OPOS Driver User Manual

Introduction

OPOS driver is compatible with OPOS standard version 1.14.1.

1. Support these communication interfaces:

    USB

    Serial

    Ethernet

2. Support OPOS_Printer and OPOS_CashDrawer.

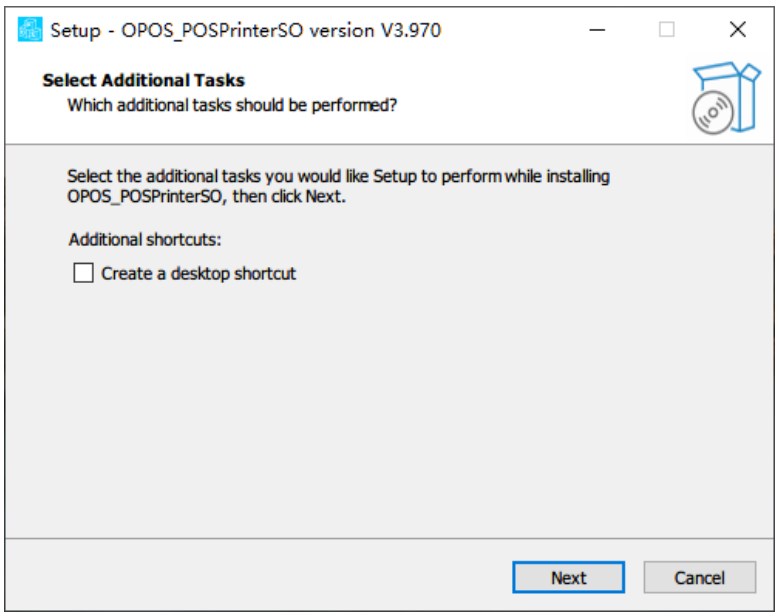
3. The following x86 structured systems are supported.

    Windows 11, Windows 10, Windows 8.1, Windows 8, Windows 7, Windows XP.

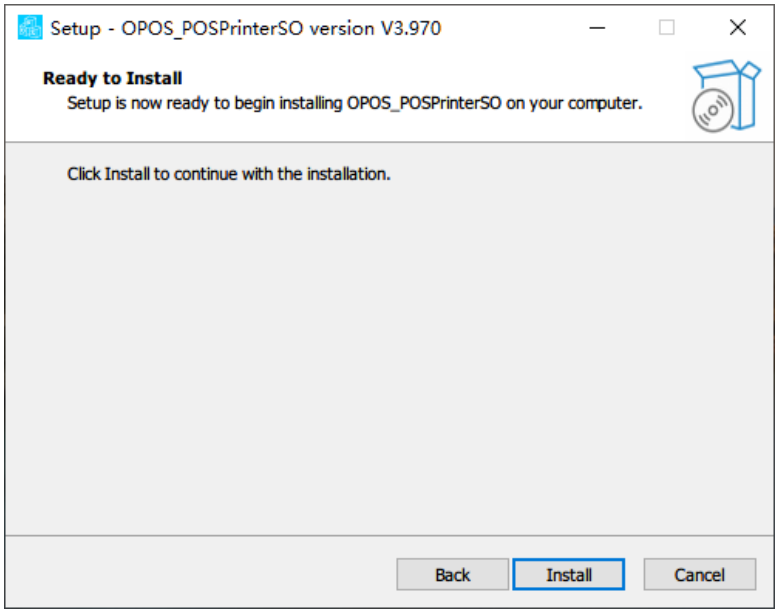
Installation

Run OPOS_POSPrinterSO V***.exe to install OPOS driver.

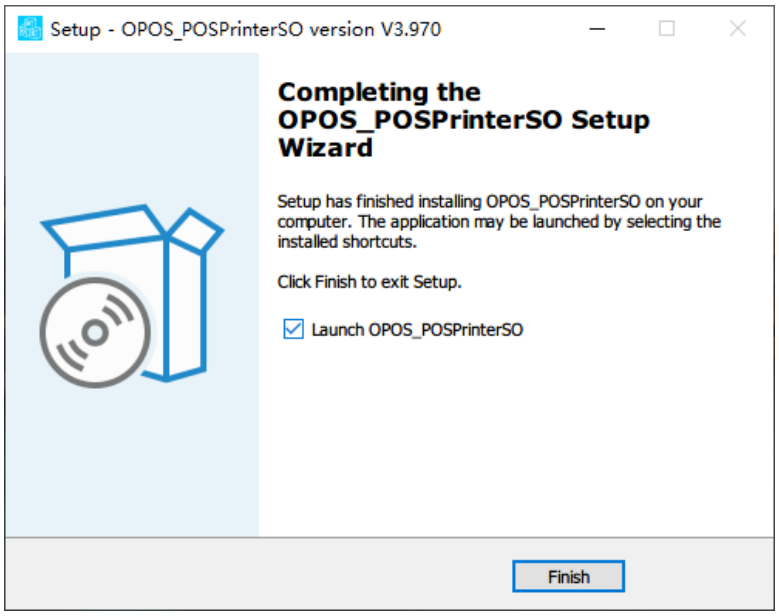
1. If you need a desktop shortcut, then select “Create a desktop shortcut”, then Click “Next”.



2. Click “Install”.

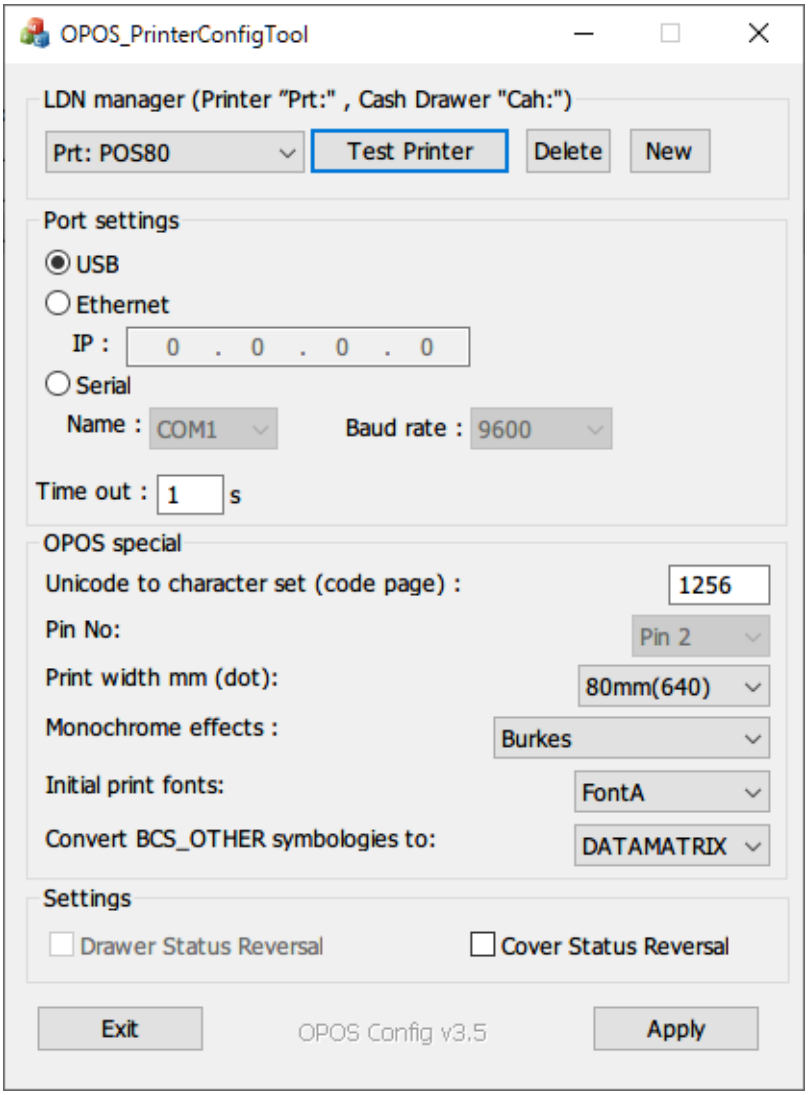


3. Click “Finish”, it will open OPOS driver config tool.



OPOS Driver config tool

Open OPOS driver config tool, you will see the following window.



1. LDN manager :Logic Device Name management

1) Drop-down list: Select the existing OPOS configured LDN

2) Test Printing : Test the selected LDN. It will open the testing program.

3) Delete : Delete the selected LDN

4) New : Create a new LDN

2. Port settings: settings of communication ports.

USB:

Select USB option and it will identify the printer automatically.

Ethernet:

IP: Printer IP address which could be communicated.

serial:

Name: Select the serial port name

Baud rate: Select the baud rate of the serial port (9600, 19200, 38400, 11520)

3. OPOS special : OPOS Driver features configuration

1) Unicode to character set:

OPOS driver is using UNICODE encoding, need to set printer codepage, it can check the codepage on the selftest page, the following is part of codepage.

Language / country	**Code page name**	**Printer Corresponding codepage number**	**OPOS codepage setting**
English	PC437	#0	437
Greek / Greece	PC737	#64	737
Multilingual LatinI / English country (United Kingdom, Ireland, and Canada etc.)	PC850	#2	850
Latin / Bosnian, Croatian, Czech, Hungarian, Polish, Romanian, Serbian, Slovak or Slovene	PC852	#18	852
Turkish / Turkey	PC857	#61	857
Latin / Western European	PC858	#19	858
Brazilian / portuguese	PC860	#55	860
Israel / Hebrew	PC862	#62	862
French /Canada	PC863	#57	863
Arabic / Egypt, Iraq, Jordan, Saudi Arabia, and Syria	PC864	#63	864
Nordic / Denmark and Norway	PC865	#58	865
Cyrillic / Russia	PC866	#59	866
Latin / Eastern European (Polish, Czech, Slovak, Hungarian, Slovene, Serbo-Croatian, Romanian, Albanian and German etc)	WPC1250	#72	1250
Cyrillic / Russian, Ukrainian, Belarusian, Bulgarian, Serbian Cyrillic, Macedonian	WPC1251	#73	1251
Latin / Spanish, French, and German	WPC1252	#16	1252
Greek / Greece	WPC1253	#7	1253
Israel / Hebrew	WPC1255	#8	1255
Arabic, Persian and Urdu / Middle East	WPC1256	#33	1256
Baltic / Estonian, Latvian and Lithuanian	WPC1257	#25	1257
Simplified Chinese	GB18030	/	936
Traditional Chinese	Big5	/	950
Japanese(Optional)	Shift-JIS	/	932
Korean(Optional)	KSC 5601	/	949

2) Pin No

For setting cashdrawer pin out setting, it can set pin2 or pin5.

3) Printer dot line width (dot): Dots per line

Support 48mm, 72mm, and 80mm.

4)Monochrome effects : the conversion algorithm of monochrome image

Support 10 different conversion algorithms.

5) Initial print fonts

Printing font setting, it can set font A or font B.

6) Convert BCS_OTHER symbologies

When using the UnifiedPOS PTR_BCS_OTHER method, the specified QR code will be printed.

4. Settings

1) Drawer Status Reversal

When querying the cash drawer status, the open or closed state of the cash drawer will be displayed in reverse.

2) Cover Status Reversal

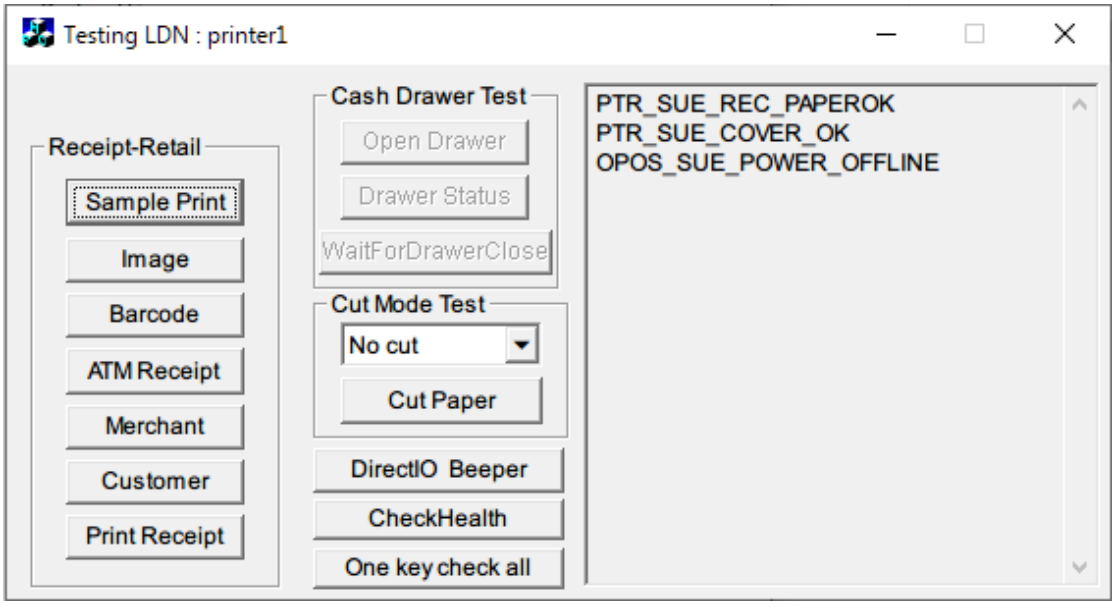
When querying the cover status, the open or closed state of the cover will be displayed in reverse.

5. Apply

Apply all the settings.

6. OPOS Printer Printing Test

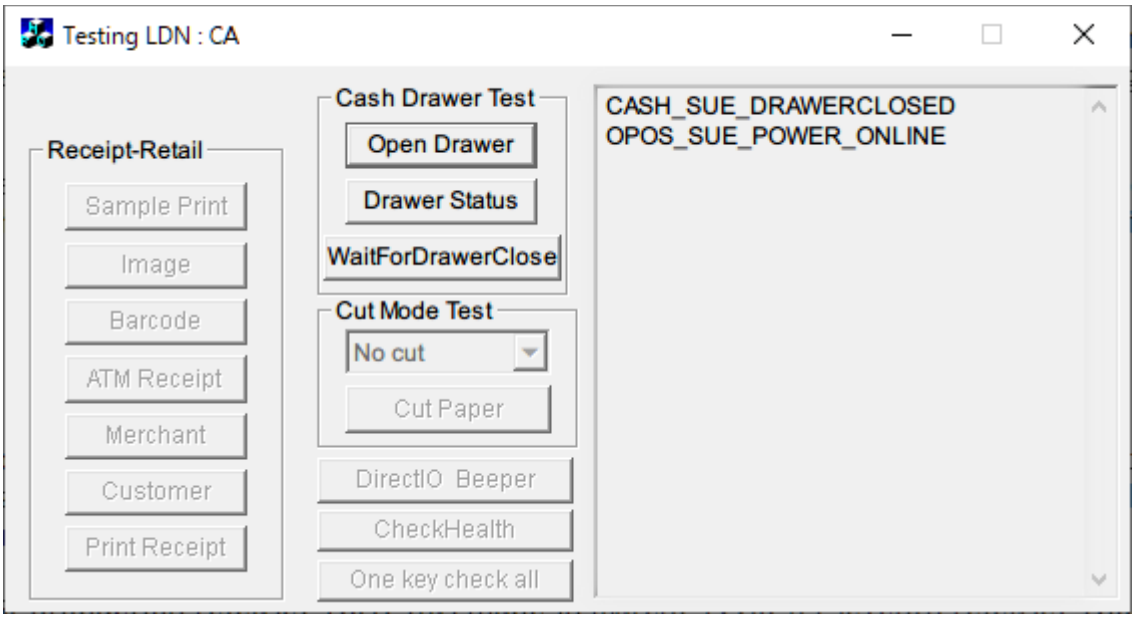
After the configuration of OPOS LDN, click “Test Printing” to open the testing window.



1) Click the buttons to test the functions when printer is connected correctly.

2) It will show the real-time status of the printer on the right side.

7. OPOS Printer Printing Test



It can test the drawer and read the drawer status.

Other

This software is mainly developed based on the UnifiedPOS standard. For more details of the OPOS programming, please refer to the programming reference manual by UnifiedPOS. Please visit http://www.monroecs.com/posstandards.htm for more information.

Appendix

When using PrintBarCode method, it support the following barcode types:

```
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:

When using *1 and *2, the printing size setting will take no effect but it should be set within the normal printing size range.

1. In default setting, when you send "text", it will generate the QRCODE with the default parameters. If you need to set the unit size of QRCODE and error correction level, please us the following format:

HEX: 1b N1 N2 "text"

N1: Unit dot size

N2: Error correction level

For more details please refer to the programming manual of the printer, check it in the QRCODE part.

2. In default setting, when you send "text", it will generate the PDF417 with the default parameters. If you need to set the parameters of PDF417 and error correction level, please us the following format:

HEX: 1b N1 N2 N3 N4 N5 N6 N7 “text”

N1: Row number

N2: Line number

N3: Width

N4: Line Height

N5: Error correction description type

N6: Error correction level value

N7: Set/cancel truncation mode

For more details please refer to the programming manual of the printer, check it in the PDF417 part.