BIXOLON®

Setup Utility Guide

OPOS Driver

Rev. 3.00

http://www.bixolon.com

Introduction

This is a manual about how to register and configure POSPrinter, LineDisplay, MSR produced by BIXOLON with BIXOLON OPOS Driver.

[Further Source]
OLE for Retail POS committee available from http://monroecs.com/opos.htm
Driver Update from http://www.bixolon.com

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1. BIXOLON OPOS Setup

• After BIXOLON OPOS Driver installation, execute “BIXOLON OPOS Setup” to register or configure devices.

* “BIXOLON OPOS Setup” that is located in.
* Start> Programs> BIXOLON OPOS Driver> “OPOS SETUP UTILITY”
* When OPOS SETUP UTILITY runs, the main screen appears.

1-1 POSPrinter Registration

1) Click “Add Device” button.

2) Select “POSPrinter” in Device Category.

3) Select the desired printer model from the Device List and select the "NEXT" button.

4) Set the communication environment of the connected printer and click “SAVE” or “OK” button.

Caution or Warning	- **Please check the 'Log' and 'Binary' checkbox when it's necessary only. Otherwise Hard Drive capacity will be lack of containing other files due to the 'Log' and 'PRN' checkbox function.** - **OPOS log files can be found in the following locations.** *** Windows XP** => C:\Program Files\OPOS\BIXOLON OPOS DRIVER\Log *** VISTA and later - user account** => C:\users\<accounts name>\AppData(hidden folder)\Local\VirtualStore\Program Files\OPOS\BIXOLON OPOS DRIVER\Log *** VISTA and later - administrator account** => C:\Program Files\OPOS\BIXOLON OPOS DRIVER\Log

5) Click “Advanced” button to set values related to advanced settings.

6) Can set Image Print options and Default font, Characterset, Thai Combination, International charaset, etc.

Caution or Warning	- If the settings of default font, characterset, international characterset, etc. are overlapped, the settings of the program are applied first.

7) It is possible to adjust the brightness of an image, and to select image-processing options. Click "Save" button to save the values.

Caution or Warning	- The image processing options can only be applied to "PrintBitmap" function. - Garyscale printing is available on only printer supported.

8) If the "CheckHealth" button is selected and the following screen is displayed, communication with the printer is normally connected.

<POSPrinter CheckHealth Dialog >

Item	Description
Logical Device Name (LDN) [Edit Box]	The device can be used with the new LDN value.
Port [Drop List Combo Box]	Port setting
Bits per second [Drop List Combo Box]	If serial port is used, set Baudrate.
But Length [Drop List Combo Box]	If serial port is used, set Bit Length
Parity Bits [Drop List Combo Box]	If serial port is used, set Parity Bit
Stop Bits [Drop List Combo Box]	If serial port is used, set Stop bit
Handshake [Drop List Combo Box]	If serial port is used, select Handshake type.
Input Buffer (byte) [Edit Box]	Select the input buffer size. (32 to 8192)
Output Buffer (byte) [Edit Box]	Select the input buffer size. (32 to 4096)
CheckHealth	Summon the device's CheckHealth (Level = OPOS_CH_INTERACTIVE) function. (This function can check the status of the printer.)
Apply or OK [Button]	Saves the current setting.
Cancel [Button]	Exit without saving the current setting.

1-2 CashDrawer Registration

1) Click “Add CashDrawer” button.

2) From the connected printer list, select the desired printer with CashDrawer.

Caution or Warning	- If the Cashdrawer connected printer is not listed, add the printer first.

3) Set up CashDrawer and click “SAVE” or “OK” button.

4) If "CheckHealth" button is selected and the following screen is displayed, communication with CashDrawer is normally connected.

<CashDrawer CheckHealth Dialog >

Caution or Warning	- If the cash drawer is not open after selecting the button of Open Drawer, it is necessary to change 'Pin Number Setting' on device circumstance setting of the cash drawer. - You shall adjust the Pin level setting, if the cash-drawer status changed from 'open' to 'close'.

Item	Description
Pin Number	Set the pin number of cashdraw output signal connector. (default: 2)
Open Level	Set the closed state signal of the cashdraw. (default: Low)
Pulse ON time	Set the ON time of the output signal. (default: 400 msec)
Pulse OFF time	Set the OFF time of the output signal. (default: 100 msec)
CheckHealth	Summon the device's CheckHealth (Level = OPOS_CH_INTERACTIVE) function. (This function can check the status of the cashdraw.

1-3 LineDisplay Registration

1) Click “Add Device” button.

2) Select “LineDisplay” in Device Category.

Caution or Warning	- BCD-2000K is the compatible mode of BCD-2000. It is possible to set compatibility mode by Customer Display Utility.

3) Select LineDisplay model and click “NEXT” button.

4) If BCD-2000 or BCD-3000 is selected and BCD VCom Driver is not installed, the following message appears. Select "Yes" to install the BCD VCom Driver.

Caution or Warning	- When connecting using USB cable, BCD VCom Driver should be installed.

5) After setting the communication type and device of LineDisplay, select "OK" button.

6) The BCD-3000 can be connected through the SRP-Q300 or SRP-Q302 printer.
After selecting Through connected printer, select BCD-3000 connected printer from the list.

Caution or Warning	- If "Through connected printer " button is selected and the following screen is displayed, add the printer first.

7) If "CheckHealth" button is selected and the following screen is displayed, communication with LineDisplay is normally connected.

1-4 MSR Registration

1) Click “Add Device” button.

2) Select “MSR” in Device Category list.

3) Select MSR model and click “NEXT” button.

4) After setting the communication type and device of MSR, select "OK" button.

5) If "CheckHealth" button is selected and the following screen is displayed, communication with MSR is normally connected. When the card is swiped, please check the screen whether the card information is displayed correctly.

1-5 Port range setting

• If port number supported by system does not appear when setting up device's communication, set the range of port number from the screen below that appears by selecting the "Set Port Range" button on the main screen of Setup Utility.

Caution or Warning	- If select the port that the system doesn't have, the device won't operate.

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Warning - U.S.A

This equipment has been tested and found to comply with the limits for a Class A digital device pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

Notice - Canada

This Apparatus complies with class “A” limits for radio interference as specified in the Canadian department of communications radio interference regulations. Get appareil est conforme aux normes class “A” d’interference radio tel que specifier par ministre canadien des communications dans les reglements d’interference radio.

Caution

Some semiconductor devices are easily damaged by static electricity. You should turn the printer “OFF”, before you connect or remove the cables on the rear side, in order to guard the printer against the static electricity. If the printer is damaged by the static electricity, you should turn the printer “OFF”.

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Revision history

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