

POS Thermal Receipt Printer

A11 Prime



Setup Utility Guide
OPOS Driver

Table of Contents

- 1. Manual Information 3
- 2. Posbank OPOS Setup 4
 - 2-1 POSPrinter Registration 4
 - 2-2 CashDrawer Registration 8

1. Manual Information

This is a manual about how to register and configure POSPrinter produced by Posbank with Posbank OPOS Driver.

[Further Source]

OLE for Retail POS committee available from <http://monroecs.com/opos.htm>

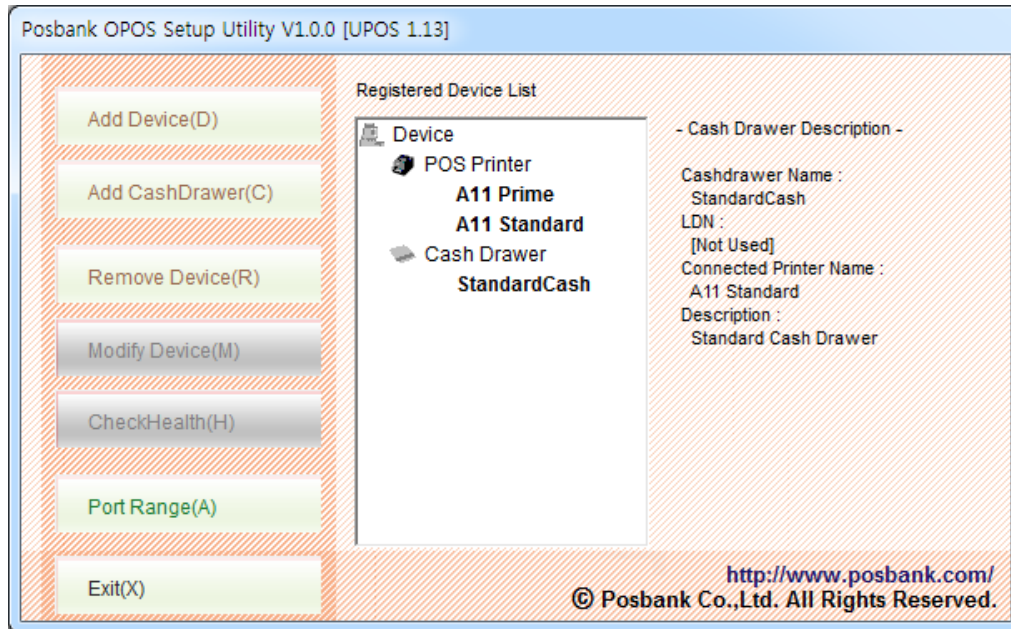
Driver Update from <http://www.posbank.com>

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

2. Posbank OPOS Setup

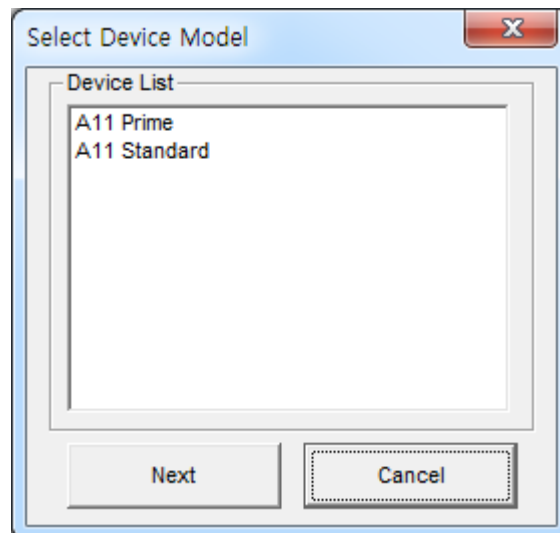
After installation execute “Posbank OPOS Setup” to register or configure devices, “Posbank OPOS Setup” that is located in.

Start> Program> Posbank OPOS Driver> “OPOS SETUP UTILITY”



2-1 POSPrinter Registration

1) Click “Add Device” button.



- 2) Select “POSPrinter” in Device Category list.
- 3) Select printer model and Click “NEXT” button.

Device Name: A11 Prime

Local Device Name(LDN): Type1

Port Settings

Select Interface: ☒ Serial (☐ Bluetooth) ☐ USB ☐ Ethernet ☐ Wireless)

Port: COM1

BaudRate: 9600

BitLength: 8

Parity: NONE

StopBit(s): 1

Flow Control: DTR/DSR

Input Buffer: 8192

Output Buffer: 8192

Output Interval Time: 0

Input Sleep Time: 0

☐ Log ☐ Binary

Check & Health

Advanced OK Cancel

<http://www.posbank.com/>
© Posbank Co.,Ltd. All Rights Reserved.

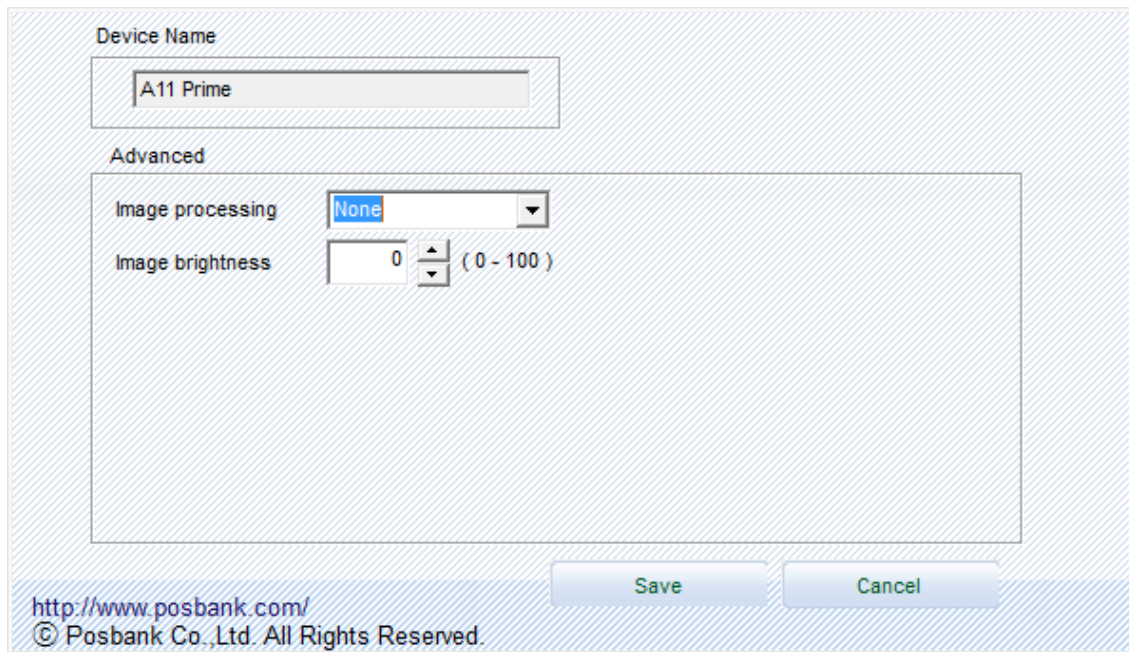
- 4) Set the communication environment of the connected printer and click “SAVE” or “OK” button.

*** 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\Posbank OPOS DRIVER\Log
- VISTA and later - user account
 - : C:\users\<accounts name>\AppData(hidden folder)\Local\Virtual-Store\Program Files\OPOS\Posbank OPOS DRIVER\Log
- VISTA and later - administrator account
 - : C:\Program Files\OPOS\Posbank OPOS DRIVER\Log

5) Click “Advanced” button to set values related to image printing.



Device Name

A11 Prime

Advanced

Image processing: None

Image brightness: 0 (0 - 100)

Save Cancel

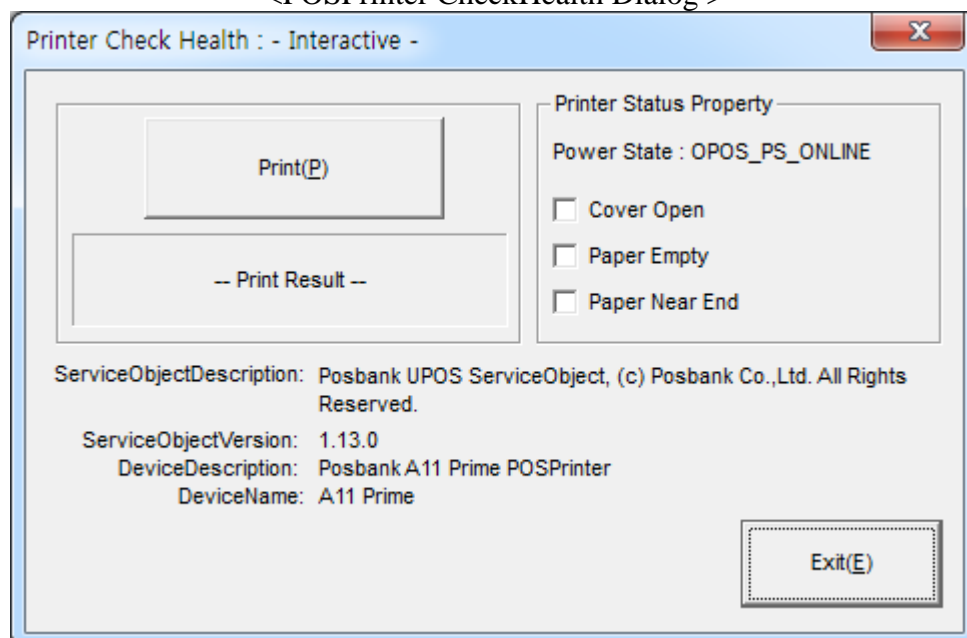
<http://www.posbank.com/>
© Posbank Co.,Ltd. All Rights Reserved.

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

* The image processing options can only be applied to "PrintBitmap" function.

7) Click “Checkhealth” to see if the printer operates properly.

<POSPrinter CheckHealth Dialog >



Printer Check Health : - Interactive -

Print(P)

-- Print Result --

Printer Status Property

Power State : OPOS_PS_ONLINE

☐ Cover Open

☐ Paper Empty

☐ Paper Near End

ServiceObjectDescription: Posbank UPOS ServiceObject, (c) Posbank Co.,Ltd. All Rights Reserved.

ServiceObjectVersion: 1.13.0

DeviceDescription: Posbank A11 Prime POSPrinter

DeviceName: A11 Prime

Exit(E)

Item	Description
Logical Device Name (LDN) [Edit Box]	New Logical Device Names can be modified by typing the name in the box and then pressing the OK button.
Port [Drop List Combo Box]	Port setting.
Bits per second [Drop List Combo Box]	Baud rate setting for the COM port. This setting will be restricted according to the limitations of the device. If using parallel port, this control can not set and reference.
But Length [Drop List Combo Box]	Bit length setting for the COM port. This setting will be restricted according to the limitations of the device. If using parallel port, this control can not set and reference.
Parity Bits [Drop List Combo Box]	Parity setting for the COM port. This setting will be restricted according to the limitations of the device. If using parallel port, this control can not set and reference.
Stop Bits [Drop List Combo Box]	Stop bit setting for the COM port. This setting will be restricted according to the limitations of the device. If using parallel port, this control can not set and reference.
Handshake [Drop List Combo Box]	Handshake setting for the COM port. This setting will be restricted according to the limitations of the device. If using parallel port, this control can not set and reference.
Input Buffer (byte) [Edit Box]	Input buffer size for the COM port. Valid size must be from 32 to 8192. If using parallel port, this control can not set and reference.
Output Buffer (byte) [Edit Box]	Output buffer size for the COM and LPT port. Valid size must be from 32 to 4096.
Output Interval Time (msec) [Edit Box]	Sets the interval between retries (amount of time passed to the Win 32 API Sleep function) if there has been an error during output. Valid time value must be from 0 to 9999. For a slave device, this is disabled.
Input Sleep Time (msec) [Edit Box]	Sets an interval to be set (amount of time passed to the Win32 API Sleep function: not assistance) to cause the Device to sleep during input Valid time value must be from 0 to 99. For a slave device, this is disabled.
CheckHealth	Invoke the CheckHealth method for this device with Level = OPOS_CH_INTERACTIVE. (This method inform status of printer.)
Apply or OK [Button]	Save current settings and exit.
Cancel [Button]	Discard current settings and exit.

2-2 CashDrawer Registration

- 1) Click “Add CashDrawer” button.
- 2) Select the printer connected to Cashdrawer among the registered printers.

Select Connected Printer Model

A11 Prime
A11 Standard

Cancel

<http://www.posbank.com/>
© Posbank Co.,Ltd. All Rights Reserved.

This screenshot shows a dialog box titled "Select Connected Printer Model". It contains a list box with two items: "A11 Prime" and "A11 Standard". A "Cancel" button is located at the bottom right. The footer contains the URL "http://www.posbank.com/" and the copyright notice "© Posbank Co.,Ltd. All Rights Reserved."

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

Cashdrawer

Cashdrawer name: A11 Prime
Cash: StandardCash

Connected Printer

Pin Number Setting

☒ Number 2 ☐ Number 5

Pin Level Setting

☐ Low(0) ☒ High(1)

Pulse On Time: 400
Pulse Off Time: 100

CheckHealth(H)

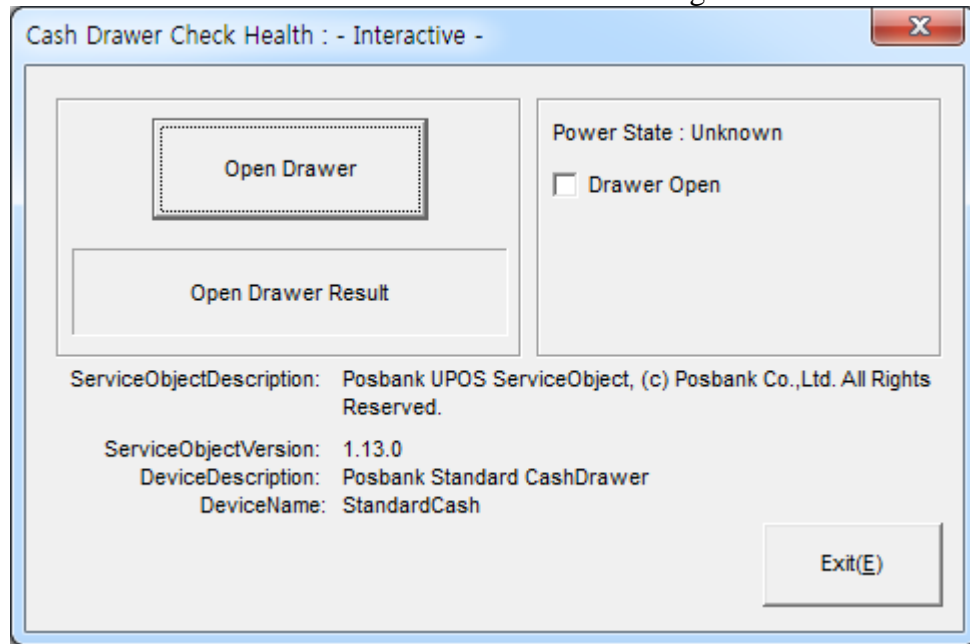
Save OK Cancel

<http://www.posbank.com/>
© Posbank Co.,Ltd. All Rights Reserved.

This screenshot shows the "CashDrawer" configuration window. It has several sections: "Cashdrawer" with fields for "Cashdrawer name" (A11 Prime) and "Cash" (StandardCash); "Connected Printer" with an empty field; "Pin Number Setting" with radio buttons for "Number 2" (selected) and "Number 5"; "Pin Level Setting" with radio buttons for "Low(0)" and "High(1)" (selected); "Pulse On Time" (400) and "Pulse Off Time" (100) fields; a "CheckHealth(H)" button; and "Save", "OK", and "Cancel" buttons at the bottom. The footer contains the URL "http://www.posbank.com/" and the copyright notice "© Posbank Co.,Ltd. All Rights Reserved."

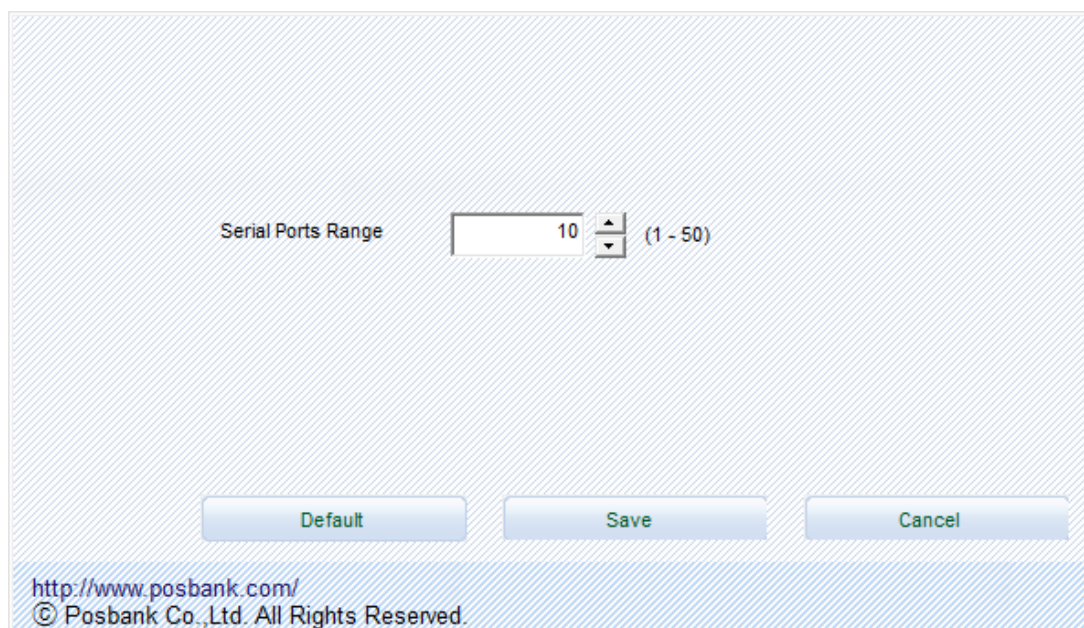
4) Click “Checkhealth” to see if the printer operates properly.

<CashDrawer CheckHealth Dialog >



Item	Description
Pin Number	Pin Number of drawer kick connector outputting signals. (Default Value: Pin 2)
Open Level	This shows the symbol (Low/High) status when the drawer is closed. The status (Low.High) can be chosen from Open Level Frame. (Default Value: Low)
Pulse ON time	Pulse ON Time outputting the specified pin in Connector Pin No. (Default Value: 400 msec)
Pulse OFF time	Pulse OFF Time outputting the specified pin in Connector Pin No. The unit is millisecond. (Default Value: 100 msec)
CheckHealth	Invoke the CheckHealth method for this device with Level = OPOS_CH_INTERACTIVE. (This method inform status of cashdrawer.)

- * If the system has more ports than the default port range of OPOS Setup Utility, click “Port Range” button and set the port range.
- * If you select the port that the system doesn’t have, the device won’t operate.



The screenshot shows a dialog box titled "Serial Ports Range". It features a text input field containing the number "10" and a spinner control to its right. To the right of the spinner is the text "(1 - 50)". Below the input field are three buttons: "Default", "Save", and "Cancel". At the bottom of the dialog box, there is a footer containing the URL "http://www.posbank.com/" and the copyright notice "© Posbank Co.,Ltd. All Rights Reserved."