Windows Driver Manual

POS80 Series

Rev. 1.1

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1. Manual Information

This Windows Driver Installation Manual provides information on installation, detailed specifications, and usage of the printer's Windows Driver according to PC operating system (OS).

We maintain ongoing efforts to enhance and upgrade the functions and quality of all our products. As follows, product specifications and/or user manual content may be changed without prior notice.

2. Operating System (OS) Environment

The following operating systems are supported for usage.

- Microsoft Windows 10 (32 bit/64 bit)
- Microsoft Windows 8 (32 bit/64 bit)
- Microsoft Windows 7 SPI (32 bit/64 bit)
- Microsoft Windows Vista SP2 (32 bit/64 bit)
- Microsoft Windows XP Professional SP3 (32 bit)
- Microsoft Windows Server 2012(64 bit)
- Microsoft Windows Server 2008 R2
- Microsoft Windows Server 2008 SP2(32 bit/64 bit)
- Microsoft Windows Server 2003 R2 SP2(32 bit/64 bit)

3. Windows Driver Preparation

The Windows Driver is included in the enclosed CD. The installation file name is POS Printer Driver-v-X.X.X.X.exe eg : POS80 Printer Driver-v-2.6.4.0.exe

4. Windows Driver Installation

Warning:

Under different operating system, the screen has slight difference. Please operate it according

to the tips. Take POS80D (Windows 7) as example.

- (1) Double click Windows Driver.
- (2) Choose "I accept the agreement" and click
- (3) "Next".

Setup - POS Printer Driver v2.6.4.0	X
License Agreement Please read the following important information before continuing.	
Please read the following License Agreement. You must accept the terms of this agreement before continuing with the installation.	
CAREFULLY READ THE FOLLOWING LEGAL AGREEMENT. THE SOFTWARE PROVIDED WITH THIS AGREEMENT (THE "SOFTWARE") IS LICENSED AND ITS USE IS SUBJECT TO THE TERMS AND CONDITIONS BELOW. IF YOU DO NOT AGREE TO THE TERMS OF THIS AGREEMENT, PROMPTLY DESTROY THE SOFTWARE AND DOCUMENTATION.	
1. LICENSE GRANT This software is only to be used with the equipment for which it has be made. My company grants to you a non-exclusive, non-transferable right to use the	
SOFTWARE on the computer(s) that will print to the thermal printer(s). This I accept the agreement I do not accept the agreement 	<u>*</u>
	ancel

(4) Click "Next"

Setup - POS Printer Driver v2.6.4.0	X
Select operation of install Please select the operation as you need.	
Install printer driver Please connect your printer to the PC and turn it on.	
< <u>B</u> ack Next >	Cancel

(5) Choose the matched type and port (USBxxx is for USB port, COMx is for serial port, LPTx is for parallel port). Choose the type and port of driver, such as "COM1" as port. Click "Next".

뉤 Setup - POS Printer Dri	ver v2.6.4.0	_ _ ×
Select the port of prin Select the default inst	nter driver allation port name of printer driver.	
TPVM: SHRFAX: COM1: COM2: COM3: COM4:	Printer Model: POS80D Pre-install Driver Name: POS80D	efault Printer
FILE: LPT1: LPT2: LPT3: XPSPort:	Baud Rate: 9600 Parity: NON Data Bits: 8 Stop Bits: 1	E
	Flow Control: NONE Add TCP/IP Port	
	< <u>B</u> ack <u>N</u> ext >	Cancel

NOTE: If printer is already connected with computer by USB port, it only needs to click "Install", then it will be installed automatically. Otherwise, proceed to the next step.



(6) Click "Finish". POS printer driver is installed successfully.

(7) After installation, the icon will be found in "Start" \rightarrow "Devices and Printers".

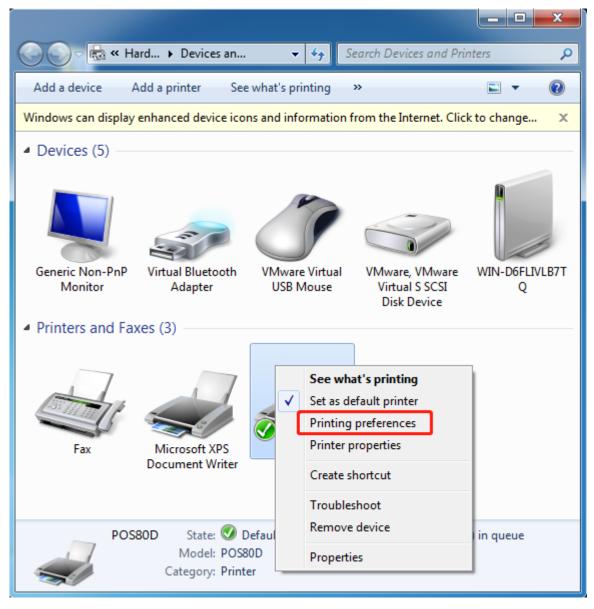


NOTE: If you already installed the driver (No matter what kind of port), when you connect the printer with computer, it will create a USB port automatically.

5. Detailed Windows Driver Setting

5.1. Printing Preferences

1. Click "Start" → "Devices and Printers". Right click "POS80D" and choose "Printing preferences".



 According to the different needs, choose "Paper"\"Offset"\"Rotate"\"Effect"\"Copies" in "Paper".

🖶 POS80D Printing Pre	ferences	×			
Page Watermark Ha	alftone Printer Set	ting Barcode About			
Paper Paper Name: Custom(72.0mm * 297.0mm) Manager					
Offset Horizontal: 0.0	mm Vert	tical: 0.0 🚔 mm			
Preview PRT ↑	Rotate 0° 90° 180° 270°	Effect Mirror Inverse Scale: 100 🔦 %			
Copies Copies: 1 Reverse Print Or	ler	Advanced			
L	ОК	Cancel Apply			

1) Paper

Paper Name:	Custom(72.0mm * 297.0mm)	•
	Custom(72.0mm * 297.0mm)	
	72mm * 297mm	
	72mm * 420mm	
	72mm * 3276mm	
Offset	48mm * 297mm	
	- 48mm * 420mm	
Horizontal: 0). 48mm * 3276mm	

2) Offset



•Click "Manager", add or delete paper.

Custom Paper Man		direct.	×
Custom Paper Lis	t		
			Delete
Custom Paper Op	tions		
Paper Name:			Save
Paper Width:	10.0	[10.0 - 600.0 mm]	
Paper Length:	10.0	[10.0 - 3276.0 mm]	
		ОК	Cancel

•Click "Advanced" to set "Save Paper"、 "Cut Paper"、 "Feed Paper"、 "Cash Drawer"、 "Custom Command"、 "Logo"、 "Buzzer"、 "Code Page".

1) Save Paper

Advanced Setting					-	×
Custom Comma	nd	Logo		Buzzer	Co	ode Page
Save Paper	Cut	Paper	Fee	ed Paper	Cas	h Drawer
© No	ne		O Bot	ttom		
() То	n		C Tor	_Bottom		
	-		0.4			
				ОК		Cancel

2) Cut Paper

Advanced Setting		-	×
Custom Command	Logo	Buzzer	Code Page
Save Paper C	Cut Paper	Feed Paper	Cash Drawer
Cut When:	End Document		•
Cut Mode:	Partial Cut		•
Cut Distance:	0.0 🚔 mr	n	
		ОК	Cancel

Advanced Setting			×
Custom Command Save Paper C	Logo Cut Paper	Buzzer Feed Paper	Code Page Cash Drawer
Cut When:	End Document	٩	·
Cut Mode:	Partial Cut None	۲	
Cut Distance:	Partial Cut Full Cut		
		ОК	Cancel

Cut Distance: 0/5/10/15/20mm (End Document)

3) Feed Paper

Advanced Setting	×
Custom Command Logo Buzzer Save Paper Cut Paper Feed Paper	Code Page Cash Drawer
Feed When: None	•
Feed Distance: 0.0 mm	
ОК	Cancel

Feed Mode: Feed Automatically/Cut Automatically/Cut Automatically Per Page/None Feed Distance: 0/5/10/15/20mm (End Document)

4) Cash Drawer

Advanced Setting	-	-		-	X
Custom Com		Logo	Buzzer Feed Paper		de Page Drawer
Save Paper Pulse		t Paper 225		x2 ms	
Cash Dra	wer 1 (2P)	IN): None	2	•	
Cash Dra	wer 2 (5P)	IN): None	2	•	
					-
L				ок	Cancel

Advanced Setting			-		×
Custom Commar Save Paper	nd Logo Cut Paper		Buzzer Feed Paper	Code Cash D	Page rawer
Pulse		225	V	x2 ms	
Cash Drawe		None		-	
Cash Drawe	r 2 (5PIN):	None None Start Do End Do	ocument cument	-	
			Oł		Cancel

5) Logo

dvanced Setting	-	-	-	•		x
Save Paper Custom Commar		t Paper Logo	Fee	d Paper Buzzer	Cash Dra Code Pa	
Print When Position - © Left © Center © Right	:	Start Docu Start Page End Page End Docum	ment	NULL	•	
				ОК	Ca	incel

Note: this setting need to be set in utility, here are the steps.

1) Open the utility and click "Manage Images".

Printer Utility Version 1.2.3.23		
Select Language		
Printer List:		
POS80D USB POS80D		Add Printer
		Modify Printer
		Delete Printer
		Connection Test
Functions		
Printer Test	Command	d Test
Manage Images	Download I Compatible	
Code Page Setting	Download	Fonts
Parameter Setting	Advanced Se	ettings
FW Update		Close

2) Click "Download".

Image List:	
	Print Alignment 🔹
	Download(D)
	Print(P)
	Delete Image(E)
	Delete All Images
	Refresh(R)

3) Click "Add" to add a logo. (BMP format is recommended)

Dov	vnload image	Tex. Agreent	×
	Download image		
	Select File(F):	Add(<u>A</u>) Delete(<u>D</u>)	
			Print preview
-	Note:Use the file order NO.	of the image as a built-in printer image number.	(Image space < {0}B)
	Sownload mode of G	☑ Print image after download is completed	ent 🔹
			Qlose

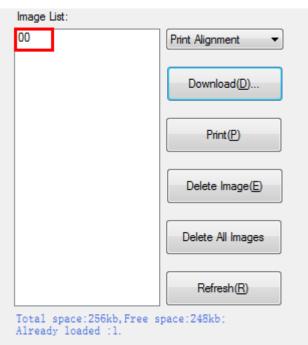
Download image		
Select File(F):	Add(A) Delete(D)	
C:\Users\Administrator\Desktop\02.bmp		
		Print preview
Note:Use the file order NO. of the image as a built-in printer	image number.	(Image space < 40960B)

4) Select the print location, and then click "Download mode of G". (Such as: left print)

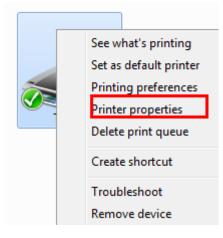
Download mode of G	er download is completed Print Alignment Print Alignment Left Centre Right
--------------------	--

5) Return to image list to view the image number.

Note: each time click "Download mode of G", an image list number will be generated.



6) Select Printer properties in Devices and Printers, then click "Preference".



e POS801	D Proper	ties						×
General	Sharing	Ports	Advanced	Colo	r Management	Security	About	
	[POS80D						
Locatio	on:							
Comm	ent:							
Model:		POS80D						
- Featu Colo	res r: No				Paper availab	le:		
Doul	ble-sided	l: No			Custom			
Stap	le: No				72mm * 297			E
Spee	d: Unkn	own			72mm * 420 72mm * 3270	5mm		
Maxi	mum re	solution	203 dpi		48mm * 297	mm		-
			Pr	r <u>e</u> fere	nces	Print	<u>T</u> est Pag	e
					ОК	Cancel		Apply

7) Click the "Advanced", then click "Logo".

🖶 POS80D Printing Pr	references	X
Paper Paper Name: Cu	Halftone Print	ter Setting Barcode About * 297.0mm) Manager
Offset Horizontal: 0.0	mm	Vertical: 0.0 🚔 mm
Preview PRT PRT Copies Copies Copies: 1 Reverse Print C	Rotate	Effect Mirror Inverse Scale: 100 v
	ОК	Cancel Apply
lvanced Setting	-	×
Save Paper Cu Custom Command	t Paper Logo	Feed Paper Cash Drawer Buzzer Code Page
Print When:	Start Docume	ent 🔹
 Left Center Right 	Key Code	48▼

Cancel

OK

Right

8) Set the printting time to print and click "OK". (Such as: Start Document)

Print When:	Start Document 👻
Position Left	Start Document Start Page End Page End Document
 Center Right 	

9) Return to the logo setting in driver, also select "Print left".

Print When:	Start Document 🔹		
Position Left Center Right 	Key Code	NULL	

10) Set the key Code according to the image number. (Such as: 0 0)

Key Code	
48	48
	0 •
Image List	Print Alignment
	Download(D)

11) Then click "OK".

🖶 POS80D Pri	nting Preference	s	X
Page Water	mark Halftone	Printer Setting Ba	arcode About
Paper			
anced Setting	e: Custom/72.0	mm * 207 0mm)	x
Save Paper Custom Command	Cut Paper	Feed Paper Buzzer	Cash Drawer Code Page
Custom Command		buzzei	code rage
Print When:	Start Docur	ment	•
Position	Key Code		
 Left Center 	48	48	
🔘 Right	0	• 0	•
		ОК	Cancel
		OK Can	cel <u>A</u> pply

POS80D Properties	×
General Sharing Ports Advanced (Color Management Security About
POS80D	
Location:	
<u>C</u> omment:	
Model: POS80D	
Features Color: No	Paper available:
Double-sided: No	Custom
Staple: No	72mm * 297mm
Speed: Unknown	72mm * 420mm 72mm * 3276mm
Maximum resolution: 203 dpi	48mm * 297mm 👻
Pr <u>e</u> f	erences Print Test Page
	OK Cancel Apply

12) Click "Print Test Page" to view the printting effect.

6) Buzzer

Advanced Setting	_		-	x
Save Paper Custom Command	Cut Paper Logo	Feed Paper Buzze		
Beep When: Buzzer Style Builtin External Buzzer ON/OFF	Start Documen Buzzer Option Times: Tone: Interval:		▼ sec sec	
Buzzer (ON		Buzzer	r(OFF)	ancel

Advanced Setting		_	X
Save Paper Custom Comman	Cut Paper nd Logo	Feed Paper Buzzer	Cash Drawer Code Page
Beep When: Buzzer Style	Start Documer Start Documer Start Page End Page End Document Tone: Interval:	it	
Buzzer ON/OF Buzzer (0		Buzzer(OFF) Cancel

Buzzer times: 0/1/2/3/4/5 Buzzer Duration: 0.0/0.5/1/1.5/2/2.5/3.0 Sec Buzzer Interval: 0.0/0.5/1/1.5/2/2.5/3.0 Sec Note: this setting must be operated in Utility.

7) Code Page

Advanced Setting		_	-		×
Save Paper	Cut	t Paper	Fee	d Paper	Cash Drawer
Custom Comman	nd	Logo		Buzzer	Code Page
CodePage:	PC4	37(std.Euro CodePage		•	
				OK	Cancel

3. Click "Watermark". Set watermark to print (BMP format is recommended) and click OK to save it.

Preview	Size	
Preview	Size	
	Density	Vertical • Center • Bottom

4. Click "Halftone" to set the halftone.

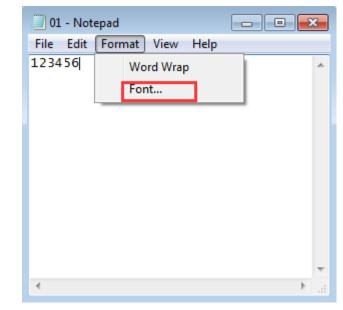
POS80D Printing	Preference	es		×
Page Watermark	Halftone	Printer Setting	Barcode /	About
Halftone				
			None	
	• 28.20 1		Disperse	
			Cluster	
			Error Dif	fusion
Brightness Light		0		Dark
		0	1 1 1 1	
		ок с	ancel	<u>A</u> pply

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POS80D Printing Preferences	
Page Watermark Halftone Printer Setting Barcode About	
Halftone	
None	
Disperse	
Cluster	
Error Diffusion	
Brightness Light 0 Dark	
OK Cancel Apply	

5. Set up the "Barcode"

Assuming the font type of the main document is "Italics", if you want to convert the data "123456" to the barcode printing, the steps are as follows:



• Sets the data "123456" font type to a different font from the main document. Such as: Arial.

Font:	
Arial	
Arial	*
Calibri	
Cambria	
Cambria Math	
Candara	
Comic Sans MS	-

• Open the Preference.

If the document is open, you can set it in the document: file-print-preferences.

New Ctrl+N Open Ctrl+O Save Ctrl+S Save As Page Setup Print Ctrl+P Exit
Save Ctrl+S Save As Page Setup Print Ctrl+P Exit
Save As Page Setup Print Ctrl+P Exit
Page Setup Print Ctrl+P Exit
Print Ctrl+P Exit
Exit
Print
Print
Print
Print
General Options
Opuons
Select Printer
POS80D
4
Status: Ready Preferences
Location:
Comment: Find Printer
Page Range
Selection Current Page
O Pages:
Print Cancel Apply

1) Add Barcode firstly.

🖶 Print	ing Preferenc	es			×
Paper	Watermark	Halftone	Printer Setting	Barcode	About
Nam	e		Symbology		
	Add Barc	ode	Edit Barcode	Deleta	e Barcode
				ОК	Cancel

2) Set the "Font Name" and the "Barcode Option".

Barcode	Setting					×
Font Font I	1 Name:	01]
Barcode		2 s symbology:	Code39			•
3、	Width:	Auto(3)	•	HRI Position:	Below Bars	-
	Height:	Auto(162)	•	HRI Font:	Auto	-
				Orentation:	0	-
Symbolo	gy Optior	ns				
	Model:	Auto	-	Cols:	Auto(0)	Ŧ
Error Cor	rection:	Auto	-	Rows:	Auto(0)	-
				ОК		Cancel

per	Watermark	Hairtone	Printer Setting	Barcode	About
Nam	e		Symbology		
01			Code39		

3) Click the "Printer Setting".

• Choose the "Display Language for Properties"

🖶 Printing Preferences						
Paper Watermark Halftone Printer Setting Barcode About						
Display Language for Properties						
English						
English Chinese-Simplified Font Japanese						
Eanble O Disable						
System Font Substitution Font						
Marlett ->						
Arial NULL						
Arial Baltic						
 ✓ III → Set 						
OK Cancel						

• Turn on the "Font Substitution", select the system text need to be replaced (for example, Arial), and then select the font you want to replace (for example, 01) and click Settings, and the replacement font will display "01".

the steps are as follows:

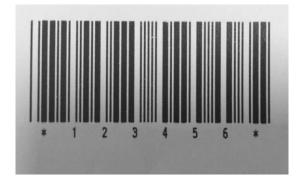
Paper	Watermark Halft		tting	Barcode	About
English 🔹					
Fo	nt Substitution				
Eanble Disable					
System Font Substitution Font Arial					
	Marlett			->	
	Arial Arabic Transparent			NULL	•
	Arial Baltic		-		
	< <u> </u>		•	Se	t

🖶 Prir	nting Preferences					
Paper	r Watermark Halftone Printer Setting Barcode About					
Display Language for Properties						
English 🔻						
Font Substitution						
	eanble Image: Disable					
1、	System Font Substitution Font Arial					
	Arial ->					
	Arabic Transparent Arial Baltic					
	< III > Set					
OK Cancel						

🖶 Pri	rinting Preferences	×					
Pape	er Watermark Halftone Printer Setting Barc	ode About					
D	Display Language for Properties						
	English						
-Fe	Font Substitution						
	Eanble Disable						
	System Font Substitution Font Aria	al					
	Marlett	->					
	Arabic Transparent						
	Arial Baltic	tA					
	01						
	2 _×						
	ОК	Cancel					

System Font	Substitution Font		Arial
Marlett		_	->
Arial			[]
Arabic Transparent			01
Arial Baltic		-	3、
	4		Set

🖶 Prin	nting Preferences
Paper	Watermark Halftone Printer Setting Barcode About
Dis	splay Language for Properties
	English 🔻
Fo	nt Substitution
	Eanble Image: Disable
	System Font Substitution Font Arial
	Marlett ->
	Arial 01 Arabic Transparent NULL
	Arial Baltic
	< □ Set Set
	OK Cancel



- If you do not have a barcode set, the action is as follows:
- 1) Suppose you change the size of the data "123456", for example:

Font					×
Font:		Font style:		Size:	
Arial		Bold		10	
Arial	*	Regular	<u>~</u>	10	•
Calibri		Italic		11 12	
Cambria		Bold		14	Ξ
Cambria Math		Bold Italic		16	
Candara		Black		18	
Comic Sans MS	-	Black Oblique	-	20	-

2) Set the Printing preferences.

🖶 Print	×
General Options	
Select Printer	
 ⊀ Status: Ready Location: Comment: 	<u>Pr</u> eferences Fin <u>d</u> Printer
Page Range	Number of <u>c</u> opies: 1
	Print Cancel Apply

- 3) Click the "Printer Setting".
- Choose the "Display Language for Properties".

🖶 Print	ting Preferences			
Paper	Watermark Halftone Printer Setting Barcode About			
Dis	Display Language for Properties			
	English			
For	English Chinese-Simplified nt Japanese			
	Eanble O Disable			
	System Font Substitution Font			
	Arial ->			
	Arial NULL			
	Arial Baltic			
	✓ III → Set			
	OK Cancel			

4) Turn on the "Font Substitution".

Font Substitution				
Eanble	O Disable			

5) Select the "System Font", for example: Arial.

Print	ting Preferences
Paper	Watermark Halftone Printer Setting Barcode About
Dis	play Language for Properties
	English 🔹
For	nt Substitution
	Eanble Disable
1、	System Font Substitution Font Arial
	Marlett ->
	Arabic Transparent NULL NULL
	< III > Set
	OK Cancel

6) Select the font to that you went to replace.

Printing Preferences
Paper Watermark Halftone Printer Setting Barcode About
Display Language for Properties
English
Font Substitution
Eanble Disable
System Font Substitution Font Arial
Arial Arial Baltic
2,
OK Cancel

7) Click "Setting".

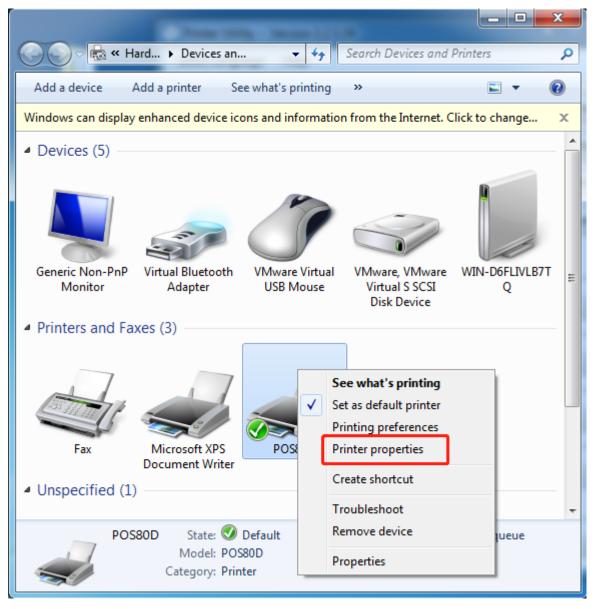
🖶 Printing Preferences 💽
Paper Watermark Halftone Printer Setting Barcode About
Display Language for Properties
English
Font Substitution
Eanble Image: Object of the second se
System Font Substitution Font Arial
Marlett ->
Arial Arabic Transparent
Arabic Transparent
< Ⅲ ► Set
3
OK Cancel

🖶 Prin	ting Preferences
Paper	Watermark Halftone Printer Setting Barcode About
Dis	play Language for Properties
	English
For	nt Substitution
	Eanble Image: Disable
	System Font Substitution Font Arial
	Arial FontA Arabic Transparent FontA
	Arial Baltic
	OK Cancel



5.2. Other Settings

1. Click "Start"→"Devices and Printers". Right click "POS80D" and choose "Printer properties".



2. Choose "General", click on "Print Test Page", then it will print the current settings.

POS80D Properties	×
General Sharing Ports Advanced C	Color Management Security About
POS80D	
Location:	
<u>C</u> omment:	
Model: POS80D	
Color: No	Paper available:
Double-sided: No	Custom
Staple: No	72mm * 297mm
Speed: Unknown	72mm * 420mm 72mm * 3276mm
Maximum resolution: 203 dpi	48mm * 297mm 👻
Pr <u>e</u> f	erences Print <u>T</u> est Page
	OK Cancel Apply

3. Setting the "Ports"

ROS80D Prop	perties		×		
General Sharin	ng Ports Advanced Co	olor Managemen	t Security About		
	POS80D				
Print to the for checked port	ollowing port(s). Docume :.	nts will print to	o the first free		
Port	Description	Printer			
LPT1:	Printer Port				
LPT2:	Printer Port		=		
EPT3:	Printer Port				
COM1:	Serial Port	POS80D			
COM2:	Serial Port				
COM3:	Serial Port				
COM4:	Serial Port		-		
Add P	or <u>t</u> <u>D</u> ele	te Port	<u>C</u> onfigure Port		
<u> </u>	lirectional support				
Enable pri	nter pooling				
	-				
	(ОК	Cancel Apply		

4. Click "Advanced" to set the printing time.

BOS80D Prop	perties 🛛 🔍			
General Sharin	g Ports Advanced Color Management Security About			
Always ava	Always available			
⊚ Availa <u>b</u> le f	from 0:00 To 0:00			
Priorit <u>y</u> :	1			
Dri <u>v</u> er:	POS80D New Driver			
 Spool print documents so program finishes printing faster Start printing after last page is spooled Start printing immediately Print directly to the printer 				
Hold mism	Hold mismatched documents			
✓ Print spooled documents first				
Keep printed documents				
Enable advanced printing features				
Printing D	Printing De <u>f</u> aults Pri <u>n</u> t Processor Separat <u>o</u> r Page			
	OK Cancel Apply			

6. Uninstall Windows Driver

- 1) Double click Windows Driver.
- 2) Choose "Uninstall printer driver", then click "Next"

Setup - POS Printer Driver v2.6.4.0
Select operation of install Please select the operation as you need.
 Install printer driver Please connect your printer to the PC and turn it on. Uninstall printer driver Uninstall printer driver Uninstall the printer driver and components which printer selected.
Next > Cancel

3) Choose "POS80D", then click "Next"

🔂 Uninstall - POS Printer Driver v2.6.4.0	X
Uninstall printer driver Please select the printer driver name needed to uninstall.	
Delete all printer drivers and its components	
POS80D	
< <u>B</u> ack <u>N</u> ext >	Cancel