

DCcode[®]

DC3R

Direct Thermal Receipt/POS Printer

DCcode[®]



<https://dcodeinternational.com/>

TABLE OF CONTENTS

1- INTRODUCTION

2- FEATURES

3- APPEARANCE AND COMPONENTS

4- TECHNICAL SPECIFICATION

5- HOW TO LOAD MEDIA (THERMAL PAPER)

6- PRINTING SELF TEST PAGE

7- HOW TO USE WITH APPLICATION

8- DC3R PRINTING TOOL

9- HOW TO USE DC3R PRINTING TOOL

1. SHORT INTRODUCTION

The DC3R is the latest addition to DCode industry-leading POS/Receipt printer series.

Designed for use in variety of environments, the DC3R offers more speed, features and reliability than ever before.

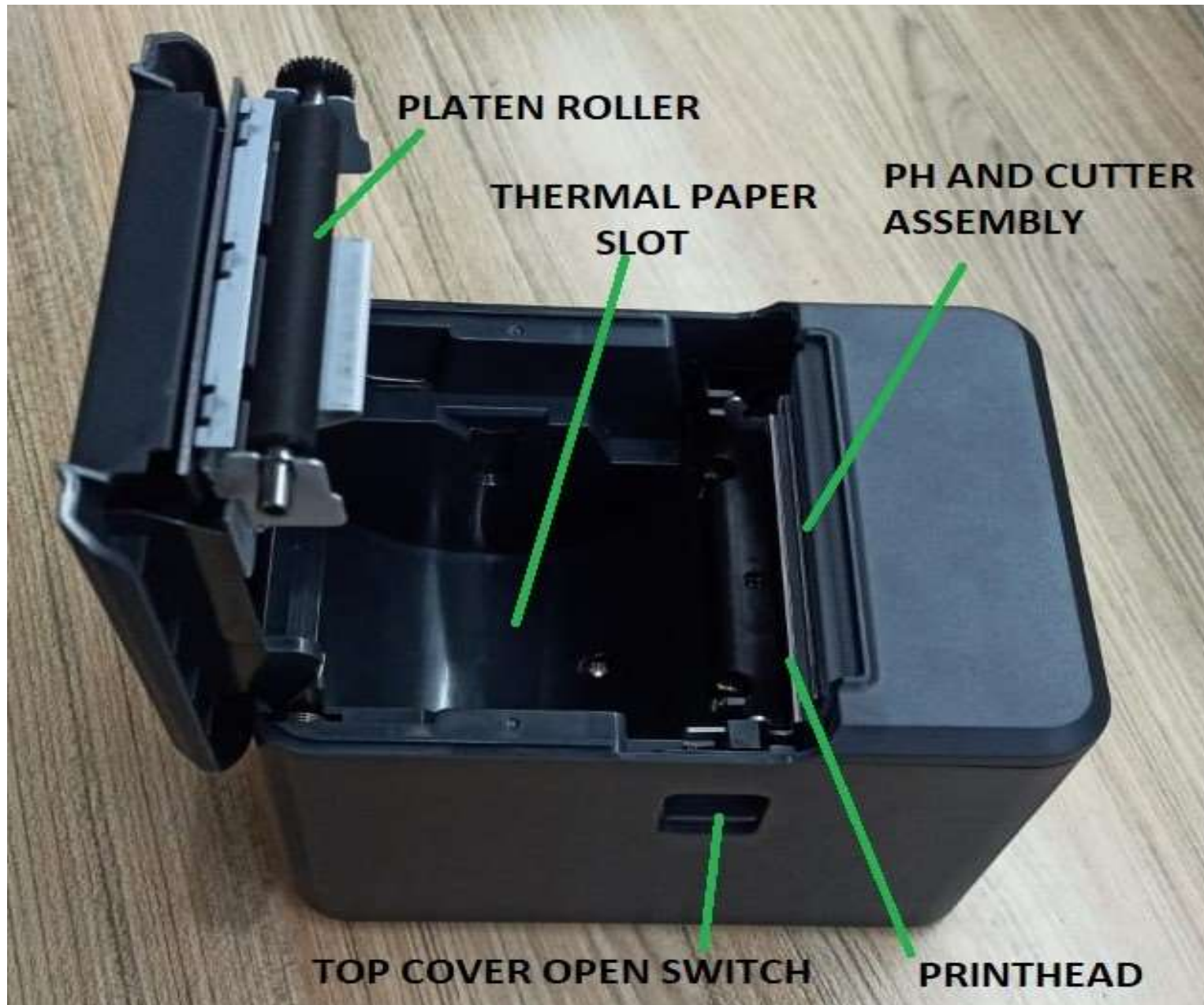
2. FEATURES OF DC 3R

- Fast and versatile printing up to 300mm/second.
- Same fast print speed for both text and graphics.
- Industry-first true grayscale printing of graphics.
- Best-in-class reliability with a MCBF of 70 million lines.
- Dual interfaces standard including built-in USB plus one UIB interface.
- Ease-of-use features including drop-in paper loading, autocutter and status LEDs.
- OS support for Microsoft® Windows 7, Vista, XP, 2000; Mac OS X v10.4, v10.5, v10.6 (Power PC/Intel Processor) and Linux.
- Low power consumption, multiple configuration are ENERGY STAR qualified.
- Handles 80 or 58mm paper roll sizes.
- Features print options to reduce paper usage.
- Improved cover design protects against foreign objects.

3- APPEARANCE AND COMPONENTS



INSIDE VIEW



4. TECHNICAL SPECIFICATION

Print	Printing Method	Direct Thermal
	Printing Speed	250mm/s
	Resolution	203dpi
	Effective Printing Width	72mm & 48mm
Character	Character Set	ANK,GB18030(Chinese)
	Print Font	ANK: 12 x24,9x17, Chinese: 24 x 24
	Character per Line	48-font A/64-font B
Paper Spec	Paper Type	Thermal paper
	Paper Width	80mm & 58mm
	Paper Roll Diameter	Max: 80.0mm
Paper Supply Method		Drop-in paper load
Reliability	MCBF	60 million lines
	Auto Cutter	1 million cuts
	TPH	100km
Barcodes	UPC-A, UPC-E, EAN-13, EAN-8, CODE39, ITF, CODEBAR, CODE93, CODE128	
Emulation		ESC/POS
Driver		XP,Win7,Win8,Win10,iOS, Android, Linux, MacOS
Sensor		Paper End Sensor, Paper Near End Sensor(Optional)
Drawer Port		RJ11
Interface		USB/ETHERNET
Network	Wire	TCP/IP Ethernet interface (10M/100M)
Power Supply (Adapter)		AC100 ~240V(± 10%) DC 24V, 2.5A
Auto Cutter	Type	straight knife
Physical	Printer Dimension (WxLxH)	156*125*120mm

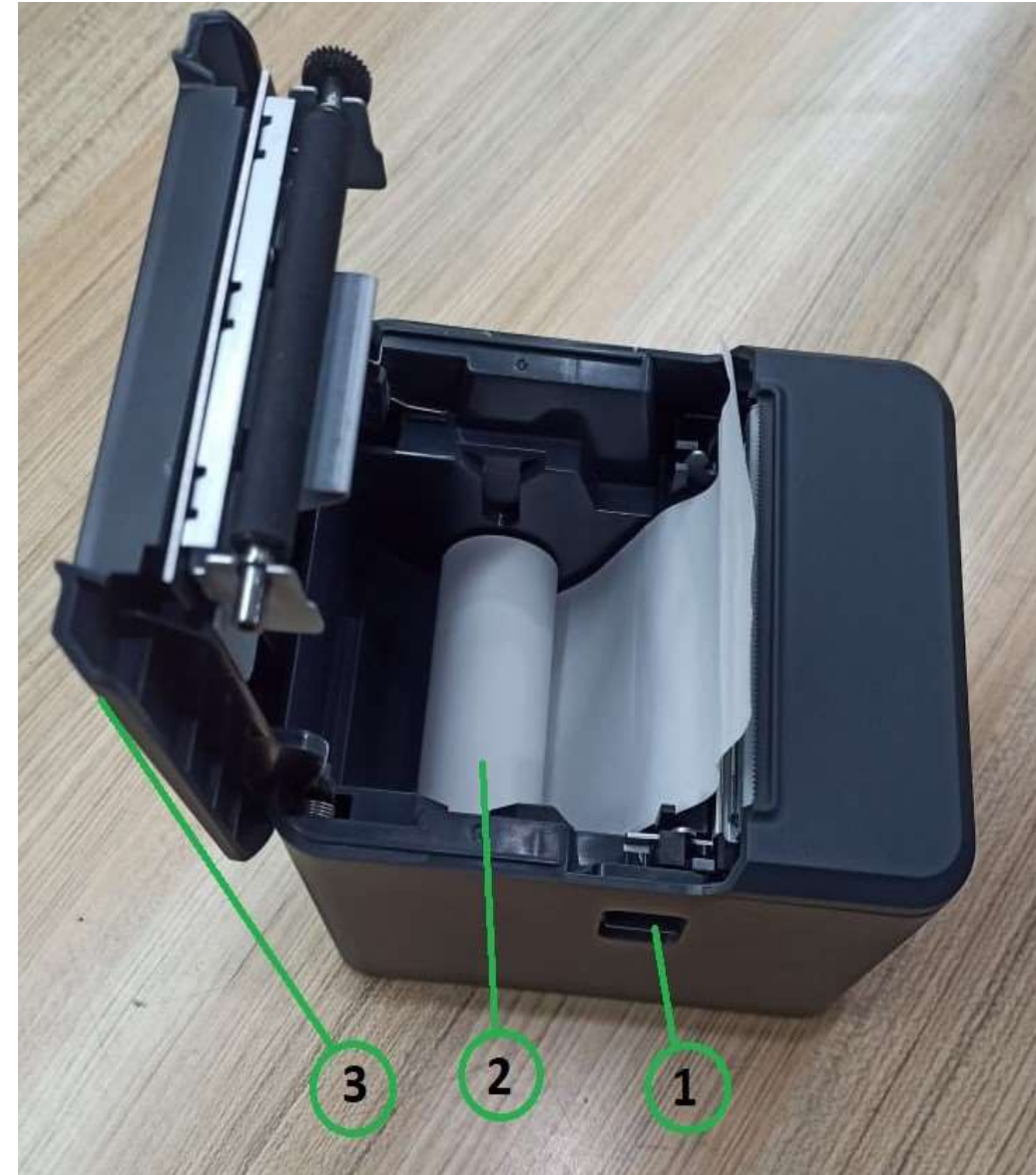
5. HOW TO LOAD MEDIA (THERMAL PAPER)

Follow the below step to load the media -

STEP 1- Open the top cover by pressing the 'Top cover open switch'.

STEP 2- Take a Thermal Paper Roll and place it in 'Thermal Paper Slot'. Ink coated side of paper should be print head side.

STEP 3- Close the 'Top Cover' of printer.



STEP 3- A test page will print out.



Follow the below step to use the printer-

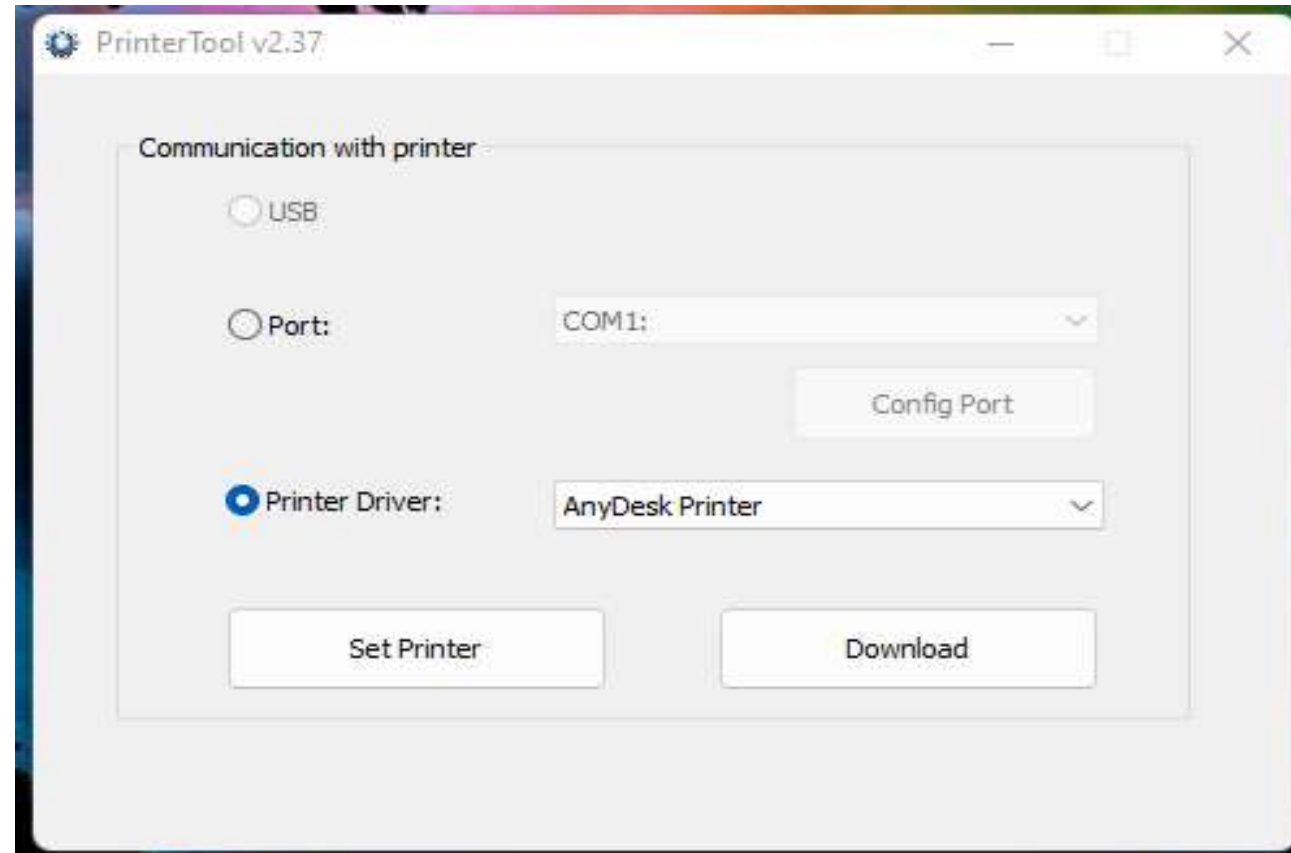
- 1. Download the driver from link -
<https://dcodeinternational.com/downloads/>**
- 2. Connect the power adapter and USB cable, Install the driver in PC same like other printer's driver.**
- 3. Go to 'Devices and Printers' and give a test print from 'Driver Icon' to make sure that driver is installed properly.**
- 4. Now right click on 'Driver Icon' and click on 'printing preferences'- Advance – select here paper setup from 'Paper Size' Option. In most cases you can select 'Printer3 80(72.1) X 297 mm'.**
- 5. Now go to you Application and make a bill or any other matter which you want to print and give print command by selecting 'DC3R' printer.**

8. DC3R PRINTING TOOL

This tool is similar to DCode Label printer tool and you can set many printer parameter with the help of this tool like configure IP Address, Buzzer settings and many more.

Download link - <https://dcodeinternational.com/downloads/>

Have a look to below snap -



HOW TO USE DC3R TOOL

- Download the 'DC3R Printing Tool' from provide link and open the same.
- Click on 'Set Printer' option and you will get here many option.
- You can set parameter here according your need and also you can print self test page from here.

Set Printer

Base Ethernet Wifi Bluetooth setting BlackMark RPP Heat Time 2D Barcode Serial

Code Page: CP437 [U.S.A., Standard Europe]

Baud Rate: 19200 Parity: None

Character: Font-A ☒ Buzzer ☒ Drawer ☒ Cutter

Density: Normal ☐ Buzzer After Print

Char Per Line: 48 ☐ Auto Reprint The Last Receipt

Set

Self Test

IP CONFIGURATION

- Open the 'DC3R Printing Tool' and click on 'Set Printer ' then go to 'Ethernet' option and Select 'IP' option.
- Now enter IP Address manually according your network and Click on 'Set'.

The screenshot shows the 'Set Printer' dialog box with the 'Ethernet' tab selected. The 'IP' configuration section is active, showing fields for IP address, Sub Mask, GateWay, Port, and DHCP settings. The IP address is set to 192.168.1.87, Sub Mask to 255.255.255.0, and GateWay to 192.168.1.1. The Port is set to 9100. The DHCP section is set to 'Disable'. The MAC address is set to 00:00:00:00:00:00 and the Duplex Mode is set to 100Mbps Full Duplex. There are 'Set' buttons for each of these sections.

Set Printer

Base Ethernet Wifi Bluetooth setting BlackMark RPP Heat Time 2D Barcode Serial

☒ IP ☐ DHCP

IP: 192 . 168 . 1 . 87 Port: 9100 Set

Sub Mask: 255 . 255 . 255 . 0

GateWay: 192 . 168 . 1 . 1

DHCP: Disable Set

MAC: 00 00 00 00 00 00 Set

Duplex Mode: 100Mbps Full Duplex Set

