

How to use Ftp Integrated Tool

Ver. 4
Feb 15, 2024

FCL COMPONENTS LIMITED

1 Overview

2 Supported model

Type	Model	Note
FMP	FTP-639USL100 Series	
	FTP-639USL200 Series	
	FTP-629DSL350	
PMU	FTP-62GUSL070 Series	
	FTP-63GUSL070 Series	
	FTP-62GUSL100 Series	
	FTP-63GUSL000 Series	
	FTP-62GDSL000 Series	
	FTP-62GDSL100 Series	
	FTP-62GDSL110 Series	
	FTP-62GDSL120 Series	
MOBILE	FTP-64GDSL130 Series	
MOBILE	FTP-62HWSL001	
	FTP-638WSL110	

Other models are not supported.

3 Outline of function

This application has the following features.

- Interface setting (USB, RS-232C)
- Logo registration
- Settings for FMP
- Settings for Mobile printer
- Other setting
- Printer status check
- Firmware update
- Test print

4 Notes

- (1) This software may not operate properly on unsupported models.
- (2) This software does not operate properly when a printer error occurs.
Therefore, release the error and use this in normal condition.
- (3) It does not guarantee the operation of this app.
- (4) Use it after confirming the operation.
- (5) Each Setting is stored in non-volatile memory and is retained even when the power is turned on again.
- (6) Setting is reflected on the printer after reset.
- (7) Refer to the product specification of each model for details of setting contents.

Table of Contents

1 Overview	2
2 Supported model	2
3 Outline of function.....	3
4 Notes	3
5 Software settings.....	6
5-1 Operating environment	6
5-2 Port setting.....	6
5-3 Model select	6
6 Detailed contents of function	7
6-1 Interface setting.....	7
[1] RS-232C setting	7
[2] USB setting.....	7
6-2 Logo registration	7
[1] Registration Image	7
[2] Select Image	7
[3] Print Image.....	8
[4] Clear Image.....	8
[5] Confirmation of registerable area (for FMP)	8
6-3 Other setting.....	8
[1] Nonvolatile memory deletion.....	8
[2] Black mark width setting	8
[3] Command mode setting.....	9
6-4 FMP setting.....	9
[1] FMP model setting	9
[2] Bezel setting	9
[3] Bezel LED indication setting	9
6-5 Mobile setting.....	10
[1] Auto power off shift time setting	10
[2] Print starting position setting	10
[3] Default paper mode setting	10
[4] Default paper type setting	10
[5] Charge while Power ON setting.....	10

[6] Maintenance counter control	10
[7] Bluetooth PIN Code setting	11
[8] Bluetooth Device Name setting.....	11
[9] Bluetooth automatic connection setting.....	11
[10] Bluetooth automatic disconnection time setting	11
[11] Bluetooth security mode setting	11
[12] Bluetooth information print	11
6-6 Printer status	12
[1] Status read	12
[2] Automatic status notification setting	12
[3] Reply parameter notification	12
[4] Status display	12
[5] Communication display	12
6-7 Firmware update	13
[1] Version check	13
[2] Firmware up date.....	13
6-8 Test print	14
[1] Image print.....	14
[2] Print Test.....	14
[3] Sample Receipt	14
[4] Test print.....	14
7 Revision History	15
7-1 History of software release	15
7-2 History of this document	15

5 Software settings

5-1 Operating environment

Windows 7, 8/8.1, 10 (32/64bit)

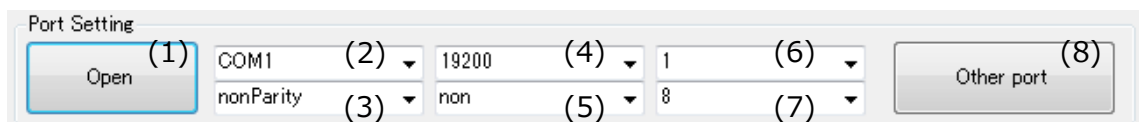
(This software works with WOW64 in a 64-bit environment.)

5-2 Port setting

Select the port to use.

When using the USB interface, Install the printer driver in advance.

When using RS-232C, set the port to be used directly.



(1) Open button

(2) Com port (Printer driver), (3) Parity, (4)Baud rate, (5) Handshake

(6) Stop bits, (7)Data bits

(8) Other port (Printer driver serch)

[1] for USB

Input the printer driver name in the text box for port setting.

By clicking the button of Other Port, you can select all drivers from the pull-down menu.

In the case of USB interface, do not click the OPEN button.

[2] for RS-232C

Select Com port, Baud rate, Parity, Handshake, Stop bits, Data bits.

After setting the port, click the Open button.

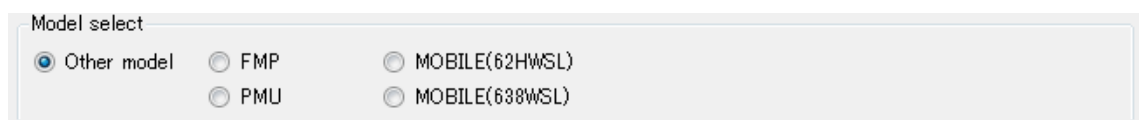
If a com number not in the pull down is used, enter the text directly.



5-3 Model select

Select the printer model name to use.

The software will not operate properly if this setting is incorrect.



6 Detailed contents of function

6-1 Interface setting

[1] RS-232C setting

< Support model >

FMP, PMU, Other

< Explanation >

This sets the various communication conditions for the RS-232C interface to user-specific setting.

Select the Baud rate, Parity and Flow control settings, and then click the Setting button.

Select "0 : Unchanged" for the setting that you do not want to change.

You can read out the settings currently in operation by clicking "Setting Read".

[2] USB setting

< Support model >

FMP, PMU, Other

< Explanation >

In this function, USB class is set.

By default, it is set to the printer class.

If you use OPOS, please use this function and set it to com class.

6-2 Logo registration

[1] Registration Image

< Support model >

All model

< Explanation >

The selected bmp is registered to the selected ID.

This data is registered in non-volatile memory.

[2] Select Image

< Support model >

All model

< Explanation >

Select bmp file created in black and white by Select Image button.

The size of the image that can be registered is different for each model. Refer to the product specification for details.

[3] Print Image

< Support model >

All model

< Explanation >

The logo registered in the selected ID is printed.

If not registered, only paper feed will be executed.

[4] Clear Image

< Support model >

All model

< Explanation >

The logo registered in the selected ID is deleted.

If there is no registration, it will not execute.

[5] Confirmation of registerable area (for FMP)

< Support model >

FMP

< Explanation >

This allows you to confirm the logo registration area.

If many images are registered, the search will take a lot of time.

This function is for USB only.

6-3 Other setting

[1] Nonvolatile memory deletion

< Support model >

Other model, FMP, PMU, MOBILE (62HWSL) ("2: Initial set value" supports only MOBILE (62HWSL))

< Explanation >

This function erases the data in nonvolatile memory at once.

Since the data content can not be recovered, please be careful when using it.

[2] Black mark width setting

< Support model >

FMP (for New circuit)

< Explanation >

The width of the black mark is set.

It can be set in the range of 24 to 40 dot.

[3] Command mode setting

< Support model >

FMP (for New circuit)

< Explanation >

The command mode is set.

In mode 1, the command specifications are the same as before.

In mode 2, the font size in the ESC! Command and the GS w command change.

6-4 FMP setting

[1] FMP model setting

< Support model >

FMP

< Explanation >

Firmware for FMP is common to both FTP-639USL100 series and FTP-639USL200 series.

This feature configures the model.

[2] Bezel setting

< Support model >

FMP (for New circuit)

< Explanation >

The bezel function is enabled / disabled.

[3] Bezel LED indication setting

< Support model >

FMP (for New circuit)

< Explanation >

Bezel LED indication is set.

6-5 Mobile setting

[1] Auto power off shift time setting

< Support model >

62HWSL, 638WSL

< Explanation >

This function sets Auto power off shift time.

[2] Print starting position setting

< Support model >

62HWSL

< Explanation >

This feature sets and notifies Print starting position.

[3] Default paper mode setting

< Support model >

62HWSL

< Explanation >

This feature sets and notifies Default paper mode.

[4] Default paper type setting

< Support model >

62HWSL

< Explanation >

This feature sets and notifies Default paper type.

[5] Charge while Power ON setting

< Support model >

62HWSL

< Explanation >

This function set enable or disable the charging while Power On.

The default setting is disable.

[6] Maintenance counter control

< Support model >

62HWSL

< Explanation >

This function notifies and clears maintenance counter values.

[7] Bluetooth PIN Code setting

< Support model >

62HWSL, 638WSL(Setting only)

< Explanation >

This function sets PIN code of the Bluetooth interface.

[8] Bluetooth Device Name setting

< Support model >

62HWSL, 638WSL(Setting only)

< Explanation >

This function sets Device Name of the Bluetooth interface.

[9] Bluetooth automatic connection setting

< Support model >

62HWSL, 638WSL

< Explanation >

This function sets Automatic connection setting of the Bluetooth interface.

[10] Bluetooth automatic disconnection time setting

< Support model >

638WSL

< Explanation >

This function sets Automatic disconnection time setting of the Bluetooth interface.

Set it to the best value because it may not be recoverable if it is set too short.

[11] Bluetooth security mode setting

< Support model >

62HWSL, 638WSL(Setting only)

< Explanation >

This function sets Security mode of the Bluetooth interface.

[12] Bluetooth information print

< Support model >

638WSL

< Explanation >

This function prints the Bluetooth interface settings.

(Linkkey, BDaddress, PIN code, Security mode, Encryption)

6-6 Printer status

[1] Status read

< Support model >

All model

< Explanation >

The current printer status is notified.

In the case of USB, the status display is updated each time this button is clicked.

[2] Automatic status notification setting

< Support model >

All model (Only RS-232C, Bluetooth)

< Explanation >

Automatic status notification function is set.

If there is a status transition of the checked content, the status is notified.

Unchecking all checks will disable the automatic status notification feature.

If even one is checked, the status will be notified when this function is set.

In the case of USB, it runs but does not affect the operation of the printer.

[3] Reply parameter notification

< Support model >

All model

< Explanation >

The data of the 4th byte of the printer status is set.

In RS-232C(Bluetooth), when this function is received, the printer status is returned.

[4] Status display

< Support model >

All model

< Explanation >

The content of the received status is displayed.

In RS-232C(Bluetooth), it is updated at the received timing.

In USB, it is updated when you click the Status read button.

[5] Communication display

< Support model >

All model

< Explanation >

The communication contents of the printer are displayed.

When sending a large amount of data, the display will be omitted because it will be slower.

6-7 Firmware update

[1] Version check

< Support model >

All model

< Explanation >

Gets the version of firmware that is operating.

The displayed content differs depending on the model.

[2] Firmware up date

< Support model >

All model

< Explanation >

Select firmware data with the Select FW data button.

Use only the firmware data for that model provided by FCL.

Using different data may corrupt the firmware.

Click the Execute button to execute the update.

Depending on the model, the update may be executed multiple times.

Do not perform other operations until the update is complete.

If you perform other operations or turn off the power, the printer will break down.

The app will be restarted after it is finished if you execute the download with 62HWSL.

After the download is complete, check that it has been successfully updated by version check.

Only when specified, the check box for Model check is unchecked. Normally, use it in the checked state.

This feature is not available in the new circuit FMP.

6-8 Test print

[1] Image print

< Support model >

All model

< Explanation >

Specify the print width in dot units according to the printer to be used.

Select bmp file created in black and white by Select Image button.

Select Bit Image or Stored image.

With Bit Image, one dot line is printed each time one dot line of data is received.

With Stored image, it is printed after receiving all data.

638WSL does not support Stored image.

[2] Print Test

< Support model >

All model

< Explanation >

Specify the print width in dot units according to the printer to be used.

The patterns of checkers, characters and Japanese kanji are printed.

[3] Sample Receipt

< Support model >

All model

< Explanation >

Sample receipt for 3 inches is printed.

The image registered for ID=1 is printed at the top of the sample receipt.

The image registered for ID=2 is printed at the end of the sample receipt.

If the image is not registered, it is not printed.

[4] Test print

< Support model >

PMU

< Explanation >

The printer test print is activated.

It works continuously until the printer's feed button is pressed or reset.

7 Revision History

7-1 History of software release

Software version	Changes	Date
1.0.0.0	● First release	Jun 31, 2019
1.0.1.0	Changed software name. Added Black mark width setting. Added Command mode setting. Added Bezel setting. Added Bezel LED indication setting.	Jun 1, 2020
1.0.2.0	Added a function to check the registerable area	Jan 21, 2021
2.0.0.0	Change company name.	Feb 15, 2024

7-2 History of this document

Document version	Changes	Date
1	● First release	Jul 31, 2019
2	Changed by software update.	May 21, 2020
3	Changed by software update.	Jan 21, 2021
4	Change company name.	Feb 15, 2024