

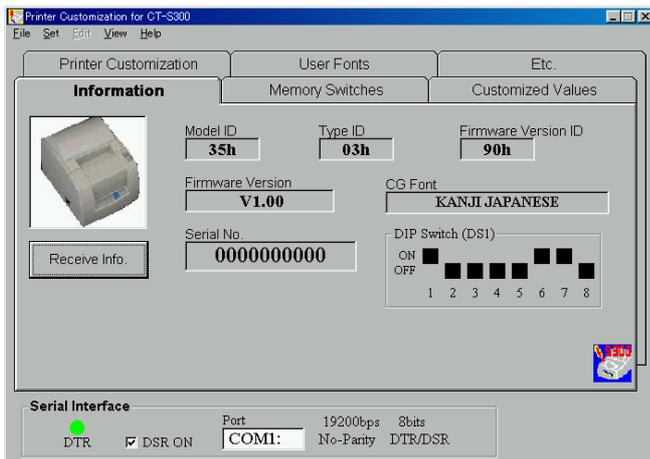
## CT-S300 Customization software

This software is made to utilize our CT-S300 by customizing.

The software will be changed without prior notice.

### 1. Explanation of each screen

#### 1-1. Model Information



By pressing “Get Information”, it received the following information from printer.

Model ID

Type ID

Firmware Version ID

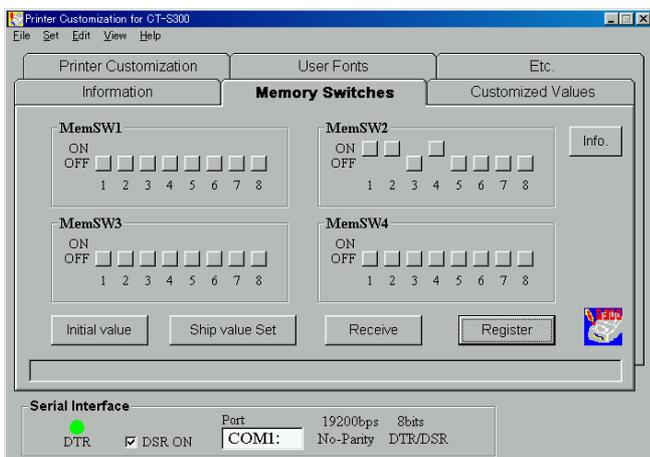
Firmware Version

CG Font

Serial No.

DIP Switch ( DS1 )

#### 1-2. Memory Switches



MemSW1-4

Shows On/Off of each memory switch

Info.

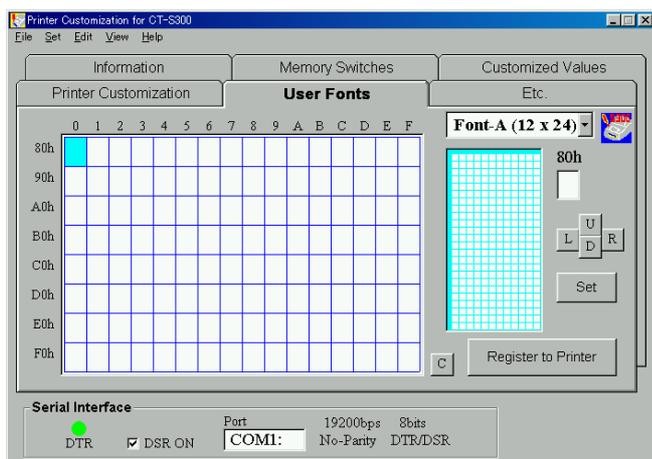
Shows explanation for function of each memory switch

Initial Value	Sets the displayed memory switch back to default.
Standard Defaults	Sets the memory switch of printer back to default.
Get Switches	Receives and shows current memory switch setting
Set Switches	Set memory switch on the screen to printer

1-3 Attributes                      See Section 2

1-4 Printer Configuration        See Section 3

### 1-5 User Fonts



This screen is to edit font data and register the font data to NV memory of printer.

First choose font type to edit from drop-down list at top right corner.

If you want to edit existing font file, please load the file by “File => Read Font Data”.

To start actual font editing, please choose the character from character table matrix at left side.

Then make the character at left blue matrix by drugging the cursor.

You can use “Clear”, ”Cut”, ”Copy” or “Paste” from the Edit menu.

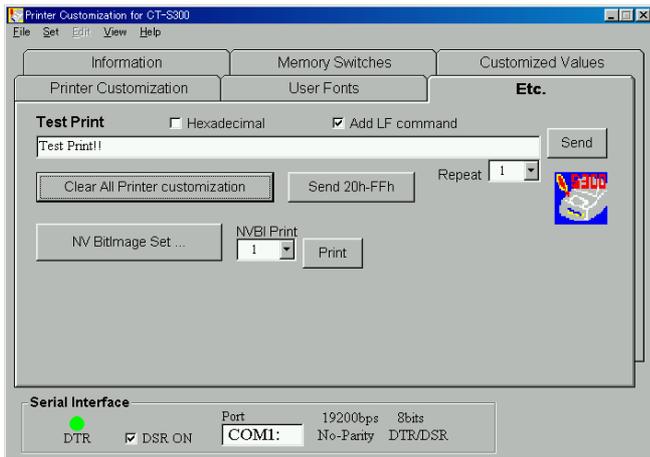
Also “U”, “D”, “L”, “R” button can be used to move the character in the matrix.

“C” will clear the all data in character table matrix.

The font data in character table will be register to printer by pressing “Register to Printer” button.

To save the data to PC, from menu “File => Save Font Data”.

## 1-6 Other



Hexadecimal

Sample data in Hex. data is printed in Hexadecimal.

Add Line Feed

After printing the data, one line is fed automatically.

Test Print!!

Please enter the print sample data in this text box.

Send

Sends the print sample data in text box to printer.

Repeat

Sends the sample data in multiple times.

Clear All Printer Customization

Sets the printer back to default setting.

Print character set

Prints the characters in current character table.

NV Bit image Set

Calls the Windows to register bit image to NV memory

NVBI Print

Please choose the registered bit image number to print.

Print

Prints the chosen bit image in NV memory.

## 2. Attributes

The step to use this function is 1) Load the current setting from printer 2) Change the setting 3) Register the setting to printer. Or 1) Make setting newly 2) Register the setting to printer.

Common parts of this function are as follows.

Initial value

Changes the setting on the screen back to default.

Receive

Receives/displays the current setting of the printer.

Register

Registers setting on the screen to printer.

Printing

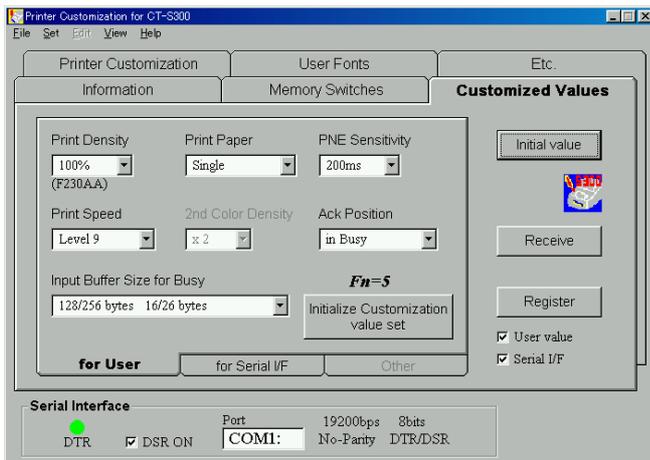
Enables registration of "for User" setting.

Serial I/F

Enables registration of "for Serial I/F" setting.

The details of each setting are as follows.

## 2-1 Printing



Print Density

Gives the choice of print density.

Print Paper

Gives the choice of 2 color paper for 2 color printing.

PNE Sensitivity

Gives the choice of paper near end sensitivity.

Print Speed

Gives the choice of slower printing.

ACK Position

Gives the choice of ACK signal timing.

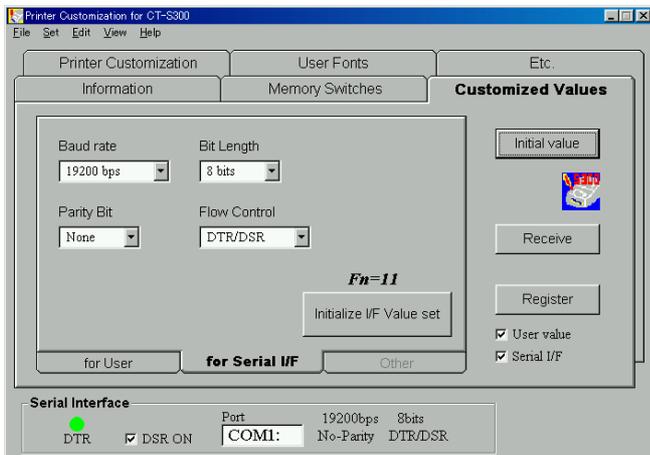
Input Buffer Size for BUSY

Gives the choice of timing by full buffer.

Standard Defaults

Changes customized value of printer back to default.

## 2-2 For Serial I/F (Effective only when DIP Switch 1 is set for OFF - Memory Switch).



Baud rate

Changes the baud rate setting.

Bit Length

Changes the data length setting.

Parity Bit

Changes the party setting.

Flow Control

Changes the flow control setting.

Standard Defaults

Changes serial I/F condition back to default.

## 2-3 Other

This function is not available.

### 3. Printer Configuration

There are settings which disappear when turn off or receive initializing command. This function saves such settings to the printer to be default setting. Therefore, it is necessary to have two steps such as 1) make setting and 2) save the setting to printer.

#### First step

Change the setting on the screen and press “>” button next to it to send the setting to printer.

If you send multiple setting and function of setting over-wrap each other or each setting affect each other, the order to send the setting to printer may cause different results.

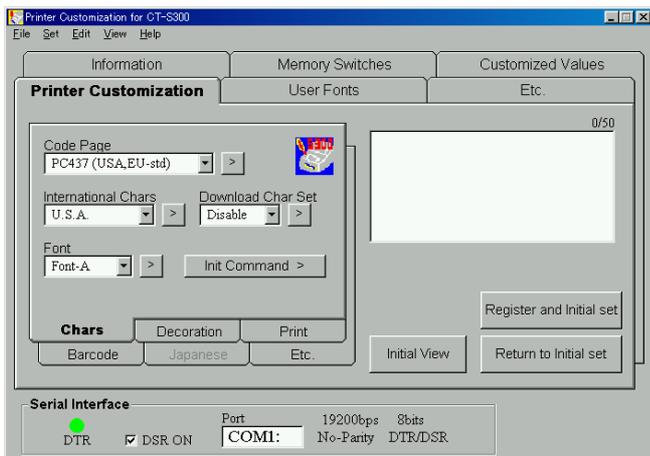
#### Second step

Use the following buttons in common area.

Initial view	Changes the setting on the screen back to default.
Register and Initial set	Saves the sent settings to the printer.
Return to Initial set	Clears the customized setting back to default.

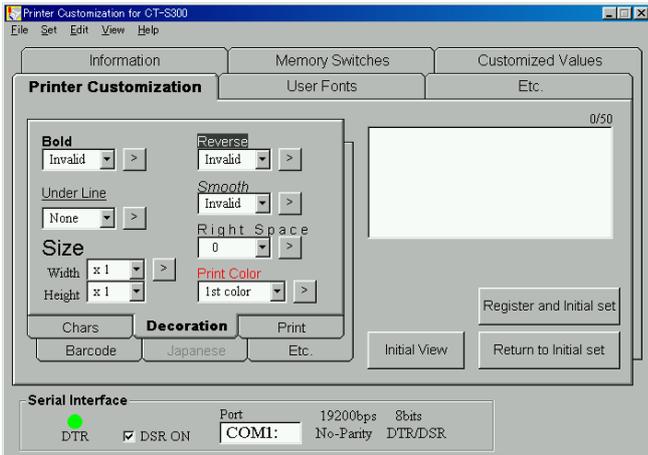
The details of each settings are as follows.

#### 3-1 Font Sel.



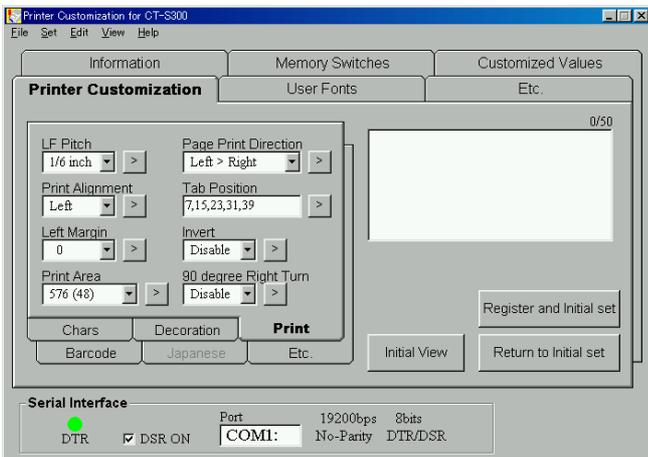
Code Page	Choose the codepage for new default.
International Chars	Choose the international character for new default.
Font	Choose the font for new default.
Download Char Set	Enables download character as new default.
Clear Prinrer	Clears all the sent settings to printer.

### 3-2. Font Format



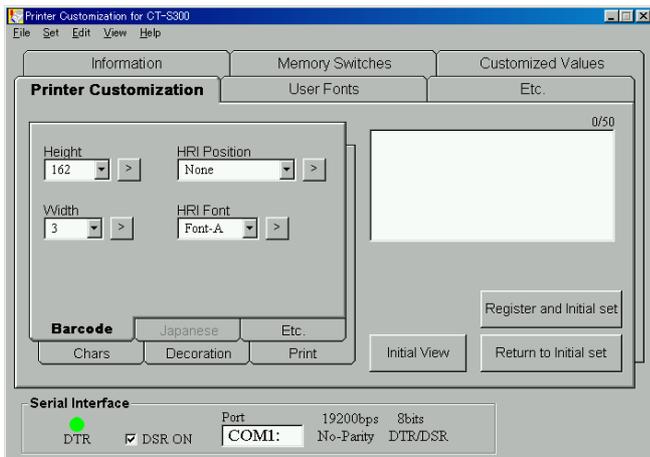
- Bold** Enables bold character as new default.
- Underline** Enables underline character as new default.
- Size** Changes default character size
- Reverse** Enables B/W reversed character as new default.
- Smooth** Enables smoothing function as new default.
- Right Space** Set the space between characters.
- Print Color** Enables second color as new default.

### 3-3. Print



- LF Pitch** Changes default line feed pitch.
- Print Alignment** Changes center or right alignment as new default.
- Left Margin** Changes default left margin.
- Print Area** Changes default print area narrower.
- Page Print Direction** Changes default print direction in page mode
- Tab Position** Changes default tab position.
- Invert** Changes inverted character as new default.
- 90 degree Turn** Changes 90 degree rotated character as new default.

### 3-4 Barcode



Height

Changes default barcode height.

Width

Changes default barcode width.

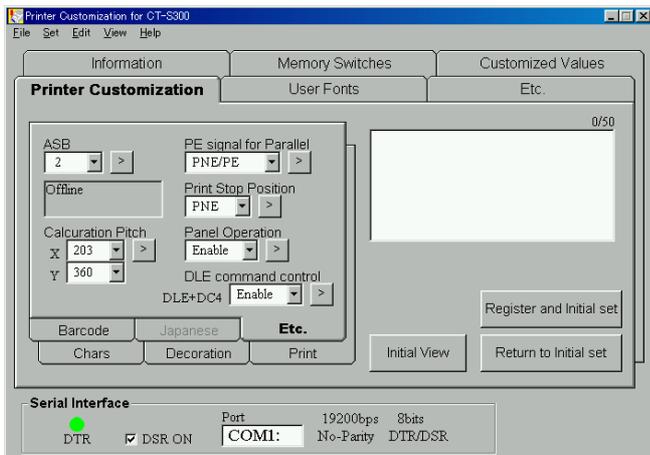
HRI Position

Changes default HRI character position.

HRI Font

Changes default HRI character font.

### 3-5 Other



ASB

Changes the default setting of status data to get by ASB

Calculation Pitch

Changes the default basic pitch for lines and characters.

PE signal for Parallel

Changes the default condition for PE signal output.

Paper Out

Changes to stop printing by PNE.

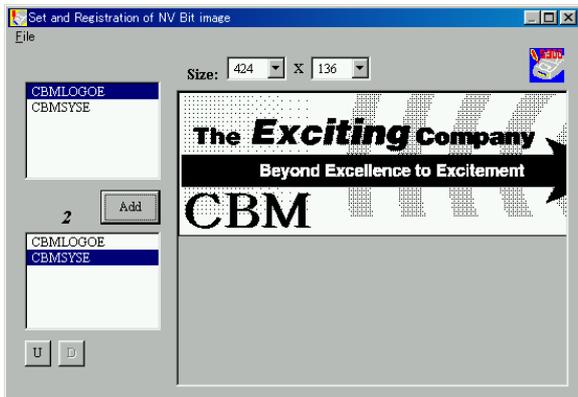
Feed Button

Disables LF switch as new defaults.

DLE command control

Disables DLE+DC4 command as new default.

#### 4. Bit Map Image Registration to NV memory



By this function, BMP or JPEG format files can be loaded and converted to the format to register to NV memory of printer. (Color data is changed to black and white data. )

The details of Menu are as follows.

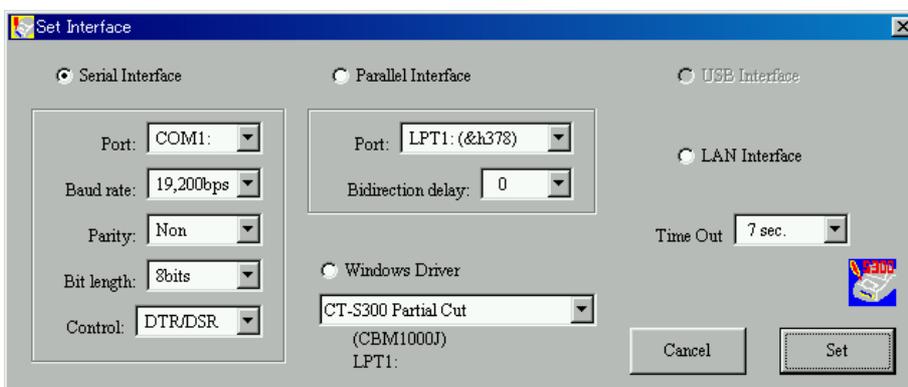
##### File

Open Image File	Loads the BMP or JPEG file.
Save NVBI Data	Saves the loaded data to PC.
Register to Printer	Saves the converted data to NV memory of printer.
Close	Close this Windows.

Loaded files are shown on top left list box. If a file in the list is chosen, main box shows the graphics. By clicking “Add” button, the file name will be shown on bottom left list box. If multiple files exist on bottom left list box, you can change the order by “D” and “U” button.

By “File” => “Register to Printer” from the Menu, the files in bottom left list box will be registered to NV memory of printer. Registration number is automatically assigned from No. 1 in the order of the list box. To print registered image data, it is necessary to specify the registration number.

#### 5. Set Interface



On this Window, you can choose interface and specify the communication condition. And Windows driver can be used for the communication for limited use.

## 6. Menu

The structure of the menu and the details are as follows.

### File

Open	Loads saved configuration file from PC.
Save	Saves (and over-write) the current configuration to PC.
Save As	Newly saves the current configuration to PC.
Print assist	Assists to try various function of the printer.
Self printing	
Memory switches condition print	
Hexadecimal dump mode	
Paper feed for 10 lines	
Reset Printer	Software reset
5 lines and partial cut	
Reset signal for 200ms	Hardware reset (Parallel I/F only)
Buzzer	
Drawer 1 Operation	
Drawer 2 Operation	
Receive data	Shows the status data etc.
Open Font Data	Loads the saved font data
Save Font Data	Saves the edited font data

### Set

Interface	Calls the "Set Interface" Window
Auto Registration	Loaded configuration is registered automatically
NV Bit Image	Calls the Windows to register bit image to NV memory
Management Mode	Not available

### Edit

Delete	Clears the edited font data
Cut	Cuts the edited font data
Copy	Copies the edited data to clipboard
Paste	Pastes the copied font data
Reverse	Reverses the black and white of character
Rotate 180	Rotates the character 180 degrees
Flip Vertical	Turns the character upside down
Flip Horizontal	Turns left and right of the character

### View

Close (Open) Interface Port	Closes (opens) the interface port and shows/hide details
Signal Timing	Sets the timing of interface port check

Model Information	Switches to Model Information Tab
Memory Switch	Switches to Memory Switch Tab
Customized Value	Switches to Customized Value Tab
Printer Command	Switches to Printer Customization Tab
User Fonts	Switches to User Fonts Tab
Etc.	Switches to Other Tab
Auto Registration Message	In case of Auto Registration, verifying message comes.
Japanese	Switches to Japanese mode
Display Font Set	Changes the font of display

## Help

About	Shows the version
Notice	Shows the notice
MemSw Information	Shows the details of memory switch