

POSPrinter OPOS Driver

---USER MANUAL---

Introduction

POSPrinter OPOS driver Compatible with OPOS 1.14.1

- 1) Support all 80mm printers
- 2) Port:
USB /RS232C /Ethernet

This software package offer OPOS to POS printer,main function as below:

OPOS Registrar related files and OPOS driver files:

RegComSvr.exe

Register.bat

Include*

Common*

OPOS configuration tools and test tools:

OPOS_PrinterConfigTool.exe

OPOS_PrinterTest.exe

Image*

PS:

Image directory for the test tool to read the print pictures, if you want to replace the picture, please rename the picture file to <Image> suffix can remain unchanged, the picture format support:

.png

.bmp

.jpg

.pcx

.gif

.ico

.tif

.tga

.raw

.psd

1. Operating environment

2.1 Operating system requirements

This software supports the following x86 architecture operating systems.

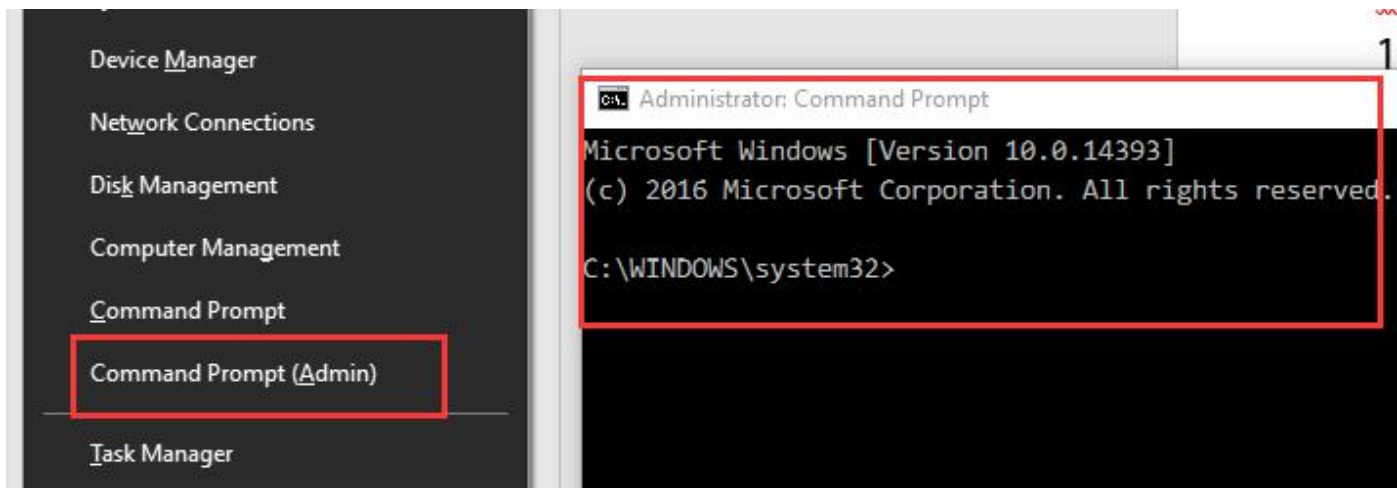
- Windows 10 64
- Windows 10 32
- Windows 8.1 64
- Windows 8.1 32
- Windows 8 64
- Windows 8 32
- Windows 7 64
- Windows 7 32
- Windows XP 32

2.2 Drive and Configuration Tool Runtime Requirements

In the registration of OPOS Driver driver files windows 7 and above the operating system must have administrator privileges

2. OPOS Registration

- 1) The POSPrinter OPOS driver needs to register all * .dll files in the Common with the * .ocx file.
- 2) Run the "cmd" command line with administrator privileges:



- 3) Then enter the package directory and execute the Register.bat command, and execute the command as follows and register the OPOS driver and service

```
Administrator: Command Prompt

Directory of X:\OPOSPrinterS0_Beta02

10/24/2016  21:13    <DIR>        .
10/24/2016  21:13    <DIR>        ..
10/22/2016  16:00    <DIR>        Common
10/24/2016  20:54    <DIR>        Image
10/22/2016  15:18    <DIR>        Include
10/24/2016  20:53             3,345,408 OPOS_PrinterConfigTool.exe
10/24/2016  20:53             3,898,880 OPOS_PrintingTest.exe
03/05/2008  03:00             86,016 RegComSvr.exe
10/24/2016  21:00             478 Register.bat
               4 File(s)          7,330,782 bytes
               5 Dir(s)    1,126,846,464 bytes free

X:\OPOSPrinterS0_Beta02>Register.bat
**
** Register or Unregister OPOS Common Control Objects.
** Run from a command prompt with administrator privileges,
** in the directory in which this batch file is located.
** Formats:
** Register      Register control objects.
** Register -u   Unregister control objects.
**
--} Press Control-Break to exit, or
Press any key to continue . . .

X:\OPOSPrinterS0_Beta02>RegComSvr.exe Common\OPOS*.ocx Common\OPOS*.dll

** RegComSvr 1.3 [3/2008 crm] **

File: Common\OPOS_Constants.dll
** Success: File registered.

File: Common\OPOS_Printer_S0.dll
* Removing previous entries from HKLM.
* Registering to HKLM.
** Success: File registered.

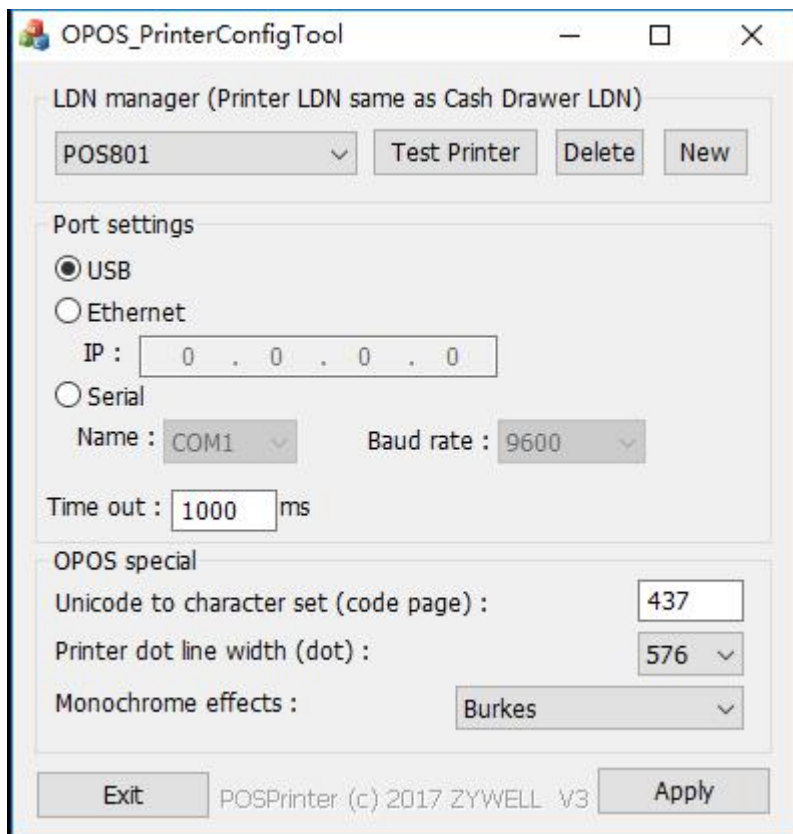
File: Common\OPOSPOSPrinter.ocx
* Removing previous entries from HKLM.
* Registering to HKLM.
** Success: File registered.

X:\OPOSPrinterS0_Beta02>rem ** End

X:\OPOSPrinterS0_Beta02>
```

3. OPOS configuration

Running OPOS_PrinterConfigTool.exe with Administrator :



4.1 LDN manager :Logic Device Name

- 1) Drop-down list: Select the existing OPOS configured LDN
- 2) Test Printing : Test the selected LDN and call the test program
- 3) Delete : deletion the selected LDN
- 4) New : create an LDN function

4.2 Port settings: Communication port settings

USB:

Just select the USB ,it will recognize the printer automatically

Ethernet:

IP: Fill in the IP address,make the printer communicate with PC

serial:

Name: Select the serial port name

Baud rate: select baud rate(9600, 19200, 38400, 11520)

4.3 OPOS special : OPOS Drive feature configuration

1) Unicode to character set:

OPOS The driver uses the UNICODE encoding mechanism, which will specify the corresponding conversion code page

That is, the UCICODE target language code page

For example: (depending on the printer support function)

936 gb2312 Simplified Chinese(GB2312) *

437 IBM437 OEM USA

2) Printer dot line width (dot):

Support 576 and 640(Note: Pair with the actual printer)

3)Monochrome effects :

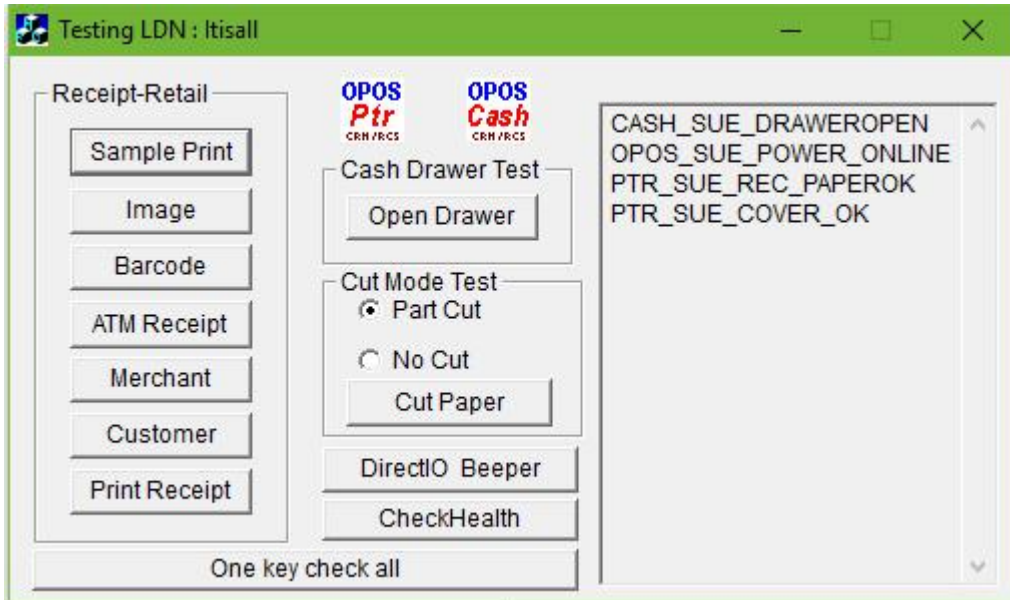
Supports up to 10 different conversion algorithms

4.3 Apply

Apply all settings and make them work

4. OPOSPrinter Test

By configuring OPOS, click <Test Printing> to open the test interface



- 1) 1) If the printer is connected correctly, click the appropriate button to test the different functions
- 2) The right side of the dialog will display the status information of the printer in real time

5. Others

The software is mainly based on UnifiedPOS standard development, detailed and detailed OPOS programming please refer to UnifiedPOS issued programming reference manual. Please visit: <http://www.monroecs.com/posstandards.htm>

Appendix A

When using the PrintBarCode method, the following barcode types are supported:

PTR_BCS_UPCA,
PTR_BCS_UPCE,
PTR_BCS_JAN8,
PTR_BCS_JAN13,
PTR_BCS_ITF,
PTR_BCS_Codabar,
PTR_BCS_Code39,
PTR_BCS_Code93,
PTR_BCS_Code128,
PTR_BCS_QRCODE,---*1
PTR_BCS_PDF417 ----*2

Note:

* 1, * 2 When using these two types, the size setting parameters will not work, but must be set to normal print range

1. When sending "text" by default, the default parameters are used to generate QRCODE. To set the cell size and error level of QRCODE, use the following format:

Hexadecimal 1b N1 N2 "text"

N1: Unit point size

N2: Correction level

For details, refer to the QRCODE documentation in the printer programming manual

2. By default, "text" will be used, will use the default parameters to generate PDF417, to set the relevant parameters of PDF417, please use the following format

Hexadecimal 1b N1 N2 N3 N4 N5 N6 N7 "text"

N1: number of columns

N2: number of rows

N3: width

N4: line high

N5: Correct the level description type

N6: Correct the level value

N7: Set / cancel truncation mode

For details, refer to the PDF417 instructions in the printer programming manual