

TM-T81II Utility

User's Manual



Overview

Descriptions of the TM-T81II Utility features, operating environment, and installation/uninstallation

Using the Utility

Descriptions of how to use the TM-T81II Utility

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For Safety

Key to Symbols

The symbols in this manual are identified by their level of importance, as defined below. Read the following carefully before handling the product.

	Provides information that must be observed to avoid damage to your equipment or a malfunction.
	Provides important information and useful tips.

Restriction of Use

When this product is used for applications requiring high reliability/safety such as transportation devices related to aviation, rail, marine, automotive etc.; disaster prevention devices; various safety devices etc; or functional/precision devices etc, you should use this product only after giving consideration to including fail-safes and redundancies into your design to maintain safety and total system reliability. Because this product was not intended for use in applications requiring extremely high reliability/safety such as aerospace equipment, main communication equipment, nuclear power control equipment, or medical equipment related to direct medical care etc, please make your own judgment on this product's suitability after a full evaluation.

About this Manual

Aim of the Manual

This manual presents information that is necessary information for using the TM-T81II Utility.

Manual Content

The manual is made up of the following sections:

- Chapter 1 [Overview](#)
- Chapter 2 [Using the Utility](#)

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Overview

This chapter describes the specifications of TM-T81II Utility.

Overview

TM-T81II Utility is a dedicated utility for the TM-T81II printer to check and configure the TM-T81II's parameters. It also allows you to configure the IP address of a printer through the Ethernet connection. The utility has the following functions:

- ❑ For general users
 - Storing Logos ([page 14](#))
- ❑ For printer administrators
 - Printing Control Settings ([page 19](#))
 - Communication I/F Settings([page 20](#))

Support OS

- ❑ Windows 8 (32 bit / 64 bit)
- ❑ Windows 7 SP1 (32 bit / 64 bit)
- ❑ Windows Vista SP2 (32 bit / 64 bit)
- ❑ Windows XP SP3 (32 bit)
- ❑ Windows 2000 SP4*
- ❑ Windows Server 2012 (64 bit)
- ❑ Windows Server 2008 R2 SP1
- ❑ Windows Server 2008 SP2 (32 bit / 64 bit)
- ❑ Windows Embedded Standard 7 (32 bit / 64 bit)
- ❑ Windows Embedded POSReady 2009
- ❑ Windows Embedded for Point of Service 1.1 SP3

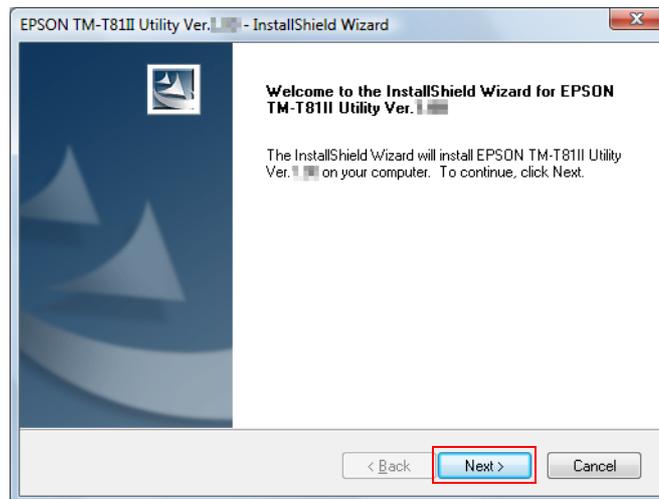
* On Windows 2000, TM-T81II Utility does not support TM-T81II in USB Printer Class. Change TM-T81II to the Vendor Class before use.

Installation

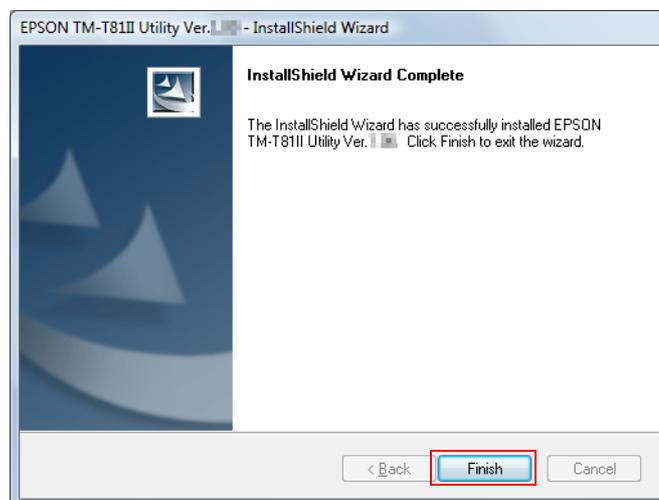


Install it with the administrator authority.

- 1** Double-click "TM-T81IIUtilityXXX.exe" to start the installer.
When the "User Account Control" screen appears, click the (Continue) button.
- 2** The "EPSON TM-T81II Utility Ver.x.xx - InstallShield Wizard" screen appears. Then click the (Next) button.



- 3** The "License Agreement" screen appears. Read the content and select the "I accept the terms of the license agreement". Then click the (Next) button.
- 4** The "Ready to Install the Program" screen appears. Then click the (Install) button.
- 5** The "InstallShield Wizard Complete" screen appears. Then click the (Finish) button.



Uninstallation

- 1** Quit all applications running on the computer.
- 2** Select (Start) - (Control Panel) - (Uninstall a program) - (EPSON TM-T81II Utility). Click "Uninstall".
- 3** The TM-T81II uninstallation confirmation screen appears. Click the (Yes) button. The uninstallation of the TM-T81II starts.
- 4** The "Uninstall Complete" screen appears. Click the (Finish) button to finish the uninstallation.

Differences Depending on the OS

The content of the descriptions of some operations in this book may be different depending on the OS. See the following.

Item	Description
Screens shown	Screens in Windows 7 are used for the descriptions in this manual.
Starting the TM-T81 Utility	Windows 8 (Start) - (All apps) - (EPSON TM-T81II) - (EPSON TM-T81II Utility) Windows 7 (Start) - (All Programs) - (EPSON) - (TM-T81II Software) - (TM-T81II Utility) Windows Vista (Start) - (All Programs) - (EPSON) - (TM-T81II Software) - (TM-T81II Utility) Windows XP (Start) - (All Programs) - (EPSON) - (TM-T81II Software) - (TM-T81II Utility)
Uninstall	Windows 8 (Desktop) - Sidebar (Settings) - (Control Panel) - (Uninstall a program) Windows 7 (Start) - (Control Panel) - (Uninstall a program) Windows Vista (Start) - (Control Panel) - (Uninstall a program) Windows XP (Start) - (Control Panel) - (Add or Remove Programs) Windows 2000 (Start) - (Settings) - (Control Panel) - (Add or Remove Programs)



Using the Utility

This chapter explains how to use the TM-T81II Utility.



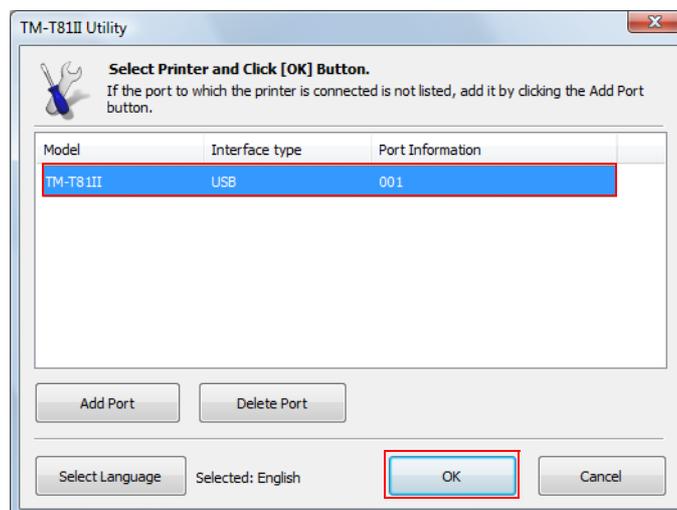
While saving the settings, do not turn off the printer or terminate the connection with the printer.

Starting the TM-T81II Utility

Starting the TM-T81II Utility

Activate the TM-T81II Utility as follows.

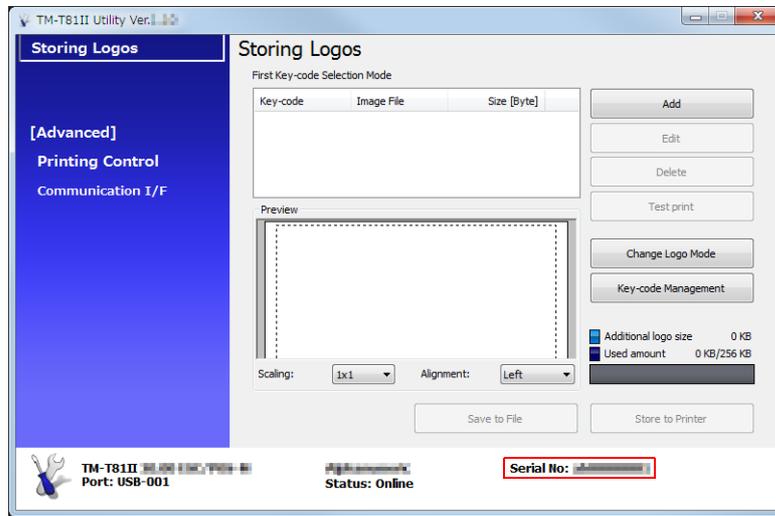
- 1 Select (Start) - (All Programs) - (EPSON) - (TM-T81II Software) - (TM-T81II Utility).
- 2 The following screen appears. Select the printer to use and click the (OK) button. If you wish to change the language, click the (Select Language) button. If the printer is not displayed, click the (Add Port) button. Then go to the following section; [Adding a Communication Port and Starting the TM-T81II Utility \(p.11\)](#).



- Click the [Add Port] button when you want to newly configure a port of the printer.
 - ➔ [Adding a Communication Port and Starting the TM-T81II Utility \(p.11\)](#)
- To delete a port, select the port and click the [Delete Port] button.

3 The TM-T81II Utility is started.

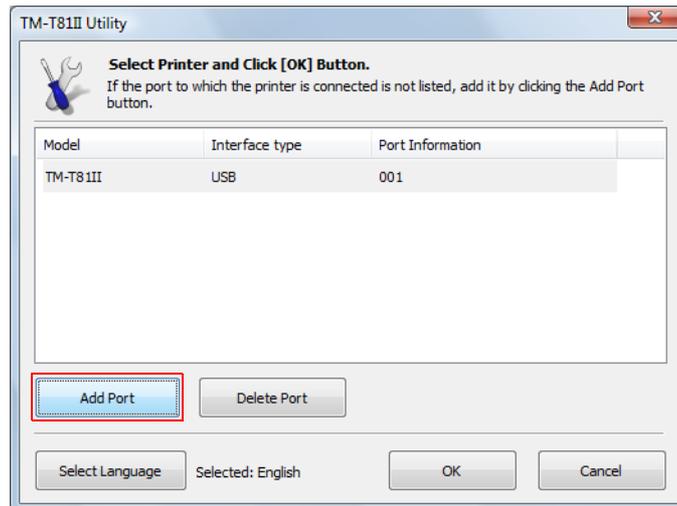
For USB connection, to identify the connected printer, check the serial number displayed by TM-T81II Utility with the serial number indicated on the side surface of the printer.



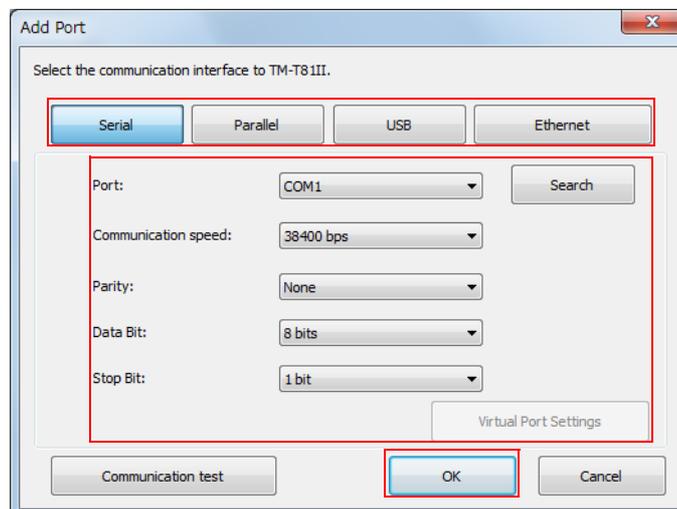
Adding a Communication Port and Starting the TM-T81II Utility

Add a communication port as follows:

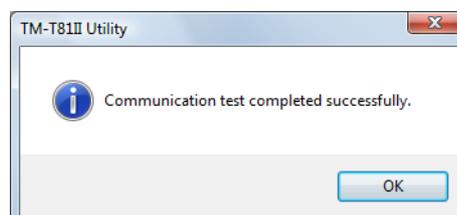
- 1 Select (Start) - (All Programs) - (EPSON) - (TM-T81II Software) - (TM-T81II Utility).
- 2 The following screen appears. Click the (Add Port) button.



- 3 The (Add Port) screen appears. Configure the port to be added. Then, click the (OK) button.



- If the communication with the port failed, an error message appears. In such case, you cannot add the port. Make sure the printer is connected properly and check your communication settings.
- Clicking the [Communication test] button displays the communication result on the screen. It does not conduct a test print.



❑ Serial

Setting	Description
Port:	Selects the serial port of the computer you use.
Search	Searches for available serial ports.
Communication speed:	Configures the communication speed.
Parity:	Configures the parity.
Data Bit:	Configures the bit length.
Stop Bit:	Configures the stop bit.
Virtual Port Settings	Starts the Virtual Port Settings tool. For details, see the manual for the Virtual Port Settings tool.
Communication test	Runs a communication test.

❑ Parallel

Setting	Description
Port:	Selects the parallel port of the computer you use.
Search	Searches for available parallel ports.
Virtual Port Settings	Starts the Virtual Port Settings tool. For details, see the manual for the Virtual Port Settings tool.
Communication test	Runs a communication test.

❑ USB

Setting	Description
Port:	Selects the USB port you use.
Search	Searches for the available USB port(s).
Communication test	Runs a communication test.



If connected via USB, printers cannot be added under the environment where both Printer Class printers and Vendor Class printers exist. In such a case, first turn off the existing printers, and then start the utility.

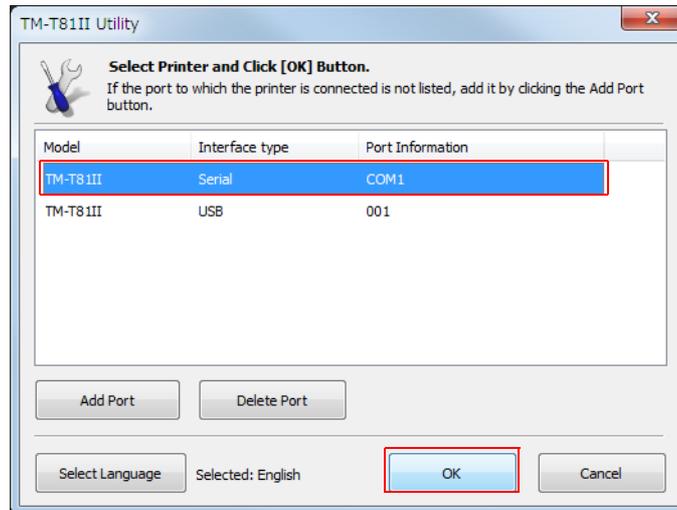
❑ Ethernet

Setting	Description
IP Address:	Configures the IP address of the printer you use.
Search	Searches for the TM-T81II printers on the network and displays their IP addresses.
Advanced settings (EpsonNet Config)	Activates the EpsonNet Config. Make the network settings of the printer using the EpsonNet Config.
Communication test	Runs a communication test.

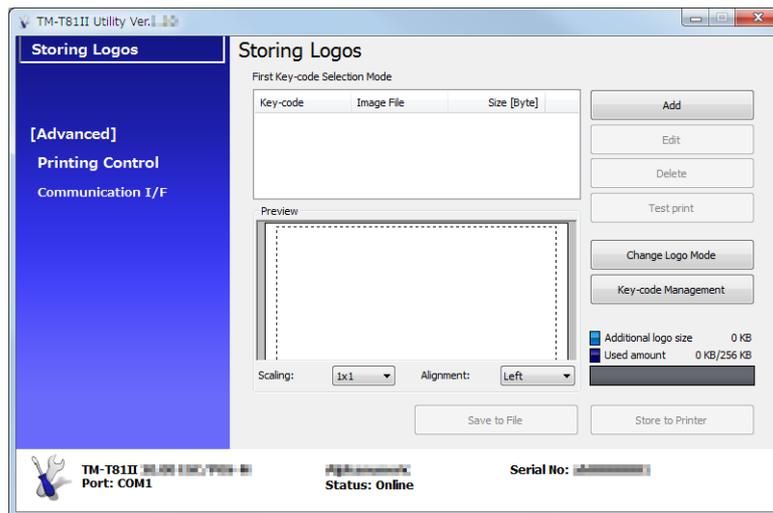


If no TM-T81II with its IP address configured is displayed even after clicking the (Search) button, enter the IP address of TM-T81II directly to "IP Address:".

- 4 The following screen appears again. Select the added port and click the (OK) button.



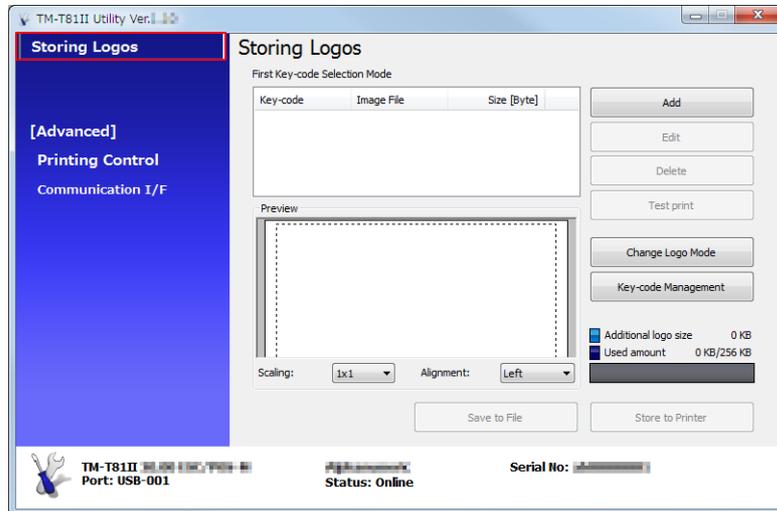
- 5 The TM-T81II Utility is started.



Storing Logos

Allows you to configure the logos to be stored on the printer.

This section describes how to configure logos to be stored on the printer. The utility allows you to print or delete a logo stored on the printer, but you cannot edit it or restore it as a file though.

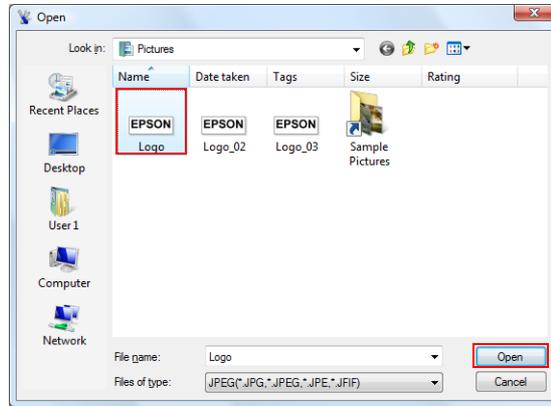


(Storing Logos) has the following functions.

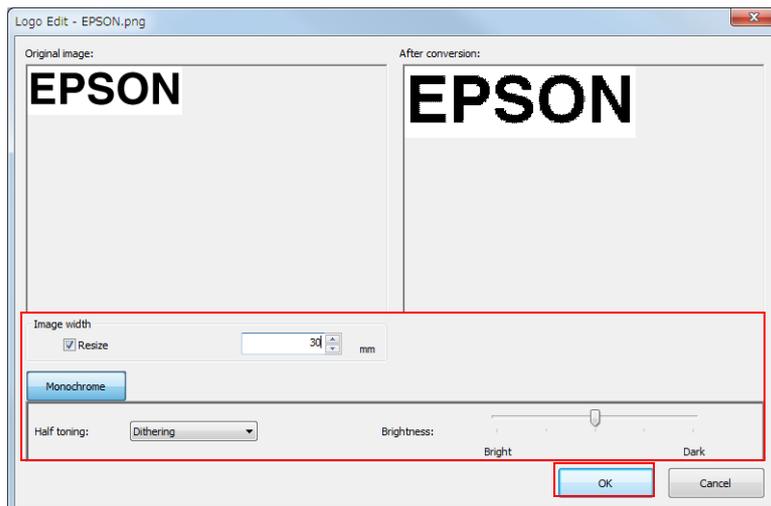
Setting	Description				
Key Code List	Displays the logos registered in the printer and the logos to be added in the printer. The logos registered in the printer have <input checked="" type="checkbox"/> at the beginning of the Key-code.				
Add	Adds logo data on the list.				
Edit	Edits the halftone and brightness settings of the selected logo data.				
Delete	Deletes the selected logo data from the list or deletes logos stored on the printer.				
Test print	Prints the selected logos.				
Change Logo Mode	Displays "Select Mode for Storing Logo" screen to allow you to change the setting mode of the (Storing Logos). The current setting is displayed below (Storing Logos). <div data-bbox="858 1444 1326 1816" data-label="Image"> </div>				
<div data-bbox="309 1823 756 1962" data-label="Table"> <table border="1"> <tr> <td>First Key-code Selection Mode</td> <td>Specifies the logo identifying code.</td> </tr> <tr> <td> <div data-bbox="357 1865 735 1924" data-label="Text"> <p>Automatically set the key-code for the logo to be stored.</p> </div> </td> <td>If this is turned on, automatically sets Key-codes to the logos to be registered. If turned off, sets Key-codes when adding or editing logos.</td> </tr> </table> </div>	First Key-code Selection Mode	Specifies the logo identifying code.	<div data-bbox="357 1865 735 1924" data-label="Text"> <p>Automatically set the key-code for the logo to be stored.</p> </div>	If this is turned on, automatically sets Key-codes to the logos to be registered. If turned off, sets Key-codes when adding or editing logos.	
First Key-code Selection Mode	Specifies the logo identifying code.				
<div data-bbox="357 1865 735 1924" data-label="Text"> <p>Automatically set the key-code for the logo to be stored.</p> </div>	If this is turned on, automatically sets Key-codes to the logos to be registered. If turned off, sets Key-codes when adding or editing logos.				
Advanced Printer Driver Control Font Setting Mode	The Advanced Printer Driver allows you to assign a control font (h to l) to your logo instead of using a key code.				

2 Specify the image data to be used as a logo.

A file size of 2047 (W) x 831 (H) pixels (dots) or less can be specified, and the format can be bmp, jpeg, gif, or png. If the logo width is greater than the paper width (576 dots), a warning message will appear. Click the (OK) button and reduce the logo size in the (Logo Edit) screen of step 3.



3 The (Logo Edit) screen appears. Edit the logo image while checking the image previewed on the upper portion of the screen. When finished, click the (OK) button.

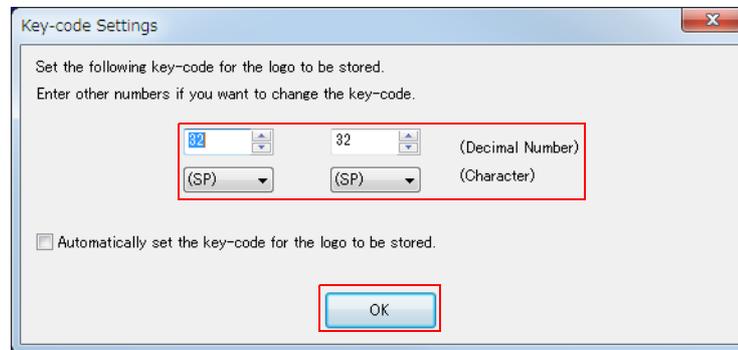


You can edit the followings.

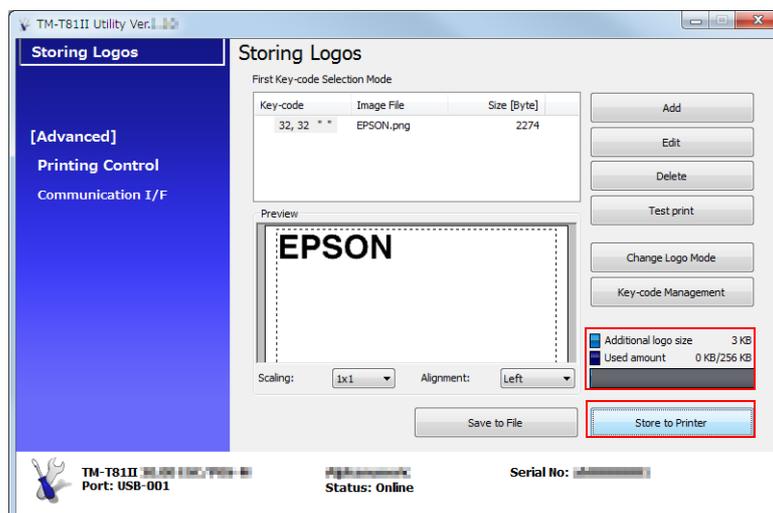
Setting	Description
Image width	Specifies the width to which the image is resized (in mm).
Resize	Specifies whether or not the image is resized. If the image width is greater than the paper width and resizing is not specified, the part of the image that exceeds the paper width will be cut off.
Half toning	Configures the halftone setting of the image.
Brightness	Configures the brightness of the image.

- 4** If the logo mode is (First Key-code Selection Mode) and (Automatically set the keycode for the logo to be stored.) is not turned on, the "Key-code Settings" screen is displayed. Set a Key-code and click the (OK) button.

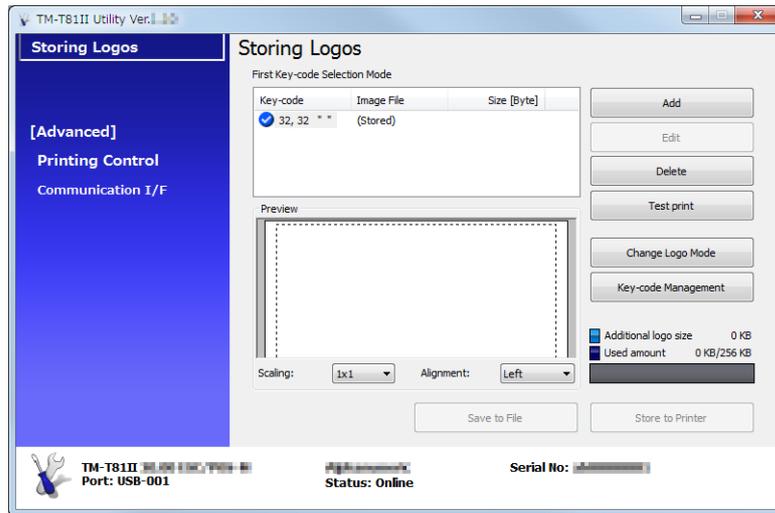
If the logo mode other than (First Key-code Selection Mode) is selected or (Automatically set the keycode for the logo to be stored.) is turned on, the "Key-code Settings" screen is not displayed.



- 5** The logo data is added on the list. When storing multiple logo data, repeat Step 1 through 4.
- 6** After storing all the logo data to be added to the printer, check the indicator on the right side of the screen to see if the data size is acceptable to be stored on the printer, and then click the (Store to Printer) button.



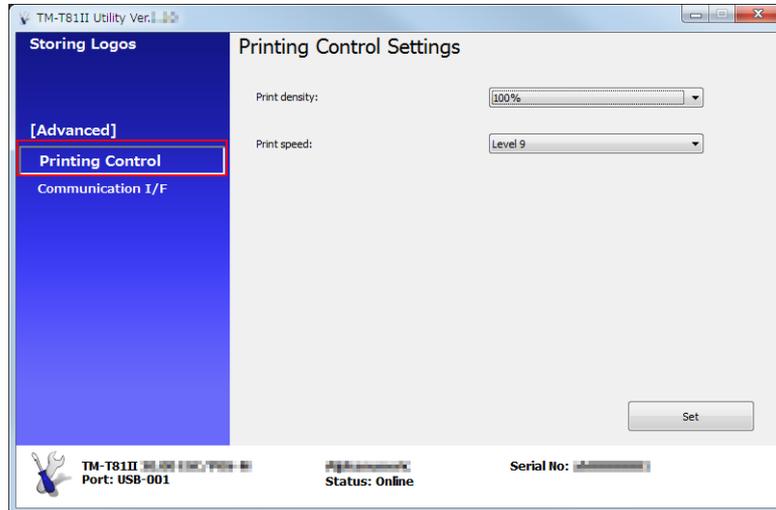
7 The logo data is stored to the printer.



Printing Control Settings

Allows you to configure the printing control settings of the printer. Configure as follows.

- 1 Click the (Printing Control) menu.



- 2 Configure the following printing control items.

Setting	Description
Print density	Selects the print density.
Print speed	Selects the print speed.



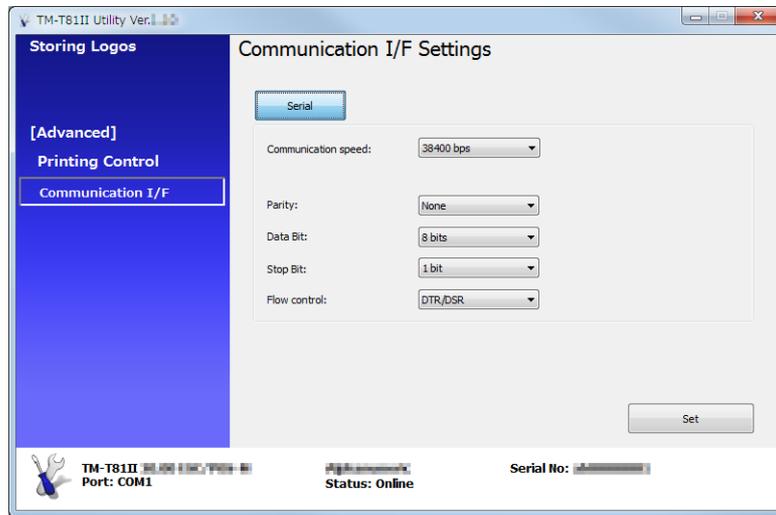
If you make any of the following settings different from that of the printer driver, the printer driver setting is used.

- Print density
- Print speed

- 3 Click the (Set) button. The settings are reflected to the printer.

Serial

Configures the serial communication.



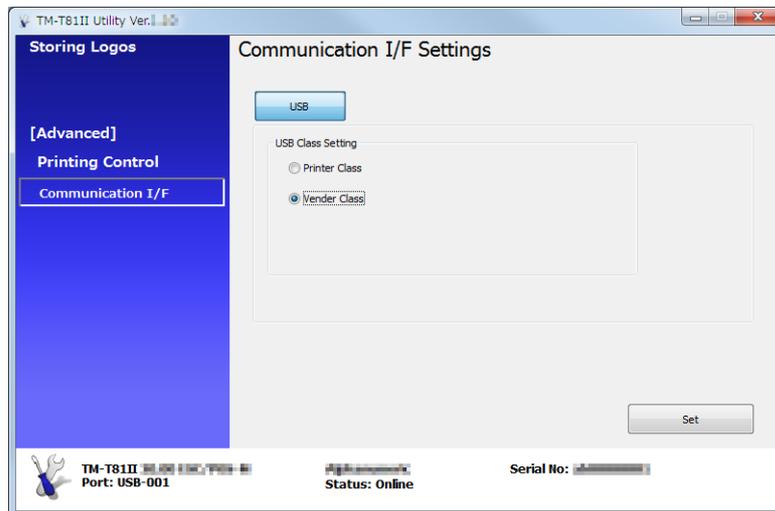
Setting	Description
Communication speed:	Selects the communication speed.
Parity:	Configures the parity.
Data Bit:	Configures the data bit.
Stop Bit:	Configures the stop bit.
Flow control	Configures the flow control.

USB

Configures the USB class.



- When using the UPOS select [Vender Class].
- When you do not need to use the [Printer Class], using [Vender Class] is recommended.



❑ **Printer Class:** Configures the printer to the printer class.

❑ **Vender Class (Default Setting):** Configures the printer to the vender class.

If you change the USB class from (Vender Class) to (Printer Class), the printer becomes a Printer Class device. The computer detects the printer as a new Printer Class device and creates a new port.

Using the newly created port, you can print but cannot use the EPSON Status API. The existing port still allows you to both print and use the EPSON Status API, so you can delete the newly created queue and use the existing queue instead.

How to distinguish the EPSON Status API available port

Select (Properties)-(Ports) and check the "Port" and "Description".

- **Printer Class**

Port: USBxxx

Description: Virtual printer port for USB

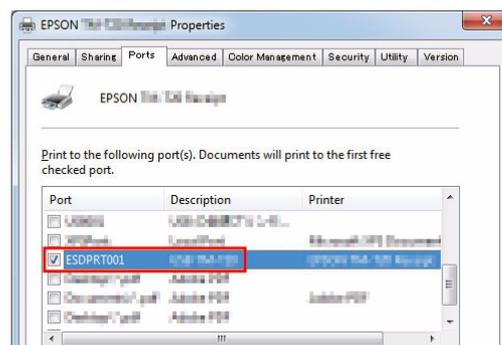
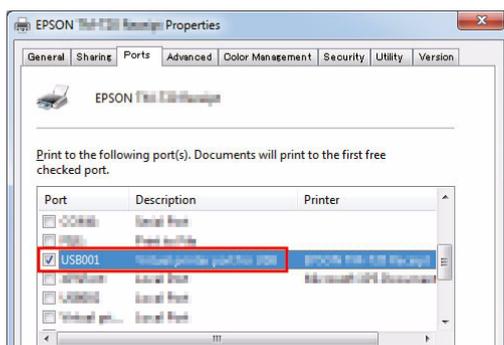
- **Vender Class**

Port: ESDPRTxxx

Description: USB TM-T81II

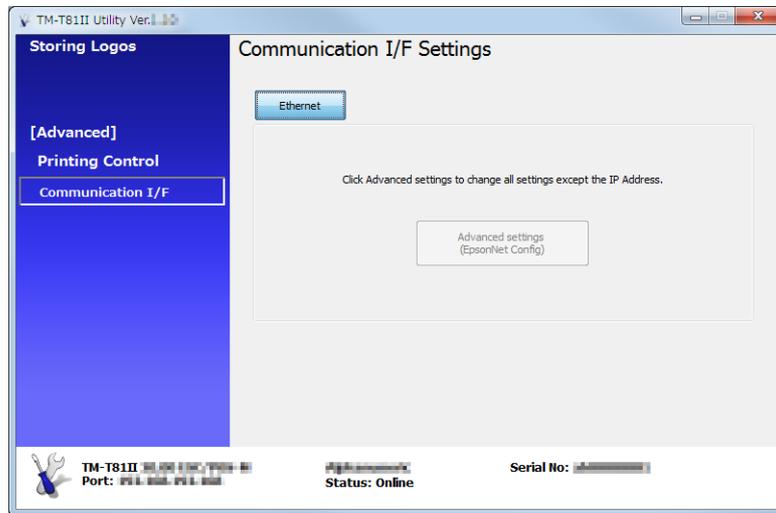
Printer Class

Vender Class



Ethernet

Starts EpsonNet Config, and configures IP addresses.



Setting	Description
Advanced settings	Starts EpsonNet Config when the (Advanced settings) button is clicked.

Acknowledgements

"TM-T8111 Utility" incorporate compression code from the Info-ZIP group.

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