

Software Switch Utility for Thermal Printer Version 1.1

1. Operating system:

This utility supports Windows 9x/NT/2000/XP/VISTA.

2. Support Models:

PP8000 Serial
PP8000 Parallel
PP8000 USB
PP8000 LAN
PP6800 Serial
PP6800 Parallel
PP6800 USB
PP6800 LAN
XP-Printer Serial

3. Support Functions:

Function	PP8000	PP6800	X-PRINTER
Printer_Information	V	V	V
Software_Switch1			V
Software_Switch2		V	V
Software_Switch3		V	
Additional_Software_Switch	V	V	V
Log_History	V	V	V
Communtion_Test	V	V	V
Self_Test	V	V	V
Read_Settings	V	V	V
Write_Settings	V	V	V
Exit	V	V	V
Help	V	V	V

4. Starting Software Switch Setting Utility

- a. Click the PP_SW_Utility.exe program.
- b. Click the "Printer port selection" combo to select the interface of printer. You can set the communication parameters used to communicate with the printer and execute the communication test using the parameter you have set.
 - . TCP/IP Use for LAN type printer.
Please confirm your Tcp/Ip information.
 - . LPT1
Use for PARALLEL type printer.
 - . COM1 ~ COM16
Use for SERIAL type printer.
Please confirm your comport settings.

5. Command buttons.

- a. "Communication Test" button: Confirm whether the connected printer is PP or not and retrieve all printer information.
 - . SUCCESS
Pop up message below.
[Welcome to POSIFLEX world.]
[Communication test finished.]
 - . FAILURE
Pop up message below or other error message.
[Please connected POSIFLEX POS printer before test.]
- b. "Self Test" button: Print the selftest page of printer.
- c. "Read Settings" button: Acquire the set value being saved by the connected printer and display them on the screen.
- d. "Write Settings" button: Set the value that can be updated in the value displayed on the screen to the printer.
- e. "EXIT" button: Exit this utility.
- f. "HELP" button: Display this document.

6. Software switch functions.

a. Printer Information

"Model Name": display the printer model name.
"Firmware Revision": display the printer firmware version.
"HoursPowered": display the powered on hours of printer.
"CutPaperCount": display the cut paper count of printer.

b. Language Information

"Language Model": display the language of printer.
"Font ROM": display the font rom type when printer is downloaded big5 or gb2312.
"International Character Set": display the international characters set of printer.

- c. Software switch 1: This software switch is valid only for XP-Printer. When the pin 1 of software switch 2 is been set to ON, then the software switch 1 will be valid instead of hardware switch 1.

. Software switch 1 definition

"1 OFF", "2 OFF"	-> Baud Rate = 19200
"1 OFF", "2 ON"	-> Baud Rate = 115200
"1 ON", "2 OFF"	-> Baud Rate = 9600
"1 ON", "2 ON"	-> Baud Rate = 38400
"3 OFF"	-> Don't cut paper when cover closed.
"3 ON"	-> Cut Paper When cover closed.
"4 OFF"	-> Partial cut paper.
"4 ON"	-> Full cut paper
"5 OFF"	-> Busy condition = When buffer full or off line
"5 ON"	-> Busy condition = When buffer full
"6 OFF"	-> Paper Feed before cut paper = Enabled
"6 ON"	-> Paper Feed before cut paper = Disabled
"7 OFF"	-> With Auto Cutter
"7 ON"	-> Without Auto Cutter
"8 OFF"	-> Paper Feed Backward before print = Enabled
"8 ON"	-> Paper Feed Backward before print = Disabled

d. Software switch 2: This software switch is valid for PP-6800 and XP-Printer.

. PP-6800 Software switch 2 definition

"1 OFF", "2 OFF"	-> Print Density = NORMAL
"1 OFF", "2 ON"	-> Unknown
"1 ON", "2 OFF"	-> Print Density =HIGH QUALITY
"1 ON", "2 ON"	-> Print Density =HIGH QUALITY
"3 OFF"	-> Don't cut paper when cover closed.
"3 ON"	-> Cut Paper When cover closed.
"4 OFF"	-> Partial cut paper.
"4 ON"	-> Full cut paper
"5 OFF"	-> Raster bitmap print mode = Batch printing
"5 ON"	-> Raster bitmap print mode = Line printing
"6 OFF"	-> Parity check = NONE
"6 ON"	-> Parity check = EVEN
"7 OFF"	-> Handshaking = DTR/DSR
"7 ON"	-> Handshaking = XON/XOFF
"8 OFF"	-> <CR> Invalid
"8 ON"	-> <CR> Valid

. XP-Printer Software switch 2 definition

"1 OFF"	-> Hardware Switch1 = Valid
"1 ON"	-> Hardware Switch1 = Invalid (Software switch instead of hardware switch)
"2 OFF"	-> Fixed to OFF
"3 OFF"	-> Fixed to OFF
"4 OFF"	-> Fixed to OFF
"5 OFF"	-> Raster bitmap print mode = Batch printing
"5 ON"	-> Raster bitmap print mode = Line printing
"6 OFF"	-> Parity check = NONE
"6 ON"	-> Parity check = EVEN
"7 OFF"	-> Handshaking = DTR/DSR
"7 ON"	-> Handshaking = XON/XOFF
"8 OFF"	-> <CR> Invalid
"8 ON"	-> <CR> Valid

- e. Software switch 3: This software switch is valid for PP-6800.

. Software switch 3 definition

"1 OFF"	-> Paper Feed Backward before print = Enabled
"1 ON"	-> Paper Feed Backward before print = Disabled
"2 OFF"	-> Fixed to OFF
"3 OFF"	-> Fixed to OFF
"4 OFF"	-> Fixed to OFF
"5 OFF"	-> Fixed to OFF
"6 OFF"	-> Fixed to OFF
"7 OFF"	-> Fixed to OFF
"8 OFF"	-> Fixed to OFF

- f. Additional Software Switch

. Supported Code page

0 - 437 Standard
1 - Katakana Japanese
2 - 850 Multilingual (LatinI)
3 - 860 Portuguese
4 - 863 Canadian-French
5 - 865 Nordic
17 - 866 Cyrillic
18 - 852 Latin 2
19 - 858 Multilingual (Latin+Euro)
21 - 862 Hebrew
22 - 864 Arabic
24 - 1253 Windows Greek
25 - 1254 Windows Turkish
26 - 1257 Windows Baltic
27 - 1256 Windows Arabic (Farsi)
28 - 1251 Windows Cyrillic
29 - 737 Greek
31 - Thai character code page 14
33 - 1255 Hebrew New code
34 - Thai character code page 11
36 - 855 Cyrillic
37 - 857 Turkish
250-LITHUANIA

. Supported International Character Set

0 - U.S.A.
1 - France
2 - Germany
3 - U.K.
4 - Denmark I
5 - Sweden
6 - Italy
7 - Spain I
8 - Japan
9 - Norway
10- Denmark II
11- Spain II
12- Latin America
13- Korea
15- Ex-Yugoslavia