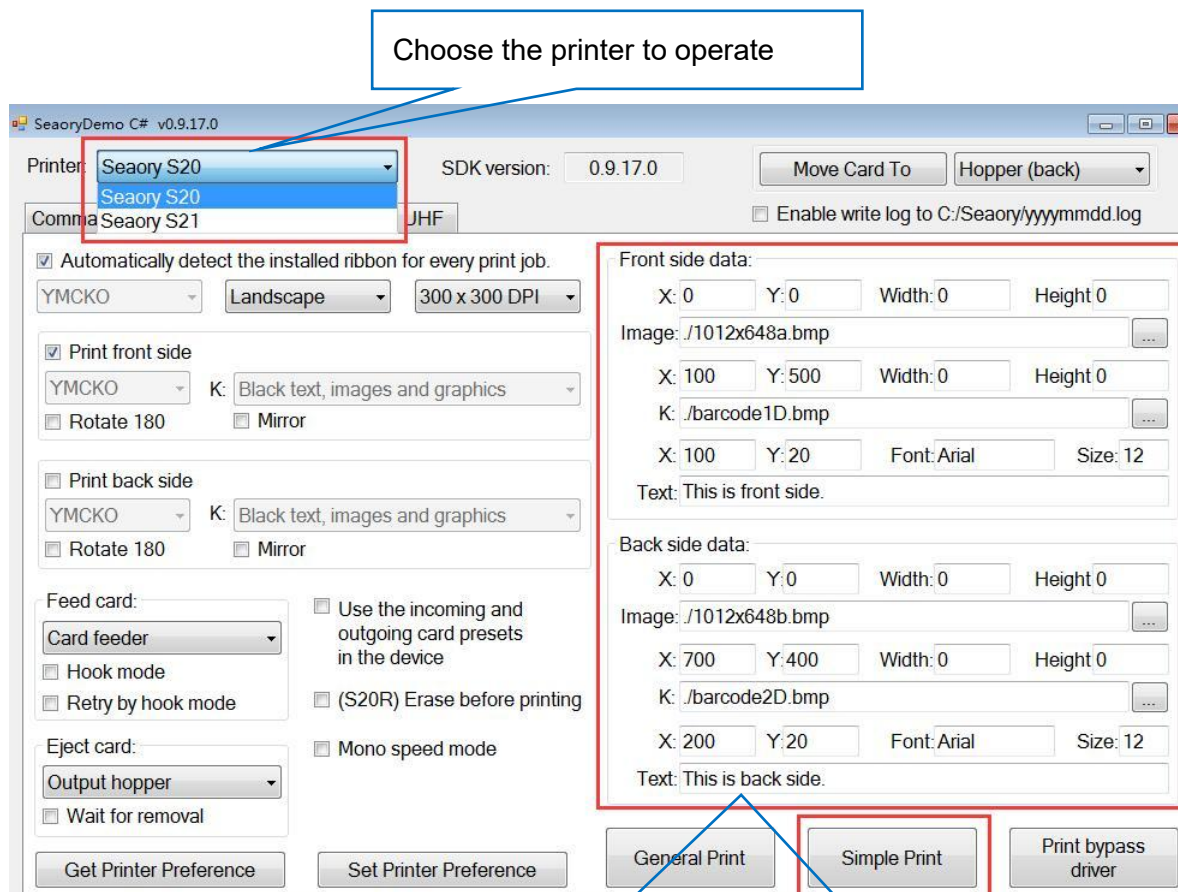
- Input and setting the text,text type,text number and location(X,Y) here
- Choose the printing picture or input the file path directly, setting the picture's location(X.Y) and size