Safety Precautions

Version

Feb, 2017

All Rights Reserved

This manual is the Company's intellectual property rights, copyright protection of the manual contains proprietary information, without prior written permission is strictly prohibited in any form or by any machine, electronic or other means to copy any part of this manual.

Statement

Thank you for purchasing our series of printer paper, this manual applicable Series 58 thermal receipt printer, use the hand this manual will help you understand the most comprehensive series of machine functions and operations, we are very careful preparation of this manual, although the manual strive to be accurate, but we are the contents of this manual can not be guaranteed to be completely correct, because our products have been continuous improvement and updating, so my company the right to modify without notice reservations If users need further information about our products, contact your local dealer. Please be sure to read this manual carefully before using the printer operation to ensure correct and safe use of the printer.

Security Warning

- A Warning : Don't touch the printer paper cutter and tear serrated avoid scratching
- ▲ Warning: Print head for the heat-generating components, just after the end of the printing process and print can not touch the print head and the surrounding parts, in order to avoid burns.
- Warning : Don't plug the interface cable in the charged state, in order to avoid damage to the printer and personal electric shock.

Precautions

- 1. Don't use and storage of the printer on the high temperature, high humidity and pollution.
- 2. The printer's power adapter is connected to a properly grounded outlet, avoid large motors or other power supply voltage fluctuations can cause the device to use the same socket.
- 3. Avoid water or conductive material (such as: metal) into the inside of the printer, in the event, immediately turn off the power.
- 4. The printer can not print without paper state, otherwise it will seriously damage the platen and the thermal print head.
- 5. Users are not allowed to disassemble the printer for repair or renovation.
- 6. Power adapter Use only the designed with the power adapter or 12V-3A standard power adapter.
- 7. In order to ensure the print product quality and life, we recommend using equivalent quality thermal paper.
- 8. Keep manual for future use reference.

Operating Manual

1.Application Area

- Cash register and POS System receipt printing
- EPT and POS System receipt printing
- Sports, postal services, aviation receipt printing
- Inquiry, bill printing service system
- Measuring Instruments Data Printing
- Tax receipt printing

2.Technical Parameters

Print Method: Thermal Line Printing

Print Character: 384dot/Line ; ANK Character

Font A:12*24dots, 1.5(W)*3.0(H)mm

Font B:9*17dots,1.1(W)*2.1(H)mm

Font C:19*24dots,1.1(W)*3.0(H)mm

Simplified / Traditional:12*24dots,1.5(W)*3.0(H)mm

Print parameters: Support Download Logo trademark Print

(Support bar-code types: UPC-A / UPC-E / JAN 13 (EAN13) / JAN8 (EAN8) / CODE39 / ITF / CODABAR /

CODE93 / CODE128 ; Two-dimensional code: QR CODE)

Chinese characters: GB Store a two-point support GB18030 24x24 large font support Taiwan, Hong Kong Traditional

1

Spanish: ASC11 12 × 24 points

Extended Character Table:

OEM437/Katakana/OEM850/OEM860/OEM863/OEM865/West Europe/ Greek/Hebrew/East Europe/Iran/WPC1252/OEM866/OEM852/

OEM858/IranII/Latvian/ Arabic/PT151,1251/OEM747/

WPC1257/Vietnam/OEM864/Hebrew/WPC1255/Thai

Print Speed: 90mm/sec Interface: USB / COM /LTP / LAN Print Command: Compatible with ESC/POS

Print Width : 57.5±0.5mm

Roll Diameter: 50 mm

Print Thickness: 0.06-0.08mm

Power: DC 12V/3A

Cash Drawer Control: DC 12V/1A Reliability Print:100km

Temperature:0-45℃

Contrast Humidity:10-80%

Drivers: Win 2000/Win2003/Win XP/Win Vista/Win 7/Win 8/Win 10/Linux

Compatible with EPSON, SAMSUNG

3.Installation Roll Paper

58 thermal printer using thermal 58mm paper roll, using easy paper loading mechanism, very convenient

paper loading.

Thermal printer maximum outer diameter of 75mm

Thermal paper installation method is as follows:

- (1) Open the printer cover.
- (2) Thermal paper roll as shown in the following figure into the paper loading position.



(3) Pull out the paper short to box outside, close the top cover.

(4) Remove the excess with a knife-edge machine rolls.

Button Instruction

the language:

POWER (Green / Blue Light)	FEED (Red Light)	Printer Status
OFF	OFF	Turn Off
ON	Flash	Turned on and no paper
ON	ON	Have Paper
In the case of a power, holding the FE	ED button,	Paper Feed
In the off state and the FEED button w and then release the POWER button f FEED button	hile holding down the POWER button, or two seconds and then release the	The printer self-test

4.Driver Installation (for USB Port)

Note: Please make sure the printer is turn on, and the paper is in right direction before this step. 1 : Insert the CD driver, and find the driver in the menu (58, 80 series printer driver software), then click it to start the installation, you will see the pictures as below which need to choose

😌 Use	Account Control	×
1	Do you want unknown pul	to allow the following program from an olisher to make changes to this computer?
	Program name: Publisher: File origin:	POS Printer Driver Setup V11.3.0.0.exe Unknown Hard drive on this computer
💌 si	how details	Yes No
		Change when these notifications appear
		2



2: Choose the language you will use, and click" OK", you will see following picture. Click "Next":



3 : Then you will find following picture, just click "I accept", then "Next":



4. You will see following picture, you can choose the default path, also can save the driver to anywhere you want :

3

	Printe
Setup will install POS Series Printer Driver in	to the following folder.
To continue, click Next. If you would like to select a	different folder, dick Browse.
C:\POS Printer Driver V11.3.0.0	Browse

5. Click "Next", then you will find following picture, here choose "Install". If your PC have any anti virus software, please allow this install.

	Printe
Click Install to continue with the installation, or click change any settings.	Back if you want to review or
Destination location: C: POS Printer Driver V11.3.0.0	*
4	

6. After the installation, you will see the following picture, choose the system of the PC you using and the the model of printer you using (POS 58Series Printer). Then click "USB Port Check". If the installation is successful, the printer will print some words to show the

installation is ok.

	Select Operating System
	⊂ Windows 2000 ⊂ Windows XP ⊂ Windows 2003
×	⊂ Windows Vista
<u>م</u> لق	○ Windows 10
_ (TA	Select Printer POS-58 Series Printer
	Printer Port Settings
	Ports 💌
	Baud y Stop
Installation Center	Byte Parity
	Row
	Set as default printer 🔽 Create Shortcuts
	Begin Setup USB Port Check Close

4

7. Click "Begin Setup", You will see following picture, choose "Install",

Then "install this driver anyway"

Wind	aws Security
× '	windows can everify the publisher of this driver solution
	 Don't install this driver software You should check your manufacturer's website for updated driver software for your device.
	 Install this driver software anyway Only install driver software obtained from your manufacturer's website or disc. Unsigned software from other sources may harm your computer or ste information.

8 : When finish, please find the printer driver" pos 58" in the control panel of your PC, then right click the "Printer Property", you will find the following picture

General	Sharing	Ports	Advanced	Color Management	Security	Device S	tting
-		POS-58					
Locati	on:						
Comm	nent:						
Model	2	POS-58	11.3.0.0				
Feat	ures			Daner availabl	e		
Dou Stap	ible-side ole: No	d: No		ZPrinter Pape	er(58 x 327)	ůmm)	*
Spe Max	ed: Unkr	iown Isolution	: 203 dpi				÷
			Pr	eferences	Print	Fest Page	

5

Select your printer port that matches the "port" option, select the printer you want to feature in the "device settings". In conventional option "Print Test Page" to verify that OK. If the Test print is ok, then the printer can working now. If it shows: Error, Please click "Ports' again, choose: USB001, or USB002, or USB003.

5.Lan Port Settings Operating Instructions

Obtain the IP address of the machine through a self-test
 Press and hold the printer "paper feed button (Feed)", at the same time turn on the printer, release the FEED button after 1.5 seconds (Feed), then the printer will begin to print a self-test, IP address of the machine to print a self-test will be listed on a single.
 (The factory default setting is : 192.168.1.100)
 Noted: If need to modify the IP address of printer, please do it by the tool "
 Printer_tools_V3.1.exe" of the enclosed CD disc.

General	Sharing	Ports	Advanced	Color Management	Security	Device Setting
-		POS-58				
Locatio	on:					
Comm	ant					
Comm	iena					
Model		POS-58	11.3.0.0			
Featu	ires					
Featu	ires or: No			Paper availabl	e	
Featu Colo Dou	ures or: No ble-side	d: No		Paper availabl ZPrinter Pap	e: er(58 x 327	бmm) ^
Cold Dou Stap	ures or: No ble-side ile: No	d: No		Paper availabl ZPrinter Pap	e: er(58 x 327	წmm) ^
Featu Colo Dou Stap Spee	ures or: No ble-side ile: No ed: Unkn	d: No own		Paper availabl ZPrinter Pap	e: er(58 x 327	бтт) ^
Featu Colo Dou Stap Spec Max	ures or: No ble-side ile: No ed: Unkn imum re	d: No own solution	: 203 dpi	Paper availabl ZPrinter Pap	e: er(58 x 327	ʻ6mm) ^
Featu Colo Dou Stap Spee Max	ures or: No ble-side ile: No ed: Unkn imum re	d: No own isolution	: 203 dpi	Paper availabl	e: er(58 x 327	'6mm) ^
Featu Colo Dou Stap Spec Max	ures or: No ble-side ile: No ed: Unkn imum re	d: No own isolution	e 203 dpi	Paper availabl ZPrinter Pape eferences	e: er(58 x 327 Print	'6mm) + Test Page

6

2. Set network port shown as following: Choose "Port", then click "Add port"



3. Choose the "standard TCP / IP port", and then click the New Port, as shown below.

Printer Ports	read Color Manageme	unt Consumitive Designer Centre X
Available port types:		
Local Port		
Standard TCP/IP Port	2	
ThinPrint Print Port Mon	itor for VMWare	
New Port Type	3 New Po	rt Cancel
COMZ: Senal Port		
COM3: Serial Port		
COM4: Serial Port		
Add Port 1	Delete Port	Configure Port
1`		
Enable bidirectional supp	ort	
Enable printer pooling		

7

4. According Add Standard TCP / IP Printer Port Wizard, click Next continued following the installation, as shown below:

Welcome to the Add Standard TCP/IP Printer Port Wizard
This wizard helps you add a port for a network printer.
Brdne continuing be sure that 1. The device is furned on. 2. The network is connected and configured.
To continue, click Next.

5..Input IP address which you can find on the self-test page, as shown below:

Add port For which device do you want to an	id a port?	
Enter the Printer Name or IP ad	dress, and a port name for the desired device.	
Printer Name or IP Address:	192.168.1.100	
Port Name:	192.168.1.100	

6.Click next, and then you will see following picture, select the type of device --- the standard way, and then click Next to continue the installation, as shown below:

dditional port in The device co	nformation required uld not be identified.
The device is not	found on the network. Be sure that:
. The device is t	turned on.
The network i	is connected.
The address of	property configured.
 me address o 	an the previous page is contect.
. The address o	in the previous page is context.
you think the a	If the previous page 5 correct. ddress is not correct, click Back to return to the previous page. Then correct the own another carect on the network. If you are use the address is correct calert the
you think the a ddress and perfo	or one previous page is correct. ddress is not correct, click Back to return to the previous page. Then correct the orm another search on the network. If you are sure the address is correct, select the w.
f you think the a ddress and perfo levice type below Device Type	in the previous page is context differs is not correct, click Back to return to the previous page. Then correct the own another search on the network. If you are sure the address is correct, select the w.
f you think the auddress of ddress and perfo levice type below Device Type	In the period page to units defects is not correct, clefk Back to return to the previous page. Then correct the orm another search on the network. If you are sure the address is correct, select the r. Generic Network Card
f you think the a ddress and perfo levice type belov Device Type Standard Custom	denses net correct, delse at the termine of the previous page. Then correct the orm another search on the network. Byou are sure the address is correct, select the
e Standard Standard Standard	In the periodic paper is series. We have a series of the
 The address of you think the aiddress and perfeterice type below Device Type Standard Custom 	Interpretending pages is units.
 The address of you think the aid ddress and perforence tevice type below Device Type Standard Custom 	one provide pages Links. Means and correct, the Back to return to the provide page. Then correct the om another search on the network. If you are sure the address is correct, select the Generic Network Card

8

7.According Add Standard TCP / IP Printer Port Wizard, click "Finish "to complete the installation, as shown in the following figure:



8. Find the printer driver-pos58, Click the "Printer property", and choose the "Ports", select the correct IP port, click "Apply", as shown below:

D			
Port	Description	Printer	*
COM4:	Serial Port		
FILE:	Print to File		
USB001	USB 虚拟打印机端口	POS-58, POS-80	
TPVM:	ThinPrint Print Port fo		-
▼ 192.168.1.100	Standard TCP/IP Port		
XPSPort:	Local Port	Microsoft XPS Docur	nent' +
•			
Add Port	Delete Port	Configure P	ort
Aug Politin	Delete Port		011

9

9.Return to the "General", click "Print Test Page", as shown below:

			LUNU management	1 Security 1	Device	Setting
			outer the loge literat	occounty		
	POS-58					
n:						
ent:						
	POS-58	11.3.0.0				
res						
r: No			Paper availabl	e:		
ole-side	d: No		ZPrinter Pape	er(58 x 327	6mm)	~
e: No						
d: Unkn	.own					
mum re	solution	: 203 dpi				Ŧ
		Pr	eferences	Print	Test Pag	je
	n: res r: No le-side e: No d: Unkn mum re	PUS-38 n: POS-58 res r No ole-sided: No d: Unknown mum resolution	PUS-38 n: POS-58 11.3.0.0 res n: No e: No d: Unknown mum resolution: 203 dpi	PUS-38 n: POS-38 11.3.0.4 res r. No Paper availabl res R No d: Unknown mum resolution: 203 dpi Preferences	PUS-Se rc ent: POS-S8 11.3.0.0 res rc No Poper available: Pointer Paper(S8 x 327 d: Unknown mum resolution: 203 dpi Preferences Print	POS-38 rc ent: POS-58 11.3.0.0 res rc No Paper available: Paper(58 x3276mm) CPinter Paper(58 x3276mm) CPinter Paper(58 x3276mm) Preferences Print Test Paper(58 x3276mm)

Operating Manual

6. The operate instruction of RS232/Parallel port

6.1 For RS232 (COM)port (If you printer is rs232 port)

1.Open the Printer Properties screen, and then select the "Port" item, as shown below:

PC	DS-58	ed Color Management	Security De	wice setting
Print to the fo	ollowing port(s). D	ocuments will print to	the first free	
Port	Description	Printer		
LPT1:	Printer Port			
LPT2:	Printer Port			E
LPT3:	Printer Port			
COM1:	Serial Port			
COM2:	Serial Port			
COM3:	Serial Port			
COM4:	Serial Port			-
Add P	ort	Delete Port	Configure	Port
Enable bid	lirectional support			
Enable pri	nter pooling			
		OK	Cancel	Apply

Operating Manual

58 mm Thermal Receipt Printer

2.Select the list of ports "COM1" \rightarrow "Configure Port", choose the right option. Here are our default parameter, you can see the parameters of serial port from self-test page

•
•
•
•
•

Click "Apply", then click "OK", you will see the following picture: (Note: This setting must consistent with the setting parameters of serial port from the self-test page, otherwise it may print garbled words will be garbled words)

inneral Chari	Ports	Advanced	Color Management	Security	Device Settie
of for the lot for the lot	9	Autoriceu	color management	Jocumy	Device Seta
P	OS-58				
Print to the f	ollowing p	ort(s). Docu	ments will print to	the first fr	ee
checked por					
Port	Descripti	on	Printer		
LPT1:	Printer P	ort			
LPT2:	Printer P	ort			1
LPT3:	Printer P	ort			
COM1:	Serial Po	rt			
COM2:	Serial Po	rt			
COM3:	Serial Po	t			
COM4:	Serial Po	t			
Add F	Port	D	elete Port	Confi	gure Port
Enable bio	directional :	upport			
📃 Enable pri	inter poolin	9			

11

Click "Apply" again.

Return to the "General" tab, click "Print Test Page" as shown below:



If the printer prints a normal page, then it shows that the connection is successful. If you feel the print speed is slow, please click on the "Device Settings" \rightarrow "Print Mode" \rightarrow Choose "soft font" button as shown below, then "Apply":

POS-S8 11.3.0.0 Device Settings Monosul Paper Feed Zbrinter Paper 158 x 3275mm) Monosul Paper Feed Zbrinter Paper 158 x 3275mm) Print Speed Fast mode Print Note: Print s soft fort Cash Device Pint as soft fort Blank speed Fager 60 De not fund Feed distance after print (Sed 2mm) Beeger Resp Leffore even page NV Lege: Do not print NV Lege OK Cancel Apply	POS-58 11.3.0.0 Device Settings Settings Monuel Speer Feet: <u>Printer Pager(58 x 3275mm)</u> Monuel Speer Feet: <u>Printer Pager(58 x 3275mm)</u> Print Speer East mode Print Mode Print as soft font Cash Draver Print as image are printing Print Mode Print method <u>Print a work font</u> Bink space at pages and <u>Drake print</u> Beak space at pages and <u>Drake print</u> Beak space and <u>Drake print</u>
Form To Tray Assignment Menual Paper Feed Splinter DepertS x 3275mm) Image: Speed Splinter DepertS x 3275mm) Image: Speed Splinter DepertS x 3275mm) Image: Splinter DepertS x 3275mm	Manual Paper Feet: <u>Printer Paper(S& x3276mm)</u> Manual Paper Feet: <u>Printer Paper(S& x3276mm)</u> Print Sander Print as soft font Print Model Print as soft font Print method <u>Print as soft font</u> Bank space at page's end <u>Do not print</u> Feed distance atter print <u>Eed Domn</u> Beeper: <u>Beep Infore every page</u> NV Logo: <u>Do not print NV Logo</u>
Manual Paper Feed. <u>ZPrinter Paper 58 x 32/5mm</u>) im Installable Options Print Speed: Fast mode Print soft for in a soft fort print as image Print whethed <u>Print as conf fort</u> Print whethed <u>Option 2000 forth</u> Blank spece at page's end <u>Do not print</u> Blank spece at page's end <u>Do not print</u> Feed distance atter print (<u>ses2mm</u>) Begenet <u>Seep before wery page</u> NV Logo: <u>Do not print NV Logo</u> OK Cencel Apply	Manual Paper Feet: <u>2Printer Paper(S8 x 3276mm)</u> Print Speed: <u>Fast mode</u> <u>Print Speed: Fast mode</u> <u>Print Mode</u> <u>Print Mode</u> <u>Print Mode</u> <u>Print method</u> <u>Print as off font</u> <u>Bank Speet a Paper end Do net print</u> <u>Bank Speet a Paper end Do net print</u> <u>Benk Speet Fast Print Seed Smm</u> <u>Beners Ber before every agas</u> <u>NV Logo: Do not print NV Logo</u>
Print Speed: <u>Fast mode</u> Print Speed: <u>Fast mode</u> Cable Speed: <u>Fast mode</u> Cable Speed: <u>Fast mode</u> Cable Speed: <u>Fast mode</u> Print method <u>Print as soft fore</u> Bunk space at Page's call <u>Dent print</u> Benk spac	gin Instalable Options Print Speed Esst mode Print Model Print is soft fort Cash Draver Print as image Print method Print Print Print Print Pred distance after print faed Omm Beeper: Beep before every page NV Logie Do not print NV Logie
Vinit Speet Park Soft for Cash Drawet: Pinit as image tr printing Pinit method Park as soft for Blank space at Page's end De not pinit Feed distance after pinit (Ked Dann Beeper: Beep before every page NV Logo: Do not print NV Logo	Print Speek Print as soft font Print Speek Print Speek Print Speek Print Speek Print Speek Print
Cancel Daverse Point as sort form Print method Point as sort form Bink types of A page 6 and Bink types of Apage 6 and Bink Peed distance after print <u>field Point</u> Peed Bink types (Point Point Apage 6 and Point Point Point Apage 6 and Point Point Apage 6 and Point Point Apage 6 and Point Point Point Apage 6 and Point Point Point Apage 6 and Point Point Point Apage 6 and Point Point Point Apage 6 and Point P	Cash Oracle Print as out role Print method Print as off fort Bank space at page and Dong print Ford distance after print faed <u>Drum</u> Resper: Beap before every agas NV Logo: <u>Do not print NV Logo</u>
Print method <u>Print so to the Standy</u> Blank space & Page's end <u>Do not print</u> Fedd distance after print <u>Reset</u> <u>De not print</u> Beeper: <u>Beep before every page</u> NV Logo: <u>Do not print NV Logo</u> OK Cancel Apply	Print method <mark>under som forsten</mark> Blank speet a togger end <u>Do not print</u> Feed distance after print <u>less Jamm</u> Beeper: <u>Beep before very pågt</u> NV Loge: <u>Do not print NV Logo</u>
Blank topace at page's end. De not print Feed dutance after print (sed) Smm Besper: Been before news page NV Logo: Do not print NV Logo	Blank space at page's end. <u>Do not print</u> Feed distance after print <u>fæd 9mm</u> Beeper: <u>Beep Hotere every rage</u> NV Logo: <u>Ro not print NV Logo</u>
Feed distance after print <u>field 2mm</u> Bespering <u>integen bifance avery page</u> NV Logo: <u>Do not print NV Logo</u> OK Cancel Aeply	Feed distance after print <u>fæd 3mm</u> Beeper: <u>Beep before every ræga</u> NV Logo: <u>Do not print NV Logo</u>
NV Logo: <u>Do not print NV Logo</u> OK Cancel Apply	Beepen: <u>Beep tefore every page</u> NV Logo: <u>Ro not print NV Logo</u>
NV Loge: <u>No not print IVV Loge</u> OK Cancel Apply	NV Logo: <u>Lo not print IVV Logo</u>
OK Cancel Apply	
OK Cancel Apply	
OK Cancel Aeoly	
OK Cancel Apply	
	OK Cancel Appl

6.2 Connection of Parallel port (if your choose to use parallel port)1. Open the Printer Properties screen, and then select the "Port" item, then choose the "LTP1", then "Apply", just as shown below:

PC	DS-58		Coounty	Dence deal
Print to the for checked port	Description	cuments will print to	the first fr	ee
	Description Drinter Dest	Finter		
IPT2:	Printer Port			-
LPT3:	Printer Port			
COM1:	Serial Port			
COM2:	Serial Port			
COM3:	Serial Port			
COM4:	Serial Port			-
Add P	ort	Delete Port	Confi	gure Port
Enable bid	irectional support			
📃 Enable pri	nter pooling			

Return to the "General" tab, click "Print Test Page" as shown below:

General	Sharing	Porte	Advanced	Color Management	Security	Device 9	letting
	or igning	Tonta	riovanood	color management	occurry	Dence	-our y
al a		POS-58					
Locati	on:						
Comm	nent:						_
Model	6	POS-58	11.3.0.0				
Feat	ures						
Cole	or: No			Paper availabl	e:		
Dou	ble-side	d: No		ZPrinter Pape	er(58 x 327	6mm)	~
Stap	le: No						
	ed: Unkn	own					
Spe	imum re	solution	: 203 dpi				-
Spe Max							_
Spe Max			Pr	eferences	Print	Test Pag	•
Spe Max							

Operating Manual

If the printer prints a normal page, then it shows that the work was successful.

6.3 Bluetooth port to be used (if your printer can support bluetooth function)

1: Make sure you are using the device (such as a laptop) is Bluetooth-enabled, then activate Bluetooth, Bluetooth started successfully, you can see the computer icon on the bottom right of the display.



2:Power on the Bluetooth printer.

3:To add the Bluetooth printer, please left-click the ______ - click "Add a Bluetooth Device", then you will enter wizard screen, please choose "My device is set up according and ready to be found" click "Next"(showed as below).





Operating Manual



7: if you can see the screen as below, that means the Bluetooth printer is already connected. Please notice the assigned COM ports ,then Click"Finish".



(Note: The Bluetooth device will automatically assign a COM port.)
8: Now if you want to test if the printer is OK to print, you could use a com tool, and send printed data to Outgoing COM port(just as above image shown: COM5).
(Com tool setting is 9600,N,8,1.)

7. Operating Manual for Android OS

This manual applies to all of our android OS compatible printers (both 58mm & 80mm width printer) Currently, the common communication ports we used for android OS are (USB 、 Ethernet、Bluetooth and WiFi)

If you want to use Android Device connected with our printer, first of all make sure that printers can be supported Android Operate System, proceed as follows (Bluetooth as example): Step 1:

- Insert the CD driver disc into the CD-ROM, connect your Android device with your computer;

4:if you can see screen as below, then the device is searching the bluetooth printer, please wait.

Select the Bluetoo	th device that you want to add.	3
	۶	
 If you don't see the 	he device that you want to add, make sure that the set in instructions that came with the device	it is

5:Once the Bluetooth printer is found. You can see it listed on the screen, Here, for example, Bluetooth printer is successfully found. Please click "Bluetooth printer", click "Next"



6:Choose "Let me choose my own passkey", then enter "1234"(this is factory default passkey, if you want to change it, you have to inform us to set the new passkey for you in our factory before shipping), then click "Next".

Step 2:

- Find the File Named " SDK" from the CD driver, Then follow the path : "Android SDK ---BLUETOOTHDEMO ---bin---BT-POSPrinter.APK ", and install it into your Android device. Step 3:

- Connect your Android device with our printer once the installation done .

Step 4: - Find this icon on the Android device, and click "Connect Printer" to search the Bluetooth printer, (Default pairing password for Bluetooth connection is "1234"). After the connection successfully, click on the "Print Test Page", the printer will work. If you use the "Ethernet interface", "USB", "WIFI" communication, replace "

BLUETOOTHDEMO" from "Step 2" into the corresponding "NETDEMO", "USBDEMO" and "WIFIDEMO".Please noted, the customers can get all the original code from below path if you need to develop your own APK (Path is: src \rightarrow com \rightarrow zj \rightarrow printdemo)

8.Operating Manual for IOS APP

1. Download the Test Tools "POS-PrinterV1.0" from App Store, as below:



2. Turn on the Bluetooth setting of IOS device , then click "POS-Printer":



3. Into the App of "POS-Printer", select the paper width as below:



58 mm Thermal Receipt Printer 4. Select the way of communication of printers, "Bluetooth" or "WIFI": Print Text Send HED Font Size Print Image mode Print Codebar Open Casher Please input IP address Self Test Beep Print Test Page 192,168.1,100 (Image 4) 5, If connect with Bluetooth, then you can click "Select Printer" first, you will search the "Bluetooth Printer" (the default name of printer is Bluetooth Printer), click it to be connected. iPad ⊽ 8:48 AM @ \$ 100% 🚃 (58mm Self Test Print Test Page 7, If above steps are successful, then you can print text to have a test: Print Text Send HEX iPad 🗢 8:51 AM Print Image mode Font Size Print Codebar Print OrCod 58mm Open Casher Cut paper Self Test Beep Hello Print Test Page Print Image iPad 🜩 8:47 AM ⊕ ± 100% ■ + < Back Select Printer BlueTooth Printer 3B48CACE-2DB3-59A4-F8F0-52C0706B64D4 winer22 A3D2B485-FA48-D901-345B-A576F2C91CA7 Print Text Print Image mode 6, If connect with WIFI, please make sure that your device WIFI is connected with printer Print Codebar (both of them in the same Network segment). And then click the " Connect", enter into Open Casher the printer IP :

Operating Manual

@ \$ 100% == +

Select Printer

WIFI

Send HEX Font Size

Print QrCode

Cut paper

Beep

Print Image

Self Test

Print Test Page

20

Operating Manual

- 8, Other features of this APP:
 - ① Send HEX: In the text box, enter the hexadecimal data, click "Send HEX", then can send text box hexadecimal data to the printer.
 - ② Print Image mode: input data in the text box, click "Print Image mode", you will be able to convert the contents of the text box into a image printed
 - ③ Open Casher: If your printer is connected with the cash drawer, click "open casher", the drawer will be opened (portable printers without drawer interface, this feature does not work).
 - ④ Cut paper: After click on it, the paper will be feed out and cut (portable printers, 58 series of printers without cutter, this feature does not work).
 - (5) Self Test: Click the "self-test", the printer will print out a self-test page (because the Bluetooth printer has been connected to the device, then the Bluetooth name or MAC address will be not displayed in the self-test page).
 - ⑥ Beep: Click the "Beep", the printer will beep sound (portable printers, 58 series of printers without buzzer, this feature does not work).
 - ⑦ Print test page: Click the "Print Test Page", the text will print a section of the test, to confirm that the printer is connected and normal print successfully.
 - 9. The applicable version: can be compatible with IOS6.0 or above versions.

9. How to clean the print head

Cleaning the printer

When one of these cases occurred in the printer, you should clean the print head;

- ① Printing not clear ;
- ② Some columns on the printed page is not clear;
- ③ Feed paper the big noise.

Print head cleaning procedure is as follows:

- 1. Turn off the printer, open the cover, if you have the paper, remove the paper;
- 2. If you have just finished printing, you should wait for the print head to cool completely;
- 3. With a soft cloth dipped in ethanol (should be wrung) thermal printhead chip erase surface dust \ stain;

4. Wait ethanol completely evaporated after closing the cover, re-test machine printing.

Note:

- Must ensure that the power is turned off when the printer routine maintenance.
- Do not touch metal objects by hand and print head surface, tweezers and other tools should not be used to scratch the print head and the platen sensor surface.
- Shall not use gasoline, acetone and other organic solvents.

10.General Troubleshooting

- 1: Why serial port printer printing messy code?
- A: Ensure the baud rate setting in the PC is same as the printer baud rate. (we can see printer baud rate from self test page)
- 2: Self test page is ok, but printer does not work after driver installation.
- A: Recheck the installation according to above installation wizard and see if we selected the right port or ask service center for advice if needed.
- 3: Cash drawer does not open?
- A: Please enable the cash drawer function from device settings and check the cable connecting way or contact service center for advice if needed.
- 4: Malfunction of paper feeding?
- A: Use soft brush to clean the paper sensor and try again or send it to the service center for repair.
- 5: Messy code printing after a period of time
- A: Interface board damaged , please replace or repair it.
- 6: Malfunction of the indicator light
- A: Check the cable connecting way / adapter / power cord / switch on or off? Or contact the service center for repair.
- 7: Ethernet printer does not printer after linked with a router.
- A : Make sure the network cable and router port works well, does the printer IP and router IP
- are on the same network segment? Is the printer IP occupied by other device ? We can modify the ip with the printer tools attached in the cd disc. Or contact our service center for help.
- 8: Messy code printing except Arabic numeral printing.
- A: language switching incorrectly, please use the printer tools attached in the CD disc. Then change the language to "ASCII".
- 9: Malfunction of the auto paper cutting
- A: if the cutter doesn't work, please check the printer tools -Function Set Cutter Set, and make sure the option is ON . Or contact the service center for help.
- 10: Red indicator keep flashing during the printing.
- A: Usually it is due to the high temperature of the print head. Just close printer for a while and let it cold down. Or contact the service center for help.
- 11: Communication interrupts and can not print if many printers work by Ethernet port at the same time.
- A: First check the network to get the printer Ethernet ID, to see if any conflicts of the Ethernet ID. Give a specified Ethernet ID to each printer to avoid this problem.

- 12: Printing speed is very slow for serial printer
- A: follow this path and change the set accordingly : Driver -- Properties -- Device Settings
 - -- Print Mode -- Print as soft font.
- 13: Water or other liquid spills into the printer
- A: Cut off the power,we can dry the main board or printer head with a hair dryer, careful of the temperature (average 50 degree is ok)
- 14: Print paper without any content (Blank)
- A: 1.If the normal print is ok but self test page is blank (no content), that mean the font is damaged, need to replace the font chips. 2.If without any contents for both normal print and self-test. Please replace head and try again. Or contact with service center for help. 15: Reset the printer to factory default setting.
- A: Please use the printer tools to reset. "Printer tools"-"Factory Reset"