

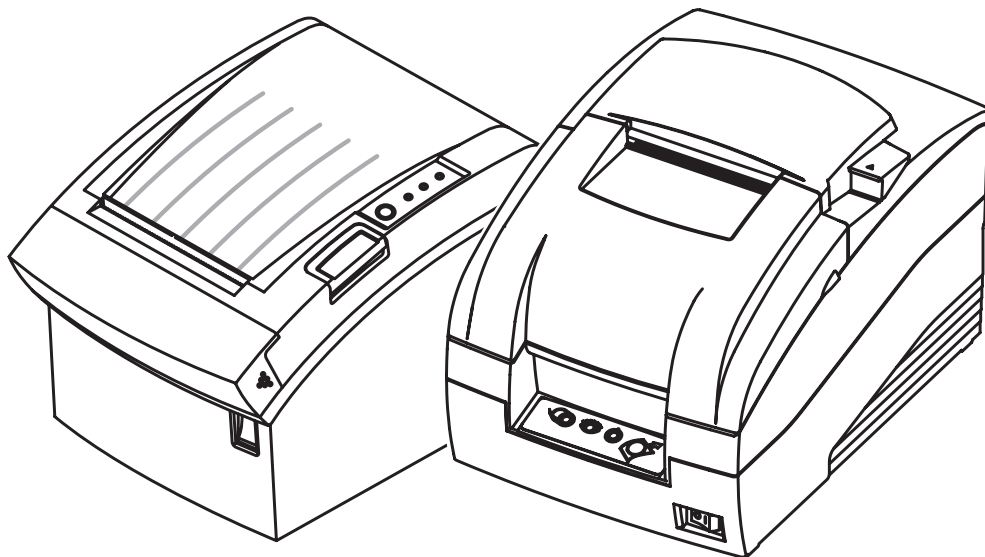


# Software Manual NV Image Tool

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**Rev. 1.02**

**GDP-220  
GTP-250**



<http://www.senortech.com>

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## **1. Manual Information**

The purpose of this manual is to provide information on the operation and usage instructions of the NV Image Tool for the SENOR GTP-250 and GDP-220 Printers. This program helps you to download user-defined images to the flash memory in the printer and to recall and print those images with fast speed.

## **2. Usage Environment**

### **2-1 Operating System**

Following operating systems are supported for usage.

Microsoft Windows 98  
Microsoft Windows Millennium Edition  
Microsoft Windows 2000  
Microsoft Windows XP (32bit/64bit)  
Microsoft Windows 2003 Server (32bit/64bit)  
Microsoft Windows Embedded For Point Of Service  
Microsoft Windows Vista (32bit/64bit)

### **2-2 Device Property**

Use of this Utility is supported on the following property.

Model	Serial	Parallel	USB	Ethernet	Download Image Count	Color mode
GDP-220	O	O	O	O	255 / 10	Mono / Color
GTP-250	O	O	O	O	255 / 78	Mono / Color

O: Supported

## **3. Ready to NV Image Tool**

NV Image Tool is included in the enclosed CD, and can also be downloaded from the SENOR website.

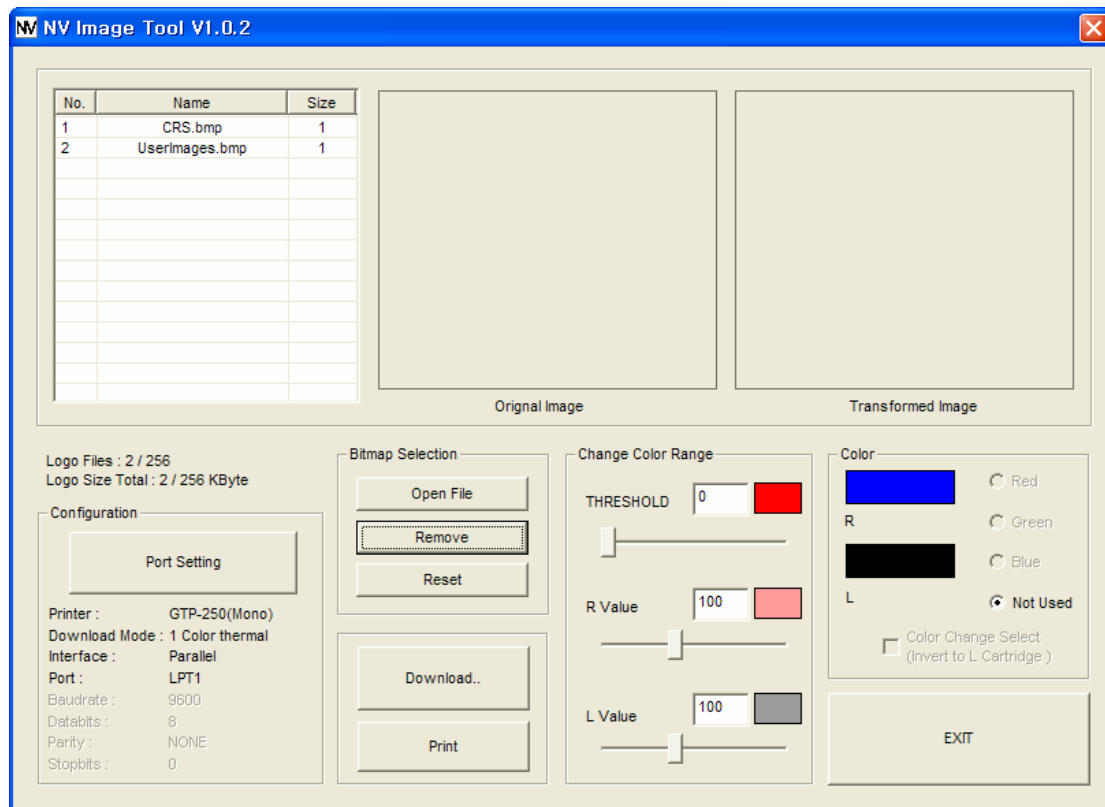
([www.senortech.com](http://www.senortech.com))

The Name of Execute File is "NV Image Tool(Ver1.x.x).exe".

## 4. Usage of NV Image Tool

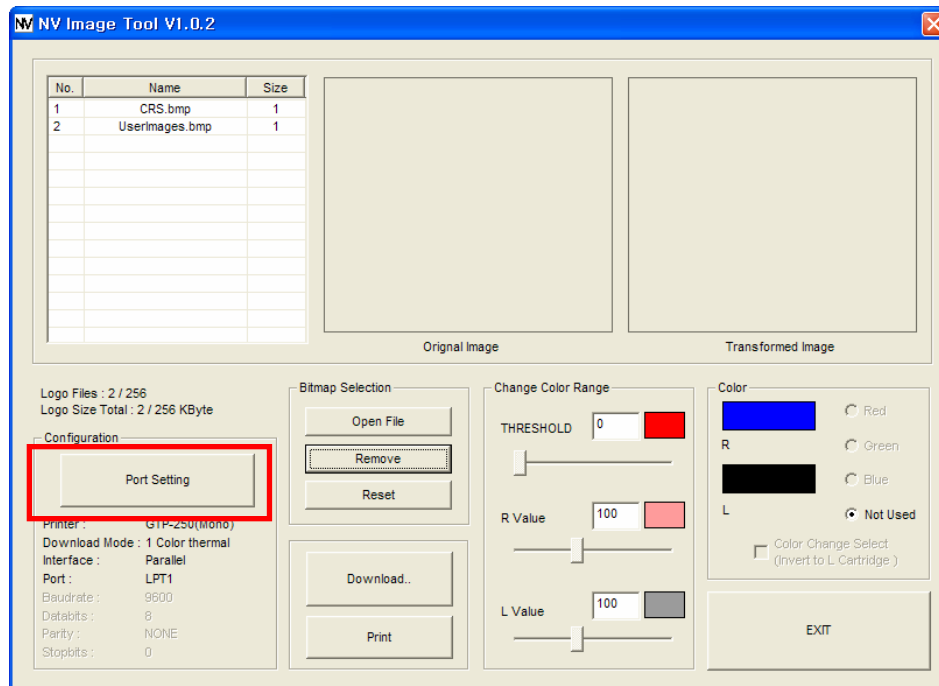
### 4-1 The beginning of NV Image Tool

- 1) Run the “NV Image Tool(Ver1.x.x)” file.
- 2) Upon initiation of the program, the following main window will be appeared.

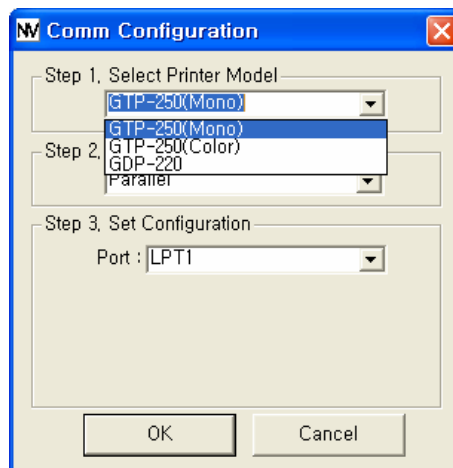


## 4-2 Communication Configuration

1) Click “Port Setting” button to set communication configuration.

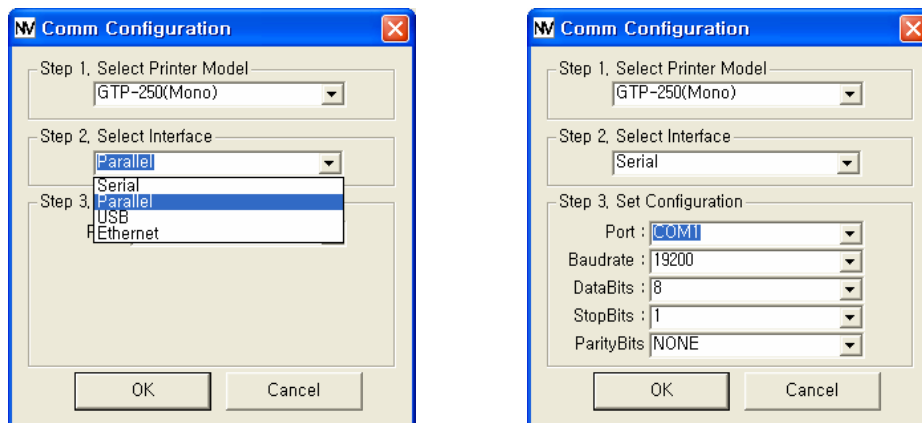


2) Select the Printer model. If the Printer is supported two-color mode, mono or two-color mode can be selected.



- \* The choice of Mono / two-color mode is applied in GTP-250 printer model. According to the choice of mode, the command of sending image data is distinguished.
- \* GDP-220 printer models that are supported two-color mode are no need to choose it.

- 3) Each printer model has different communication interface. Set the port and the communication configuration that corresponds to the printer.

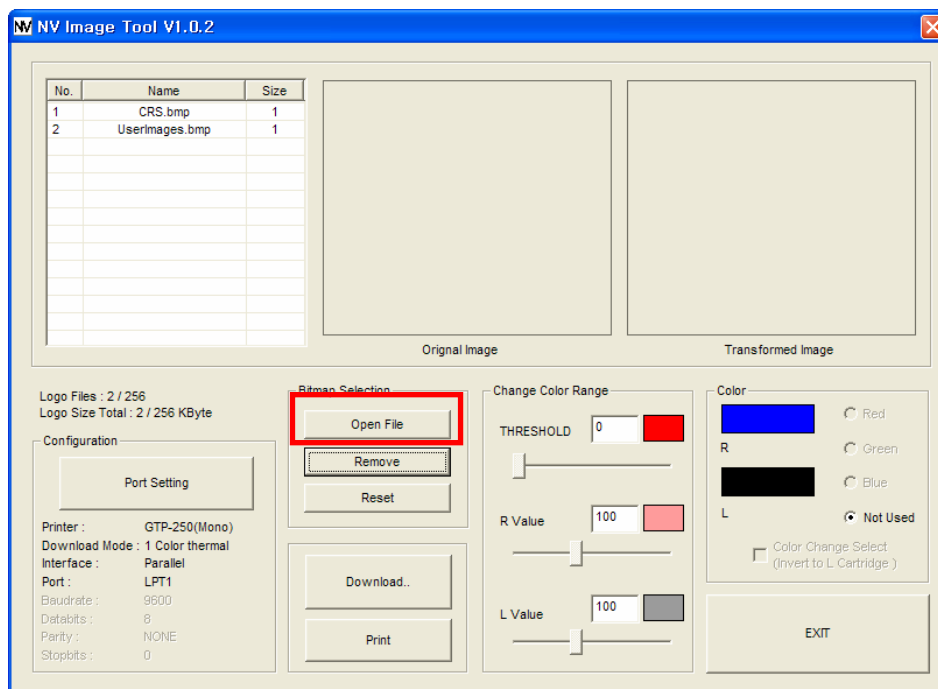


\* In the Serial Interface, match the communication setting (COM port number and Baudrate) to those of the printer.

- 4) After selecting the configuration press “OK” button to complete the communication configuration setting, and press “Cancel” button to cancel the configuration selected.

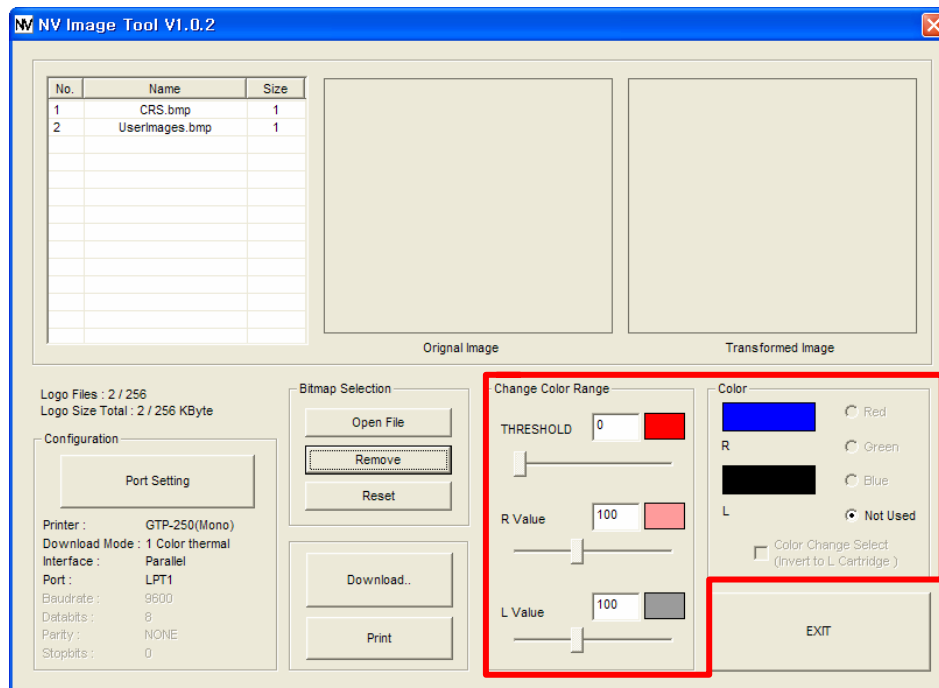
## 4-3 Image List Management

The images can be opened / added, deleted in the Image list box using three buttons in Bitmap selection. Only **bmp** type of image is available to download.



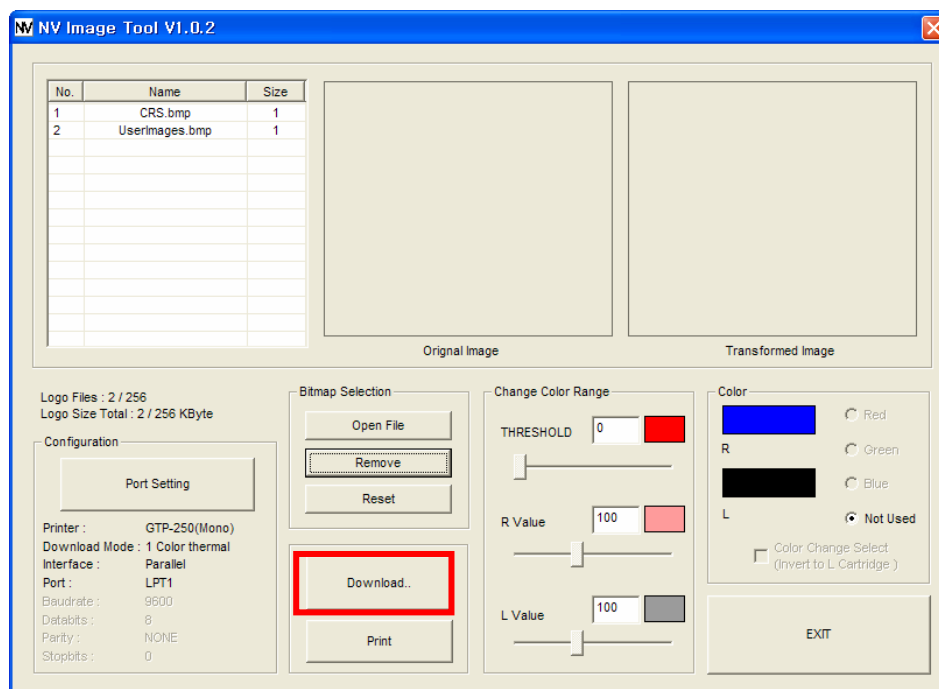
## 4-4 Change the Color

The color of image can be modified, when you use two color printers. Just try to move the horizontal scroll bar as you can see in the picture.



## 4-5 Download the image

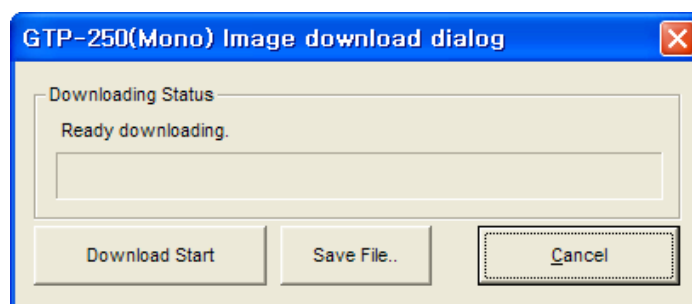
When the "Download.." button is clicked, pop-up window and the steps are different based on printer model.



### 4-5-1 Download the mono image in thermal printer

- \* In the printer selection section of paragraph 4.2, when selecting GTP-250(Mono), the Mono image download mode is entered.
- \* Mono image download command uses the macro command "FS q". For further details, please refer to the commands manual of the corresponding model.

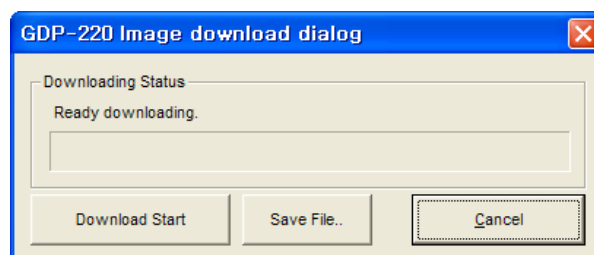
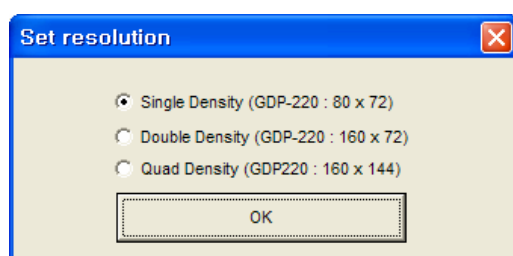
After all images stored on the corresponding printer are deleted, the image is downloaded. The image is assigned a number according to the image list displayed on the screen.



### 4-5-2 Download the image in dot printer

- \* In the printer selection section of paragraph 4.2, when selecting GDP-220, the Dot Printer image download mode is entered.
- \* The Dot Printer image download command uses the macro command "ESC g" and the bit image command "ESC \*". For further details, please refer to the commands manual of the corresponding model.

After all images stored on the corresponding printer are deleted, the image matching the selected resolution level is downloaded. The image is assigned a number according to the image list displayed on the screen.

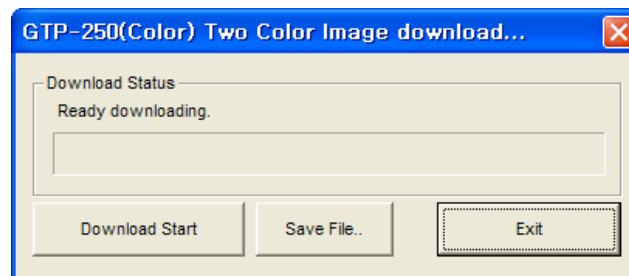




### 4-5-3 Download the color image in thermal printer

- \* In the printer selection section of paragraph 4.2, when selecting GTP-250(Color), the color image download mode is entered.
- \* The Color image download command uses the macro command “BS ^ L”.  
For further details, please refer to the commands manual of the corresponding model.

After all images stored on the corresponding printer are deleted, the image is downloaded. The image is assigned a number according to the image list displayed on the screen.

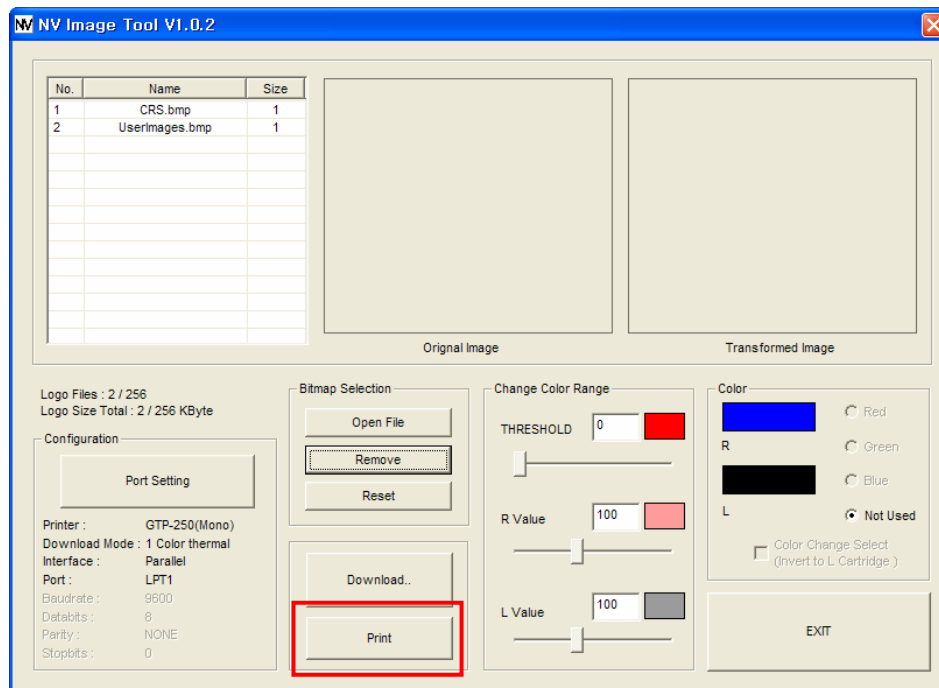


### 4-6 Save Print File

The “Save File” button shown in each download prompt window can be used to save in a computer file format.

## 4-7 Print the image

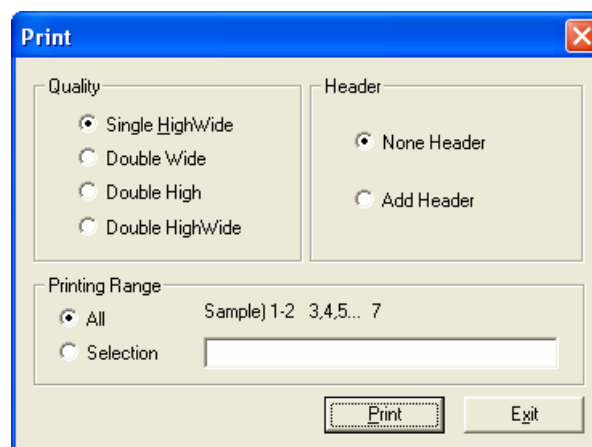
The “Print” button in the main screen can be used on each printer model to print and test a stored image.



### 4-7-1 Print the mono image in thermal printer

- \* In the printer selection section of paragraph 4.2, when selecting GTP-250(Mono), the Mono image download mode is entered.
- \* Mono image download command uses the macro command “FS q”.  
For further details, please refer to the commands manual of the corresponding model.

Configuration of expansion options and the selection of the number of the image to be printed can be done when printing.



### 4-7-2 Print the image in dot printer

- \* In the printer selection section of paragraph 4.2, when selecting GDP-220, the Dot Printer image download mode is entered.
- \* The Dot Printer image download command uses the macro command “ESC g”.  
For further details, please refer to the commands manual of the corresponding model.

All stored images are printed.

### 4-7-3 Print the color image in thermal printer

- \* In the printer selection section of paragraph 4.2, when selecting between GTP-250(Color), the color image download mode is entered.
- \* The Color image download command uses the macro command “BS ^ L”.  
For further details, please refer to the commands manual of the corresponding model.

Configuration of expansion options and the selection of the number of the image to be printed can be done when printing.

