

Printer Software Switch Utility Guide

May.2020

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I. Installation

1. Please download the “**Printer Software Switch Utility**” from Posiflex website.

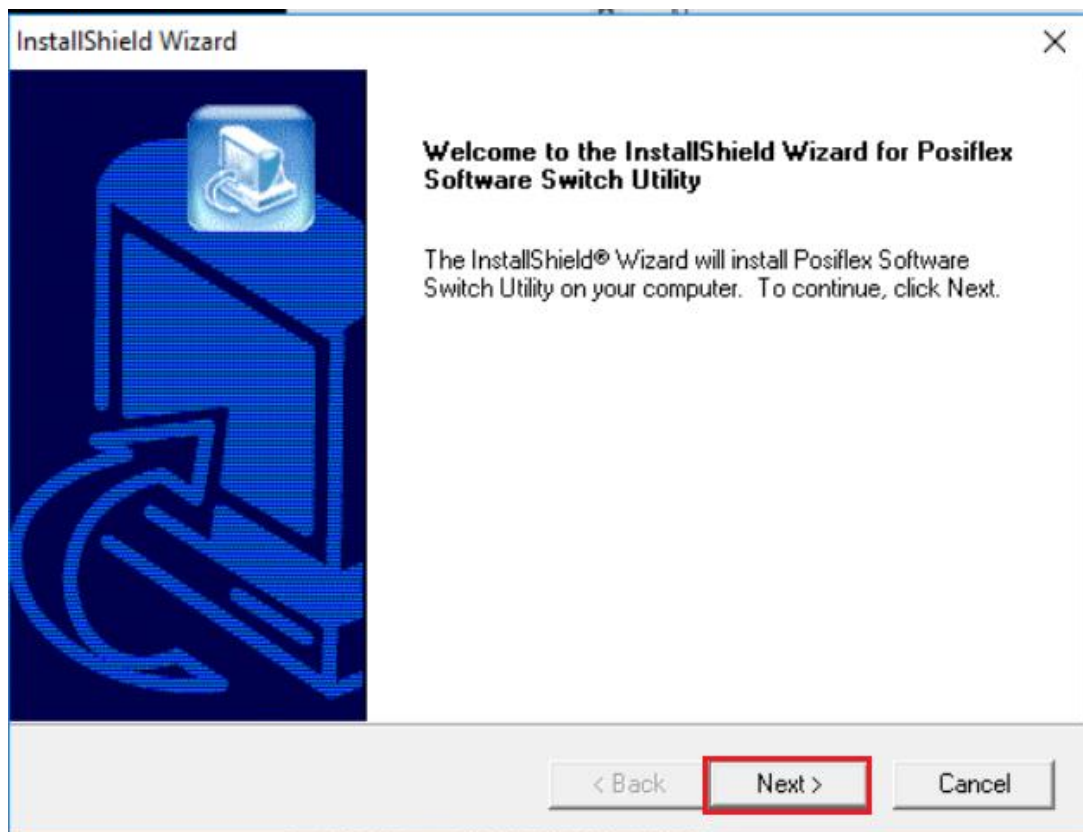
<http://www.posiflex.com.tw/en-global/Download/index/driver/POS-Printer?key=switch>

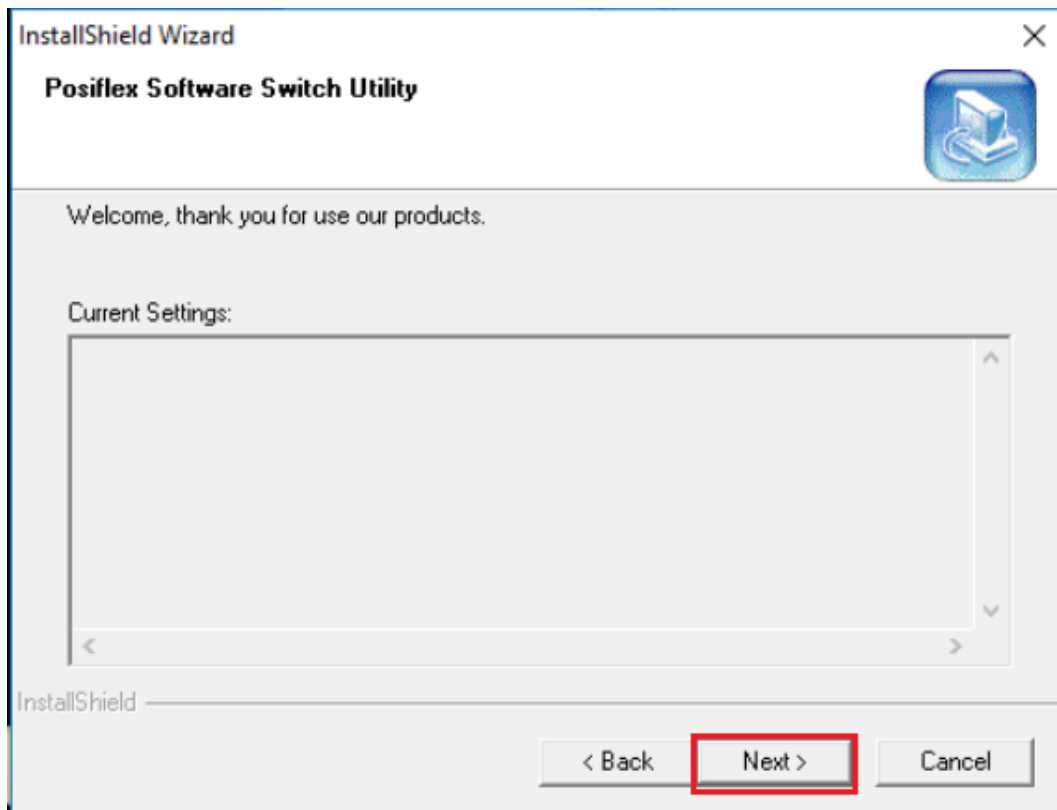
PP-8803 Series thermal Printer Software Switch Utility for Windows_32Bit/64Bit

2. Unzip the file “**PP_SW_Utility_vXXX.rar**”, and double-click the “Setup.exe” to install the Utility.

***Note:** The “vXXX” means the version of Printer Software Switch Utility.

3. Please click “**NEXT**” to proceed the installation.



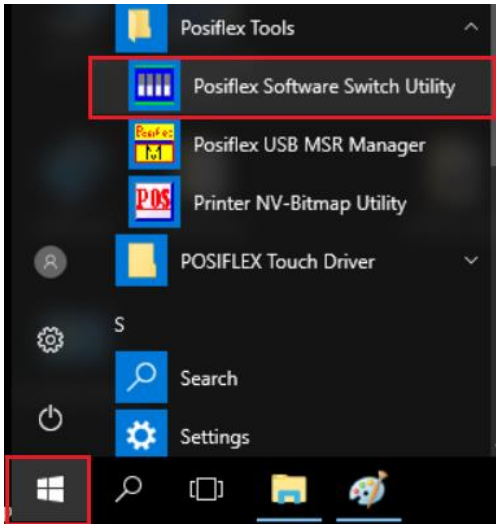


4. After installation completed, please click **Finish** button and exit.



II. Star the Printer NV-Bitmap Utility

Please find the software utility from: “Start” -> ”POSIFLEX Tools” -> ”Posiflex Software Switch Utility”.



i. Main Screen

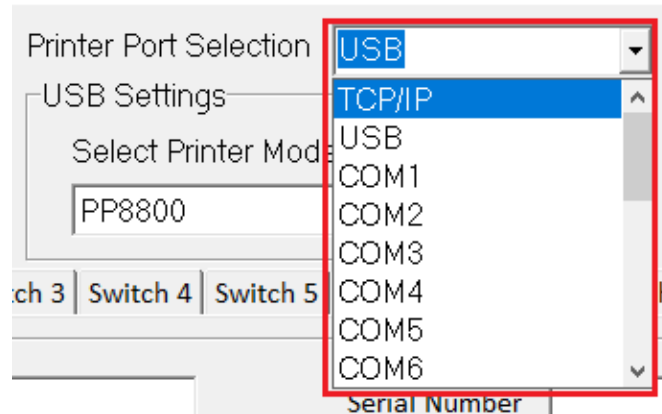
The main screen of Printer Software Switch Utility is showing as bellow.

**Note: The “v.XXX” means the current version of Printer Software Switch Utility.*

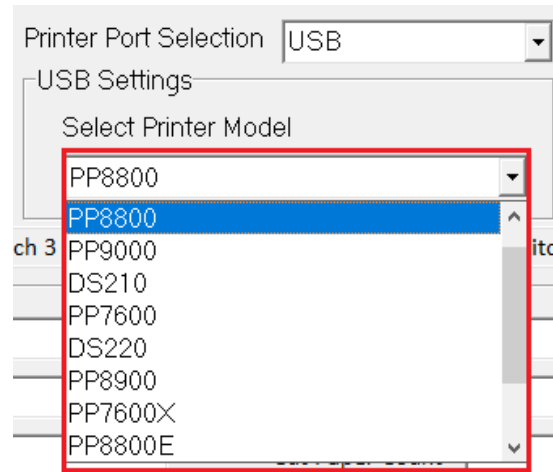
A screenshot of the 'Posiflex Software Switch Utility v2.0.2' application window. The title bar shows the application name and version. The main area features the 'POSIFLEX Printer Software Switch' logo on the left. On the right, there are dropdown menus for 'Printer Port Selection' (set to 'USB') and 'Select Printer Model' (set to 'PP8800'). Below these are tabs for 'Printer Information', 'Switch 1', 'Switch 2', 'Switch 3', 'Switch 4', 'Switch 5', 'Additional Software Switch', and 'Log History'. The 'Printer Information' tab is active, displaying fields for 'Model Name', 'Serial Number', 'Firmware Revision', 'Installation Date', 'Hours Powered', 'Cut Paper Count', 'Line Printed', and 'Failed Paper Cut'. Below this is a 'Language Information' section with fields for 'Language Model', 'Font ROM', 'Code Page', 'International Character Set', 'Print Density', 'New 8x16 Font', and 'Thai 1Pass/3Pass'. At the bottom, there are five buttons: 'Read Settings', 'Write Settings', 'Self Test', 'Fonts Test', and 'Exit'.

ii. Printer Port selection

First of all, please select the proper Port Address from the list of “Printer Port Selection” depending on the current printer interface you have.



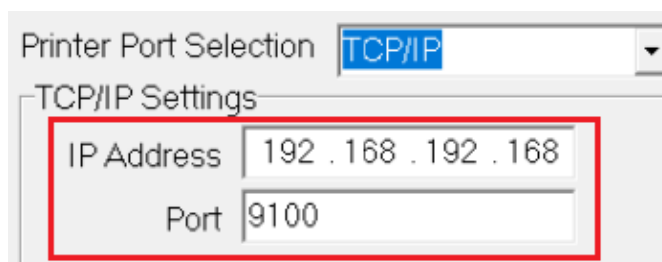
“True USB” interface: please also select the “printer model” from the list.



“Virtual COM/Serial” interface: please also check the COM port setting.



TCP/IP: please enter the printer’s IP address.



iii. Read Setting

After printer port selected, please click “**Read Settings**” button to get the current printer settings & related information. The information & language settings would be display as picture shown below.

Posiflex Software Switch Utility v2.0.2

POSIFLEX
Printer Software Switch

Printer Port Selection: USB

USB Settings
Select Printer Model: PP8800

Printer Information | Switch 1 | Switch 2 | Switch 3 | Switch 4 | Switch 5 | Additional Software Switch | Log History

Printer Information

Model Name	PP-8800	Serial Number	A000000000
Firmware Revision	1.5	Installation Date	20110101
Hours Powered	836	Cut Paper Count	465
Line Printed	10550	Failed Paper Cut	0

Language Information

Language Model	LATIN 2	Print Density	100%
Font ROM		New 8x16 Font	OFF
Code Page	18 - Latin 2	Thai 1Pass/3Pass	
International Character Set	0 - U.S.A.		

Read Settings | Write Settings | Self Test | Fonts Test | Exit

Users can test the printing functions (printer connection) via “Self-test” or “Font Test” buttons. Also from the “Self-test” printout, users can check the current printer jumper settings, printer information as reference as well.

Self Test | Fonts Test

- **Self Test:** Click to print the <Self-test> page of your printer.
Users can check the current switch status by Self-test page.
- **Fonts Test:** Click to print the current printer font of your printer.

iv. Software Switch Adjustment

Please make sure the printer connection is working fine first before adjusting the software settings.

1. Click <Read Settings> to read out the current settings.
2. Please go to the page of Switch that you want to change. (Please refer to the jumper setting according to your printer mode.)
3. Depending on the requests to adjust the switches to “ON/OFF” accordingly.
4. Click <Write Setting> to write the settings to the printer.

(PS: Please finish and write the settings on current “Switch x” first before jumping to the next one. For example, if you need to do the settings under both “Switch 1” and “Switch 2,” please complete the adjustments and write the settings on either Switch 1 or Switch 2 first before doing the adjustments on the other.)

Posiflex Software Switch Utility v2.0.2

POSIFLEX
Printer Software Switch

Printer Port Selection: USB

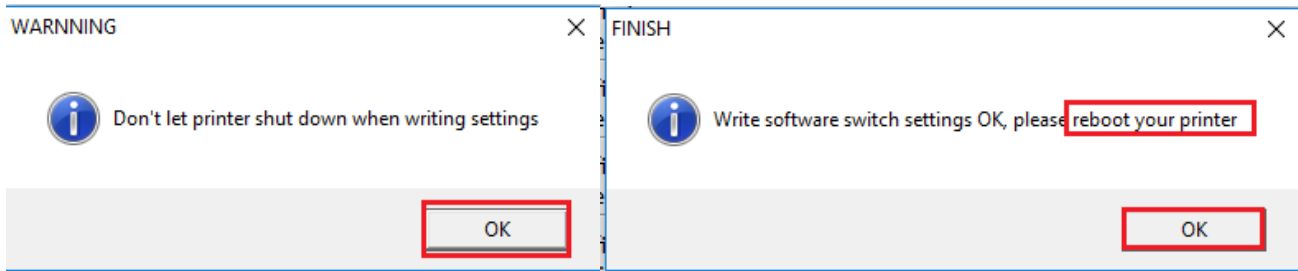
USB Settings
Select Printer Model: PP8800

1. **Switch 1** | Switch 2 | Switch 3 | Switch 4 | Switch 5 | Additional Software Switch | Log History

Switch	Definition	Status
SW1-1	Baud Rate - 19200	ON <input type="radio"/> OFF <input checked="" type="radio"/>
SW1-2	Baud Rate - 19200	ON <input type="radio"/> OFF <input checked="" type="radio"/>
SW1-3	Paper width = 80mm ,Printable width = 512dots	ON <input type="radio"/> OFF <input checked="" type="radio"/>
SW1-4	Paper width = 80mm ,Printable width = 512dots	ON <input type="radio"/> OFF <input checked="" type="radio"/>
SW1-5	Print Speed - 220	ON <input type="radio"/> OFF <input checked="" type="radio"/>
SW1-6	Interface - USB	ON <input checked="" type="radio"/> OFF <input type="radio"/>
SW1-7	Auto cutter - Enable	ON <input type="radio"/> OFF <input checked="" type="radio"/>
SW1-8	Firmware update mode - Disable(Fixed to OFF)	ON <input type="radio"/> OFF <input checked="" type="radio"/>

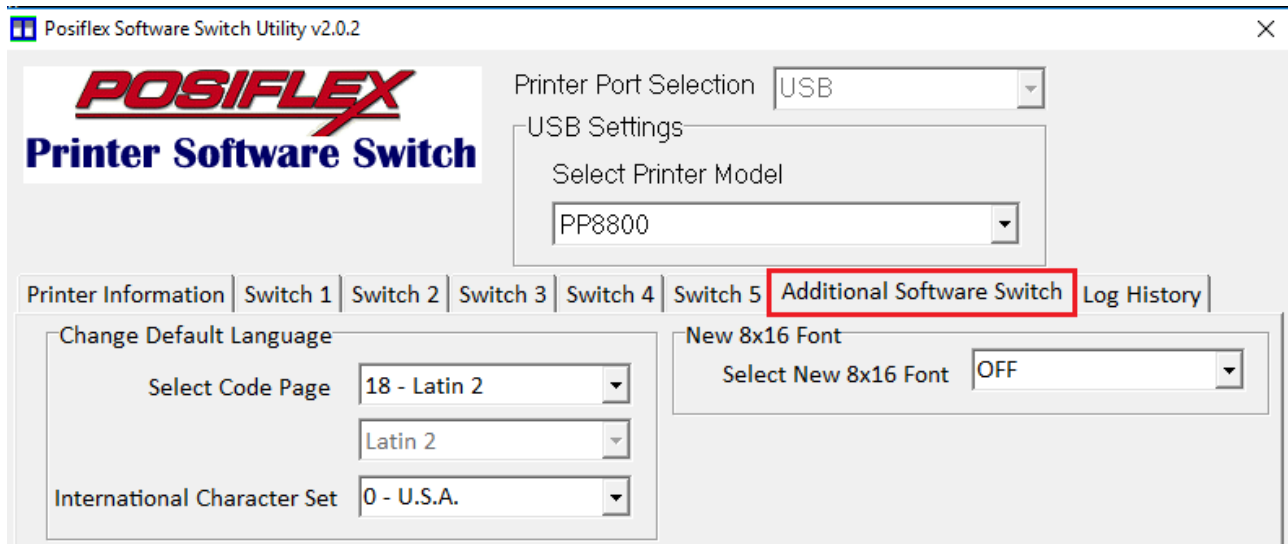
3. **Read Settings** | **Write Settings** | 4. Self Test | Fonts Test | Exit

5. Click <OK>, then after printer LED flash finished, please “reboot” your printer.

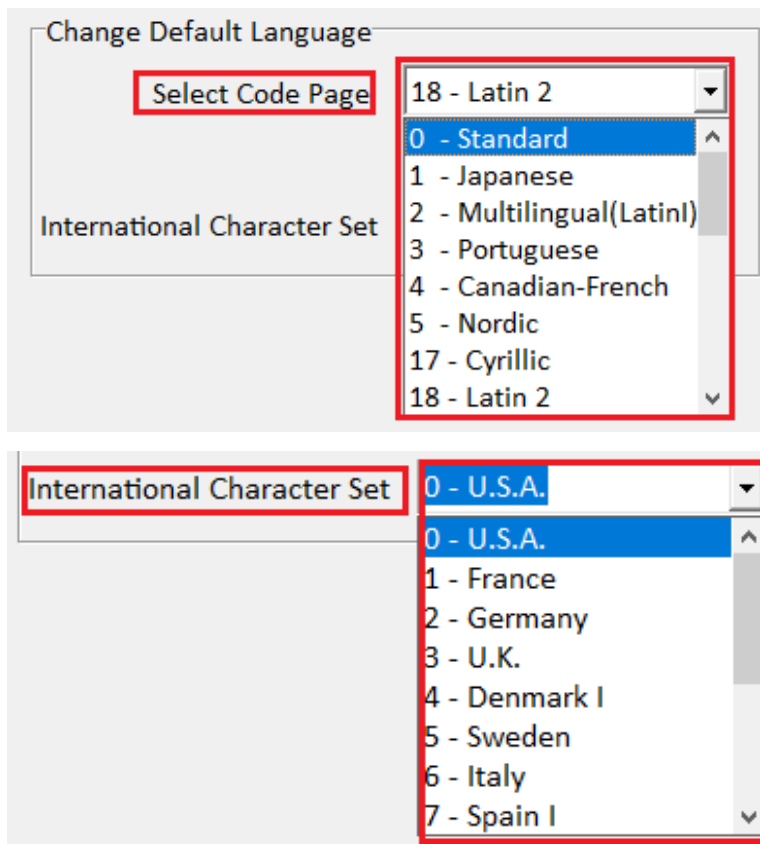


v. Language Support

Under page of <Additional Software Switch>, you can setup the “**Code page**”, “**International Character Set**” for your printer.

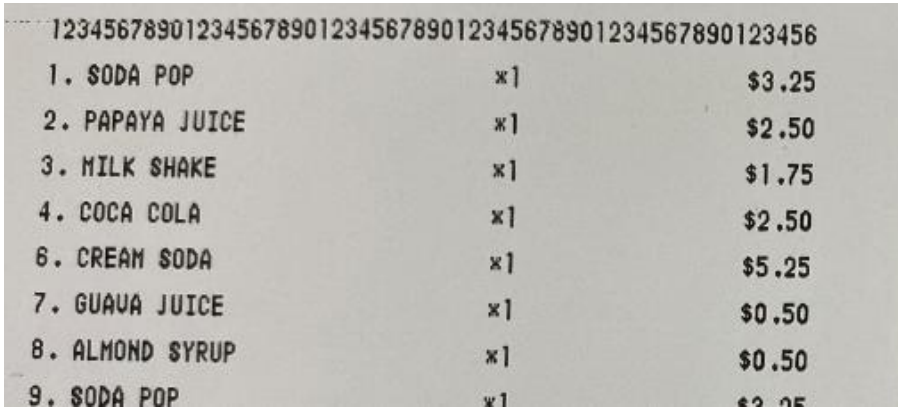


Select the option you need -> Click <Write Settings> -> Restart printer -> Then check the current setting could meet your request or not by <Self-test> page.



- **New 8x16 Font:** Currently, our printer can support either “Font A(12x24)” or “Font B(8x16)”. For Font B (8x16) printer font, we have two results for selection. “Normal 8x16” and “New 8x16”, New 8x16 font is bigger than Normal 8x16 font.

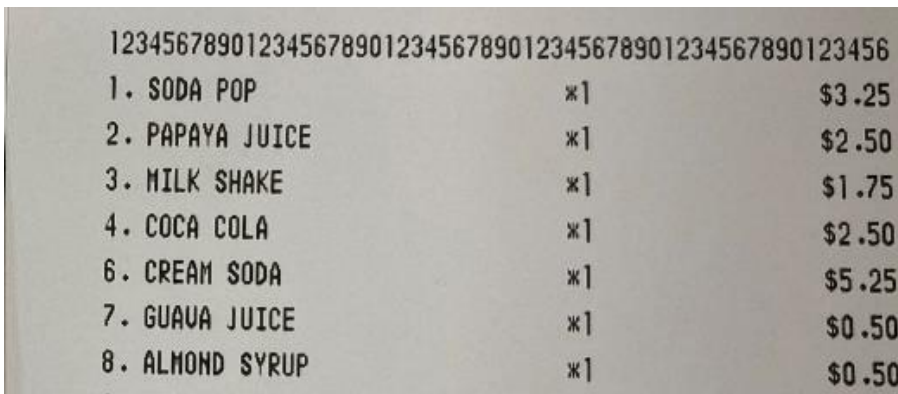
Normal 8x16 font: Select New 8x16 font is “OFF”



A receipt printout showing a list of items and their prices. The text is in a standard 8x16 font. The items are: 1. SODA POP (\$3.25), 2. PAPAYA JUICE (\$2.50), 3. MILK SHAKE (\$1.75), 4. COCA COLA (\$2.50), 6. CREAM SODA (\$5.25), 7. GUAUA JUICE (\$0.50), 8. ALMOND SYRUP (\$0.50), and 9. SODA POP (\$2.25). The receipt also includes a header with a sequence of numbers 123456789012345678901234567890123456.

Item	Quantity	Price
1. SODA POP	x1	\$3.25
2. PAPAYA JUICE	x1	\$2.50
3. MILK SHAKE	x1	\$1.75
4. COCA COLA	x1	\$2.50
6. CREAM SODA	x1	\$5.25
7. GUAUA JUICE	x1	\$0.50
8. ALMOND SYRUP	x1	\$0.50
9. SODA POP	x1	\$2.25

New 8x16 font: Select New 8x16 font is “ON”

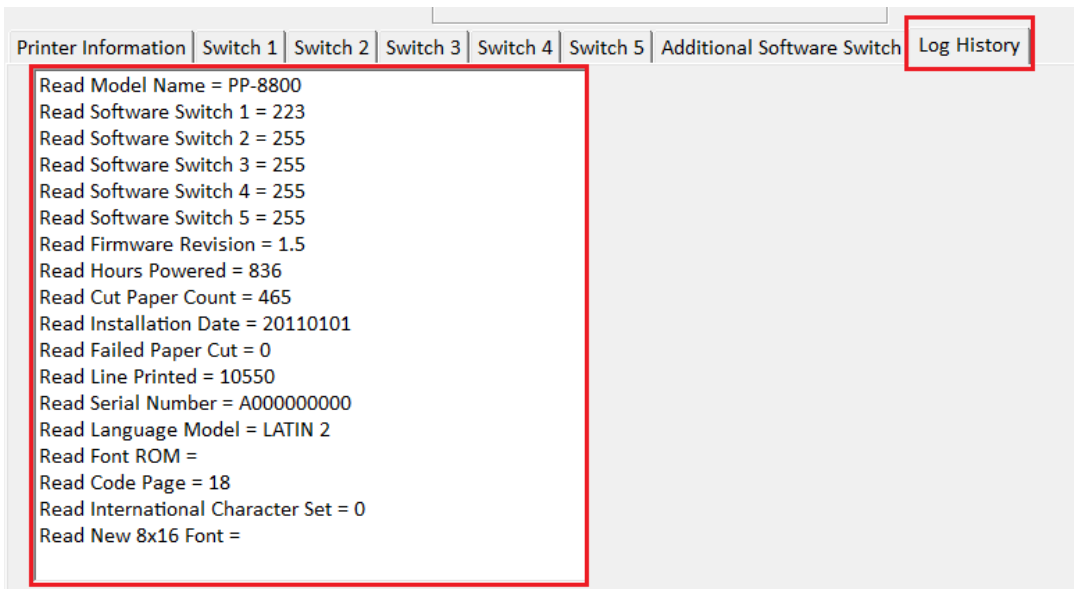


A receipt printout showing a list of items and their prices. The text is in a larger 8x16 font compared to the previous one. The items are: 1. SODA POP (\$3.25), 2. PAPAYA JUICE (\$2.50), 3. MILK SHAKE (\$1.75), 4. COCA COLA (\$2.50), 6. CREAM SODA (\$5.25), 7. GUAUA JUICE (\$0.50), and 8. ALMOND SYRUP (\$0.50). The receipt also includes a header with a sequence of numbers 123456789012345678901234567890123456.

Item	Quantity	Price
1. SODA POP	x1	\$3.25
2. PAPAYA JUICE	x1	\$2.50
3. MILK SHAKE	x1	\$1.75
4. COCA COLA	x1	\$2.50
6. CREAM SODA	x1	\$5.25
7. GUAUA JUICE	x1	\$0.50
8. ALMOND SYRUP	x1	\$0.50

vi. Log History

During software switch utility usage, here will showing some records of your printer.



A screenshot of the 'Printer Software Switch Utility' window. The 'Log History' tab is selected and highlighted with a red box. The log contains the following information:

- Read Model Name = PP-8800
- Read Software Switch 1 = 223
- Read Software Switch 2 = 255
- Read Software Switch 3 = 255
- Read Software Switch 4 = 255
- Read Software Switch 5 = 255
- Read Firmware Revision = 1.5
- Read Hours Powered = 836
- Read Cut Paper Count = 465
- Read Installation Date = 20110101
- Read Failed Paper Cut = 0
- Read Line Printed = 10550
- Read Serial Number = A000000000
- Read Language Model = LATIN 2
- Read Font ROM =
- Read Code Page = 18
- Read International Character Set = 0
- Read New 8x16 Font =