RT_Android_WIFI_SDK Demo User Manual

(1) Introduction

RT_Android_WIFI_SDK is provided by Xiamen Rongta Technology Co., Ltd. which is the software development kit for the printer secondary development in the Android system. The software and the printer are communicated via WIFI.

(2) RONGTA SDK System Function

RT_Android_WIFI_SDK offer WIFI connection, character printing and graphics printing etc, which offer complete mobile printing processing function, covering the printing needs of the vast majority users. It can print times higher, times wider, bold font, underline, highlight, different font sizes and so on, and also has basic character printing, graphics printing, barcode printing and other functions. Android programmers can easily progress secondary development by reading RT_Android_WIFI_SDK development document and refer to RT_Android_WIFI_SDK Demo program.

(3) RT_Android_WIFI_SDK Software Introduction

1. Software Name:

com.RT_Printer.WIFI

2. Class Library Name:

Class Name	Discription
WifiPrintDriver	WIFI connection with the operation of the printer

More details please refer to RT_Android_WIFI_SDK development document.

(4) RONGTA SDK Application Introduction

To use the Development Kit, firstly the user should establish the development environment of Android (JDK+Eclipse+Android SDK), then right-click the project to select "Propertise" in the user application program. Select "Add External JARs ..." in the "Libraries" tab at "Java Build Path", add RT_Android_WIFI_SDK.jar to the application program. Then add a reference in the program:

import com.RT_Printer.WIFI.WifiPrintDriver;

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1. The installation of Demo Program

Copy the WifiPrinterDemo.apk to the SD card of the phone or tablet PC with the Android operating system, open the file and click "Install". After the installation is completed, the user can see the WIFI Mobile Printer icon in the list of application program on the phone or tablet PC.

2. Demo Operation Interface and Using Introduction

In the application program list, click the WIFI mobile printer program icon to launch the Demo program, start interface is shown as Figure 1:
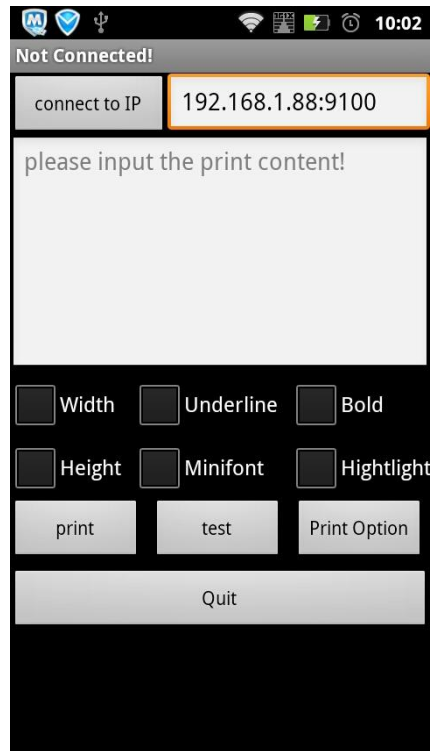

Figure 1

It is unconnected state at this moment. Before connecting, you need to ensure the wireless network of your phone or tablet PC is in connected state. Then enter the printer's IP address and port number in the right input box of the button "Connect to IP", click the "Connect to IP". After successful connection, the interface would be shown as Figure 2.
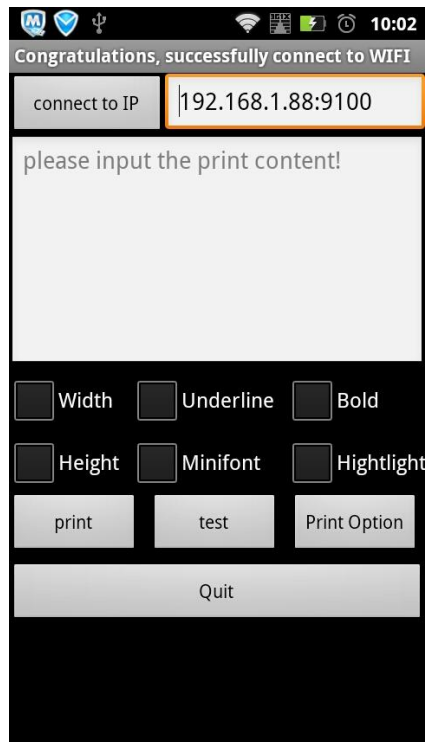
Figure 2

After successful connection, the user can control the printer via the phone or tablet PC to print. Enter the print content in the print contents input box, click the "Print" button and then the contents will be printed out. You can also choose the box "Width, Height", "Underline" "Minifont", "Bold", "Highlight" to control the print mode.

Click the "Test" button, the printer would print the self-test page.

Click the "Print Option" button, the Print Option screen would be shown as Figure 3.
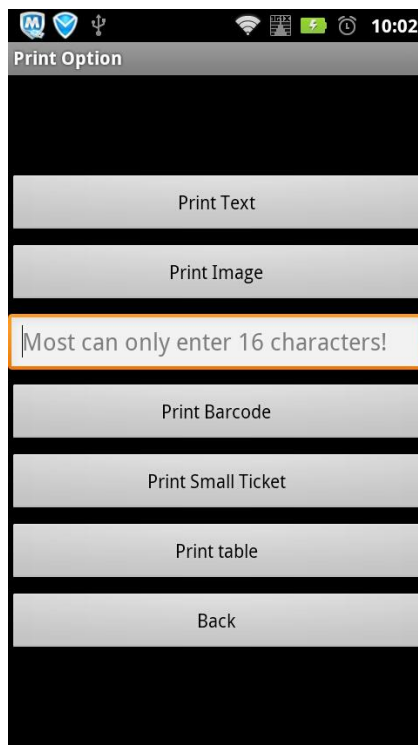
Figure 3

In the Print Option screen, contains multiple print functions.

Click the "Print Text", to print the demo text content.

Click the "Print Image", to print the demo picture.

Enter Bar code data in bar code input box, click "Print Barcode" to print out the needful barcode.

Click the "Print Small Ticket", to print the demo restaurant receipt.

Click the "Print table", to print the demo express form.

Click "Back" to return to the main program interface.