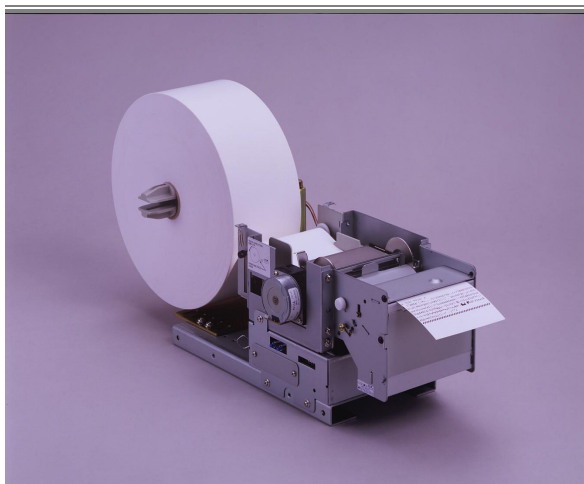


KPU-S Series Printer
Setup Utility and Communication Library
Reference Manual



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First Edition: October 2003

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1. INTRODUCTION

This package ("SOFTWARE") includes a printer utility software to enable the setup of the KPU-S Series printer ("PRINTER") made by Seiko Instruments Inc. (hereinafter referred to as "SII") and communication software for the printer, that works on the English version of Microsoft Windows 2000/XP ("WINDOWS").

This utility software enables printer hardware setting on the computer, test printing, hardware resetting, and automatic paper collection time setting of the presenter.

If the library for communication ("LIBRARY") attached to SOFTWARE is incorporated into the applications you develop, it is easily possible to get the status from the printer and send data to the printer.

This SOFTWARE operates on the dedicated printer driver for this printer for PRINTER ("PRINTER DRIVER"). Therefore, be sure to check that such PRINTER DRIVER is already installed before installing this SOFTWARE.

2. SYSTEM REQUIREMENTS

2.1 Host Computer

PC-AT Compatible (DOS/V)

2.2 Operating System

- Microsoft Windows 2000 Professional English version (Service Pack 4 or later)
- Microsoft Windows XP Home Edition (Service Pack 1 or later)
- Microsoft Windows XP Professional English Edition (Service Pack 1 or later)

2.3 Interface

- Serial (RS-232C) (limited to 8-bit length)
- Parallel (Only for computer that supports nibble mode)
- USB (Universal Serial Bus)

2.4 Printer Models

- KPU-S447S/KPU-S347S Series (Serial communication)
- KPU-S447P/KPU-S347P Series (Parallel communication)
- KPU-S447U/KPU-S347U Series (USB (Universal serial bus) communication)

3. INSTALLATION

3.1 Overview

Use the installer to install this SOFTWARE.

Install the SOFTWARE according to the following procedures.

3.2 Preparation Before Installation

Be sure to check the followings before installation.

- Install the printer PRINTER DRIVER before installing this SOFTWARE.
If the PRINTER DRIVER is not installed, this SOFTWARE cannot be installed.
- If the old version SOFTWARE is already installed, uninstall it from the "Add/Remove Programs" on "Control Panel."
- If the printer drivers or communication software made by other companies are allocated to the same port, delete all of them before installation.

3.3 Installation Procedures

Install the SOFTWARE according to the following procedures.

- (1) Execute "SetupAPIxxx.exe." xxx: installer's version number
- (2) In the InstallShield Wizard, the Setup Type Screen (Figure 3-1) will be displayed after the Software License Agreement appears. Then, specify the type of installation you prefer.
 - Typical: All other than the sample program are installed.
 - Compact: Only LIBRARY is installed.
 - Custom: Installation setup you desire
- (3) When "Typical is selected and installation is completed, [SII Printer Software] is available in [Program] from Windows [Desktop] - [Start] - [Start Menu]. In the [SII Printer Software], the "Printer Hardware Settings", and "Presenter Automatic Paper Collection Time Settings" programs are registered.
When "Custom" is selected and then all items on the software selection screen are checked, the software and the sample program source are installed to the specified location. Also, the shortcut of the sample program is created on the desktop.

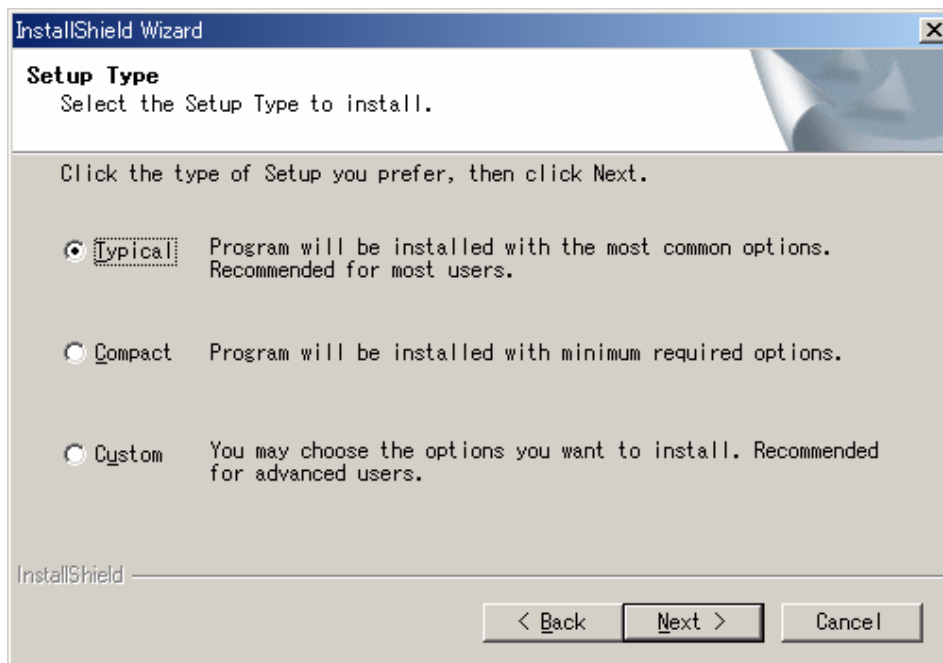


Figure 3-1 Setup Type Screen

3.4 Uninstall

Select [SII Printer Software] from the [Control Panel] - [Add/Remove Programs] dialog, click the [Add/Remove] button and uninstall this SOFTWARE according to the instructions of the wizard.

3.5 Precautionary Information

- LIBRARY is installed into system32 folder of the Windows.
- LIBRARY cannot be omitted even when using the custom installation because the software always uses LIBRARY.
- Coexistence with the old version cannot be allowed.
- If LIBRARY does not work after installation, it is recommended that the computer be rebooted.

4. PRINTER HARDWARE SETTINGS

4.1 Overview

The Software DIP Switch Settings of the printer on the computer can be changed by using the Printer Hardware Setting Software.

For details of each setting, refer to the “KPU-S347/KPU-S447 THERMAL PRINTER UNIT TECHNICAL REFERENCE.”

The Printer Hardware Setting Software includes a printer status indication function, too.

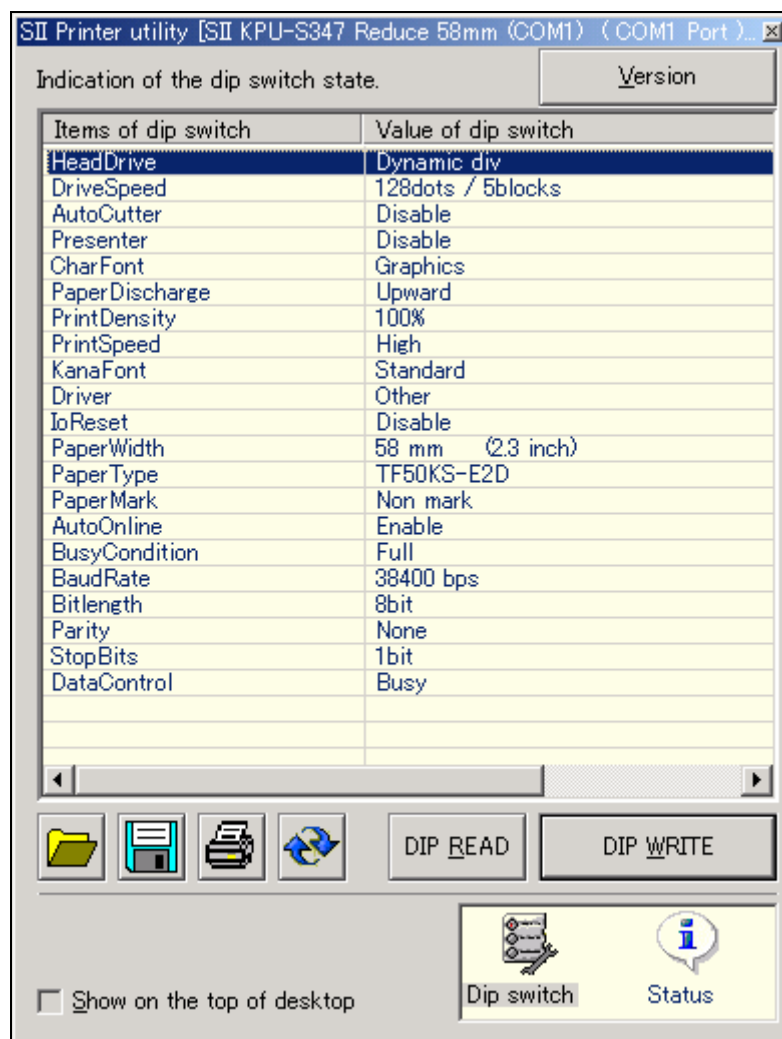



Figure 4-1 Printer Hardware Setting Software Screen

4.2 Changing Hardware Settings

How to change the Software DIP Switch Settings using the Printer Hardware Setting Software is described below.

- (1) Select [Programs] - [SII printer software] - [Printer hardware setup] from [Desktop]-[Start] in the WINDOWS, and start the "SII printer hardware setup."
- (2) After execution of the printer hardware setting software, the name of the printer that is now installed is displayed.


Select a printer name you desire and click  button.

Click  button to stop.

- (3) When the connection is completed successfully, the current setting is listed (Figure 4-1). If not, an error warning is displayed and printer hardware setting screen becomes invalid.

In this case, click  or  button.

- (4) When changing Software DIP Switch Settings, double-click the item you wish to change. The color of the selected column will be reversed and the column will turn into edit mode. Then select or type in an item.

- (5) If you wish to return to the setting saved in the file, click  button located on the lower left of the screen to display the file selection screen.

Then open the file with extension "dip."

If you wish to return to default setting, open the "Default 347/447xxx.dip" file to be installed in advance.


The setting returns to the default setting.


- (6) After checking the setting of registration, click  button located on the lower left of the screen to register setting to the printer.


- (7) When checking the changed setting, click  button located on the lower left of the screen to print the setting data.

- (8) When saving the current setting in the file, click  button located on the lower left of the screen to display the file name-specifying screen.

Then specify the file name and save the setting data.

- (9) If you wish to return the setting to the current setting after editing the setting, click  button to read the printer setting again and list the setting data.

- (10) Click  button located on the lower left of the screen to reset the printer hardware.

- (11) Click  button located on the upper right of the screen to quit the program.

4.3 Changeable Settings

All settings of the "Software DIP Switch Settings" are changeable.

Some settings differ depending on the connection port type.

For details, refer to "KPU-S347.KPU-S447 THERMAL PRINTER UNIT TECHNICAL REFERENCE."

All settings can be changed using the Hardware Setting Software depending on the "Software DIP Switch Settings."

Some settings should not be changed for the following reasons.

If you wish to change any those of settings, understand the followings after carefully referring to "KPU-S347.KPU-S447 THERMAL PRINTER UNIT TECHNICAL REFERENCE."

(1) Head Drive

This setting depends heavily on the printer structure.

There is the possibility of shortening the printer head life span.

(2) Drive Speed

This setting depends heavily on the printer structure.

There is the possibility of shortening the printer head life span.

(3) Print Density

High density setting may have a serious impact on the printer head.

There is the possibility of shortening the printer head life span.

(4) Busy Condition

When "Full/Offline" is set to this setting, data cannot be transmitted to the printer except where the printer is ready to print. The range of the printer operation is limited.

(5) Bit Length (only for serial interface)

When 7-bit is set to this setting, this SOFTWARE cannot be used.

Once 7-bit is set to this setting, it is necessary to return this setting as it was from the printer side.

When changing this setting from the printer side, refer to "KPU-S347.KPU-S447 THERMAL PRINTER UNIT TECHNICAL REFERENCE."

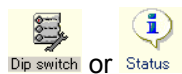
(6) Status (only for parallel interface)



When "Enable" is set to this setting, the printer is in busy status except where the printer is ready to print.

The range of the printer operation is limited.

4.4 Other Functions


4.4.1 Status Indication




Left-click on the menu icons  or  being displayed on the lower right of the initial screen to alternate "Software DIP Switch Settings" and "Status display" screens.

"Software DIP Switch Settings" Screen (Figure 4-2) is the default screen.



Left-click on the menu icon  to alternate screen to "Printer Status Indication Screen" (Figure 4-2) and to check the current printer status.



Click left on the menu icon  when the "Printer status indication" screen appears to display the "Software DIP Switch Settings" screen again.

The following sample of the Printer Status Indication Screen shows that the printer is in "cover open" and "off-line" status.

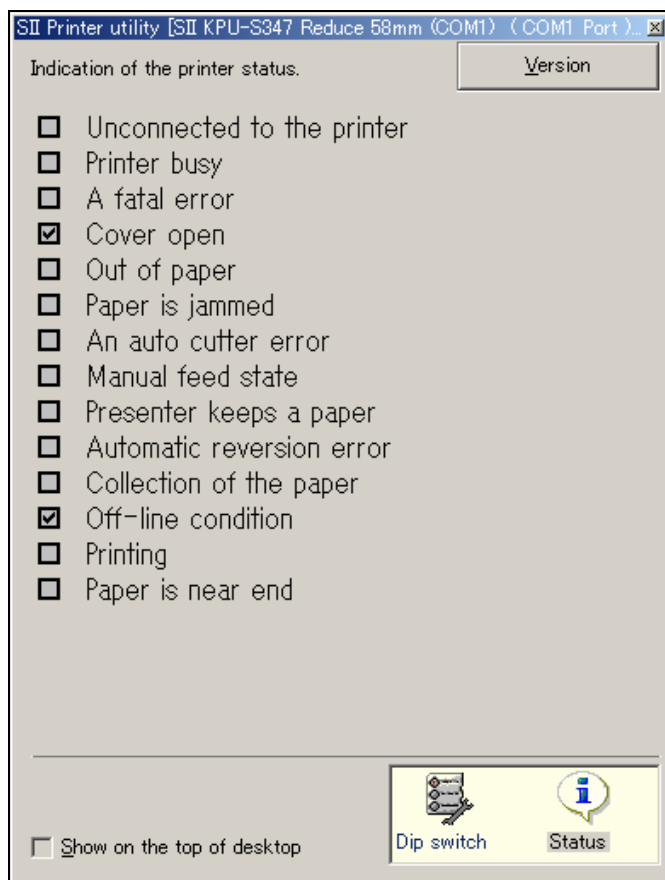



Figure 4-2 Printer Status Indication Screen

4.4.2 Version Indication

Click  button to display the version of Software DIP Switch Settings.

4.4.3 Show on the Top of Desktop Setting

Make a check to the "Show on the top of desktop" box being displayed on the lower left of the initial screen to display the screen on the top of desktop.

4.4.4 Serial Port Auto Settings

If information of "Software DIP Switch Settings" cannot be obtained even when the serial interface connection is correct at the start of the printer hardware setup software, try to obtain information in all serial port settings (baud rate, parity, stop-bit) and in case of success, set the serial port, settings at host computer side to the printer's.

Only users authorized as an administrator can use this function.

4.5 Precautionary Information



- Some settings (communication settings) in "Software DIP Switch Settings" are not allowed to change for any of non-authorized users.

5. PRESENTER AUTOMATIC PAPER COLLECTION SETTINGS

5.1 Overview

The presenter automatic paper collection setting software is used to change the automatic paper collection time of the presenter.

5.2 Changing Presenter Automatic Paper Collection Time

1. Select [Programs] - [SII Printer Software] - [Presenter collection time setup] from [Desktop] - [Start] - [Start Menu] in WINDOWS, and start the "SII Presenter collection time setup" program.
2. Input the presenter automatic collection time. The unit of input value is 1 per 0.1 seconds. The default time is 5 seconds (input value is 50).
3. Click the  button to complete presenter automatic collection time change. If you do not want to make any changes, click the  button.
4. When multiple PRINTER DRIVER are installed into the computer, the printer driver selection screen is displayed.
Specify the printer name you wish to use. (See Figure 5-2)

When the setting is completed, the printer performs reset action. Change has been completed.

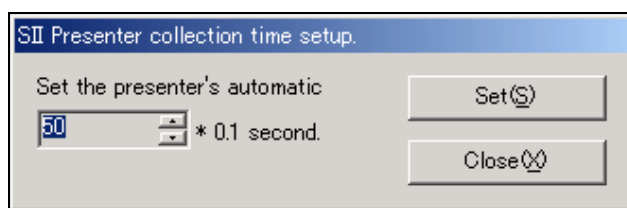


Figure 5-1 Presenter Automatic Paper Collection Time Setup Screen

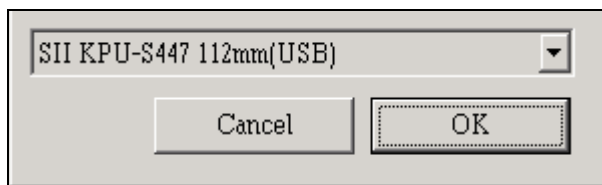


Figure 5-2 Printer Selection Screen

5.3 Precautionary Information

- The set value remains valid even after turning the printer off.
- When no presenter is mounted, only change of accepted collection time will be executed.
- The value to be displayed at start is not a current setting value.
The standard value [50] is always displayed at start.
- When [9] or smaller value is set, automatic paper collection is prohibited.

6. COMMUNICATION LIBRARY

6.1 Overview

LIBRARY is a dynamic library that provides the function to be used when you want to obtain printer status information from application software you use or send arbitrary data to the printer directly. LIBRARY has the functions listed below and operates on the PRINTER DRIVER.

6.2 Library Files

6.2.1 File Name

The file name of the library is described below.

Specify the file name described below to download the library module from the application software.

File name : **SIICIL.DLL**

6.2.2 File Storage

The library file is installed into the folder described below.

When the library file is loaded from the application software, it is not especially to move the file or to set a pass.

Storage folder : **Windows folder (Windows/Winnt)/system32**

6.3 Function List of Library for Communication

The following lists the functions covered by LIBRARY. For details on interface functions, refer to Chapter 6.5.

Function name	Description
OpenSiiPrinterA	Notifies start of communication with the printer. Used to specify the printer name in ANSI code.
OpenSiiPrinterW	Notifies start of communication with the printer. Used to specify the printer name in UNICODE.
CloseSiiPrinter	Notifies, end of communication with the printer.
GetSiiPrinterStatus	Obtains status information. Immediately responds to the status at the calling out.
GetSiiPrinterStatusEx	Obtains status information. Waits the response until a status event arises.
SetSiiPrinterData	Writes in command data to the printer. Used when you wish to synchronously transfer small data such as a control command.
SetSiiPrinterDataEx	Writes in data to the printer. Used when you wish to synchronously transfer large data such as a print data.
SetSiiPrinterReset	Executes printer hardware reset through the control line.
GetSiiPrinterMemory	Responds to the size of unused memory area.
GetSiiPrinterType	Responds to a printer type ID.
GetSiiPrinterVersion	Responds to a printer ROM version ID.

6.4 Using Function List of Communication Library

The following shows an example of working procedures to get the status from the printer via LIBRARY or send the data to the printer.

- (1) Dynamically load LIBRARY and get the pointer of the interface functions.
- (2) Call `OpenSiiPrinterA()` or `OpenSiiPrinterW()` when starting the communication.
- (3) Call `GetSiiPrinterStatus()` when getting the status.
- (4) Call `SetSiiPrinterData()` when sending the data.
- (5) Call `CloseSiiPrinter()` when exiting the communication.
- (6) Unload communication library when exiting the application.

Notes:

The above is an example of the work flow, where (3) and (4) can be interchanged or omitted. Sample programs using LIBRARY are prepared in the drive that Windows (Winnt) folder \ Program Files \ Seiko Instruments Inc \ SII Printer Software \ SampleProgram. (Sample program" should be selected in "Custom Installation.")

6.5 Function Reference for Communication Library

Details of every function are as follows:

6.5.1 OpenSiiPrinterA

Description		Gives a notice of communication start with the printer. (by ASCII characters)
Format		int OpenSiiPrinterA (LPCSTR pszName, LPDWORD pdwSessionId)
Parameters	pszName	Printer name (logic printer name to be displayed in a printer folder). Specify this printer name in ASCII (Multi Byte) characters.
	pdwSessionId	Pointer that points out the buffer for saving the session ID that distinguishes a session with the PRINTER DRIVER.
Return value		Failure≠0 (An error code), Success=0

Notes:

- The handle created by this function must be closed by CloseSiiPrinter function.
- This function can be opened up to five in all processes.
- This function can be succeeded even when the printer is not connected with the computer.

6.5.2 OpenSiiPrinterW

Description		Gives a notice of communication start with the printer. (by UNICODE characters)
Format		intOpenSiiPrinterW (LPCTSTR pszName,, LPDWORD pdwSessionId)
Parameters	pszName	Printer name (logic printer name to be displayed in a printer folder). Specify this printer name in UNICODE characters.
	pdwSessionId	Pointer that points out the buffer for saving the session ID that distinguishes a session with the PRINTER DRIVER.
Return value		Failure≠0 (An error code), Success=0

Notes:

- Refer to “Notes” for OpenSiiPrinterA function.

6.5.3 CloseSiiPrinter

Description		Gives a notice of communication end with the printer.
Format		int CloseSiiPrinter(DWORD dwSessionId)
Parameters	dwSessionId	Handle gotten by OpenSiiPrinter.
Return value		Failure≠0 (An error code), Success=0

6.5.4 GetSiiPrinterStatus

Description		Gets status information.
Format		int GetSiiPrinterStatus (DWORD dwSessionId, LPDWORD pdwStatus, BOOL bNewest)
Parameters	dwSessionId	Handle obtained by Open Sii Printer.
	pdwStatus	Pointer that points out the buffer that receives 32-bit status flag data.
	bNewest	TRUE : Returns an-error code unsuccessfully when the printer is not connected and is in busy status. FALSE : Succeeds even when the printer is not connected and is in busy status.
Return value		Failure≠0 (An error code), Success=0

Notes:

- See the status data bit allocation list about status data to be returned.
- When the cable is not connected and the printer is turned off in serial interface, the printer does not turn to no-connection status.
- "Printing" flag is not set by SetSiiPrinterData function , but "Printing" flag is set by SetSiiPrinterEx function.

6.5.5 GetSiiPrinterStatusEx

Description		Gets status information when getting a status event.
Format		int GetSiiPrinterStatus (DWORD dwSessionId, LPDWORD pdwStatus, BOOL bNewest)
Parameters	DwSessionId	Handle obtained by OpenSiiPrinter function.
	PdwStatus	Pointer that points out the buffer that receives 32-bit status flag data.
	BNewest	TRUE: Returns the current status when pdwStatus value is deferent from the current status value. Works the same as FALSE's when pdwStatus value is not different from the current status value. FALSE: Waits until the status changes after this function is called.
Return value		Failure≠0 (An error code), Success=0

Notes:

- The control gets to this function when a status event arises, in addition, CloseSiiPrinter or GetSiiPrinterStatus function is called.
- Other notes are the same as GetSiiPrinterStatus function's.

6.5.6 SetSiiPrinterData

Description		Writes in a command data (command) to the printer. (Synchronous transmission type)
Format		int SetSiiPrinterData (DWORD dwSessionId, LPBYTE pCmd, DWORD dwSize, LPDWORD pdwWritten)
Parameters	dwSessionId	Handle obtained by OpenSiiPrinter function.
	pCmd	Pointer that points out the buffer that stores commands to be written into the printer.
	dwSize	Size of the command pointed out by pCmd. (unit : byte)
	pdwWritten	Pointer that points out the buffer that receives the data size (unit: byte) written in to the printer.
Return value		Failure≠0 (An error code), Success=0

Notes:

- Use this function when writing in small data such as a control command and synchronous transmission is important. Use SetSiiPrinterDataEx function for other cases.
- When this function is executed during print, an error is responded.
- This function returns an error code (failure) as the return value when the printer is in busy status.

6.5.7 SetSiiPrinterDataEx

Description		Writes in a command data (command) to the printer. (asynchronous transmission type)
Format		int SetSiiPrinterDataEx (DWORD dwSessionId, LPBYTE pCmd, DWORD dwSize, LPDWORD pdwWritten)
Parameters	dwSessionId	Handle obtained by OpenSiiPrinter function.
	pCmd	Pointer that points out the buffer for storing commands to be written in to the printer.
	dwSize	Size of the command pointed out by pCmd. (unit : byte)
	pdwWritten	Pointer that points out the buffer that receives the data size (unit: byte) written into the printer.
Return value		Failure≠0 (An error code), Success=0

Notes:

- Use this function when writing in large data such as an image data and synchronous transmission is not important.
- Even When this function is executed during print, this function succeeds and is executed right after completing the existing prints.
- In case that transmission fails halfway, the value parameter pdwWritten returned by this function may be different from the actual output value.

6.5.8 GetSiiPrinterMemory

Description		Responds a size of unused memory area.
Format		int GetSiiPrinterMemory (DWORD dwSessionId, LPDWORD lpMemorySize)
Parameters	DwSessionId	Handle obtained by OpenSiiPrinter function.
	LpMemorySize	Pointer that points out the buffer that stores a size (unit : byte) of unused memory area.
Return value		Failure≠0 (An error code), Success=0

6.5.9 GetSiiPrinterType

Description		Responds a type ID of the printer.
Format		int GetSiiPrinterMemory (DWORD dwSessionId, LPDWORD lpPrinterId)
Parameters	DwSessionId	Handle obtained by OpenSiiPrinter function.
	LpPrinterId	Pointer of the buffer that stores a type ID of the printer.
Return value		Failure≠0 (An error code), Success=0

Notes:

- Refer to "KPU-S347•KPU-S447 THERMAL PRINTER TECHNICAL REFERENCE" for details of printer types.

6.5.10 GetSiiPrinterVersion

Description		Responds a ROM version ID of the printer.
Format		int GetSiiPrinterVersion (DWORD nwSessionId, LPDWORD lpPrinterVersions)
Parameters	dwSessionId	Handle obtained by OpenSiiPrinter function.
	lpPrinterVersions	Pointer of the buffer that stores a ROM version ID of the printer.
Return value		Failure≠0 (An error code), Success=0

Notes:

- The ROM version ID obtained by this function differs from the ROM version ID described on the test print.
When updating the firmware, use this ROM version ID.

6.5.11 SetSiiPrinterReset

Description		Executes hardware reset of the printer via the control line.
Format		int SetSiiPrinterReset(DWORD dwSessionId)
Parameters	dwSessionId	Handle obtained by OpenSiiPrinter function.
Return value		Failure≠0 (An error code), Success=0

Note:

- When using parallel or USB interface, "I/O reset" setting of the Software DIP Switch Settings on the printer must be set to "Enable."

6.6 Sample Program




A sample program (visual C++ version) is attached.

The sample program is used for monitoring status using the LIBRARY.

Use this sample program when installing communication libraries into the application software.

6.6.1 Using the Sample Program

This program displays the printer status and executes the test print. Follow the procedures shown below.

- (1) The printer status is displayed by selecting a printer from the printer list on the upper side of the screen or clicking  button.
- (2) The test print is executed by clicking  button on the lower side of the screen.
- (3) The program is stopped by clicking  button on the lower side of the screen.
In the stop condition of the program, operation (1) is available again.

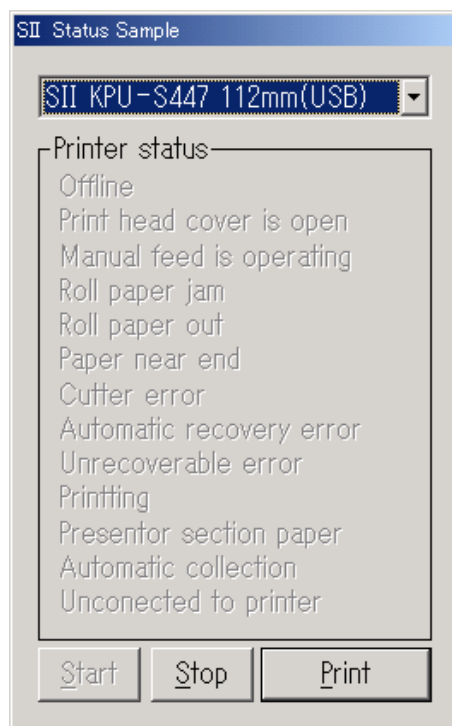


Figure 6-1 Sample Program Screen

6.6.2 Precautionary Information

- The sample program is stored in the same location where the main software is installed.
- A shortcut for the execution file of the sample program is created on the desktop.
- We do not guarantee the action of this program and do not prepare any technical support service.

6.7 Status Bit Table

The following table shows the breakdown of the status data (correspondence bit table) that can be obtained with GetSiiPrinterStatus and GetSiiPrinterStatusEx.

Error	SET (1)	RESET (0)	Location of corresponding bits
Paper low	Occurrence	Clear	0x40000000
Cutter error	Occurrence	Clear	0x20000000
Printer connection error	Occurrence	Clear	0x08000000
Automatic paper collection	Enable	Disable	0x04000000
Paper existence in presenter	Exist	Not exist	0x02000000
Presenter cover condition	Open	Close	0x00400000
Recoverable error	Occurrence	Clear	0x00002000
Print condition	Print	Wait	0x00000400
Online/offline	Online	Offline	0x00000080
Feed switch condition	ON	OFF	0x00000020
Paper out error	Occurrence	Clear	0x00000010
Jam error	Occurrence	Clear	0x00000008
Unrecoverable error	Occurrence	Clear	0x00000002
Connection (Power) condition	Non-connection	Connection	0x80000000

Notes:

- The "Connection (Power) Condition" turns to "Non-connection" when the power is not supplied to the printer or the cable is disconnected.
In the serial interface, the "Connection (Power) Condition" is kept "Connection" even if the power is not supplied to the printer when the cable is connected.
- The "Print Condition" is turned to "Print" in normal print and print with SetSiiPrintDataEx function. It is not turned to "Print" in print with SetSiiPrinterData function.
- When the "Connection (Power) Condition" is "Non-connection", all other statuses become to inactive status (reset condition).

6.8 Function Return Value (Error) Code List

In all functions, "0" of the return value means a "success status" and "≠0" means an "error" status.

The error codes conform to the system error codes of the WINDOWS.

For contents of errors, see Microsoft's documentation (SDK System Error Codes)."

The contents of errors may be vague or unsuitable expression because system error codes of the WINDOWS are used for the printer's.

Refer to the following table that lists main error names (codes) and probable causes.

Error name (Error code)	Probable causes
ERROR_DEVICE_NOT_CONNECTED (1167)	<ul style="list-style-type: none">• The cable is disconnected.• The power is turned off. (for parallel or USB interface)
ERROR_DEVICE_NOT_AVAILABLE (4319)	<ul style="list-style-type: none">• The cable is disconnected.• Some errors are arise on the printer.• The power is turned off. (for serial interface)• The printer is in busy status.
ERROR_UNKNOWN_PRINTER_DRIVER (1797)	Unknown printer is specified.
ERROR_UNKNOWN_PORT (1796)	Unknown port is specified from the driver.
ERROR_UNKNOWN_PRINT_MONITOR (3000)	Bi-direction setting is in valid. (Refer to 6.9)
ERROR_INVALID_PRINT_MONITOR (3007)	The version of the file is not fit.
ERROR_PRINTER_DRIVER_IN_USE (3001)	The function cannot be executed because the printer is in print status.
ERROR_NOT_ENOUGH_MEMORY (8)	The size of specified buffer is not sufficient for response.
ERROR_ALREADY_EXISTS (183)	The number of opened modules exceeds the limitation.
ERROR_INVALID_DATA (13)	Invalid data is received. (Ex.) The COM port settings is wrong.

6.9 Precautionary Information

Precautionary information for calling library functions for communication from the application software is shown below.

- When "Enable bidirectional support" of the "Ports Sheet" is not checked, all functions return error code (failure) as the returned value.

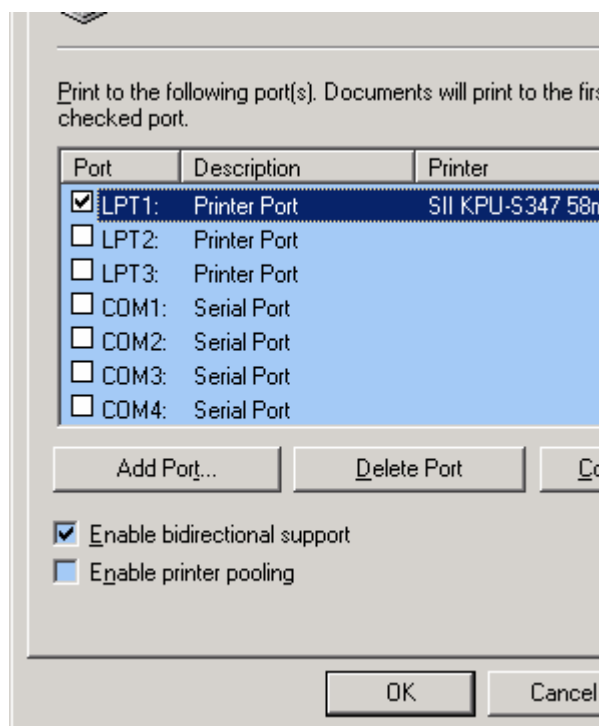


Figure 6-2 Ports Sheet Screen

7. RESTRICTIONS RELATED TO THIS SOFTWARE

The following operations and setting are not covered by this SOFTWARE warranty.

- When this SOFTWARE is used, the PRINTER DRIVER must be installed.
If the PRINTER DRIVER is not installed, install the PRINTER DRIVER before installing this software.
- When the serial port communication for the printer side is different from that for the computer side, the printer does not work correctly.
In this case, turn the printer on again during pressing the paper feed button of the printer to start the test print.
Check the COM port setting of the printer side on the test print and set the communication setting of the computer side to that of the printer side.
- When using parallel interface, bi-directional communication for the parallel port must be set to "Valid" through BIOS setting.
- When this SOFTWARE is used, the communication setting must be set to bi-directional.
The printer does not work except where the bi-directional communication setting is set to "Enable" in the property setting of the PRINTER DRIVER.
It is recommended not to change the property setting of the PRINTER DRIVER from the standard value.
- This SOFTWARE enables only local connections including parallel, serial, and USB connections. Printing through an network connection is not supported.
- This SOFTWARE cannot be used according to the "Software DIP Switch Settings" of the printer. This SOFTWARE cannot be used in the following serial interface condition.
Bit length: 7-bit (default: 8-bit) (serial port)
Status: Enable (default: Disable) (parallel port)
- When changing the setting on the printer side status without using this software, refer to "KPU-S34•KPU-S447 THERMAL PRINTER UNIT TECHNICAL REFERENCE."
- This SOFTWARE is for use with WINDOWS applications, and cannot be used for printing with DOS commands.
- We have checked the work of LIBRARY on "Microsoft Visual C++" and will basically support this library only in this environment.
Therefore, we are not liable for any difficulties arising out of the use in other environment.

8. DISCLAIMER

SII has designed this product with great care to ensure that it is problem-free.

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