



# **Intelligent Painting Terminal**

## **Vebula® Pro**

**Ideal Partner for Intelligent Nail Beauty**



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## INTRODUCTION

GCI Science & Technology Co., Ltd. (referred to as: GCI Science & Technology) is a high-tech and innovative enterprise, and is a state-controlled joint-stock listed company restructured and established in 2000 by the Civilian Product Department of No. 7 Research Institute, China Electronics Technology Group Corporation (stock code: 002544), with the registered capital of 515.76 million yuan.

GCI Science & Technology has nineteen branch companies and four subsidiary companies, with the business scope covering the fields of electronic information and communications, and can provide the products and services including: communication networks and electronic engineering consulting, planning, design and optimization, cloud computing research and industry applications, IOT industry applications, value-added telecom services, mobile communications network products, wired/wireless broadband access products, digital TV set-top box, communications/computer information system integration, high-performance printed circuit boards, etc.

GCI Science & Technology has 529 patents (397 invention patents), 89 software copyrights and 24 Software Product Registration Certificates, has chaired or participated in the development of more than 30 international and national industry standards, and assumed more than 70 national, provincial and municipal science and technology research projects.

Domestically, GCI Science & Technology has set up 51 provincial offices and meanwhile 19 branch companies in Guangzhou, Beijing, Shanghai, Chengdu, Fuzhou, Shenzhen, Dalian, Xi'an and other places, with the broad regional marketing and service networks established. Over the years, GCI Science & Technology, on the basis of further consolidating the domestic market, has actively expanded the international market, set up overseas branches in Hong Kong, Indonesia, Malaysia and other places, and has become the influential professional network optimization service provider on the Southeast Asian market.

Facing the future, GCI Science & Technology will continue to give play to the whole-process, cross-network and multi-technology core advantages, with its outstanding information products and technology solutions and around the national strategy and corporate development layout, will be committed to becoming the most competitive integrated provider of information networking technology services and products on the basis of the triple play, Internet of Things, cloud computing and next-generation wireless broadband network applications, and will bravely assume the great responsibilities of self-innovation and national rejuvenation as the state-owned listed company.

# The Master Art Shines at Your Fingertips

Techniques and Time Create Nail-Art Master.

With massive gallery and online updating, Intelligent Painting Terminal always keeps you jumping on the bandwagon and makes you a nail-art master.



# Intelligent Technology & Speed Painting

New generation of intelligent technology & Exhibition of nail-art level.

With intelligent painting terminal Vebula<sup>®</sup> Pro, nail-printing perfectly completes within 20 seconds, easily achieving low cost and high efficiency.



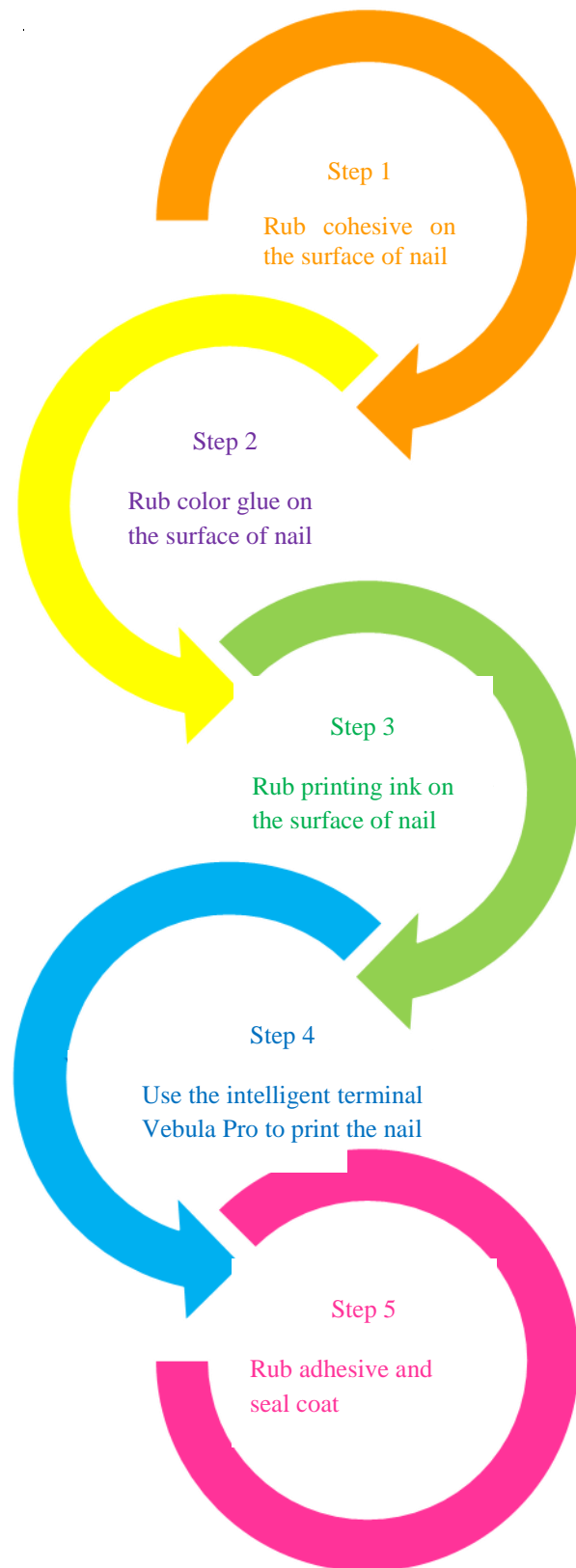
## Intelligent Painting Terminal Vebula® Pro

### Vebula®<sup>Pro</sup> Intelligent Painting Terminal



- Intelligent product of nail printing with breakthrough innovation design
- With 7-inch HD capacitive touch screen, each step of the operation of beauty is clear.
- Suitable for commercial and home use
- Single nail painting only requires 20 seconds
- With output accuracy 1200DPI and as high as 4800X1200DPI, every inch of nail beauty perfectly shows in detail.
- Over 1000 classical nail art designs
- Optional designs and styles are available.
- **Automatic** positioning technology perfectly captures specific position of nails.
- Compatible with uploading personalized design from cellphone via WIFI.
- Compatible with batch painting of nail tips and suitable for manufacture of nail tips and nail membranes.

## Intelligent Painting Terminal Vebula<sup>®</sup> Pro Quick Start-Nail Painting Procedure





## 1. Software Homepage

(1) start the software and enter the homepage, as shown in the following figure 1: file 'System' contains gallery of the system while file 'DIY' contains customized gallery.

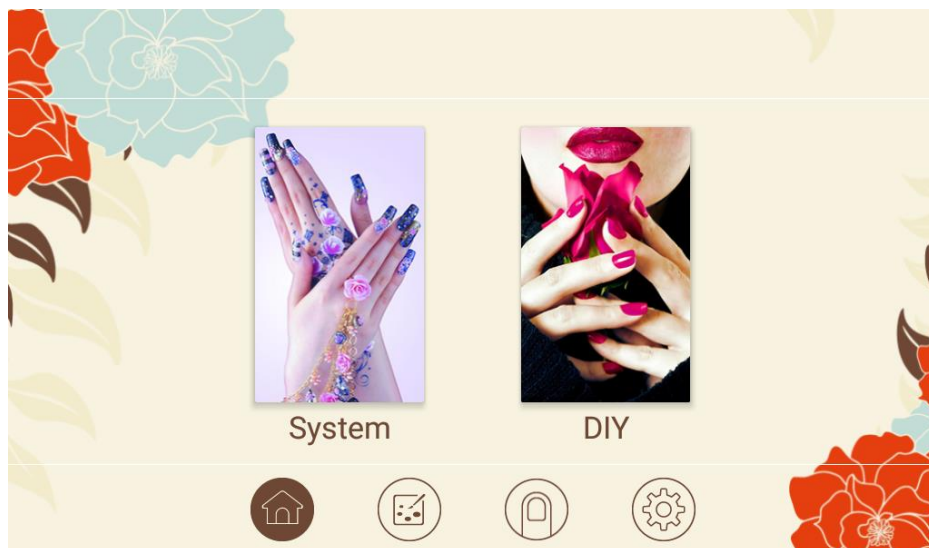


Figure 1

(2) in file 'System' , galleries are classified according to styles.

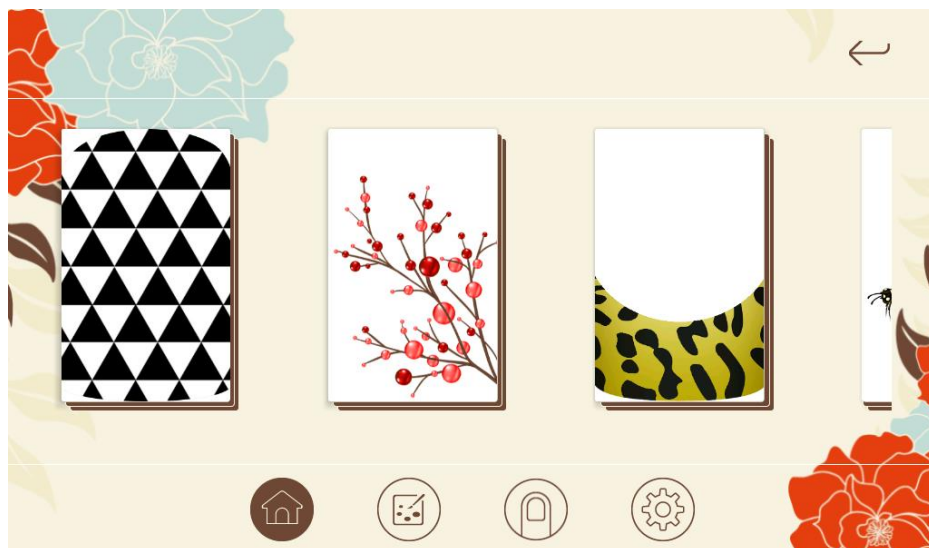


Figure 2



- (3) Enter the style gallery and directly choose the painting patterns, displaying in the preselected area. Long pressing can cancel the preselected pattern, as shown in Figure 3.

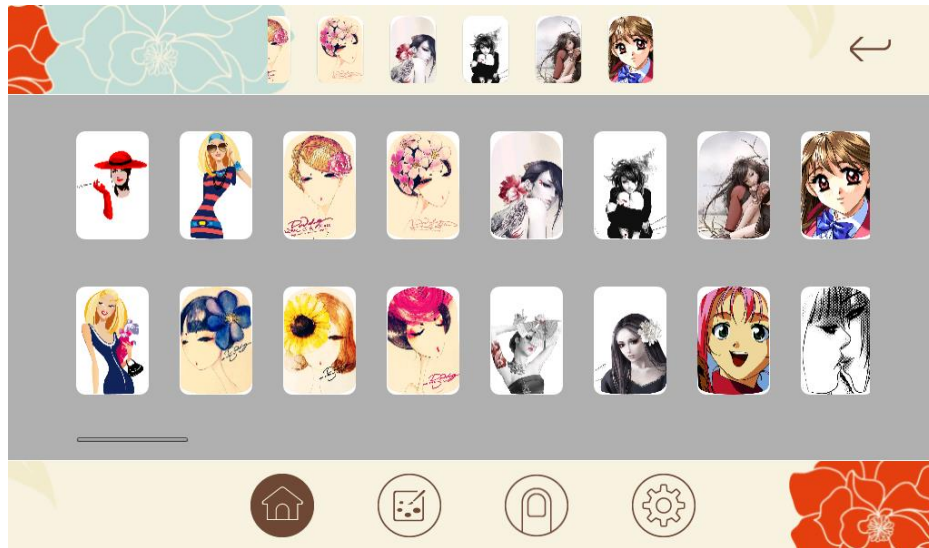


Figure 3

- (4) Long pressing can delete the system gallery patterns, as shown in Figure 4 and Figure 5.

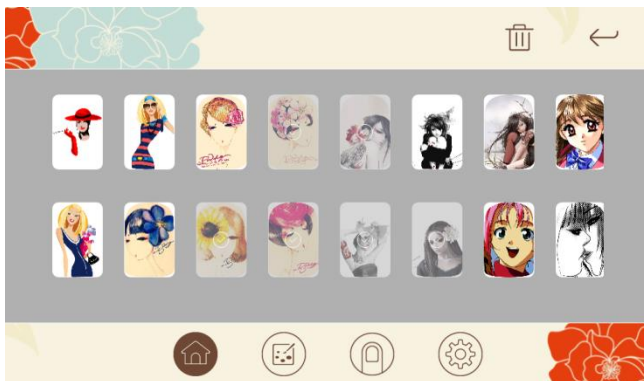


Figure 4

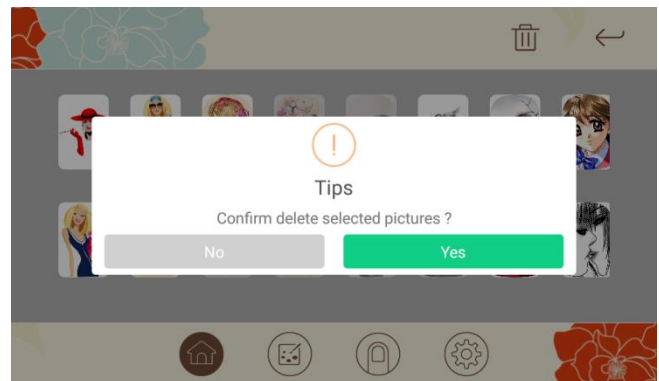



Figure 5

## 2. Customized Photo Editing

- (1) Press , enter the editing interface of customized picture, as shown in Figure 6.

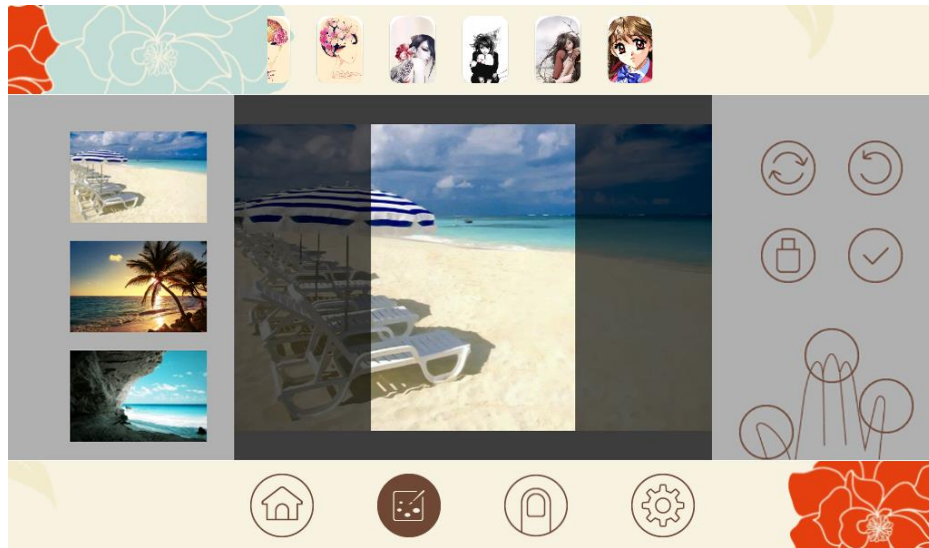


Figure 6

User can design DIY nail printing patterns at the customized photo editing interface. Photos imported via WIFI (see 5: (1) illustration) or USB can be edited as nail printing patterns in different scale according to the size of nails. Introduction of function bottoms at the right side of the interface are as follows:



: Rotation: For rotation of DIY patterns.



: Restoration: For restoration of all operations.



: USB Access: Press the key to read the USB and import photos by selecting them.



: Screenshot: For capturing the highlight area. The selected pattern will be showed in the preselected area.



: Choose certain graphic scale, respectively 1:1, 2:3, 5:9.

### 3. Nail Printing Interface

Nail printing interface is shown in bellow Figure 7.

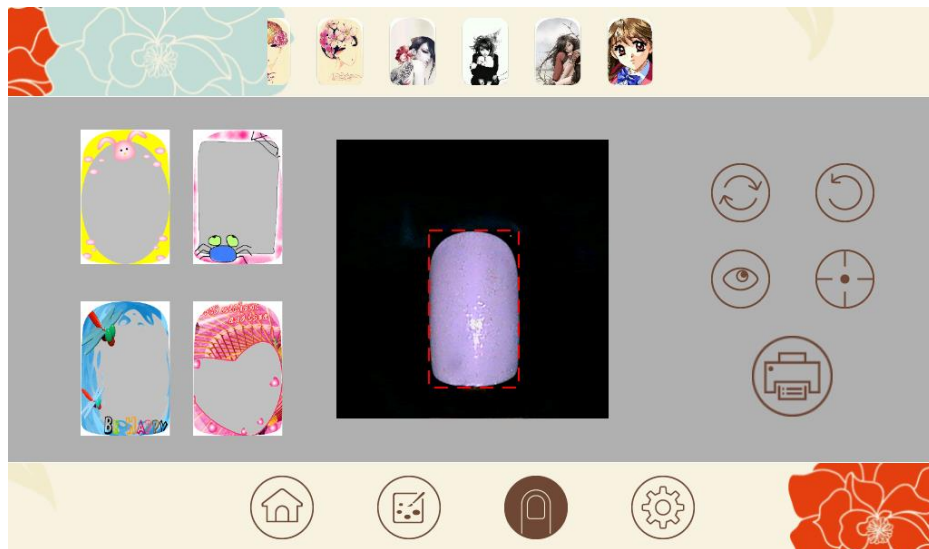


Figure 7

Introduction of function keys of nail printing interface are shown as follow:



: Rotation: Rotate the printing pattern inside the red box.



: Restoration: For restoration of all operations.



: Hide: To observe the size of nail while hiding the printing pattern inside the red box.



: Automatic Positioning: Pressing to automatically positioning the printing area.



: Printing: After confirming the printing pattern and printing area, pressing to start printing.

#### 4. Quick Printing Procedure

(1) Put your fingernail or the nail tip into the fitment and adjust correspondingly through the visible area of the interface, as shown in Figure 8.

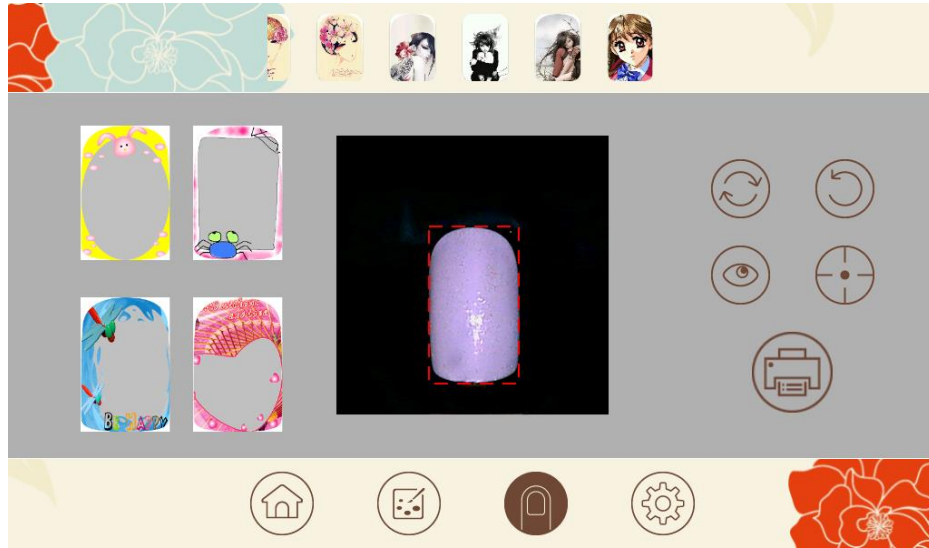


Figure 8

(2) Drag the side or corner of the red box (drag within the demonstration area is recommended, as shown in Figure 9. The yellow line appeared when dragging) and use the function keys to adjust the size and position of the red box so that its size is slightly larger than fingernail.

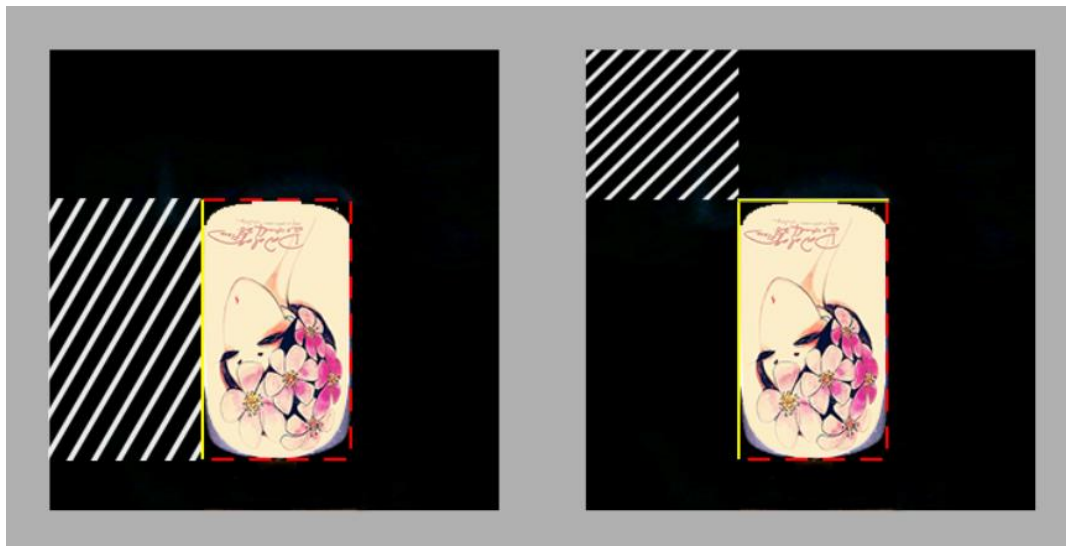


Figure 9

(3) Select the printing pattern in the preselected area and the selected pattern will display in the editing area, as shown in Figure 10.

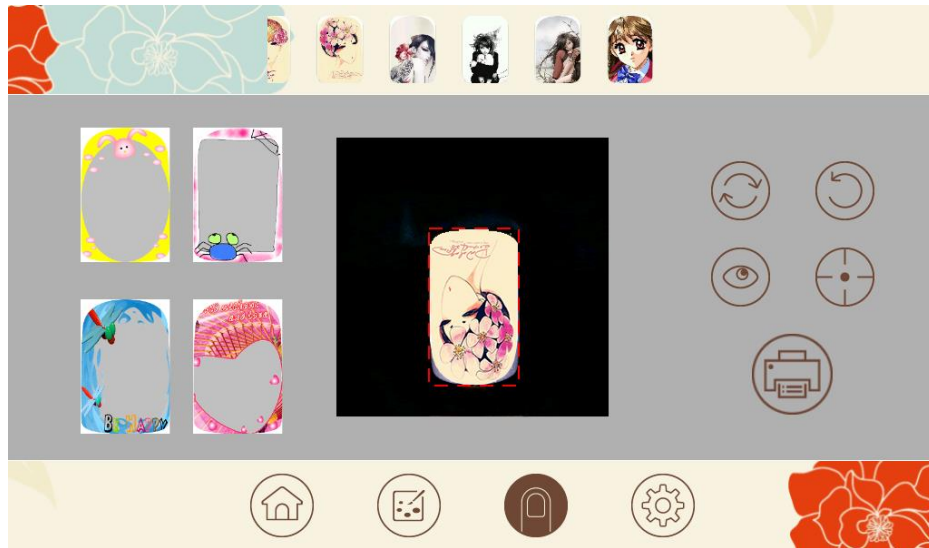


Figure 10

(4) Photo frames and clipping frames are available to modify the printing pattern, as shown in Figure 11.

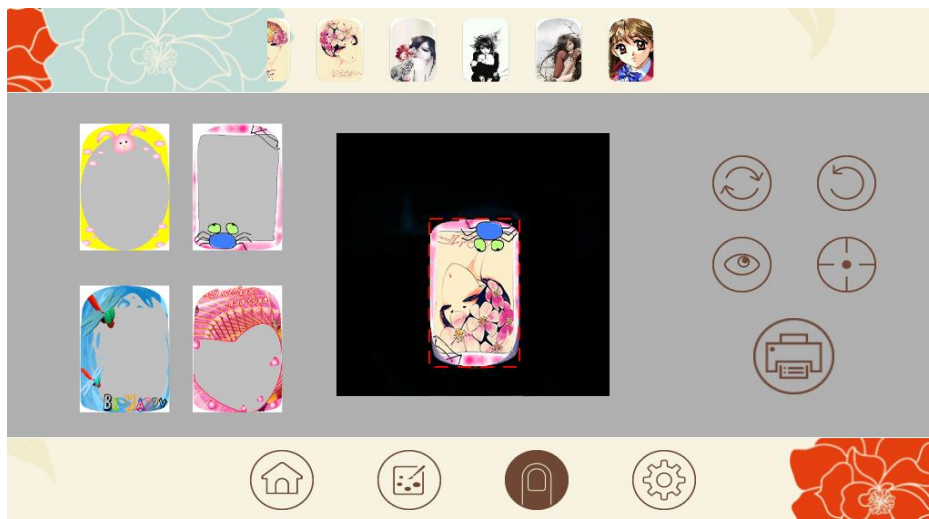




Figure 11

- Press  to start printing.
- The printing is finished until the progress bar completes.

## 5. Setting

(1) Key of WiFi and Product Information: Press  to switch on/ off WIFI. Searching and

connecting hotspot of the device by cell phone. Press the product information key  at the right side, as shown in Figure 12. Scan the QR code using cell phone to enter the interface of pattern uploading. Choose the desired pattern and upload, as shown in Figure 13. The uploaded pattern will display at the left side of the customized editing interface.

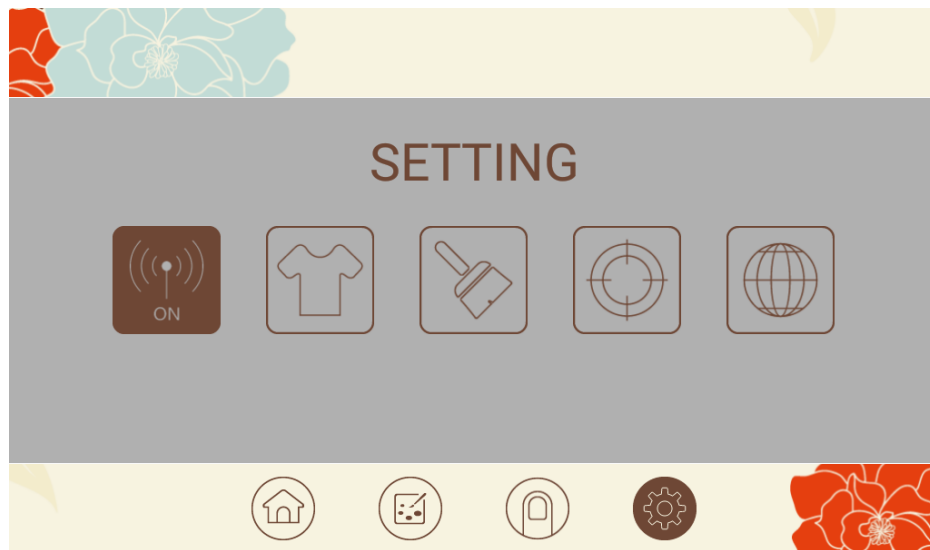


Figure 12

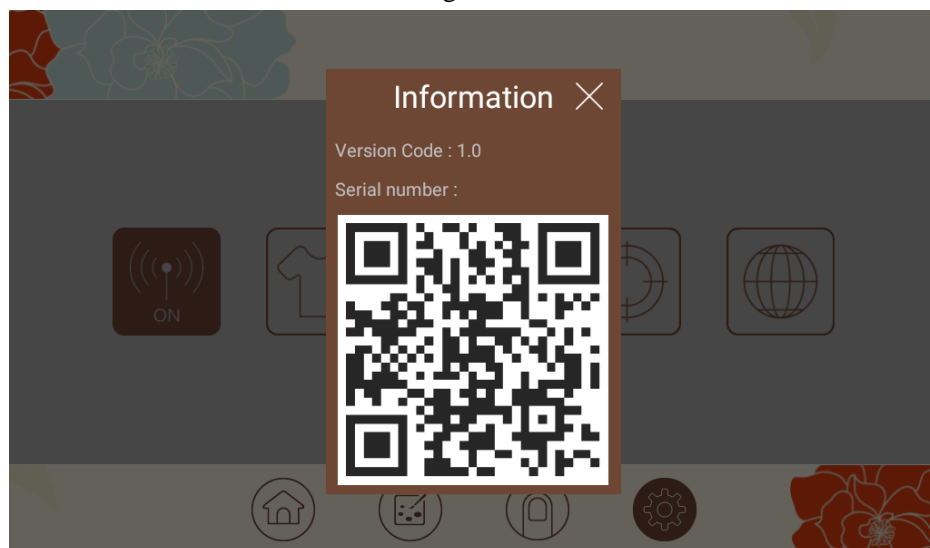



Figure 13



(2) Theme Modification: Press  and enter the theme interface to modify the theme. At present 3 types of themes are provided, including red, blue and brown, as shown in Figure 14. Red theme is shown in Figure 15. Blue theme is show in Figure 16.

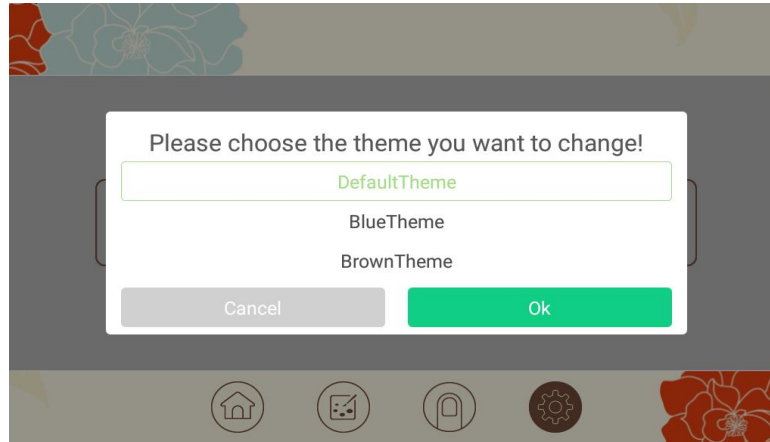


Figure 14

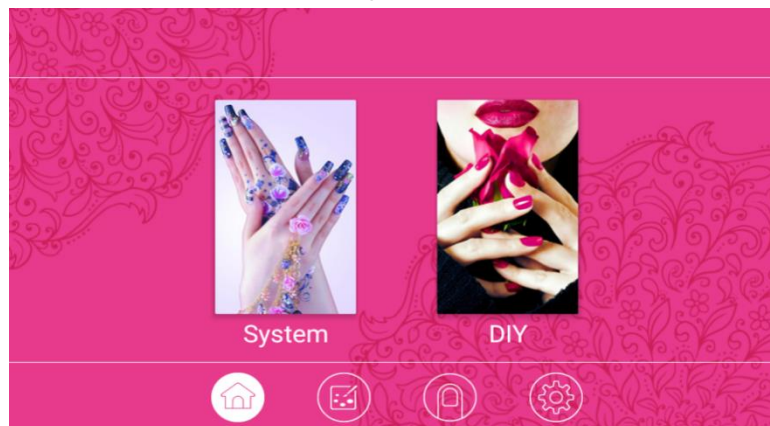


Figure 15

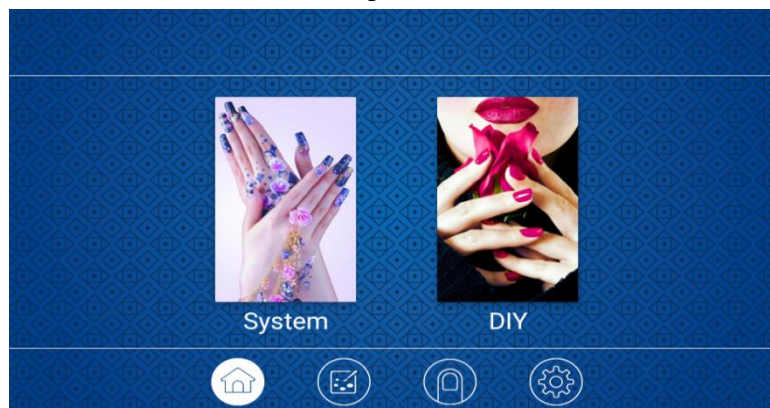



Figure 16





(3) Cache Cleanup: Press  to clean picture cache, including DIY patterns and uploaded pictures. They can be cleared separately or simultaneously, as shown in Figure 17.

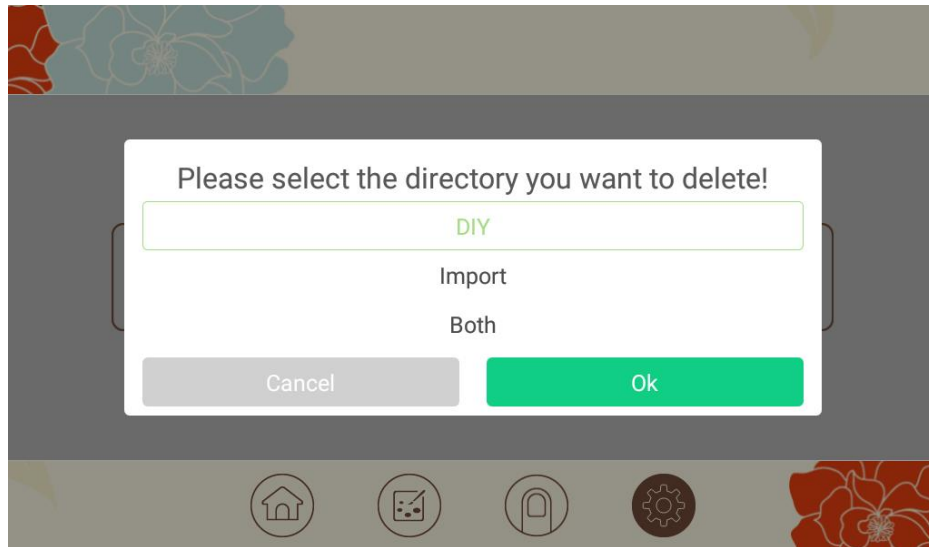



Figure 17

(4) Background Calibration Interface:



Press  and enter your password in the login interface, as shown in Figure 18. The initial password of super user is "888888", modification is unavailable. The initial password of average user is 123456, changeable by super user.

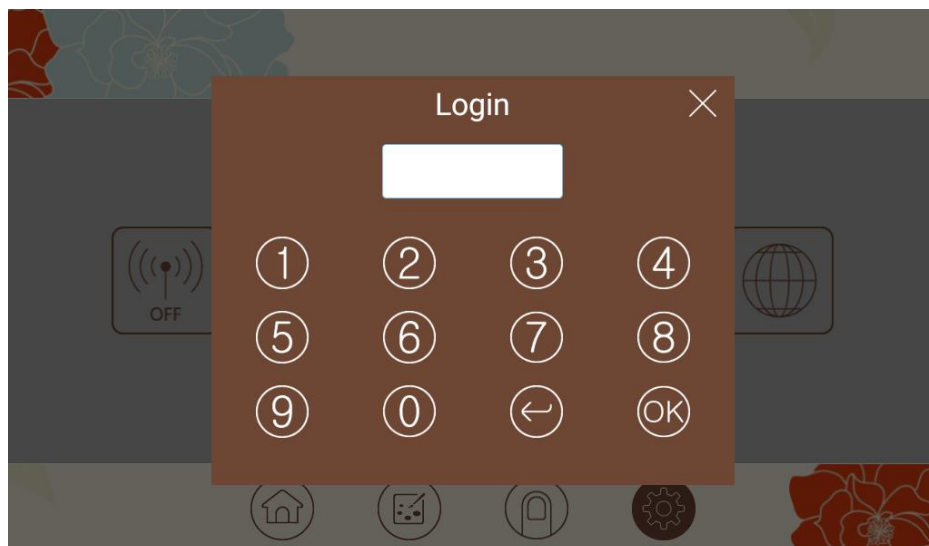


Figure 18

After authentication, the super user enters the background management interface, as shown in Figure 19.

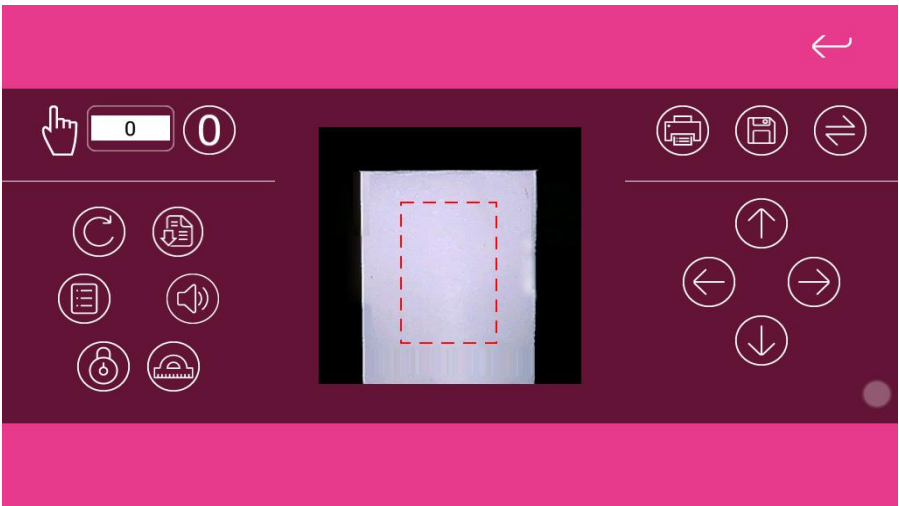





Figure 19

**Calibration Method:**

Put the white test card into the fitment and press  to print a box in black solid line, to coincide with the red dashed line box on the screen. If there is deviation of the two boxes, as shown in Figure 20, drag the sides or corners of the dashed red box by pressing these four keys  to achieve coincidence, as shown in Figure 21. Press  to save the calibration.

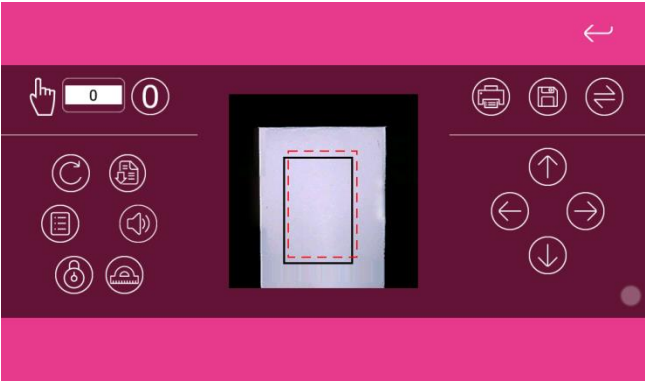


Figure 20

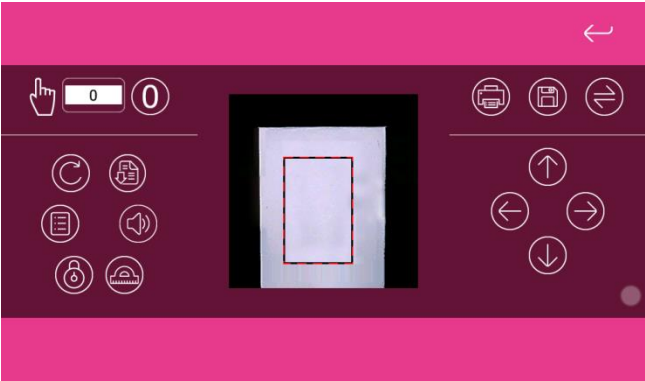





Figure 21

## Instruction of keys:


: Record of Printing Times and Reset (Only for Super user)


: Restoration of Factory Parameters (Only for Super user)


: Preservation of Factory Parameters (Only for Super user)

: Printing of Error Log Record

: Volume Control

: Password Modification for Average User (Only for Super user)

: Modification of Printing Picture Parameter, including Saturation, Brightness and Contrast Ratio  
(Default Values are 1.0, 5.0 and 1.0 respectively.)

: Black Box Printing

: Preservation of Calibration

: Printer Reset (Ink Cartridge Change and Partial Debugging)

: Adjustment of Dashed Red Box.

#### FCC Warning

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions

- (1) this device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

Note 1: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Note 2: 1.Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

2. The minimum separation generally be used is at least 20 cm, even if the calculations indicate that the MPE distance would be lesser..