BIXOLON®

Software Manual
Virtual Memory Switch Manager

Rev. 1.01   **SRP-F310**
SRP-F312

http://www.bixolon.com
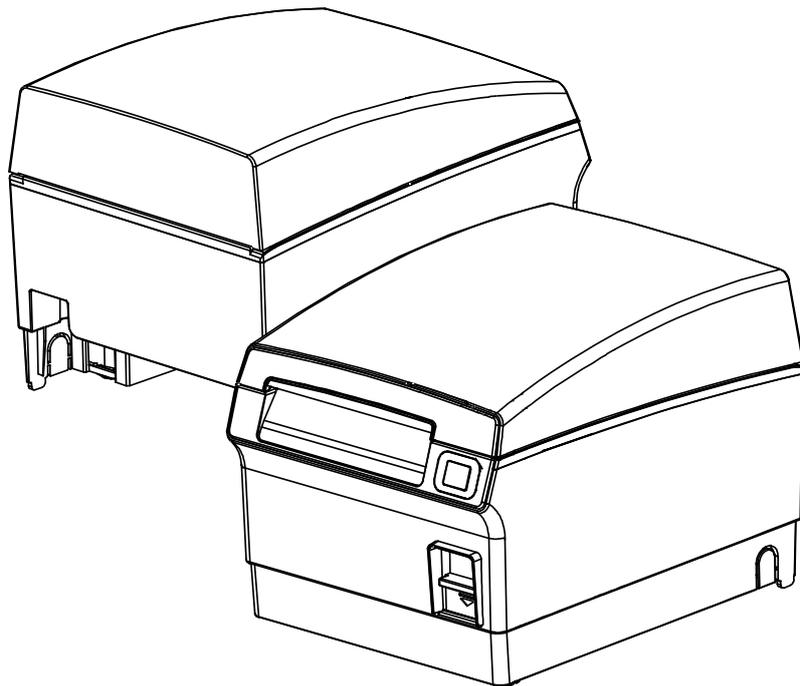
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1. Manual Information

The purpose of this manual is to provide information on the operation and usage instructions of the Virtual Memory Switch Manager Utility for the BIXOLON Thermal Printers.

We at BIXOLON 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. Usage Environment

2-1 Operating System

Following operating systems are supported for usage.

Microsoft Windows XP (32bit/64bit)
Microsoft Windows Server 2003 (32bit/64bit)
Microsoft Windows Embedded For Point Of Service
Microsoft Windows VISTA (32bit/64bit)
Microsoft Windows Server 2008 (32bit/64bit)
Microsoft Windows 7 (32bit/64bit)
Microsoft Windows 8 (32bit/64bit)

2-2 Interface

Use of this Utility is supported on the following Interface.

Serial (RS-232)
Parallel
USB
Ethernet

3. Ready to VMSM

VMSM is included in the enclosed CD, and Latest file versions can be downloaded from the BIXOLON website.
(**www.bixolon.com**)

4. Usage of VMSM

4-1 Printer Communication Setting

To use the VMSM (Virtual Memory Switch Manager), It is necessary to set the status of communication between Printer and PC.

1) Run the "VMSM" program.

2) Upon initiation of the program, the following pop-up window will appear.
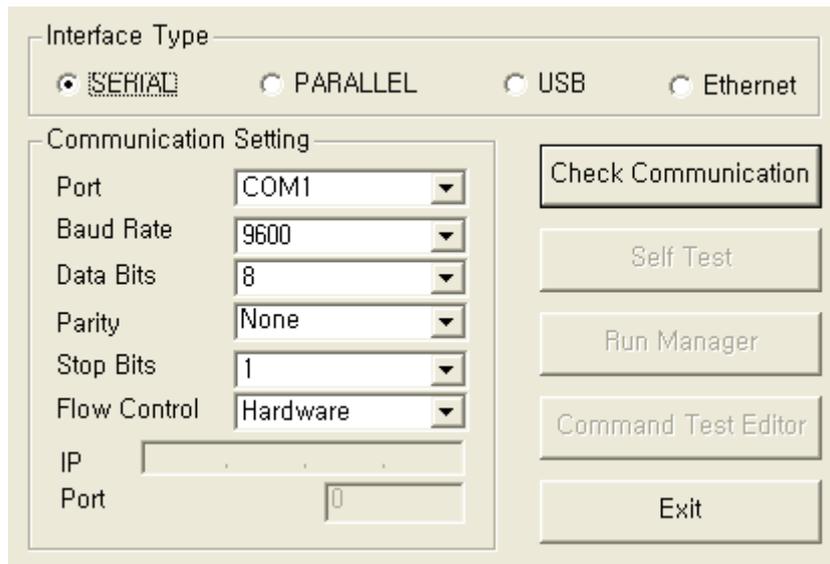
3) Select the Interface Type.

    - SERIAL
    - PARALLEL
    - USB
    - Ethernet

In the Serial Interface, match the communication setting (COM Port Number and Baud Rate) to those of the Printer.

4) Click the "Check Communication" button, and Check the Current Communication Status.

5) If communication is okay, the Self Test button, Run Manager button and Command Test Editor button become available for selection.
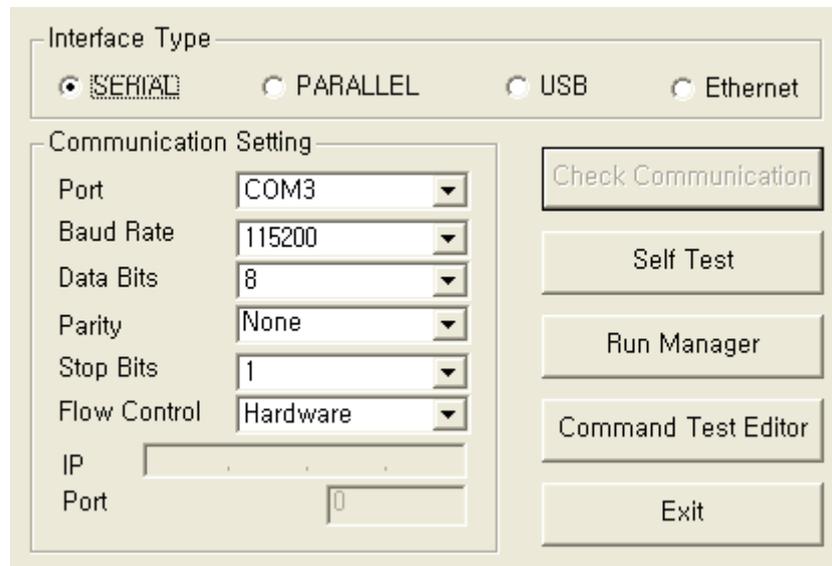
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┌─ Interface Type ──────────────────────────────────────┐
│  ⦿ SERIAL      ○ PARALLEL      ○ USB      ○ Ethernet  │
│ ┌─ Communication Setting ────────┐  ┌───────────────┐ │
│  Port          [COM3        ▼]     │ Check Communication │
│  Baud Rate     [115200      ▼]                          │
│  Data Bits     [8           ▼]     [    Self Test     ] │
│  Parity        [None        ▼]                          │
│  Stop Bits     [1           ▼]     [   Run Manager    ] │
│  Flow Control  [Hardware    ▼]                          │
│  IP            [  .    .    . ]    [Command Test Editor] │
│  Port          [0          ]       [      Exit        ] │
└───────────────────────────────────────────────────────┘
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[Self Test]: Pressing this button prints the self-test page of the printer.

[Run Manager]: Pressing this button opens a window for memory switch settings of the printer.

[Command Test Editor]: Pressing this button opens a window for command test of the printer.

4-2 Getting the Memory Switch Status of the Printer

1) If the Communication Setting is OK, click the "Run Manager" button.
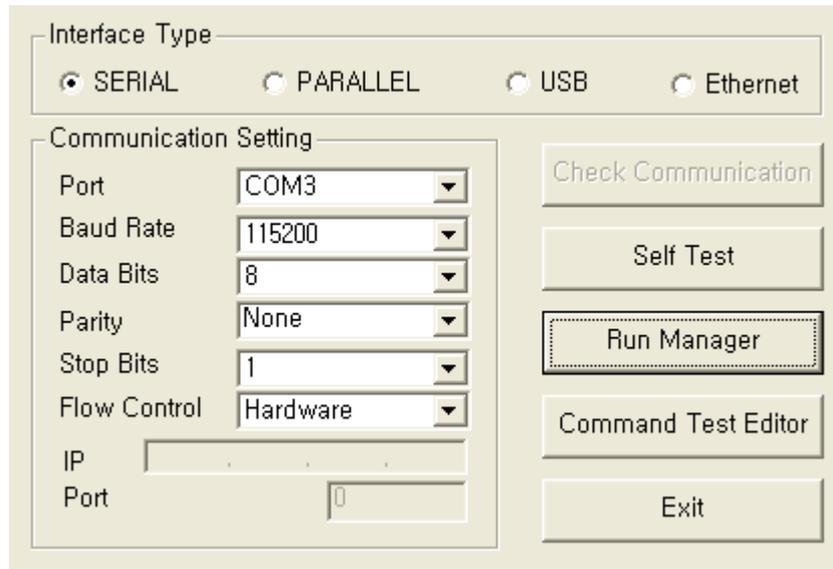
2) Click the "Get Status" button. It gets the status of the Printer Setting.
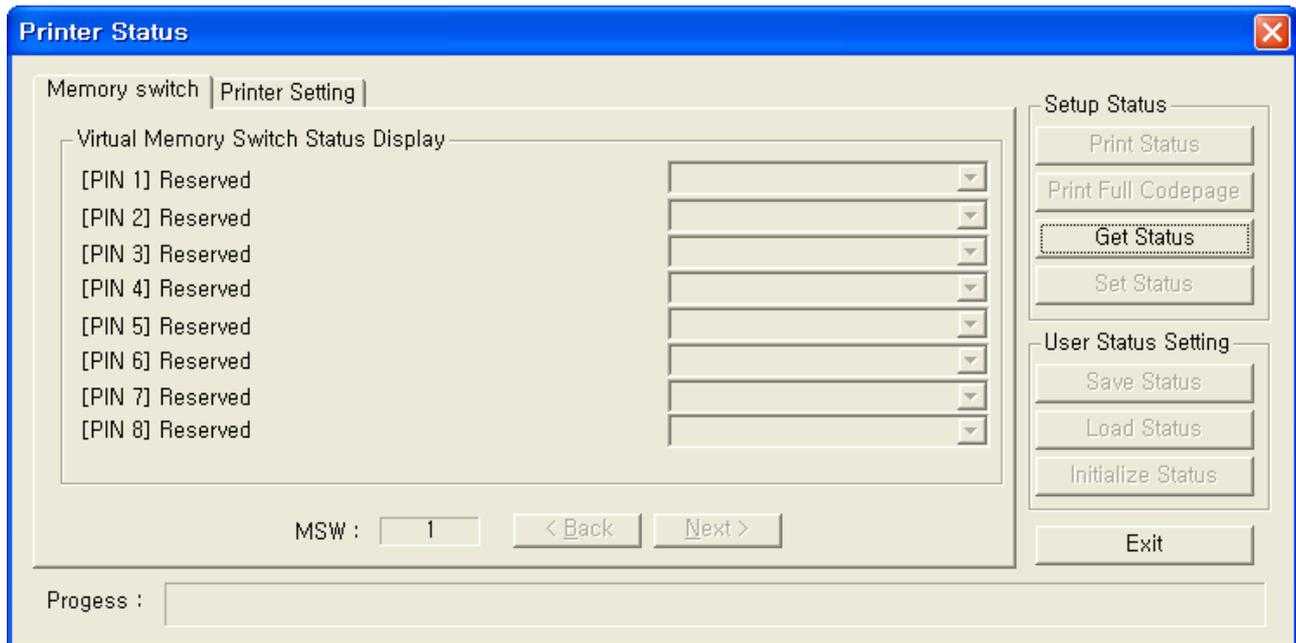
3) The "Memory switch" Tab in the Printer Status window displays the current virtual memory switch settings of the printer, and allows new settings to be defined.
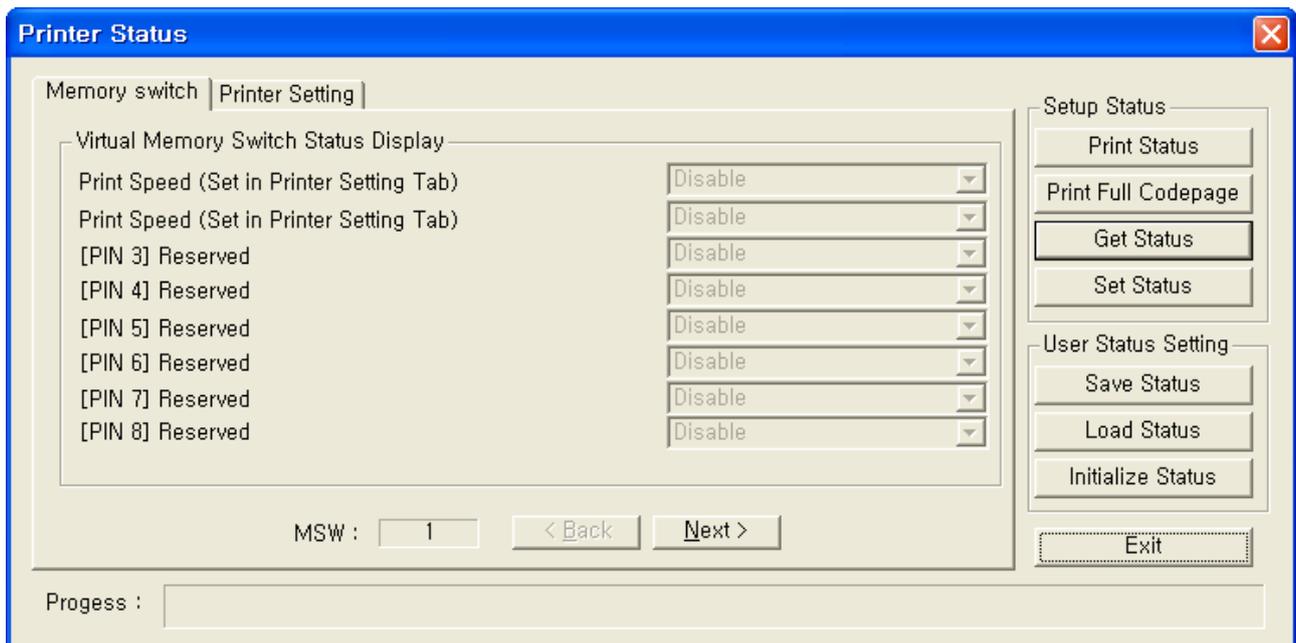
4) The "Printer Setting" Tab displays Serial communication settings, printer information, and code page information, and allows new settings to be defined.
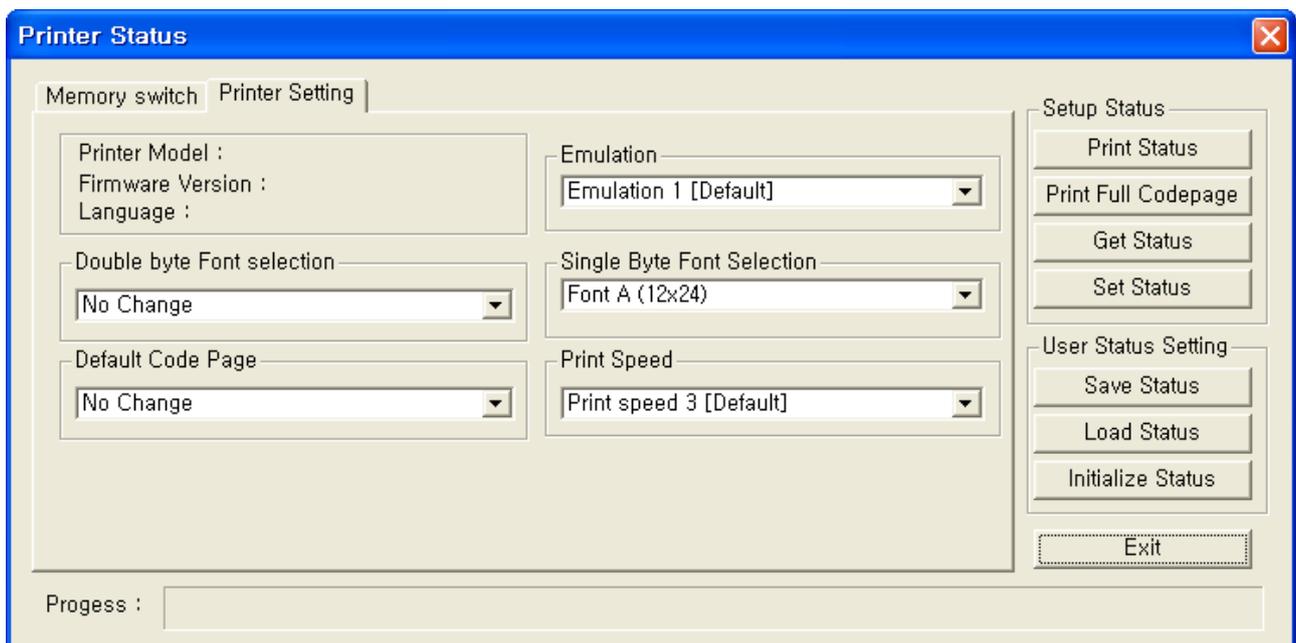
4-3 Setting the memory switch status of the Printer

After getting the memory switch status of the printer, the status of the printer can be modified.
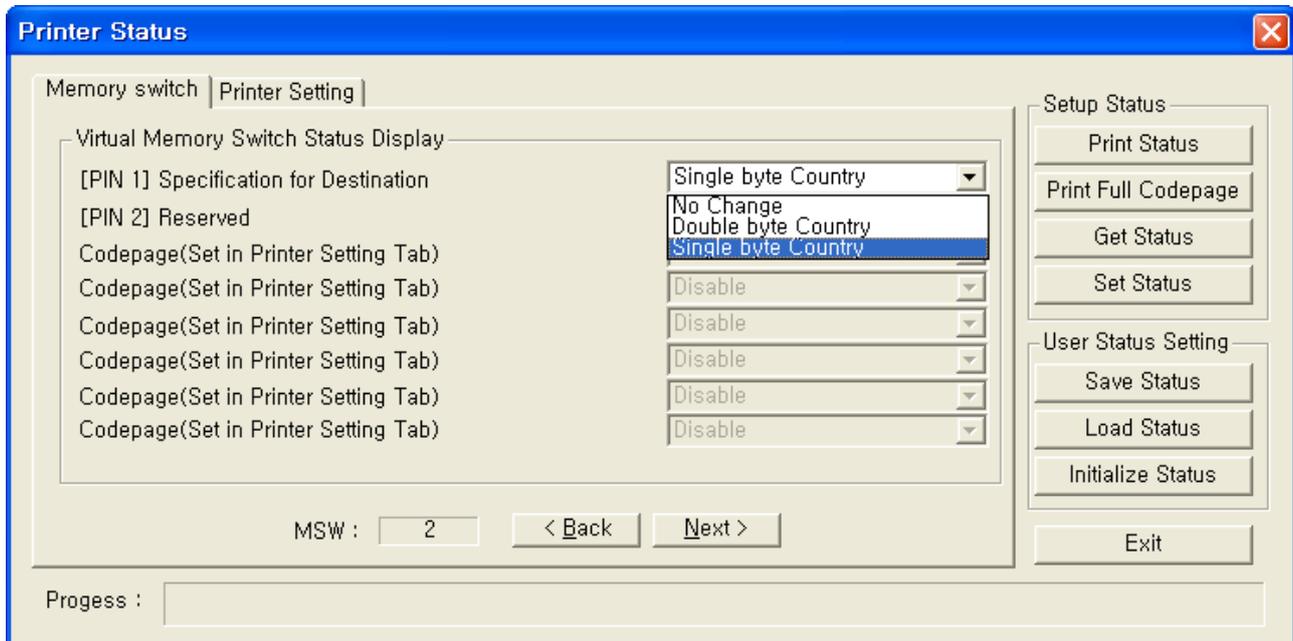

1) "Get Status"
   Pressing this button displays the current memory switch settings read from the printer.

2) "Set Status"
   Pressing this button allows the user to designate switch settings of the printer.

3) "Save Status"
   Pressing this button saves the current memory switch settings to file.

4) "Load Status"
   Pressing this button loads and displays the previously-saved memory switch settings file.

5) "Initialize Status"
   Pressing this button resets the memory switch settings.

6) "Default Code Page Combo Box"
   The user may select and set the default code page.
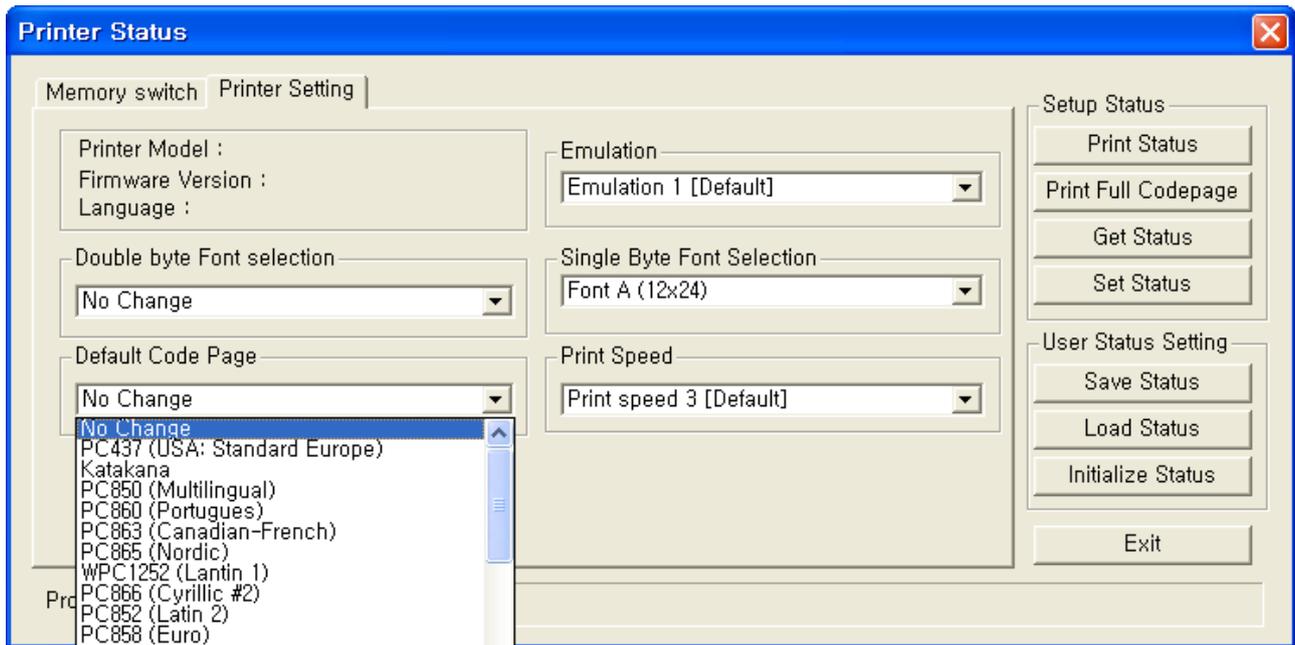
4-4 Using the Command Test Editor

1) If the Communication Setting is OK, click the "Command Test Editor" button.
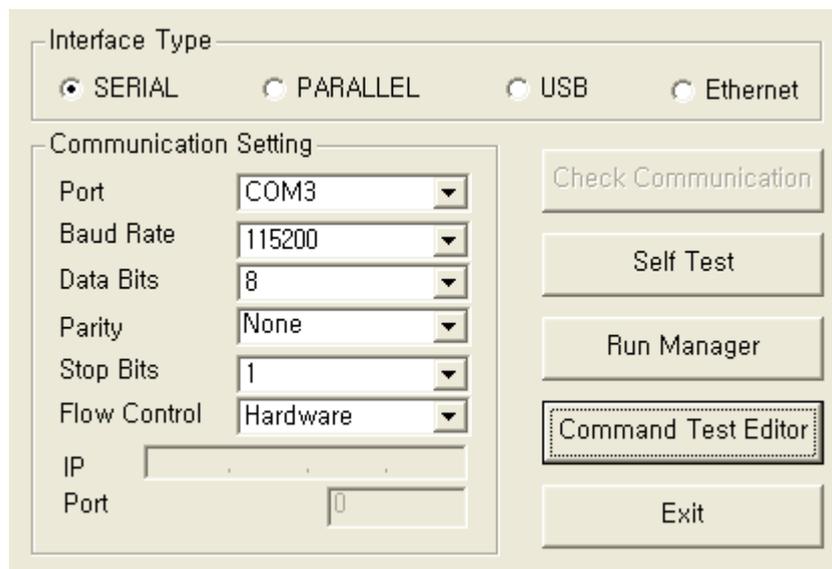
2) If the "Command Test Editor" button is pressed, the following dialog box will appear.
Using this Dialog, the user can write and edit the command and send to the printer.
Each button of "Printing Option" and "Etc" group can insert commands to edit box.
Also "Write Command" button can transfer these commands to the printer. To verify the
result of sending the command can use the "Print Test String" button.

Command Test Editor

Command (Hex Value, Ex: 1d 61 ff 0a)

Write to the Printer
Write Command

Test Printing
Print Test String

* After Editing the Command, Click the Command Write Button to send the Printer

Printing Option
Font
Font A   Font B   Line Spacing   Select Codepage   ☐ Bold   ☐ Underline

Alignment
Left Alignment   Center Alignment   Right Alignment

Cut and Feeding
Paper Cut   Feed

Etc
NV Image
Print NV Image

Cash Drawer
Open Drawer1 50ms(2pin)   Open Drawer2 50ms(5pin)

Clear   Save   Load   Close