

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

M00051601 Rev. B

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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.

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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)
- \Box 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-T8111 Utility does not support TM-T8111 in USB Printer Class. Change TM-T8111 to the Vendor Class before use.

Installation

Install it with the administrator authority.

1 Double-click "TM-T8111UtilityXXX.exe" to start the installer. When the "User Account Control" screen appears, click the (Continue) button.

2 The "EPSON TM-T8111 Utility Ver.x.xx - InstallShield Wizard" screen appears. Then click the (Next) button.

EPSON TM-T81II Utility Ver.	- InstallShield Wizard
	Welcome to the InstallShield Wizard for EPSON TM-T8111 Utility Ver.
	The InstallShield Wizard will install EPSON TM-T8111 Utility Ver. ∎ ■ on your computer. To continue, click Next.
	< <u>Back</u> Cancel

- 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.
- **1** 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.

EPSON TM-T81II Utility Ver.	- InstallShield Wizard
	InstallShield Wizard Complete The InstallShield Wizard has successfully installed EPSON TM-T81II Utility Ver. Click Finish to exit the wizard.
	< Back Finish Cancel

Uninstallation



- 2 Select (Start) (Control Panel) (Uninstall a program) (EPSON TM-T8111 Utility). Click "Uninstall".
- 3

The TM-T8111 uninstallation confirmation screen appears. Click the (Yes) button. The uninstallation of the TM-T8111 starts.



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.
	Windows 8
	(Start) - (All apps) - (EPSON TM-T8111) - (EPSON TM-T8111 Utility)
	Windows 7
Starting the TM-T81	(Start) - (All Programs) - (EPSON) - (TM-T8111 Software) - (TM-T8111 Utility)
Utility	Windows Vista
	(Start) - (All Programs) - (EPSON) - (TM-T8111 Software) - (TM-T8111 Utility)
	Windows XP
	(Start) - (All Programs) - (EPSON) - (TM-T8111 Software) - (TM-T8111 Utility)
	Windows 8
	(Desktop) - Sidebar (Settings) - (Control Panel) - (Uninstall a program)
	Windows 7
	(Start) - (Control Panel) - (Uninstall a program)
Uninstall	Windows Vista
Uninsidii	(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-T8111 Software) - (TM-T8111 Utility).



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).

TM-T81II Utilit	y			×
J If bu	elect Printer and Click the port to which the prin itton.	[OK] Button. ter is connected is not	isted, add it by d	icking the Add Port
Model	Interface t	ype Port In	formation	
TM-T81II				
Add Po	Delete	Port		
Select Lan	guage Selected: Eng	lish	ОК	Cancel



• 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-T8111 Utility with the serial number indicated on the side surface of the printer.

🍟 TM-T81II Utility Ver.				
Storing Logos	Storing Log First Key-code Se	JOS ection Mode		
	Key-code	Image File	Size [Byte]	Add
[Advanced]				Edit
Printing Control Communication I/F				Delete
	Preview			Test print
				Change Logo Mode
				Key-code Management Additional logo size 0 KB Used amount 0 KB/256 KB
	Scaling:	1x1 Align	save to File	Store to Printer
TM-T81II	s	tatus: Online	Serial No:	1

Adding a Communication Port and Starting the TM-T81II Utility

Add a communication port as follows:

- Select (Start) (All Programs) (EPSON) (TM-T8111 Software) (TM-T8111 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.

Serial	Pi	arallel	USB		Ethernet
Port:		COM1		•	Search
Commur	nication speed:	38400 bps	•	•	
Parity:		None		•	
Data Bit	:	8 bits		•	
Stop Bit	:	1 bit		-	

- 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.

TM-T81II Utility	×
Communication test completed successfully	
ОК	

□ 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.

D Ethernet

Setting	Description
IP Address:	Configures the IP address of the printer you use.
Search	Searches for the TM-T8111 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-T8111 with its IP address configured is displayed even after clicking the (Search) button, enter the IP address of TM-T8111 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	Storing Lo	DGOS Selection Mode		
	Key-code	Image File	Size [Byte]	Add
[Advanced]				Edit
Printing Control				Delete
Communication I/F	Preview			Test print
				Change Logo Mode Key-code Management
	Scaling:	1x1	ment: Left 🔹	Additional logo size 0 KB Used amount 0 KB/256 KB
			Save to File	Store to Printer
	THE R	distance of the second second	Serial No:	Alexandra in



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	Storing Logos				
	First Key-code S	election Mode		_	
	Key-code	Image File	Size [Byte]	Add	
[Advanced]				Edit	
Printing Control				Delete	
Communication 1/F	Preview			Test print	
	Scaling:	ixi • Alignm	ent: Left	Change Logo Mode Key-code Management Additional logo size 0 KE Used amount 0 KB/256 K2	
			Save to File	Store to Printer	
₩ тм-тяти не не не н			Sorial No.	-	

(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 🔮 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). Select Mode for Storing Logo Mode @ First Key-code Selection Mode @ First Key-code Nonuse Mo		
First Key-code Selection Mode	Specifies the logo identifying code.		
Automatically set the key-code for the logo to be stored.	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 I) to your logo instead of using a key code.		

Setting	Description
Key-code Nonuse Mode (not recommended)	Not recommended.
Key-code Management	You can check the Key-code of the logo stored in the printer, or delete the logos.
	ОК
Get KeyCode	Obtains registered Key-code numbers.
Preview	Displays the logo image to be stored on the printer. Logo images stored on the printer are not displayed.
Logo Indicator	Indicator: Registerable memory size in the printer for logos Additional logo data: Size of logos displayed on the list Used amount: Size of registered logos
Save to File	Saves the configured logo data as a file to store it to the printer. The data can also be stored as a bmp file.
Store to Printer	Stores the configured logo data to the printer.

Adding a Logo

Add a logo as follows.

Click the (Add) button.

Storing Logos	Storing Lo	DGOS Selection Mode		
	Key-code	Image File	Size [Byte]	Add
[Advanced]				Edit
Printing Control				Delete
communication 1/1	Preview		1	Test print
				Change Logo Mode Key-code Management
	Scaling:	1x1	ment: Left	Additional logo size 0 KB Used amount 0 KB/256 KB
			Save to File	Store to Printer
TM-T81II		Status: Online	Serial No):

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.

ogo Edit - EPSON.png Original image:	After conversion	SON	
Image width Øresze 30 Monochrome	nn mn		
Half toning: Dithering	Brightness:	Bright OK	Dark

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.

Key-code Settings				— X
Set the following key	-code for the logo to	o be stored.		
Enter other numbers	if you want to chane	ge the key-code.		
	32	32	(Decimal Number)	
	(SP) 🔻	(SP) 🔻	(Character)	
Automatically set	the key-code for th	e logo to be stored.		

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.

😵 TM-T81II Utility Ver.				
Storing Logos	Storing Log First Key-code Sel	JOS ection Mode		
	Key-code	Image File	Size [Byte]	Add
[Advanced]	32, 32 * *	EPSON.png	2274	Edit
Printing Control				Delete
Communication I/F	Preview			Test print
	EPS	SON		Change Logo Mode Key-code Management
	Scaling:	1x1 - Aliq	gnment: Left	Additional logo size 3 KB Used amount 0 KB/256 KB
			Save to File	Store to Printer
TM-T81II THE INC. THE Port: USB-001	s	tatus: Online	Serial	No:

7 The logo data is stored to the printer.

Storing Logos	Storing Logos First Key-code Selection Mode		
	Key-code Image File	Size [Byte]	Add
[Advanced]	✓ 32, 32 ** (Stored)		Edit
Printing Control			Delete
Communication I/F	Preview		Test print
			Change Logo Mode Key-code Management Additional logo size 0 KB Used amount 0 KB/256 KB
	Scaling: 1x1 Alignm	nent: Left	Store to Driptor
		save to nile	Store to Printer

Printing Control Settings

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

Click the (Printing Control) menu.

🎸 TM-T81II Utility Ver.		
Storing Logos	Printing Control Settings	
	Print density:	[100%] V
[Advanced]	Print speed:	Level 9 🔹
Printing Control		
Communication I/F		
		Set
TM-T81II Port: USB-001	Status: Online	Serial No:

2 Configure the following printing control items.

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



3

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

Communication I/F

This utility allows you to make printer communication settings. The port setting of the computer is not made, so making the printer settings may cause a communication error with the printer. In such case, change the printer driver settings or any other necessary settings on the computer so that they match with the settings made on the printer.



Click the (Communication I/F) menu. The type of port currently used for communicating with the printer is automatically detected and displayed on the "Communication I/F Settings" screen.

😵 TM-T81II Utility Ver.		X
Storing Logos	Communication I/F Settings	
[Advanced] Printing Control	Communication speed: 38400 bps 🔹	
Communication I/F	Parity: None Data Bit: 8 bits Stop Bit: 1 bit Flow control: DTR/DSR	
		Set
TM-T81II Port: COM1	Serial No: 4	

2 Make the communication settings.

Serial	Configures the serial communication.	➡ p. 21
USB	Configures the USB communication.	þ p. 22
Ethernet	Configures the IP address.	þ p. 23

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

Serial

Configures the serial communication.

🖗 TM-T81II Utility Ver.	
Storing Logos	Communication I/F Settings
[Advanced] Printing Control	Communication speed: 33400 bps
Communication I/F	Parity: None Data Bit: Rists
	Stop Bit: 1 bit Flow control: DTR/DSR
₩ тм-т8111 ж. на наст	Serial No:
Y Port: COM1	Status: Online

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.

🖗 TM-T81II Utility Ver. 🗐 🌆		
Storing Logos	Communication I/F Settin	ngs
[Advanced]	USB Class Setting	
Printing Control	Printer Class	
Communication I/F	Vender Class	
		Set
TM-T81II	Status: Online	Serial No:

□ 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

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he first free	•
ne first free	
ne first free	
er	•
er	
	-
	E
and 1971 Descent	
	na ta ta ay

Vender Class

ieral Sharing Ports	Advanced Color Manager	nent Security	Utility Ver	rsion
EPSON	Too Nacalyn			
				_
t to the following p	oort(s). Documents will pr	int to the first f	ree	
iecked port.				
				-
Port	Description	Printer		•
Port	Description	Printer		*
Port CVININ CVININ	Description	Printer	1 Descent	^
Port	Description	Printer	1 Decome	^
Port	Description	Printer	1 Decome	•
Port	Description	Printer	1 Decoreta 19 November 19 November	•
Port	Description	Printer	A Descente 191 November	· ·

Ethernet

Starts EpsonNet Config, and configures IP addresses.

*	TM-T81II Utili	ty Ver.1.10			
S	Storing Log	jos	Communication I/F	Settings	
			Ethernet		
L L L L L L L L L L L L L L L L L L L	[Advanced]				
_	Printing C	ontrol	Click Advanced	settings to change all settings except the IP	Address.
	Communica	tion I/F			
				Advanced settings	
				(EpsonNet Config)	
2	\ <u>/</u> 9 тм-т			Serial No:	-
	Y Port:	PL DA PL DA	Status: Online	Scharno.	
Setting				Description	on
Advanced settings	S	Starts Eps	onNet Config w	hen the (Advance	ed settings) bu

Acknowledgements

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

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