



# GoLabel II User Manual

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# 1.Working Environment

System Requirement	
CPU	CPU frequency 1 GHz above
Memory	2GB above
Hard Disk Space	Remaining space 100 MB above
System	Windows 7, Windows 8, Window 10, Window 11
Available software environment	.NET Framework 4.0 above
Screen Resolution	1024x768 at least



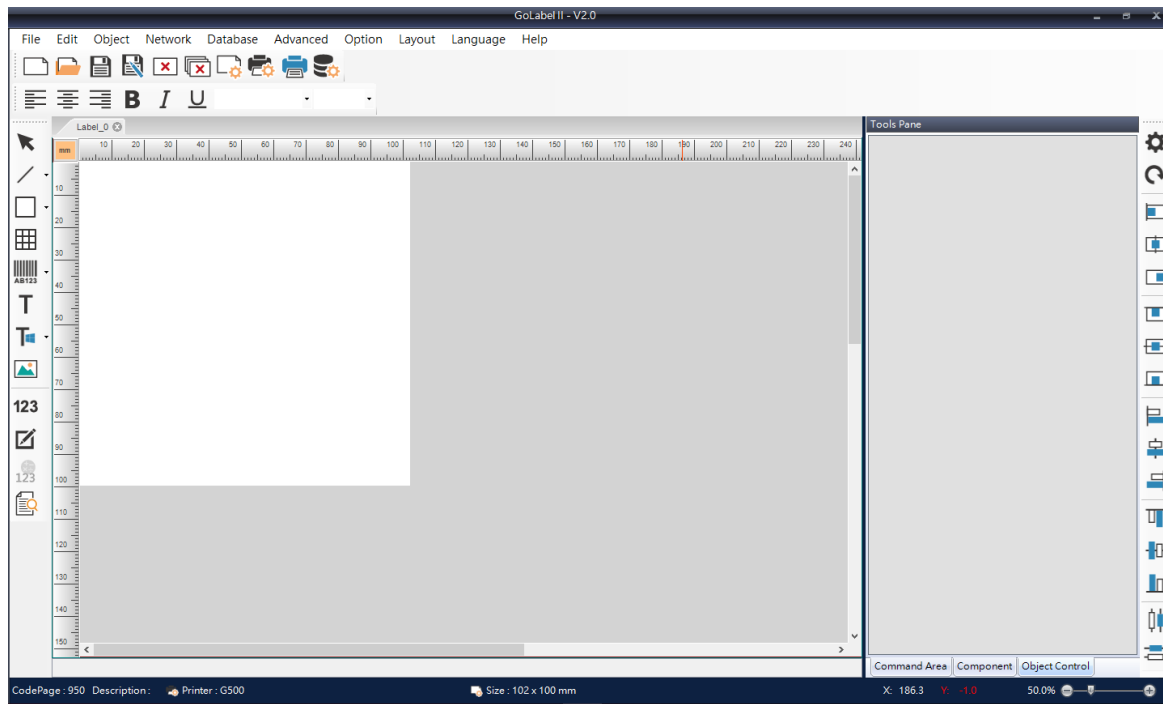
## 2.Introduction

GoLabel II is a new generation of "label editing software" developed by GoDEX. Continuing the foundation of the previous generation of GoLabel, it provides a more intuitive and friendly user interface, and continues to provide GoDEX printers users with the best integration services from hardware to software.

GoLabel II supports a variety of 1D and 2D barcode formats, with graphics and multiple font printing functions, and also supports database printing and network printing, with a WYSIWYG simple, intuitive and user-friendly operation interface , to meet the needs of users, easily design and print various types of labels.

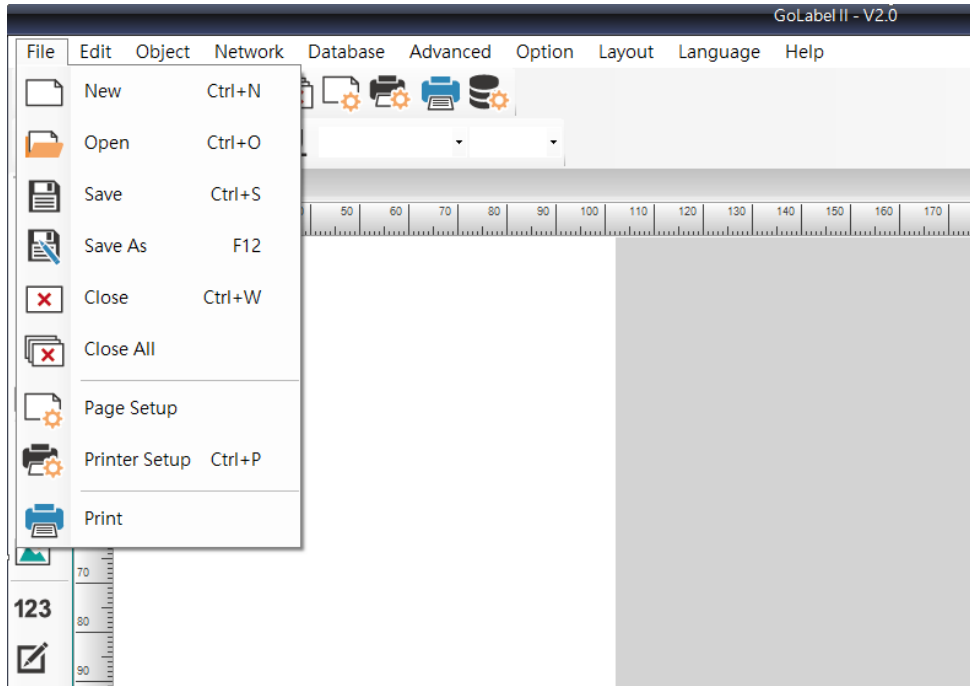
### 2.1 Start on GoLabel II

The main screen includes the upper [Menu], the [Toolbar], the [Label Editing Area] in the central, and the [Tools Window] on the right.



## 2.1.1 Function Menu








Users can find all the functions of the program in the [Function Menu]. The menu also lists the [Shortcut Keys] of the function, which can make the user operate more conveniently.
























## 2.1.2 Toolbar

On the left, right side and top, there are [toolbars] that contain graphic buttons. The user can adjust the position of the toolbar by clicking and moving with the mouse.
















The function of each button in the toolbar is listed below:

(File and Database)	
	New Format
	Open
	Save
	Save as new file
	Closed
	Closed All
	Paper Setting

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	Printer Setting
	Printing
	Database Connection
<b>(Edit)</b>	
	Copy
	Past
	Copy Label To Clipboard
	Cut
	Delete
	Undo
	Redo
	Move To Front
	Send To Back
	Select All
	Unselect All
	Lock Object
	Unlock Object
	Group
	Ungroup
<b>(Others)</b>	
	Enable/Disable Graph Line
	Enable/Disable Tool Pane
	Enable/Disable Grid

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	Enable/Disable Object Dash Line Align
	Global Setup
	Printer Model List
<b>(Alignment)</b>	
	Text Left Alignment
	Text Central Alignment
	Text Right Alignment
<b>B</b>	Bold
<i>I</i>	Italic
<u>U</u>	Underline
<b>(Advance)</b>	
	Printer Control
	Virtual Terminal
	Calibration Sensing
	Real Time Clock Set Up
	Download To Printer
	Delete From Printer
	Synchronize To Printer
Recall Label	Recall Label
<b>(Network)</b>	
	IP Setting
	Set Alarm Parameter

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Set Alert Message



Search Printer

### (Line and Graphic)



Horizontal Line



Vertical Line



Oblique Line



Rectangle



Filled Rectangle



Ellipse



Rounded Rectangle



Triangle



Diamond



Table

### (Textbar)



Printer Text



Windows Text



Text Box



Wrap Text



RTF Text



Word Art Text








Circle Text

### (Barcode)





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	1D Barcode
	GS1 DataBar
	Aztec
	CODABLOCK F
	Data Matrix
	DotCode
	GS1 Composite
	Han Xin
	Maxicode
	Micro PDF417
	PDF417
	QRcode













### (Others)

	Graphics
	Serial
	Variable
	Variable Calculation
	RTF Keyword Setting

### Right Side Toolbar

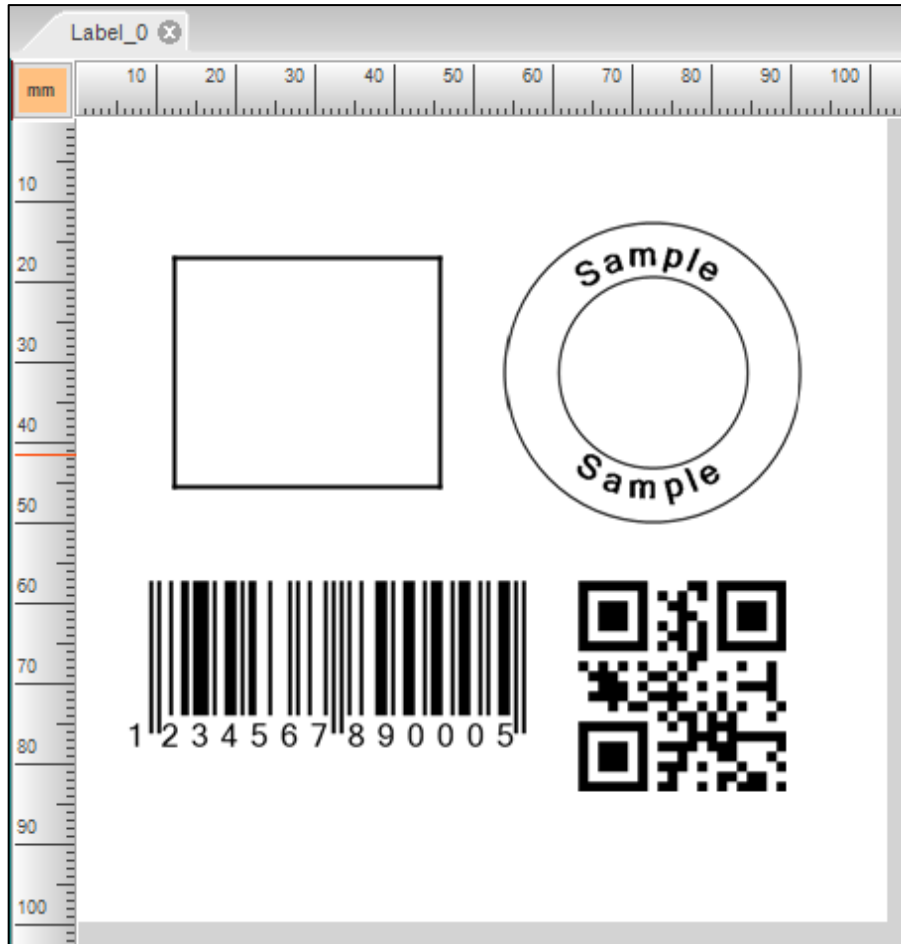
	Global Setup
	Label Rotate 90 Degree
	Align Left
	Align Center

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	Align Right
	Align Top
	Align Middle
	Align Bottom
	Align Left
	Align Center
	Align Right
	Align Top
	Align Middle
	Align Bottom
	Distribute Vertically
	Distribute Vertically

### 2.1.3 Label Edit Area

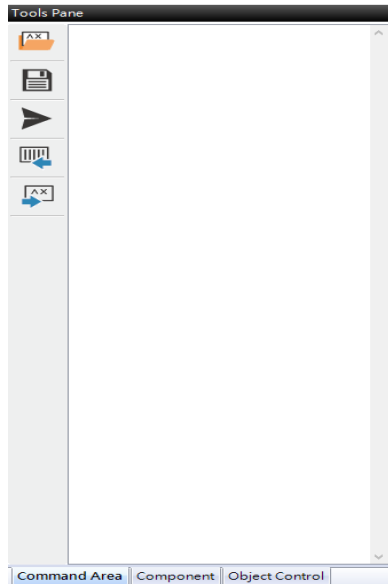
[Label Editing Area] is the area for designing labels, layout and preview. User can click on objects such as [Shape], [Barcode], [Text] on the left toolbar, and then click the position where the object is to be placed in the label editing area, and then the object can be created in the label editing area.










## 2.1.4 Command Area

[Command Area] can be used to obtain and edit printer commands. Users can input printer commands here and press the [Send] button to directly set and control the printer.



If you need to develop your own program, you can edit the label content in the [Label Editing Area], and then use the [Export] function to convert the label content into printer commands. For higher-level users, such as engineers, software designers, etc., quick operation tools are provided.

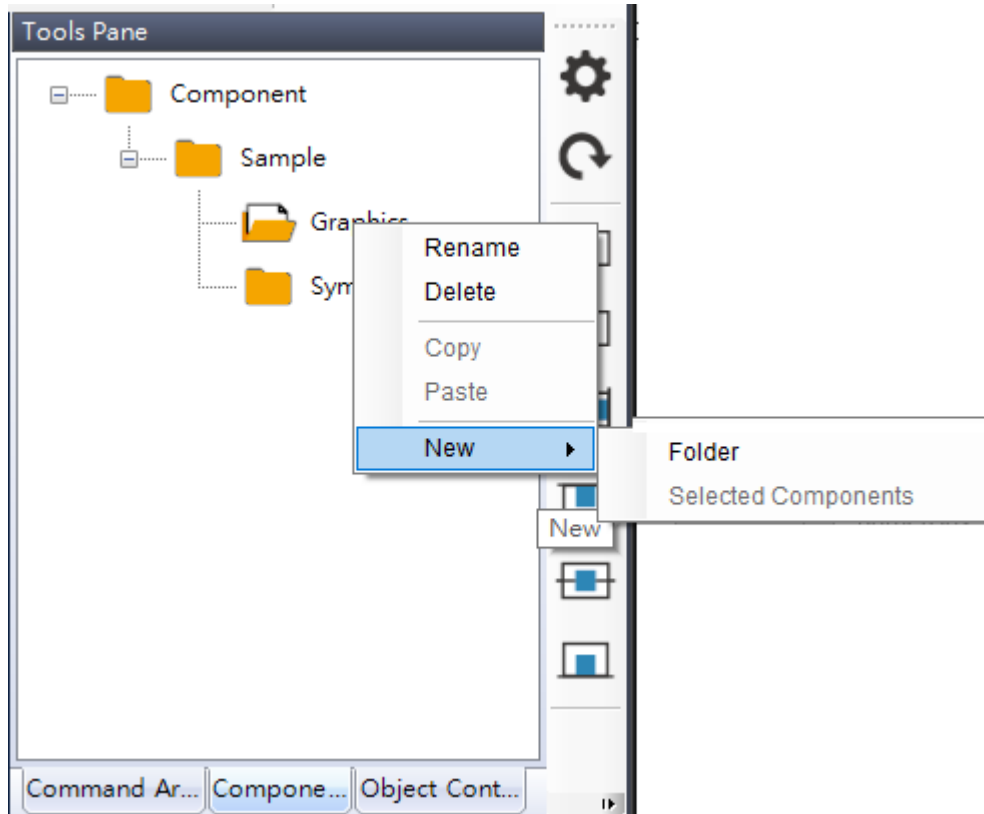
Command Area		
	Open	Open the text file and display the data in the [Command Window]
	Save	Save the commands as a file
	Send	Send the commands to printer.
	Import	Transfer the data to Label Edit Area and display the result.
	Export	Export the Label format to commands

## 2.1.5 Tool Pane (Component )

In the [Component] window, user can select multiple commonly used objects to create a custom set of objects. If there are many frequently used items, you do not need to

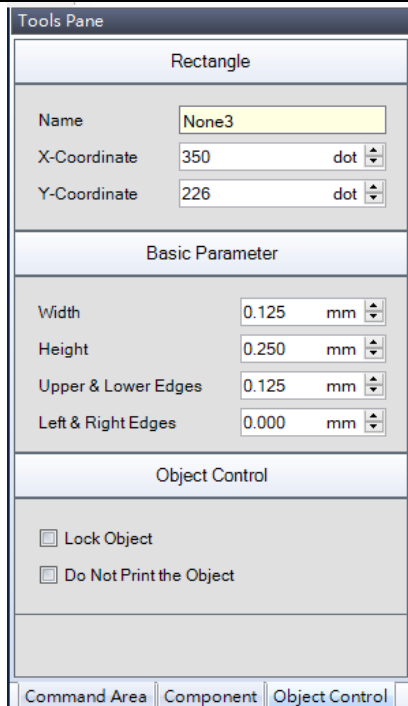
create objects one by one each time, you can create multiple objects at once.

Users can select multiple objects in the [Label Editing Area], then select a directory in [Components], right-click the mouse, and select [Add] → [Currently Selected Objects] to create a new set of objects.



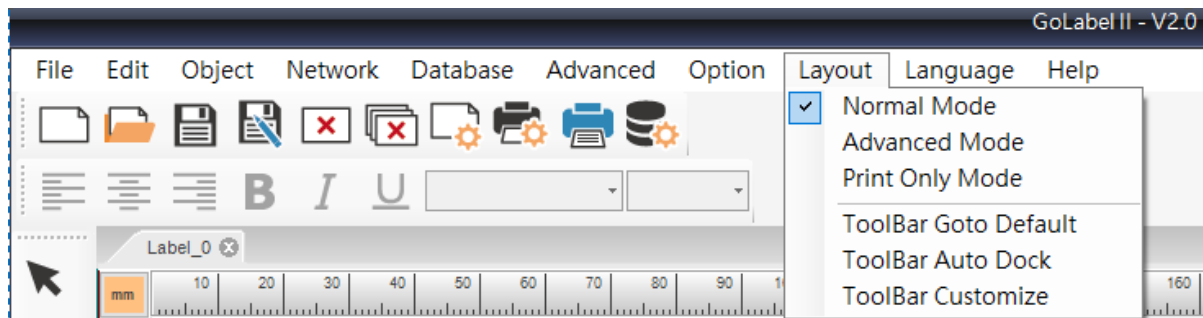
### 2.1.6 Tool Pane ( Object Control )

The [Object Control] page is a quick setting interface for objects. When user selects different objects in the [Label Editing Area], the setting items of the currently selected object will be displayed in this interface.



## 2.2 Layout

In the [Layout] option of the [Function Menu] above, there are three operation interface configurations: [Normal Mode], [Complete Mode] and [Print Mode]. Users can choose different layouts according to different usage habits and situations.



### 2.2.1 Normal Mode

In [Normal Mode], users are expected to edit and print labels only through the computer, and most advanced printer-controlled toolbars are hidden by default. The interface in this mode is relatively simple, and users are less likely to be disturbed by various unused functions, and can concentrate on editing labels and printing.

### 2.2.2 Advance Mode

In [Advance Mode], all the tools will be displayed.

### 2.2.3 Print Mode

In [Print Mode], the user cannot edit or move the objects in the tab, only actions such as opening files and printing are allowed.

### 2.2.4 Toolbar Go To Default

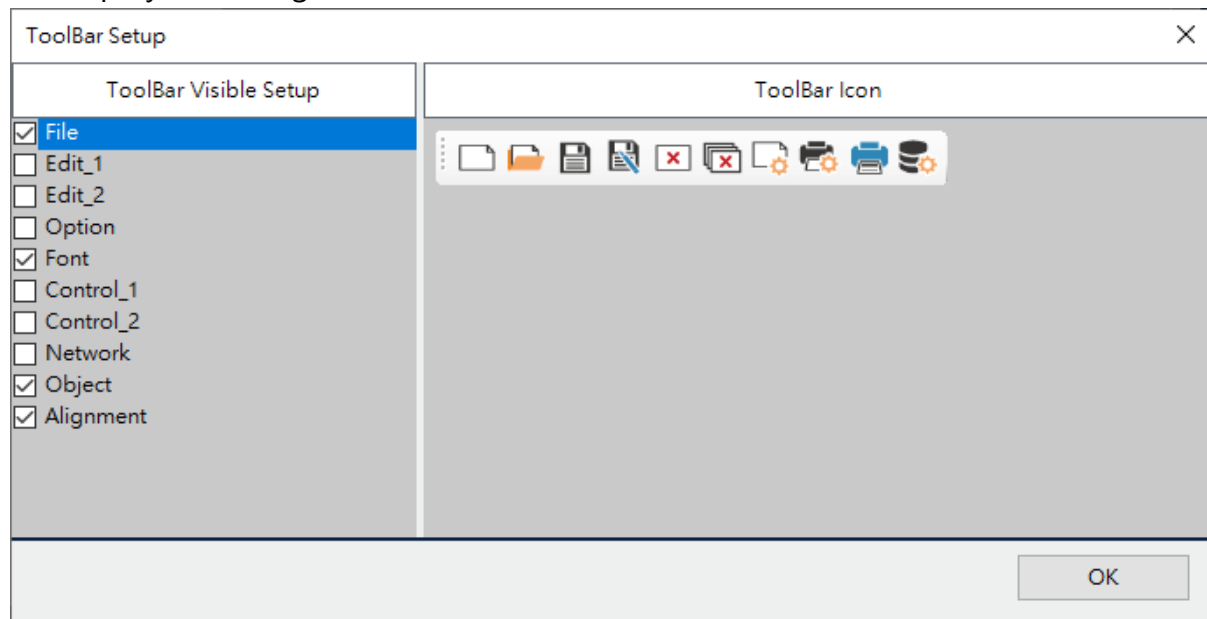
The program allows the user to configure the position of the toolbar, hence, it may cause layout clutter under unplanned use. This function can set the layout back to its original state. It should be noted that when the layout is [Normal Mode], this function will set the layout of the normal mode back to the original state. When the layout is [Advance Mode], this function will set the layout of the advance mode back to the original state.

### 2.2.5 Toolbar Auto Dock

The program allows the user to configure the position of the toolbar, hence it may cause layout clutter under unplanned use. This feature automatically snaps all toolbars to the edge.

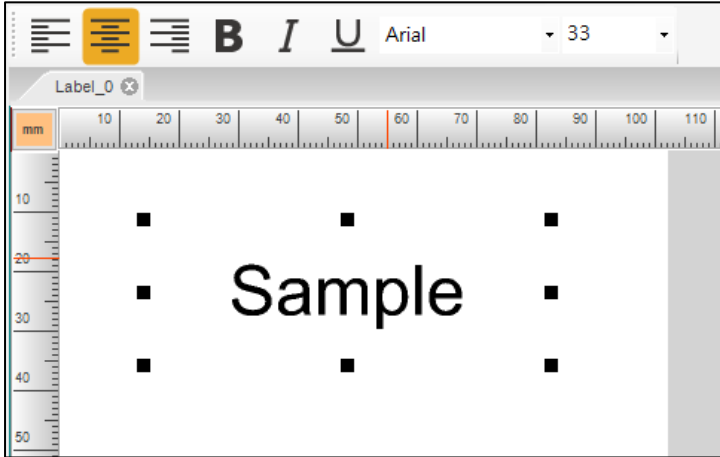
### 2.2.6 Toolbar Customized

When the default layout cannot meet the user's needs, you can configure the toolbar to be displayed through this function.



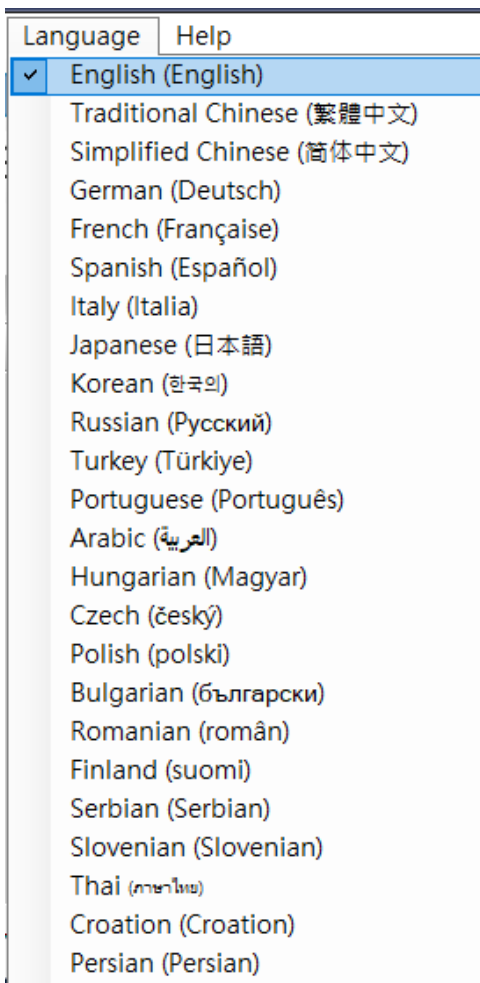
## 2.3 Font Bar

It is convenient for users to select multiple objects in the label editing area to uniformly change the font and style.



## 2.4 Language


24 Languages Supported now.





## 3.General Operation

### 3.1 Add, Save, and Open a label file


#### 3.1.1 Open a new label file

Click the icon "New"  on the tool bar to open a new label file. The shortcut key for "New" is Ctrl + N


#### 3.1.2 Save a label file

Click either icon "Save"  or "Save As"  to save the label files to dist. Its file type is "ezpx". The shortcut key for "save" is Ctrl + S; the shortcut key for "Save As" is F12.

#### 3.1.3 Open an existing file

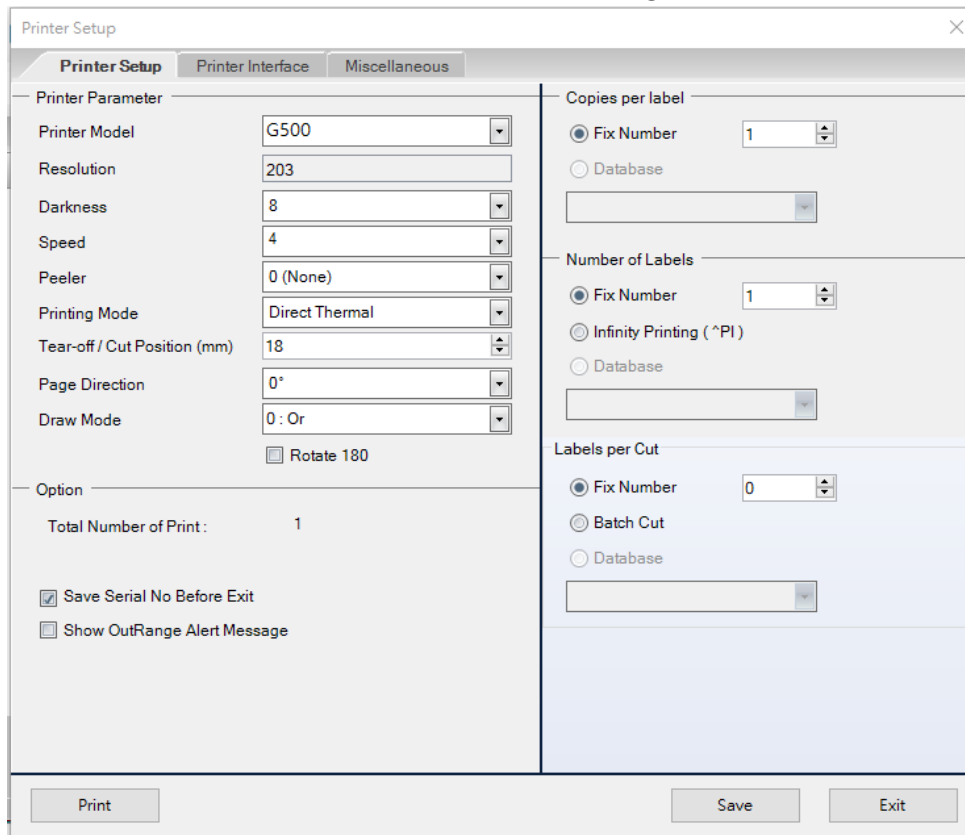
Click the icon "open"  on the tool bar to open an existing file. Only file type "ezpx" or "ezp" is able to be opened properly. "ezp" is created by QLabel. The shortcut key for "Open" is Ctrl + O

## 3.2 Pinter Setup Window

Click the icon  on the tool bar or just click the right key of mouse on the "Label Design Area" and select "Printer Setup". All the items are able to be setting unless these items are not supported by this model of barcode printer.

### 3.2.1 Printer Setup setting

Users can setup parameters related printing in the Printer Setup page.



Item	Function Description
<b>Printer Model</b>	When selecting a different model, the software will display the functions that can be set for that model and limit the range of each parameter setting.
<b>Resolution</b>	When selecting a different model, the software will automatically switch the corresponding resolution.
<b>Darkness</b>	Setting rage from 0~19. The figure more the darkness more
<b>Speed</b>	Each model got different range of speed. The figure bigger



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	the speed higher.
<b>Peeler</b>	After selecting a model, the modules supported by the model are displayed here.
<b>Labels per Cut</b>	There is a cutter module installed, which can be set to cut once after printing a few sheets.
<b>Batch Cut</b>	A cutter module is installed to perform a cutting operation based on the total number of printed sheets.
<b>Printing Mode</b>	Use paper as thermal paper, please select [Direct Thermal Mode]. Use paper with ribbon to print. Please select [Thermal Transfer Mode]. If this parameter is set incorrectly, an error may occur and printing may fail.
<b>Tear-off / Cut Position (mm)</b>	<p>It means distance from print line to tear line (unit: mm).</p> <p>(Printing line) : Directly under the print head inside the machine.</p> <p>(Tear line): Location of the paper tear plate outside the machine.</p> <p>If no stop point is set, the position of the edge of the label will be (Printing Line) when printing is finished. After setting the stop point, the edge of the label will be moved to the (Tear Line) after printing. User can tear off along the edge of the label.</p> <p>Note 1: The distance between the "print line" and the "tear line" is different for each model, so the "stop point" setting value will also be different.</p> <p>Note 2: The tear line of "Tear Paper Up" is different from "Tear Paper Down", you need to set different stopping points.</p> <p>Note 3: The external "cutter module" needs to adjust the stop point setting value according to the cutter position. For more details, please refer to the printer's technical manual.</p>
<b>Page Direction</b>	Set paper orientation in label design area
<b>Draw Mode</b>	Set the drawing mode when [Graph] A and [Other Object] B are interlaced

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(Requires Firmware after 2019.11)

Or : The black parts of both objects are printed out



Xor : In the two objects, black and white are interlaced and to print black



Overwrite : Graphic object A to overlay object B



<b>Rotate 180</b>	Set whether to print by 180 degrees
<b>Copies per label</b>	Set to copy exactly the same labels
<b>Number of Labels</b>	Set how many labels to print
<b>Total Number of Print</b>	Show total number to print
<b>Save Serial No Before Exit</b>	<p>To save the current serial number to the label file before closing the file.</p> <p>If the label file has not been saved, it will jump up the window to ask you to save the file first.</p>
<b>Show Outrange Alert Message</b>	When printing, if there are objects beyond the printable range of the label, an error message window will be displayed to ask whether you want to continue printing or not.

### 3.2.2 Printer Interface setting

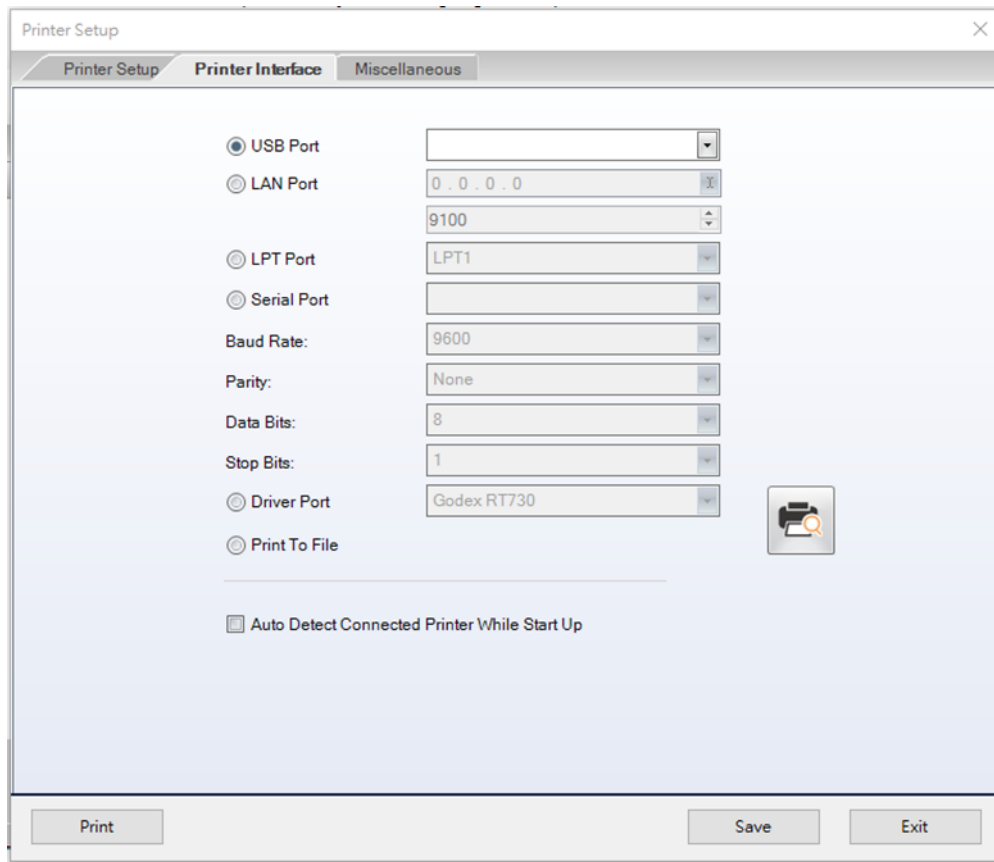
User can setup communication interface between software and printer in the Printer Interface page. It has USB, LAN Port, LPT Port, Serial Port, and Driver Port.


User who choose the Print To File, it outputs print commands to a file when performing a print job.

User who choose "Auto Detect Connected Printer on Startup" in the dialog, then

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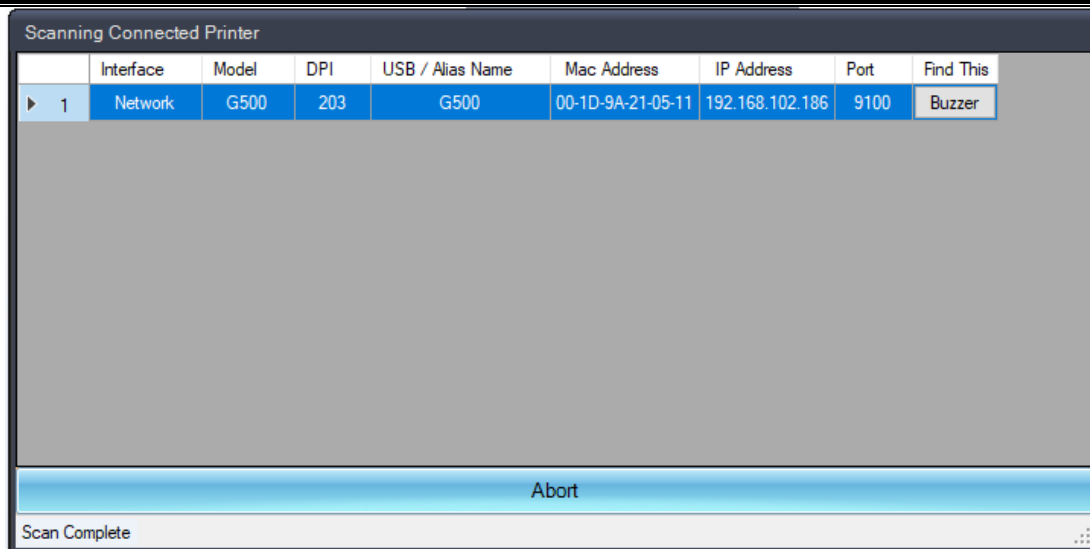
GoLabel II will always auto detect the connecting printer on next time when program re-startup.



Click the icon , this will automatic detect what models are connected to those ports. When select the model, it will get the parameter settings of the printer and update the parameters in the printer settings page.

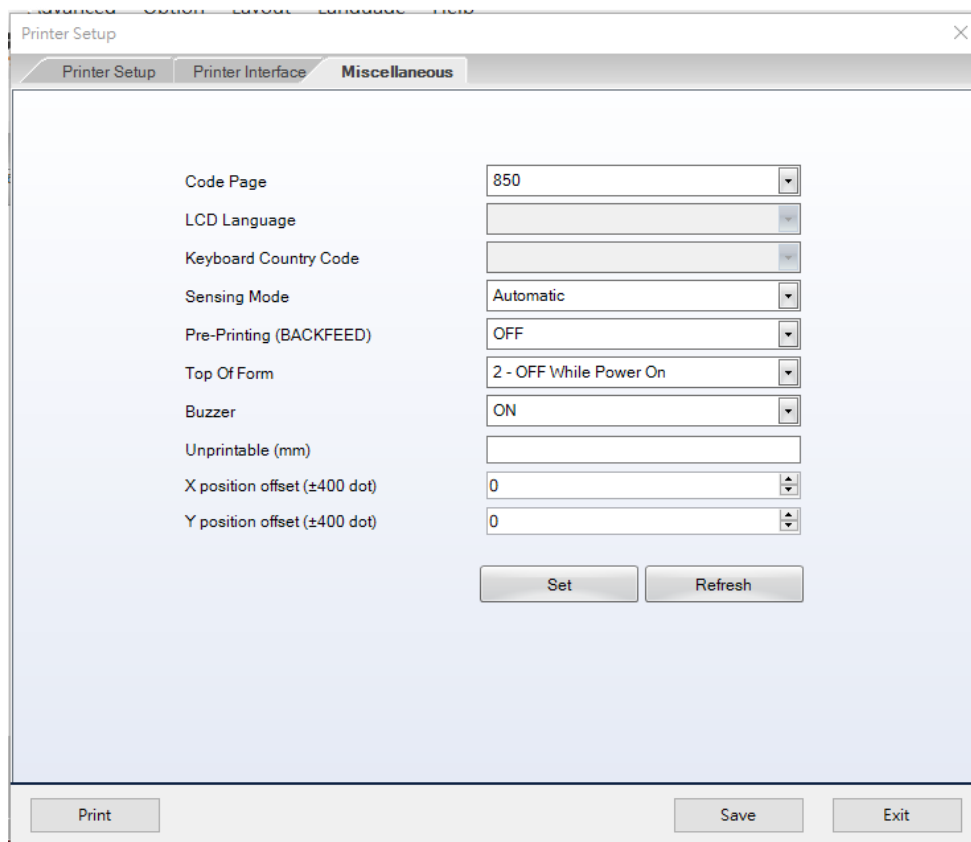
When click the Buzzer bar under the Find This, the printer's buzzer will be triggered to sound 3 times. You will know where is the printer located.

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## 3.2.3 Miscellaneous setting

Make the relevant option settings for the printer. The item cannot be selected, which means that this model does not provide this function setting.




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Item	Function Description
<b>Code Page</b>	The corresponding table of the Byte data and the Character data, also known as the code page or the inner code table. The software is sent to the printer is the bit information, the printer will be based on the current use of the Code Page, the bit information into character information. Different operating systems require different settings, please refer to the printer technical manual.
<b>LCD Language</b>	Printer with the LCD panel will be available to set the required language displayed.
<b>Keyboard Country Code</b>	The printer which supports external keyboard connected, it can set the keyboard country code.
<b>Sensing Mode</b>	There are three sensing modes setting available : Reflective, See Through or Auto mode.
<b>Pre-Printing(BACKFEED)</b>	This function must work with a cutter or a peeler. It can reduce the cutter and peeler processing time. When the first label is being cut or peeled off, the printer will print out part of the second label. After cutting or stripping the first label, the printer will continue to print the second label the full content.
<b>Top Of Form</b>	<p>The method of the first time the paper is positioned after the Power On, Door Open, or the error response.</p> <p>When the value is 0: do not do paper positioning and backfeed, it prints directly.</p> <p>When the value of 1: the first piece of paper fed to do positioning, and then set the value of the stop point to do after the backfeed and then print.</p> <p>When the value is 2: the action is the same as the value 1, but when Power On, it does not work.</p> <p>When the value is 3: do not feed any paper to do positioning, according to the stop point set value to do backfeed and then print.</p> <p>Note: This function does not work when using continuous paper.</p>
<b>Buzzer</b>	Setting on or off of the buzzer
<b>Unprintable</b>	To setup unprintable width of left align printer

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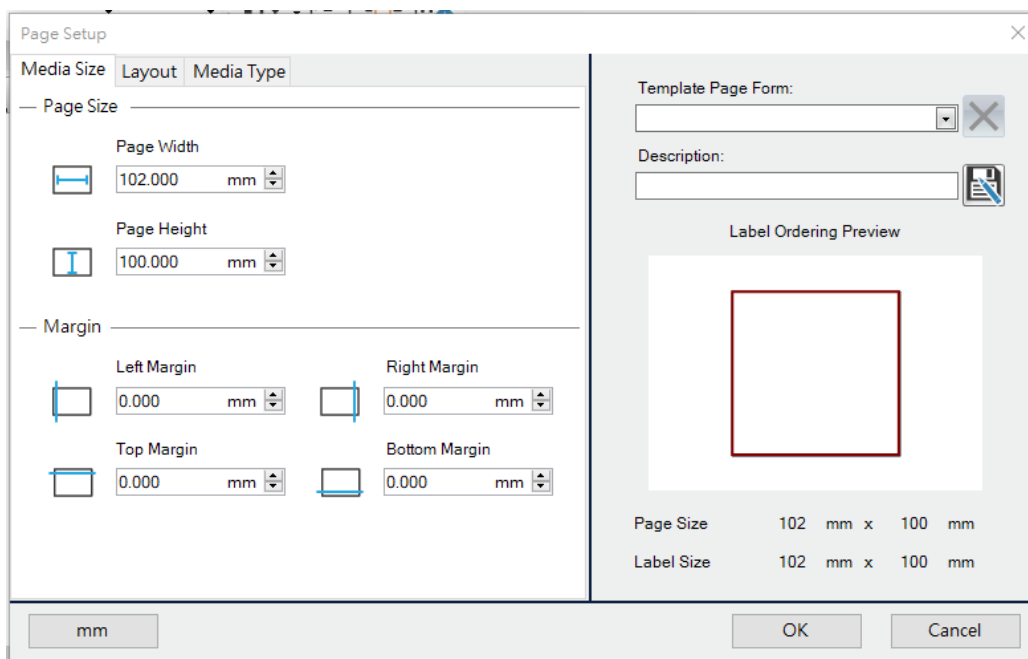
X position offset	To setup left and right offset of printing position
Y position offset	To setup up and down offset of printing position

### 3.3 Page Setup

Click the icon “Page Setup”  on the tool bar or just click the right key of mouse on the “Label Design Area” and select “Page Setup”

#### 3.3.1 Setup media size and Template page form

- Firstly, to setup Page Width and Page Height
- Then setup Left margin, Right Margin, Top Margin, and Bottom Margin.
- After setting, all the parameters of the label can be saved as a template and the template name can be input under Description. Afterward, the template can be found in drop down list of the Template Page Form.
- The unit is changeable from mm/ cm/ dot/ inch.



### 3.3.2 Select Media Type

➤ **Label with Gaps :**

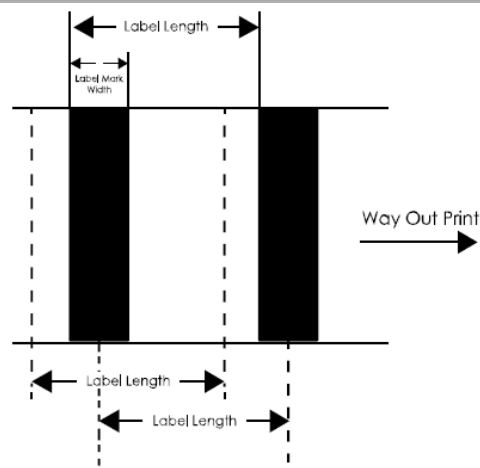
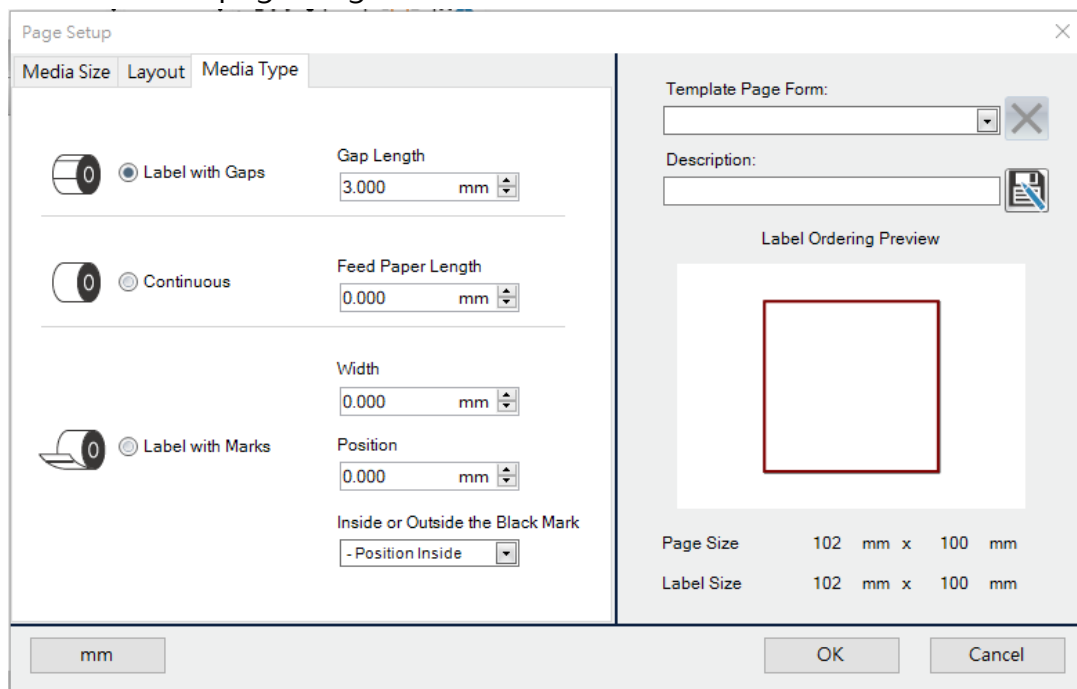
Label with gaps, a sticking label with liner, every label has a gap in between, called gap length.

➤ **Continuance :**

Continuous, like a fax using paper roll. Due to its continuous, it must set a "Feed Paper Length" if who want has a printing gap in between label and label

➤ **Label with Marks :**

A label roller, it has a strip (or block) of black mark pre-printed on the back of liner. It needs setting the black mark' s Width, Position and Inside or Outside the Black Mark. The page height should include the mark width.



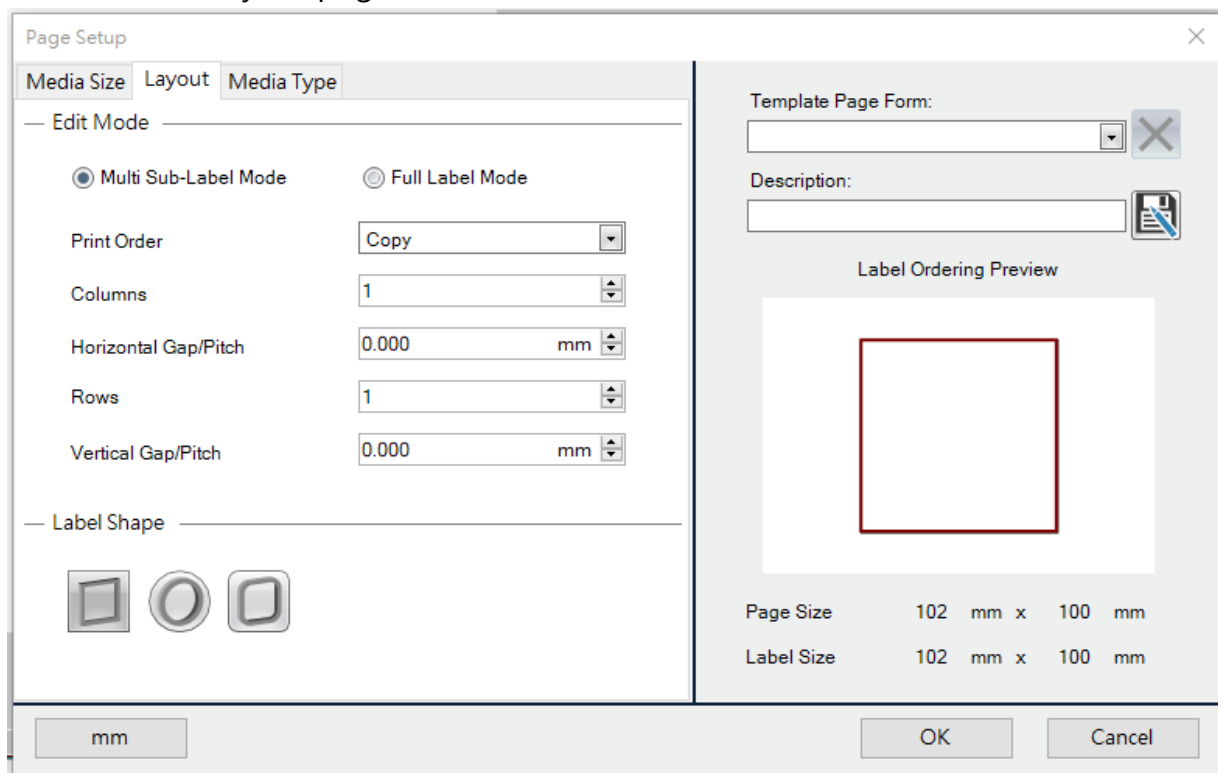
### 3.3.3 Choose Media Layout

- **Print Order:**  
Label Printing Order is selectable by Copy, Left to Right or Top to Bottom
- **Horizontal :**  
Label is divided and making them in horizontal layout
- **Vertical :**  
Label is divided and making them in vertical layout
- **Horizontal Gap/Pitch :**  
To define the horizontal gap width between the labels
- **Vertical Gap/Pitch :**  
To define the vertical gap width between the labels
- **Label Shape :**  
Three Label outer shape is selectable

Move cursor to inside of "Label Ordering Preview" area and click it, then the label shape and order can be changed immediately for user preview one by one.

Move cursor to the figure of the Page Size and click it, then the left hand side window will switch to Media Size page.

Move cursor to the figure of the Label Size and click it, then the left hand side window will switch to Layout page.

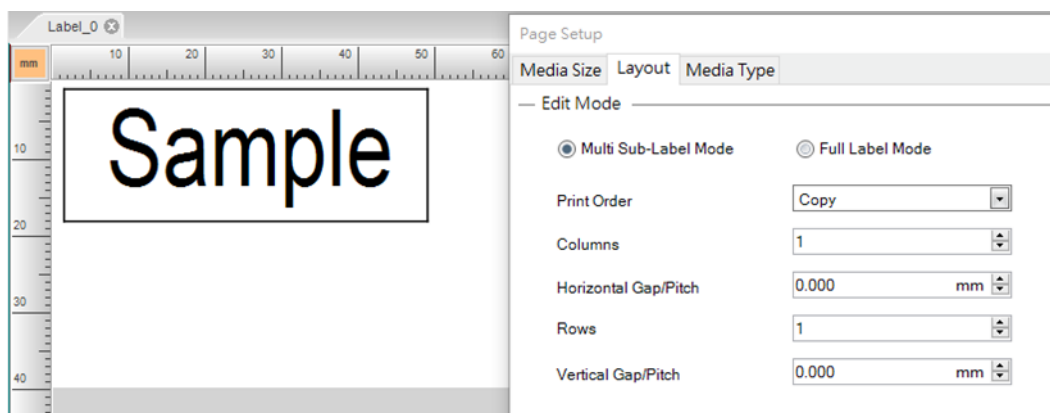




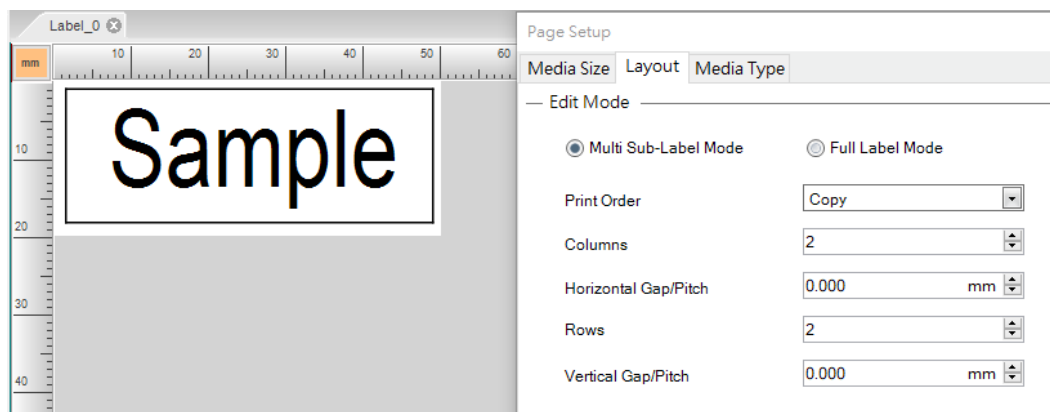
### 3.3.4 Multi Sub-Label Mode

When the value of horizontal or vertical lines is set to greater than 1, the original label is divided into multiple sub-labels. As long as the user to edit one of the sub-tags, other sub-labels will be printed together.

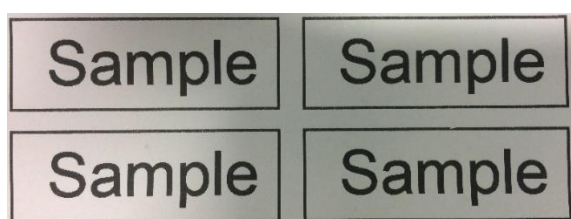
When the number of horizontal columns and vertical lines is 1, the preview of the label design area is as follows:



When the number of horizontal columns and the number of vertical lines is 2, the preview of the label design area is as follows:

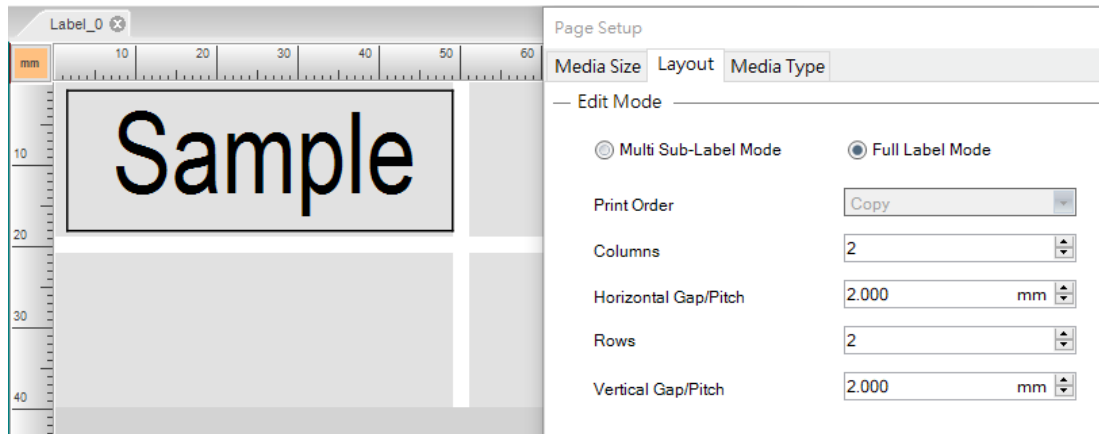


Print out as below:



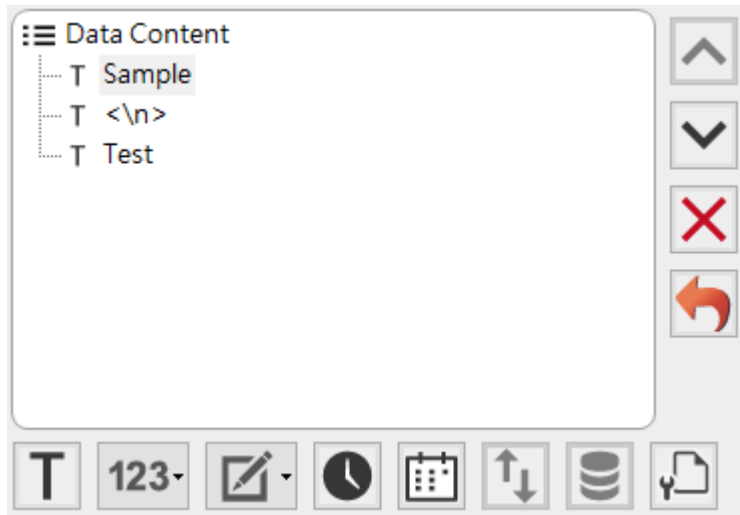
### 3.3.5 Full Label Mode

The sub label area set in the label design area is marked as light gray, and only the sub-label of the user is displayed when printing.




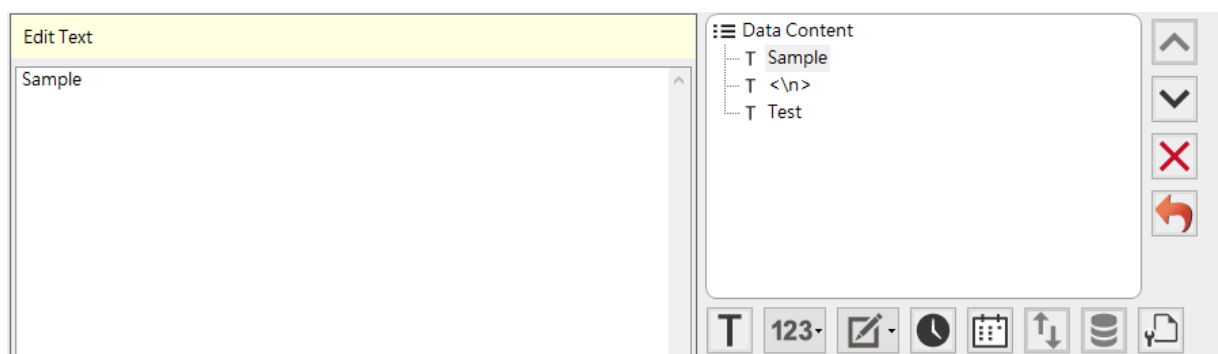
## 3.4 Input Data

GoLabel II re-integrated object input interface. Click on the following graphic icons to add on new data. Click on the tool bar on the right hand side to remove or delete the data contents. The column-style input method allows users to clearly distinguish each part of the data. The parameters related to the printer commands are hidden in the input interface, providing a more friendly and intuitive operation interface for novices.




### 3.4.1 Insert Text

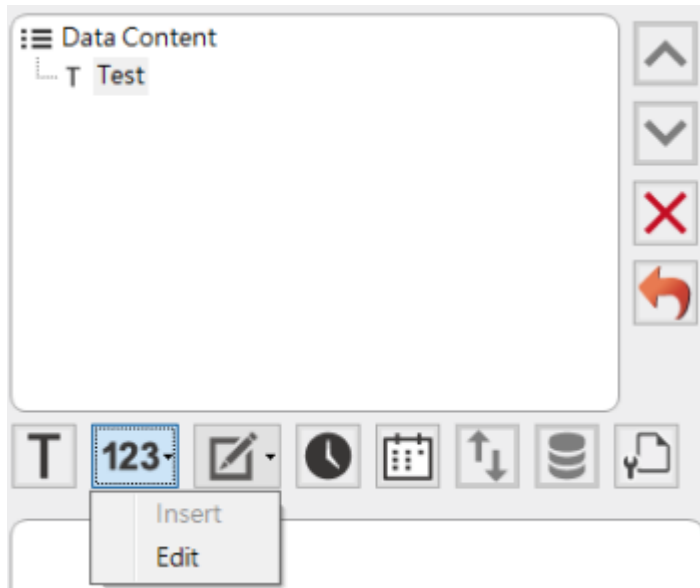
Click the icon "Insert Text"  you will see a node on the right hand side Data Content window, the window on the left hand side will switch to Edit Text. The user can enter the new text content in the "Edit Text" window.



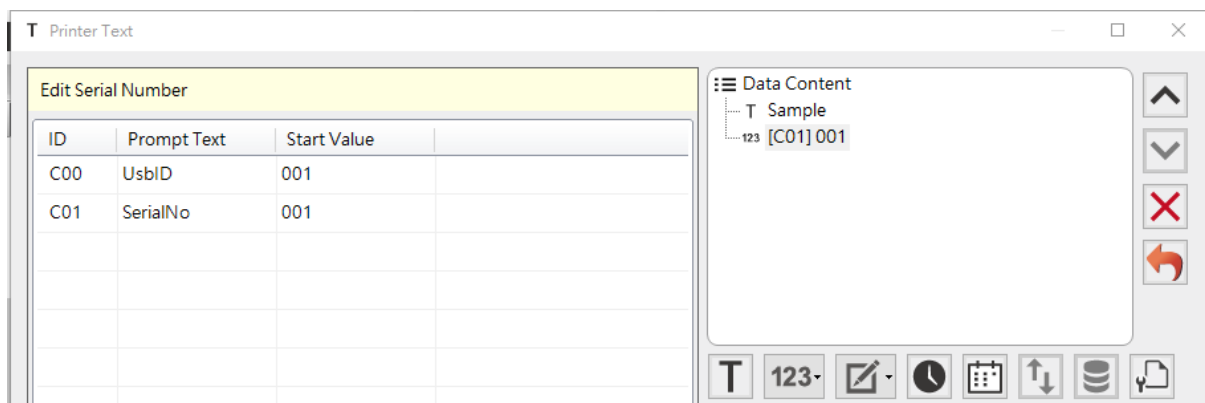
### 3.4.2 Serial Number

Click on the icon "Serial" , it will show options "Insert" and "Edit. Click on the


“Insert” , it will insert serial number to the text or barcode. Click on the “Edit” , it can set up related parameters for the serial numbers. If the related serial parameters haven’ t been setup, the “Insert” option will be reversed and cannot be executed.

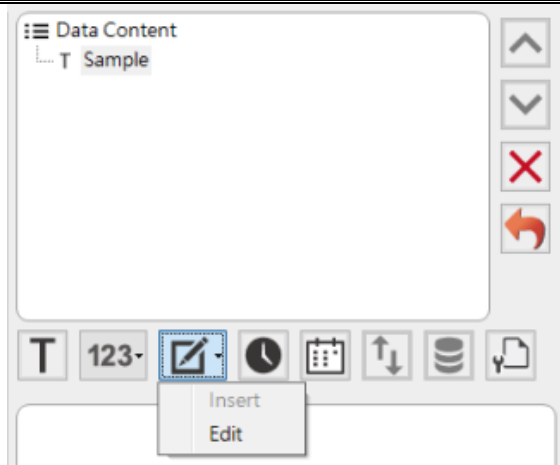


When the label has more than one serial numbers, you can switch to other serial numbers on the right hand side window under “Edit Serial Number” .

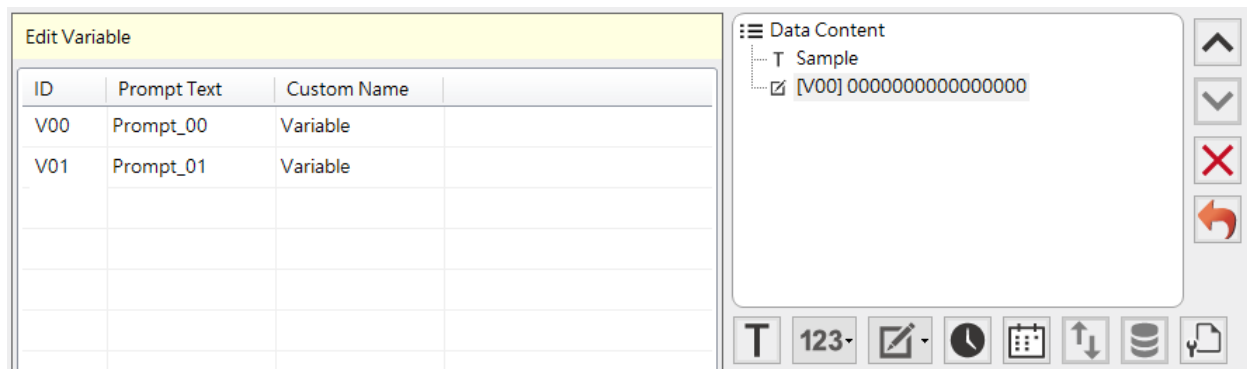


### 3.4.3 Variable


Click the icon “Variable”  , it will show options “Insert” and “Edit” . Click on the “Insert” , it will insert variable to the text or barcode. Click on the “Edit” , it can set up related parameters for the variables. If the related variable parameters haven’ t been setup, the “Insert” option will be reversed and cannot be executed.



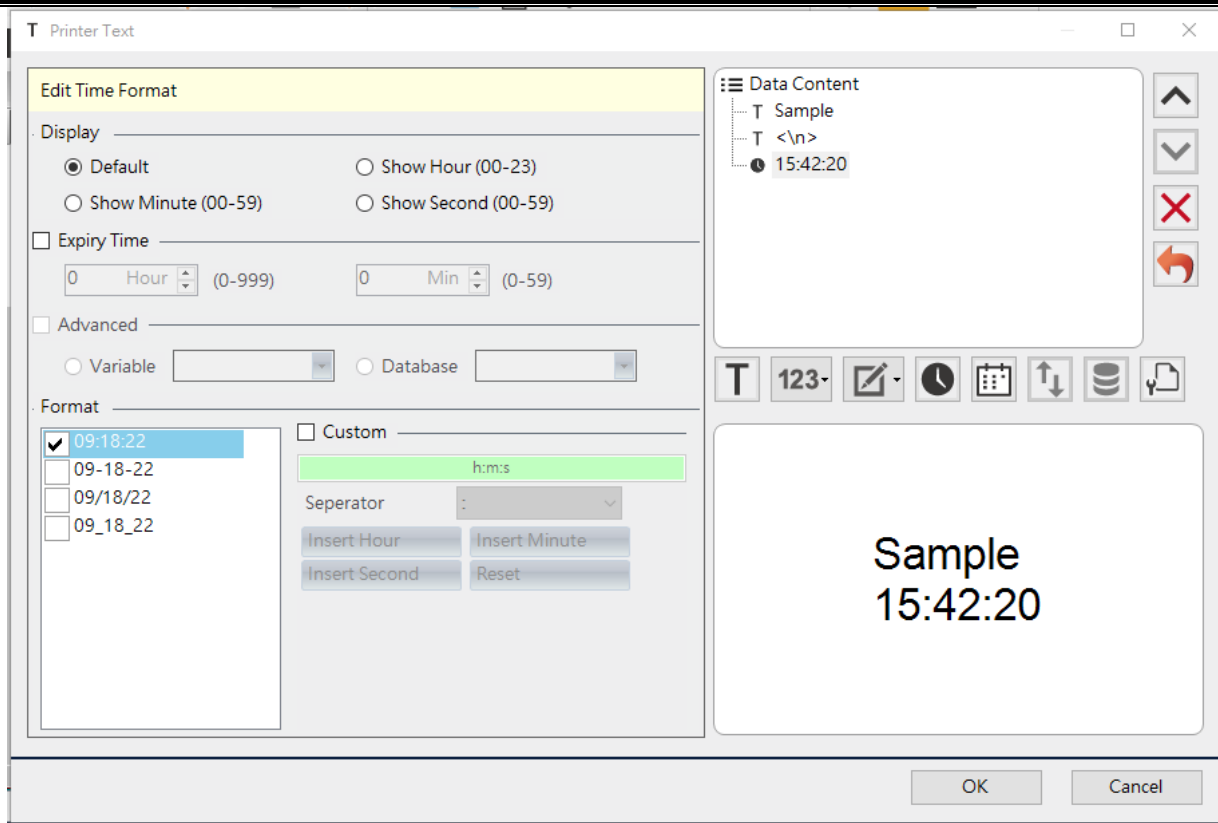
When the label has more than one variables, you can switch to other variable on the right hand side window under “Edit Serial Number” .




## 3.4.4 Insert Time

Click the icon “Insert Time”  , you will see a node on the right hand side Data Content window, the window on the left hand side will switch to Edit Time Format. The user can revise time format in the "Edit Time Format" window.

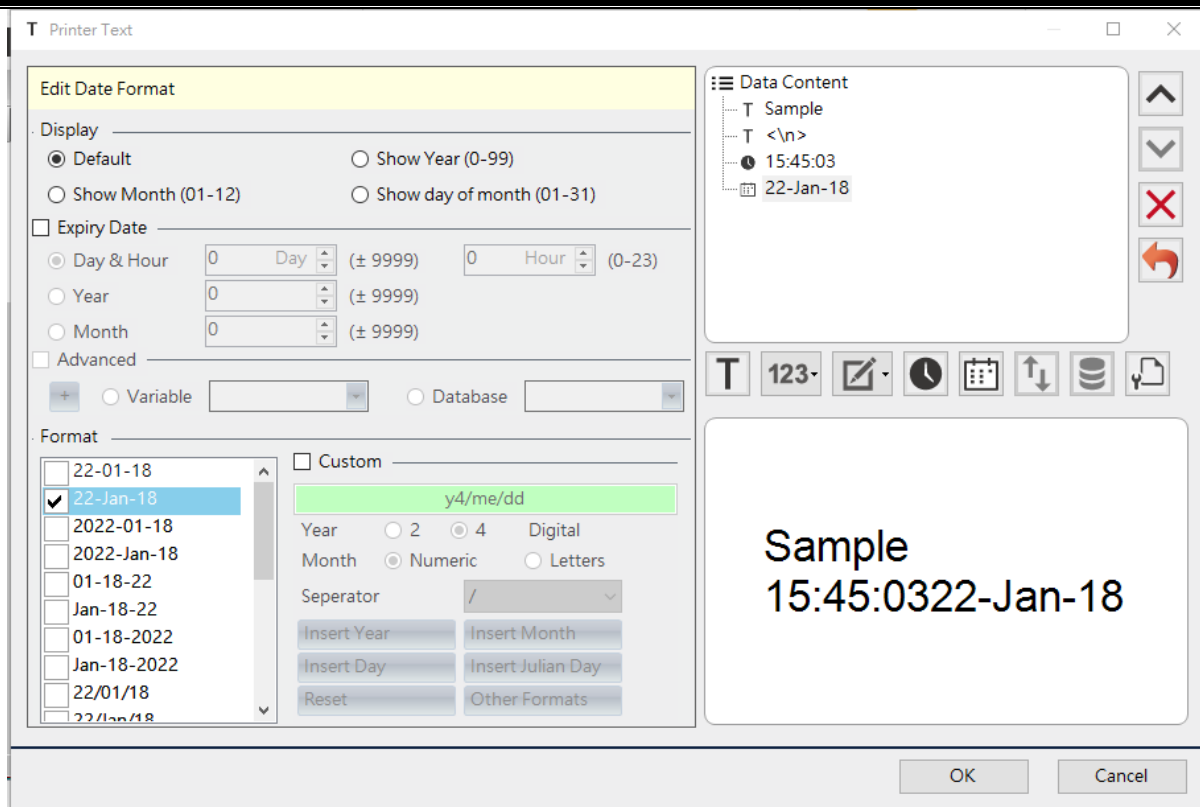
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## 3.4.5 Insert Date

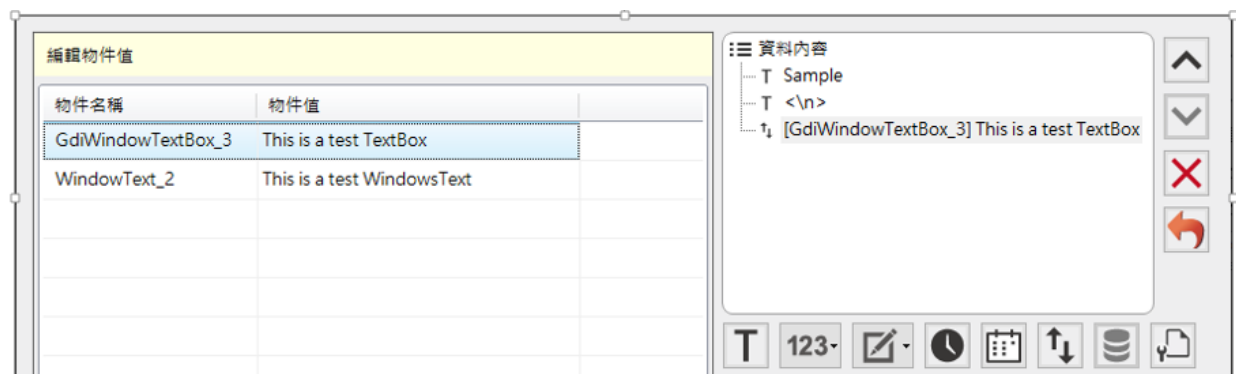
Click the icon “Insert Date”  , you will see a node on the right hand side Data Content window, the window on the left hand side will switch to Edit Date Format. The user can revise date format in the "Edit Date Format" window.

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## 3.4.6 Insert Object Value

Click the icon  , you will see a node on the right hand side. Under Data Content Window, the window on the left side will switch to Edit Object Value. The user can select the object to insert to current object. If the label doesn't have other object, the "Insert" option will be reversed and cannot be executed.

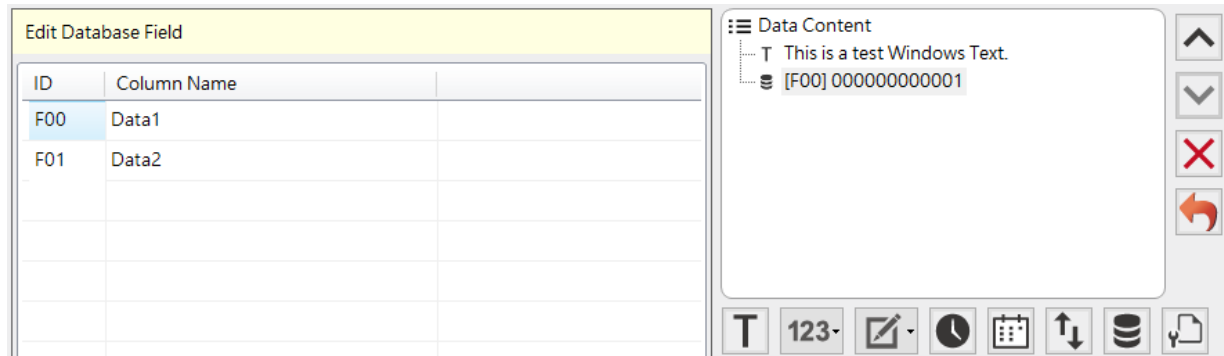


## 3.4.7 Insert Database


Click the icon  , you will see a node on the right hand side

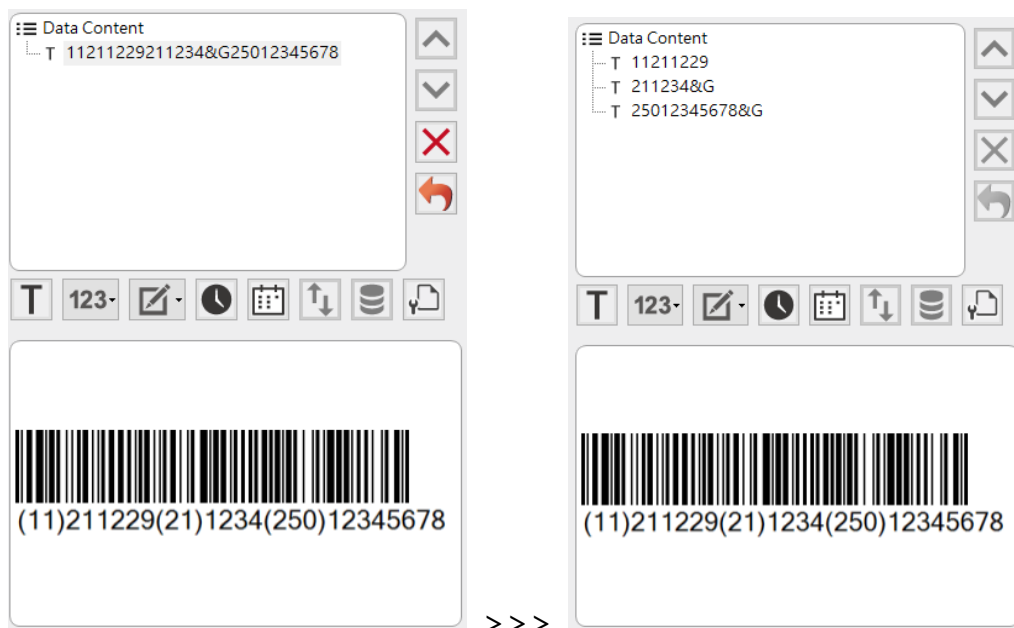
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under Data Content window, the window on the left hand side will switch to Edit Database Field. The user can select the column from the database to insert to the label. If the label doesn't connect to the database, the icon will be reversed and cannot be executed.



### 3.4.8 Split with AI

Click the icon "Split with AI"  , for the barcode data which is all in one node, after clicking the icon, it will separate it into several node according to AI regulation.





### 3.5 Basic Settings of Object

For the parameters that most objects will use, we collect all these parameters under Basic Settings screen.

T Printer Text

Fonts Basic Settings

Object Name

Rotate

☐ Print Check Digit (Numeric Only)

☐ Lock Object

☐ Do Not Print the Object

☐ Anti-White Print

☒ UTF8 Encoding

☐ Remove Blank & 0 Befroe Serial Number

#### 3.5.1 Object Name

In the same label, each object has unique name. Most of the time this column won't be used. When you use function "Insert Object Value", you need to confirm the source of the object value through this parameter.

#### 3.5.2 Rotate

You can set the rotation angle of the font and preview the data content on the right

#### 3.5.3 Print Check Digit(Numeric Only)

When check the "Print Check Digit", the check code calculated by UCC Mod 10 will be

added at the end of the text to be printed. This parameter is only used for the “Printer Text” object. The data content must be a number, and it can be printed normally when printing.

### 3.5.4 Lock Object

When check the “Lock Object” , the object will be fixed in the label design area and couldn’ t be removed.

### 3.5.5 Do Not Print the Object

When check the “Do Not Print the Object” , the object can be seen in the label edit area but won’ t be printed.

### 3.5.6 Anti-White Print

When check the “Anti-White Print” , text will appear white on black when printing

### 3.5.7 UTF8 Encoding

When check the “UTF8 Encoding” , the software will send data to printer in the UTF-8 encoding. If this item is not checked, the data will be sent to the printer in the corresponding encoding format according to the current language system of the computer operating system.

### 3.5.8 Remove Blank & 0 Before Serial Number

If the object is with serial number and then check the “Remove Blank & 0 Before Serial Number” , the software will remove blank and 0 on the left of the serial number. If the

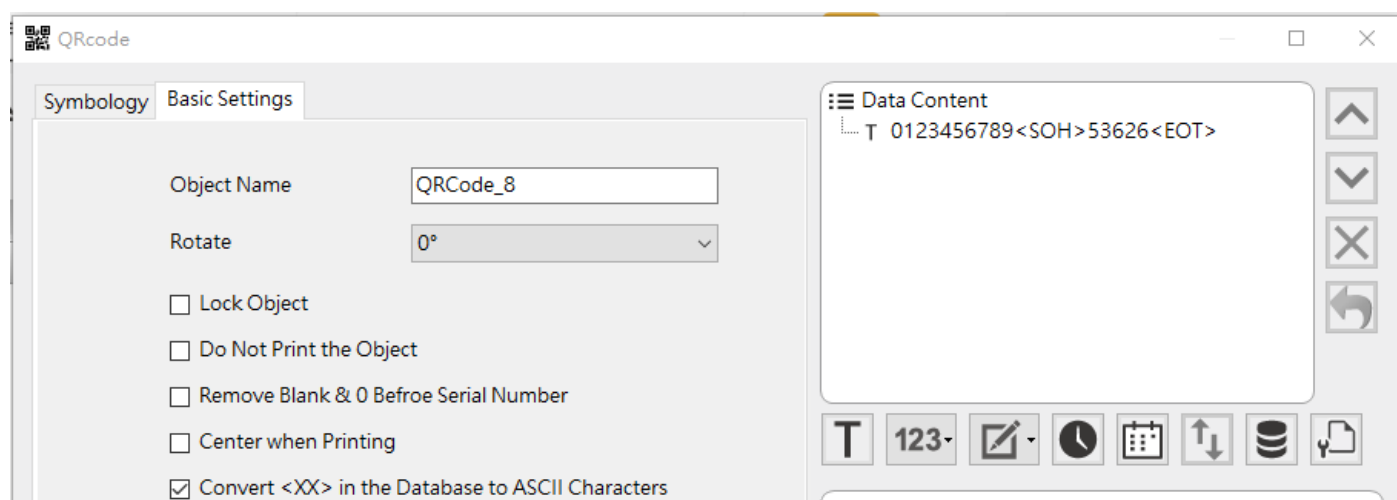
length of the serial number is 3 characters and the initial value is 001. If this item is not checked, the preview and printing result will be 001. If the item is checked, the preview and printing result will be 1.

### 3.5.9 Center When Printing

When the “Center When Printing” is checked, the software will move the object to the center of the label and print. The function is only available in the Barcode printing.

### 3.5.10 Convert <XX> in the Database to ASCII Characters

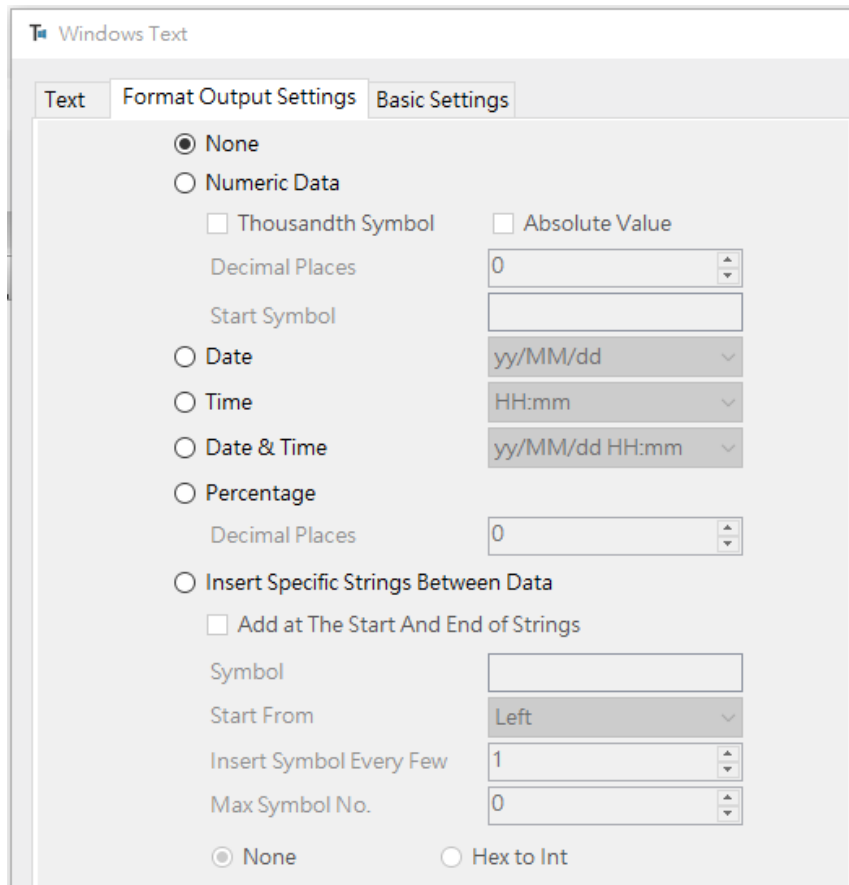
GoLabel II provides the function of entering [invisible characters] in many objects. When the program renders invisible characters, it is represented by the format of <XX>. For example: 0x01 will be represented by <SOH>. When the object's data source is a database, the program defaults to placing the original data in the database into the object. If the source data of the database is <SOH>, the program will by default assume that the data to be printed is <SOH> instead of the invisible character 0x01. When the user selects "Convert <XX> in the database to ASCII characters", the program will first convert the data in <XX> format to invisible characters, and then print.



## 3.6 Format Output Settings

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Most Text objects have “Format Output Settings” function to change data like “Numeric Date” , “Date” , “Time” , and “Percentage” to certain format. This function will combine all data of the object and change it to desirable format. If the data includes multi contents like text and time, it might not be changed correctly.



### Numeric Data :

Format numeric data, and can set parameters such as “Thousandth Symbol” , “Absolute Value” , “Decimal Places” , “Start Symbol” etc.

### Date :

Change Date info to user desirable format.

### Time :

Change Time info to user desirable format.

### **Date & Time :**

Change Date / Time info to user desirable format.

### **Percentage :**

Change data to percentage format.

### **Insert Specific Strings Between Data :**

To format strings for custom data conversion


## 3.7 Edit Text

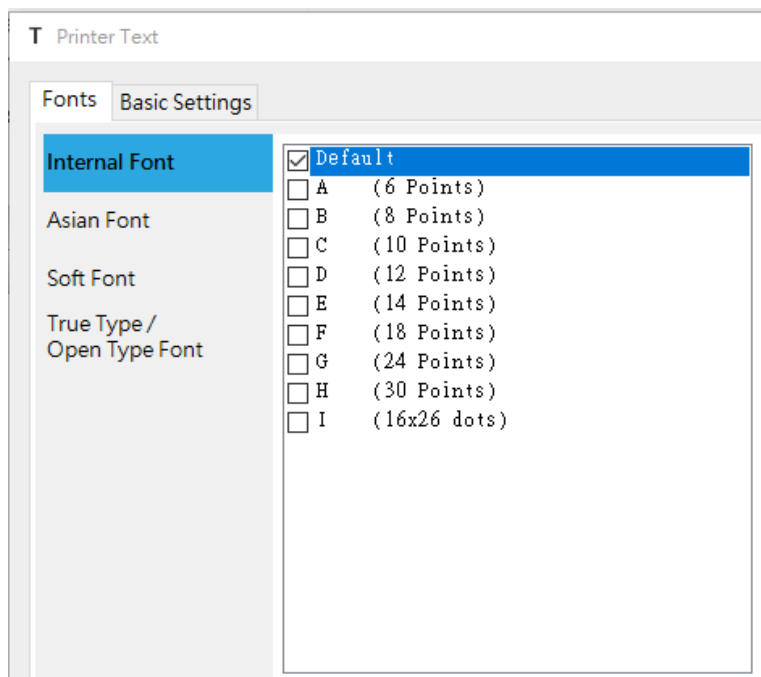
"Text" in the tool bar includes "Printer Text" , "Windows Text" , "Text Box" , "Wrap Text" , "RTF Text" , "Word Art Text" , and "Circle Text" .

"Printer Text" will be converted into the Print Text command in the barcode printer command when printing, and the Other Objects will be converted into image file through the software, and then use the Print Image command in the barcode printer command to print.

You can't tell the difference by using software to print. When user downloads the label to printer to do the standalone application, only the object created by "Printer Text" can receive data input from external keyboard. As for other objects which have been converted into image file, the contents can't be changed. So only "Printer Text" supports standalone application.

### 3.7.1 Printer Text

Click the icon "Printer Text"  of the tool bar on the left hand side, and move cursor to where the text will be located and click left key again to open the setting window.



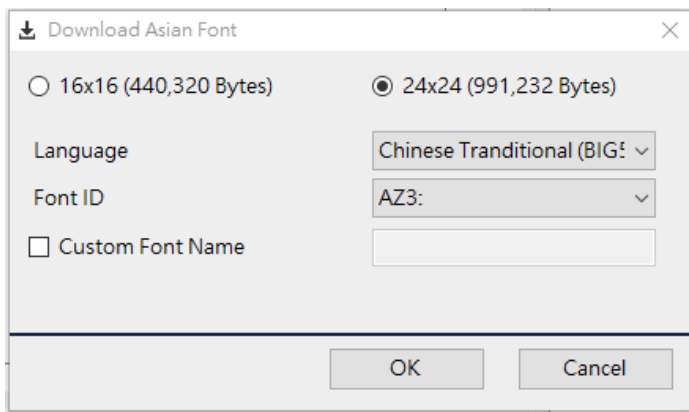
All the functions of “Printer Text” correspond to the print text commands of the barcode printer. It includes “Internal Font” , “Asian Font” , “Soft Font ”, and “True Type Fonts ”.

- **Internal Font :**

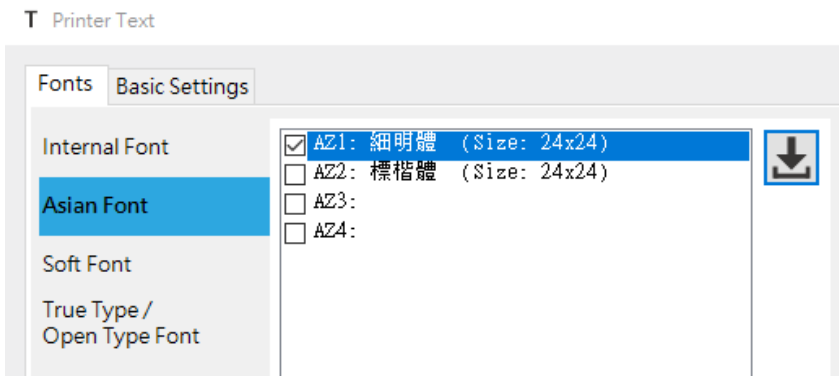
There are internal fonts saved in the printer. There are several fixed-size fonts to choose from, with slightly different font choices for different resolution printers. Only alphabetical text and special symbols on the part of the keyboard. (support the code table 0x20 ~ 0xFF)

- **Asian Font :**

User can choose four Asian fonts include traditional Chinese, simplified Chinese, Japanese, and Korean and download it to the printer Flash or USB memory. Font size is only available for 16 x 16, 24 x 24



The downloaded font will provide a selection in the drop-down menu of the font to be applied.



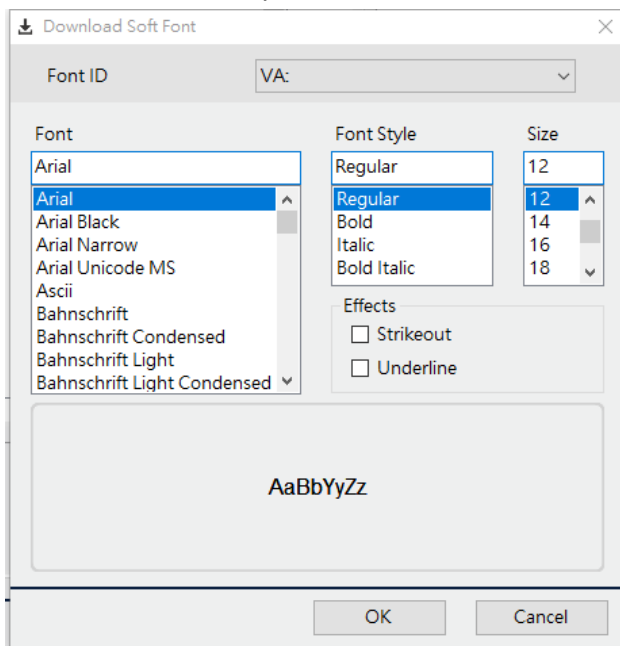
Note 1: When using Asian fonts, you must switch the language of the operating system to the country where you selected the font to print properly.

Note 2: The font size 16x16 indicates that the text consists of 16x16 dots, the printer resolution is 203 dpi relative to the text size of 2x2 mm, the 300 dpi is 1.3x1.3mm and the 600 dpi is 0.7x0.7mm.

Note 3: The font size 24x24 indicates that the text consists of 24x24 dots, the printer resolution is 203 dpi relative to the text size of 3x3 mm, 300 dpi is 2x2 mm and 600 dpi is 1x1mm.

- **Soft Font :**

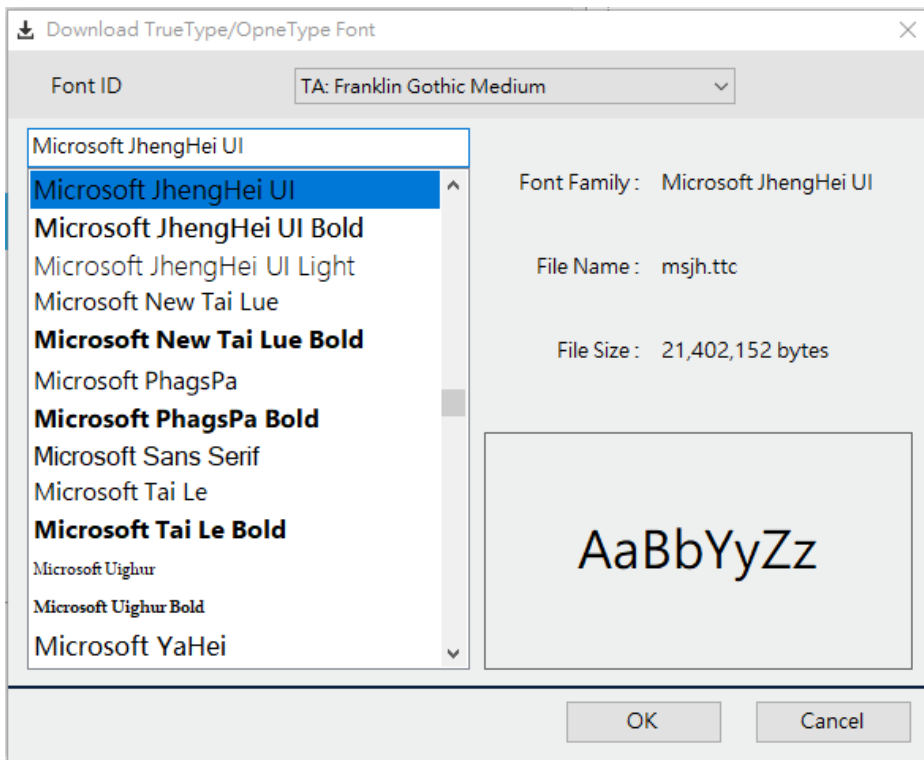
Download font files from the computer to the printer. Only supports alphabetical text, numbers and special symbols on the part of the keyboard (support the code table 0x20 ~ 0xFF).






- **True Type / Open Type Font :**

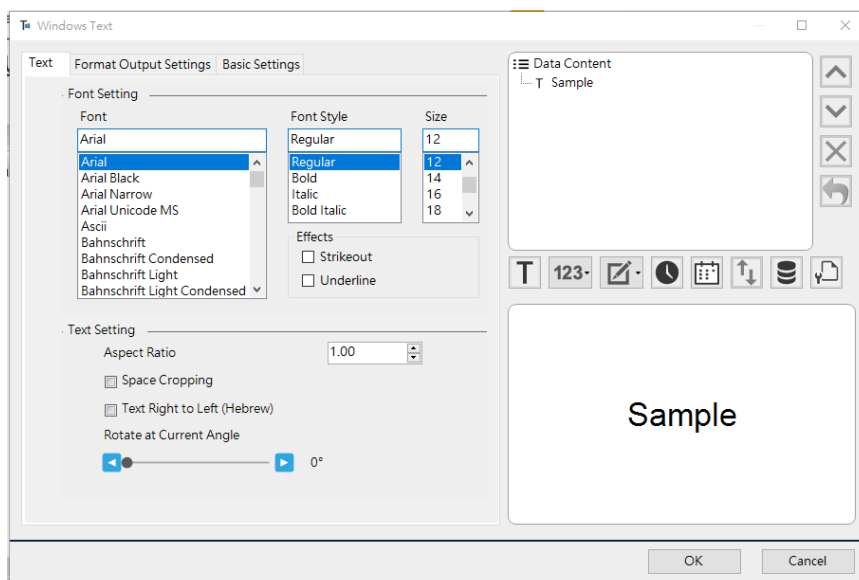
Download the TTF file from the computer to the printer. And then download the corresponding table of the language you want to print to the printer. TTF words are printed without jaggedness, but due to the large file size, a larger printer storage space is required to download.




### 3.7.2 Windows Font

Click the icon “Windows Font”  of the tool bar on the left hand side, and move cursor to where the text will be located and click left key again to open the setting window. This object supports the fonts that Windows operating system offers so it doesn't require to download fonts to the printer. It will convert the text to image file while printing, and through print image command to do the printing job. Because the file size of image file is bigger than the file size of text, the printing speed of handling image files will be slower than the speed of handling text object.

- **Font Setting :**  
To select Windows font, font type, and size.
- **Aspect Ratio :**  
Fixed text height, adjust the proportion of text width
- **Space Cropping :**  
To remove the space around the text to let the text closer to the edge of the label
- **Text Right to Left (Hebrew) :**  
Check this option when use Hebrew to comply with the text input direction
- **Rotate at Current Angle :**  
The object can be set 0~359 degree in rotate.



### 3.7.3 Text Box

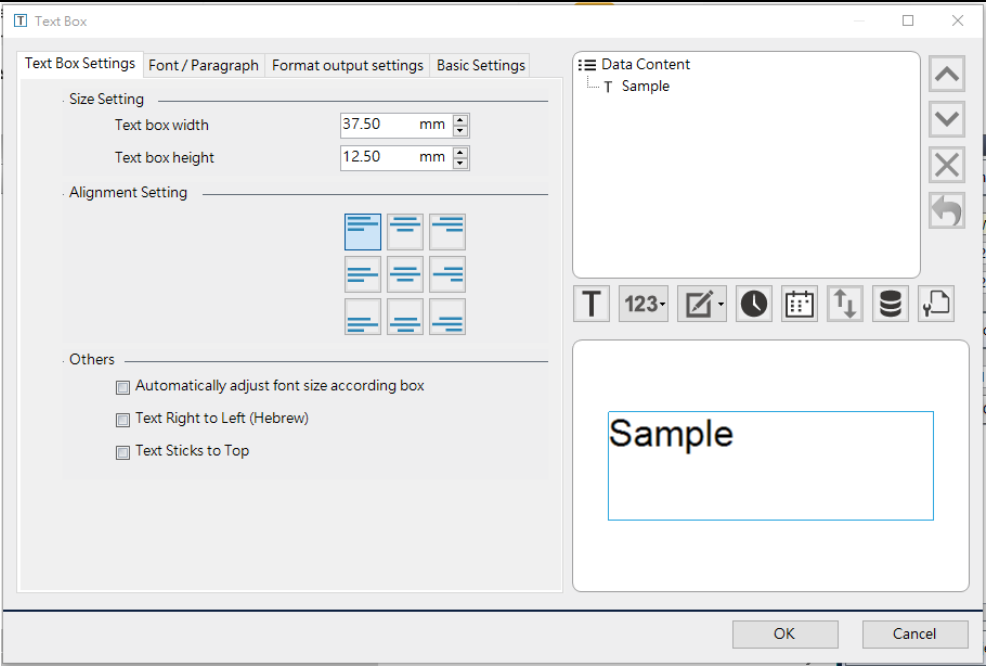
Click the icon “Text Box”  of the tool bar on the left hand side, and move cursor to where the text will be located and click left key again to open the setting window. It's same as Windows Font to be able to support Fonts that Windows offers. It will convert the text to image file while printing, and through print image command to do the printing job.

#### Text Box Settings :

By changing the width and height in “Size Settings” , you can limit the range of text printing. When the data content exceeds the width, it will automatically wrap. If the text content is a single line of text, by selecting the schematic diagram in “Alignment Settings” , nine alignment methods can be made within a limited range.

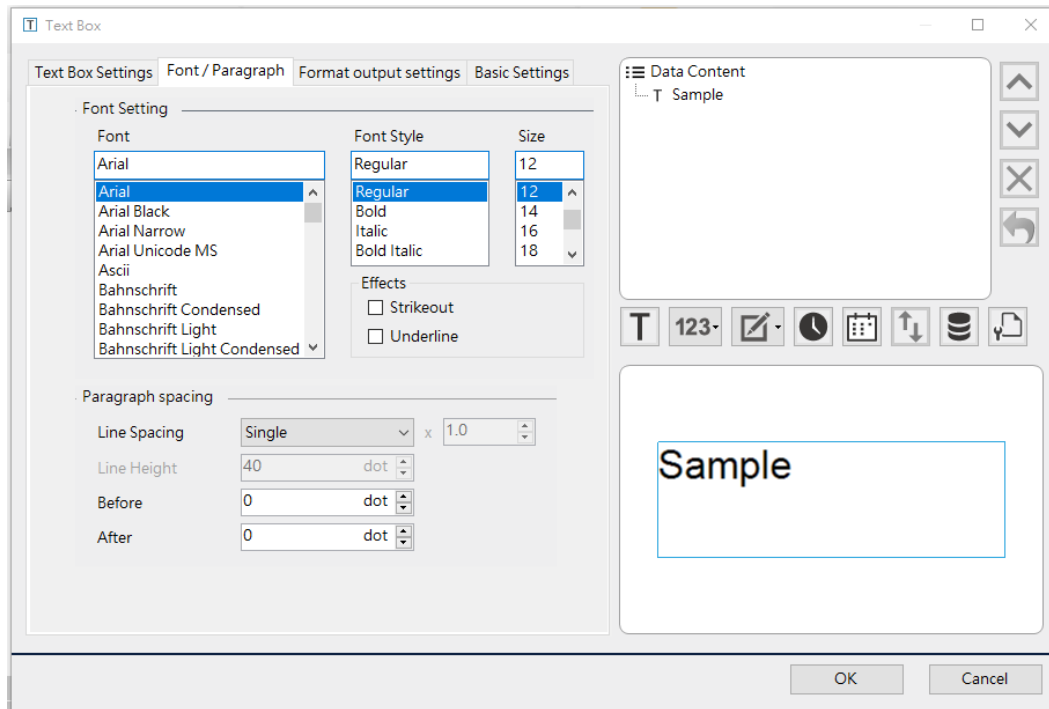
- **Automatically adjust font size according box :**  
If there is too much text, part of the text will exceed the range of text printing. When the Enable item is checked, the font size can be adjusted automatically so that all the entered text can be displayed within the printing area.
- **Text Right to Left(Hebrew) :**  
Check this option when use Hebrew to comply with the text input direction
- **Text Sticks to Top**  
Remove the space on the top of the text to let the text closer to the edge of the label

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### Font / Paragraph :

Select the font, style and size in “Font Setting” to change the style of the text. And you can set the line and line spacing and paragraph and paragraph spacing by modifying the parameters in “Line Spacing” setting.



### 3.7.4 Wrap Text

Click the icon “Wrap Text”  of the tool bar on the left hand side, and move cursor to where the text will be located and click left key again to open the setting window. It's same as Windows Font to be able to support Fonts that Windows offers. It will convert the text to image file while printing, and through print image command to do the printing job.

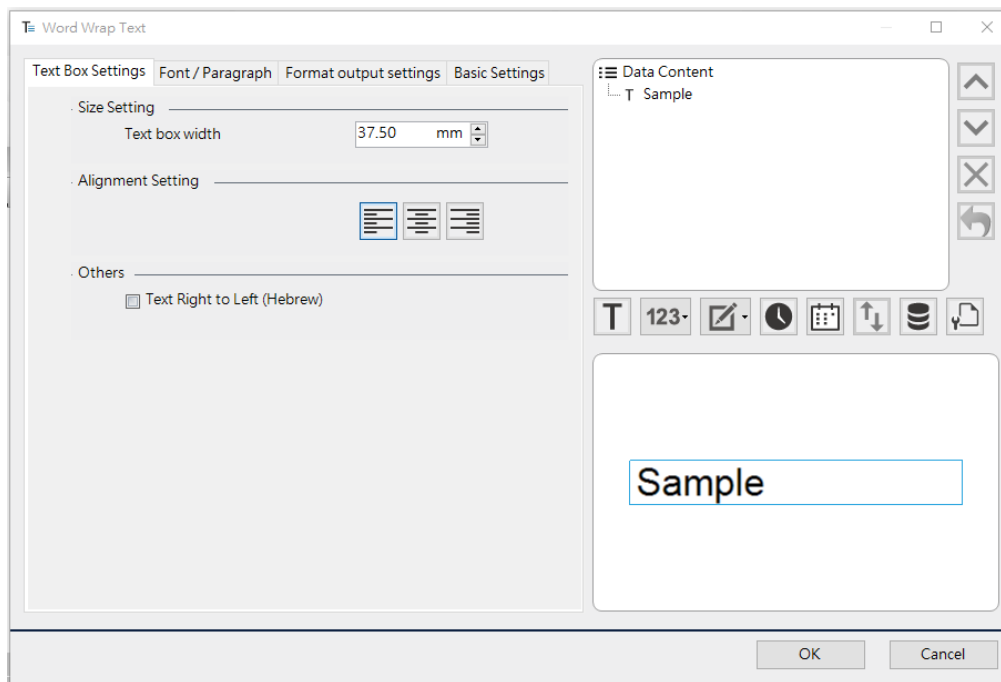
### Text Box Settings :

Use this object to make text layout easier for users. Limit the text printing range by changing the width in “Size Setting” , and the data content will automatically wrap when the width exceeds the width. By selecting the schematic diagram in “Alignment

Settings” , you can align left, center and right within a limited range. It should be noted that if the data source of this object is changed (such as: database or variable), and there are other objects placed under the object, when the amount of data is large, the object below may be covered.

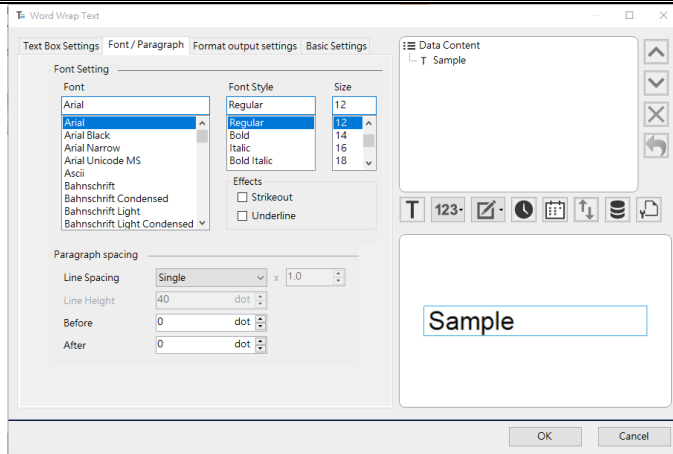
- **Text Right to Left (Hebrew) :**

Check this option when use Hebrew to comply with the text input direction




### Font / Paragraph :

Select the font, style and size in “Font Setting” to change the style of the text. And you can set the line and line spacing and paragraph and paragraph spacing by modifying the parameters in “Line Spacing” setting.



## 3.7.5 RTF Text

Click the icon “RTF Text”  of the tool bar on the left hand side, and move cursor to where the text will be located and click left key again to open the setting window. It' s same as Windows Font to be able to support Fonts that Windows offers. It will convert the text to image file while printing, and through print image command to do the printing job. With “RTF tex” you can set multiple fonts in the same text object at the same time, and have the functions of automatic line wrapping and keyword setting

- **Text :**

It' s to set font, enlarge text, narrow text, bold, italic, underline, strikeout, align left, align center, and align right functions.

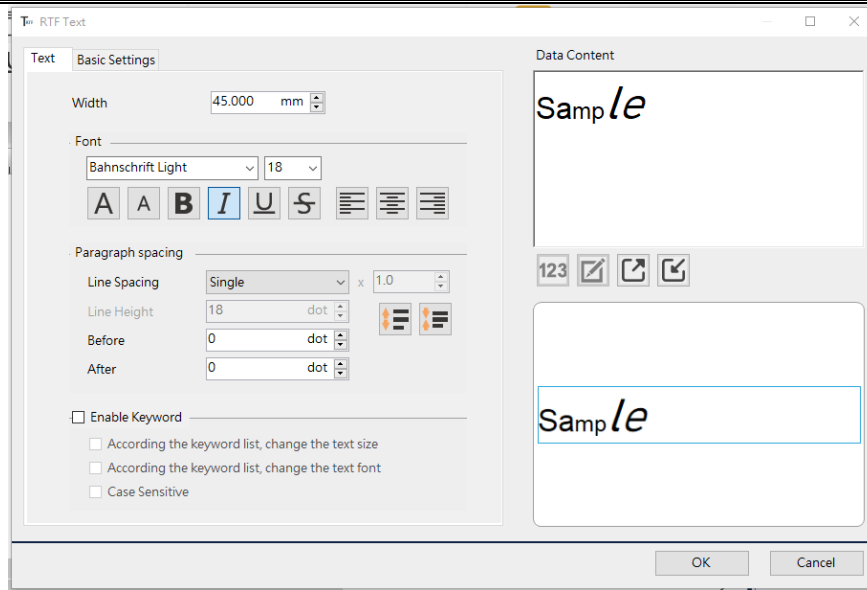
- **Paragraph Spacing :**

Set line and line spacing, paragraph and paragraph spacing

- **Enable Keyword :**


You can set the effect of changing the font type according to the keyword list set in “RTF Keyword Setting” in the main screen.



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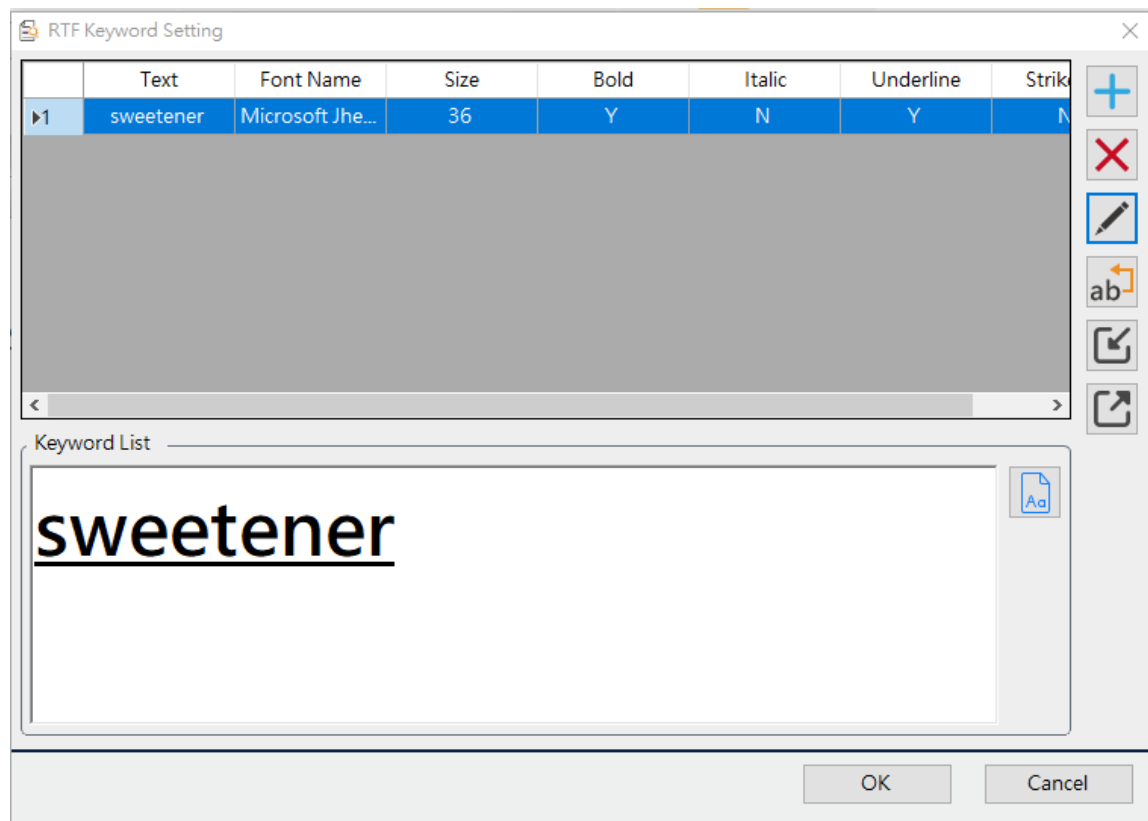




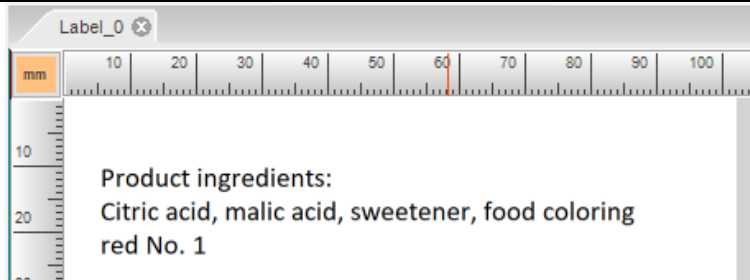
## 3.7.6 RTF Keyword Setting

Click the icon “RTF Keyword Setting”  on the main screen on the left hand side to correct RTF keyword. In the regulations of some countries, if the food contains special additives, it needs to be marked in a special font. The function of “RTF Keyword Setting” allows users to set which ingredients are special additives.

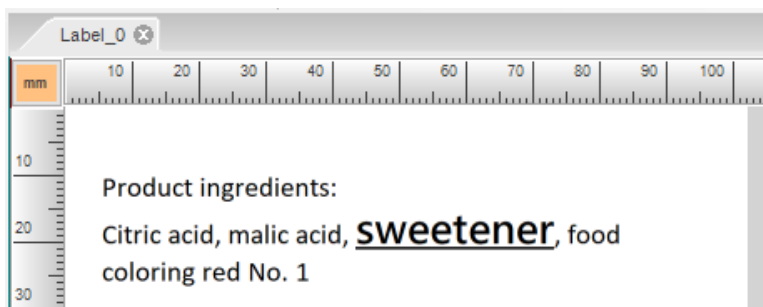
Users can enter special additive text in the keyword list area and click the icon “Font Setting”  to do the font setting. After that, click the icon “Add”  to add the text to the list.




If the “Enable Keyword” is not checked for the RTF object, the style displayed in the object label editing area will not change.



If the RTF object selects “Enable Keyword” , the style displayed in the object label editing area will change accordingly.

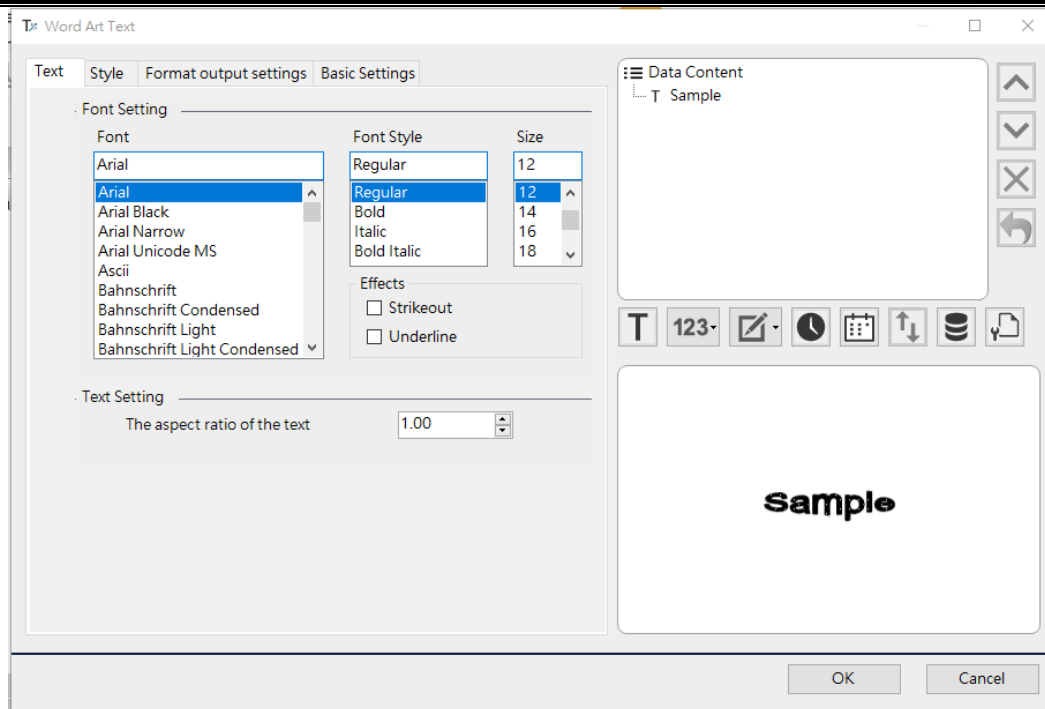


### 3.7.7 Word Art Text

Click the icon “Word Art Text”  of the tool bar on the left hand side, and move cursor to where the text will be located and click left key again to open the setting window. It’ s same as Windows Font to be able to support Fonts that Windows offers. It will convert the text to image file while printing, and through print image command to do the printing job.

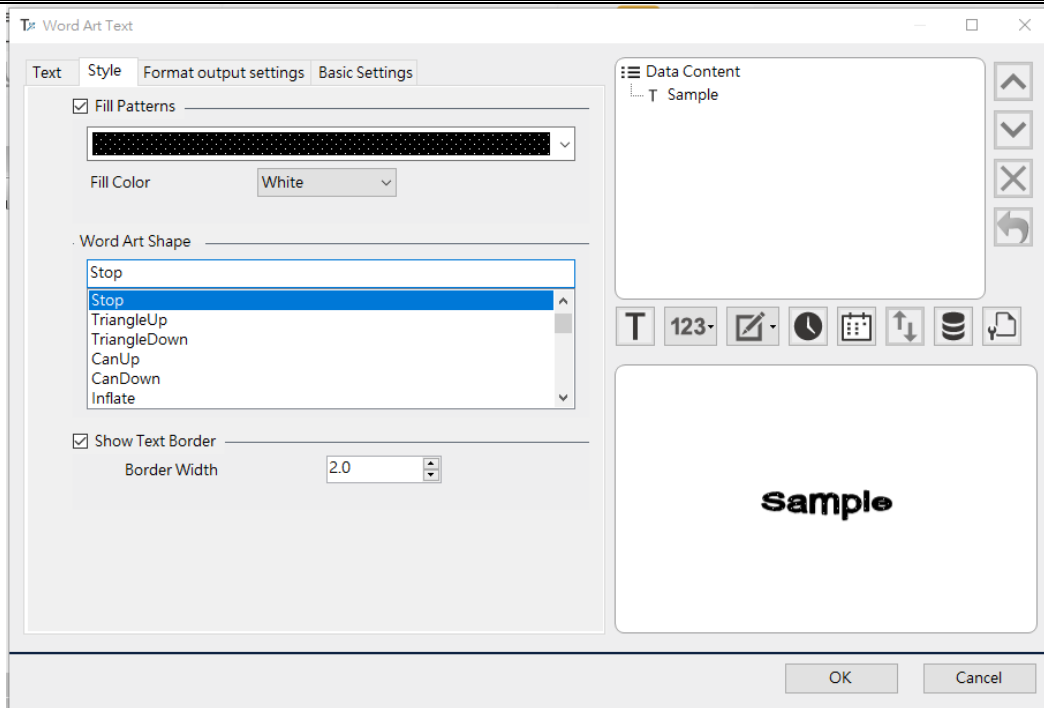
#### Text :

Select “Text” to set up font, style, and size. By setting “The aspect ratio of the text” in the “Text Setting” to adjust text proportion.




## Style :

- **Fill Patterns :**  
Select fill patterns
- **Word Art Shape :**  
Change word art style
- **Show Text Border :**  
To set up whether to show the text border and the thickness of the border



## 3.7.8 Circle Text

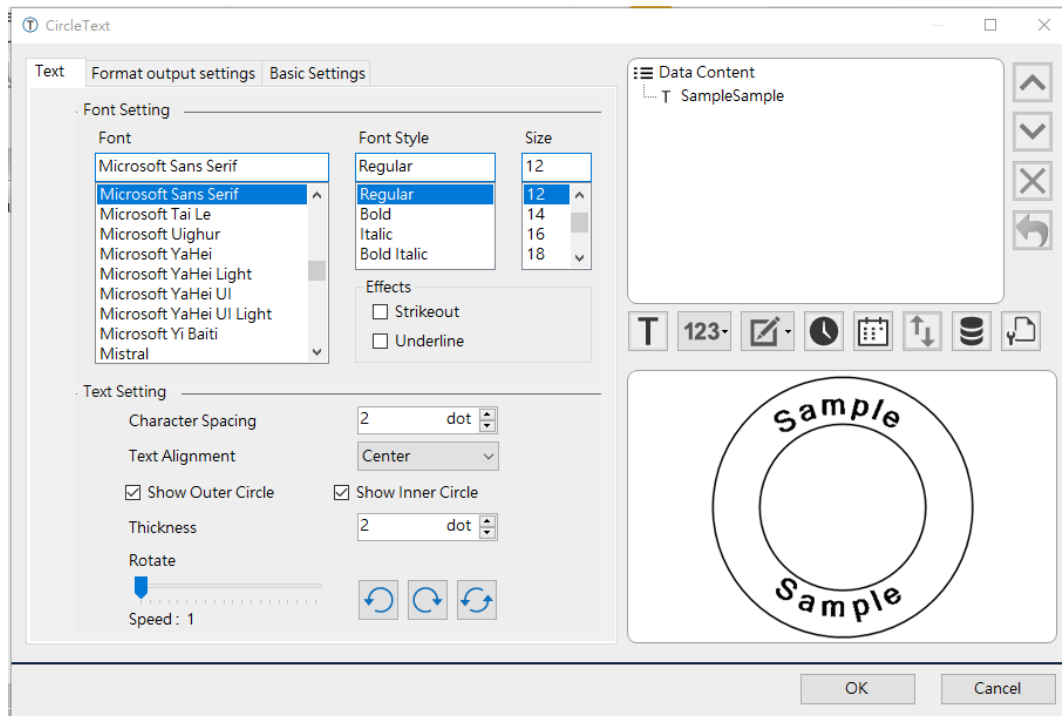
Click the icon “Circle Text”  of the tool bar on the left hand side, and move cursor to where the text will be located and click left key again to open the setting window. It's same as Windows Font to be able to support Fonts that Windows offers. It will convert the text to image file while printing, and through print image command to do the printing job.

- **Text :**  
Set up Windows font, style, and size
- **Text Setting :**  
Set up the space between each character
- **Text Alignment :**  
Set line and line spacing, paragraph and paragraph spacing
- **Show Outer Circle :**  
Set whether to draw the circle of the outer circle of the text
- **Show Inner Circle :**  
Set whether to draw a circle in the inner circle of the text

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- **Thickness :**

Set the thickness of the inner/outer circle of the text to be drawn



### 3.8 Edit Barcode

#### 3.8.1 1D Barcode

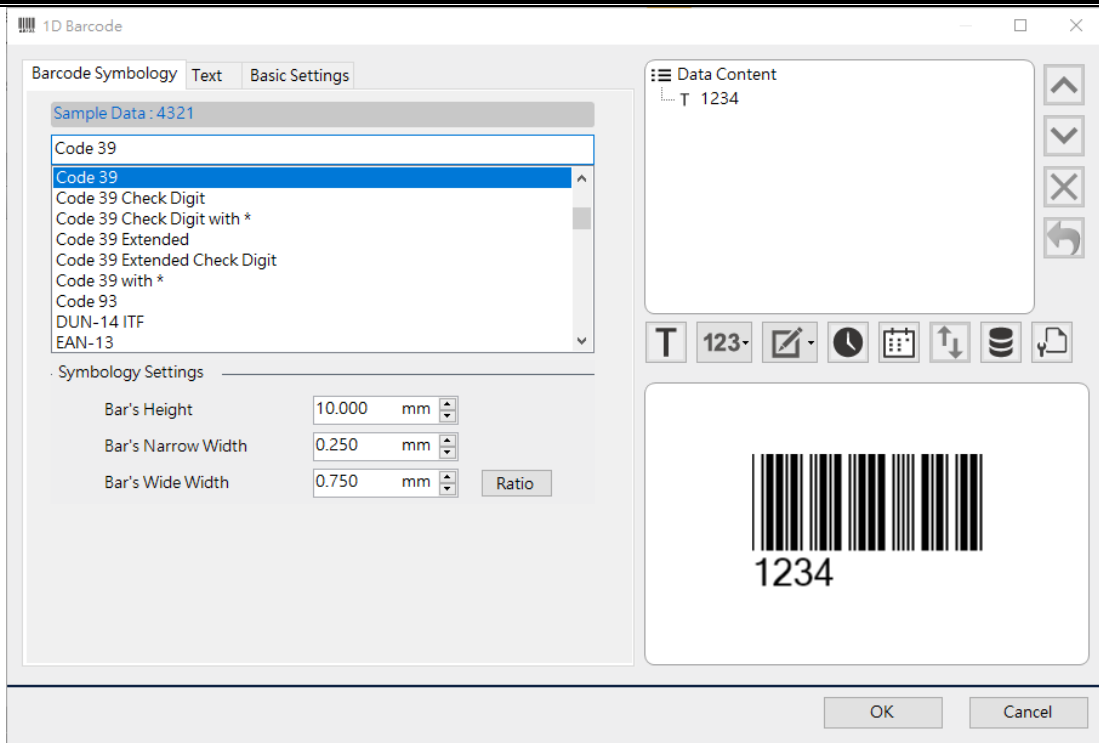
Click the icon "Barcode"  on the tool bar, and move cursor to where the barcode will be located and click left key again to open the setting window.

#### Barcode :

Users can select the which 1 D barcode to use from the drop-down list.

- **Bar' s Height :**  
Set up barcode height
- **Bar' s Narrow Width :**  
Most 1D barcodes consist of a "thicker line" and a "thinner line" arranged in different order. This parameter can set the width of the "thinner line" in the 1D barcode
- **Bar' s Wide Width :**  
Most 1D barcodes consist of a "thicker line" and a "thinner line" arranged in different order. This parameter can set the width of the "thick line" in the one-dimensional barcode
- **Ratio :**  
The value of barcode thick line width can be adjusted according to the set ratio.

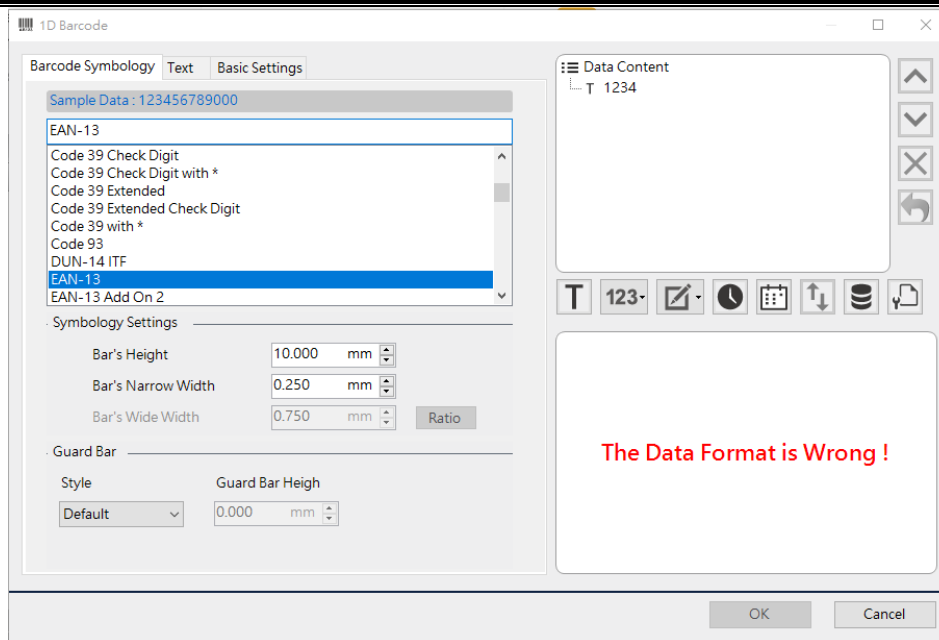
# GoLabel II User Manual



Barcode height, barcode thickness, thin line width and wide/narrow ratio will affect the accuracy of barcode printing and the reading of barcode scanners, so the standard of barcode specification should be considered when setting.

When you switch the barcode type, if the Data Content on the right does not meet the rules of the barcode type, it will display "The Data Format is Wrong" . At this point, you can click the node under Data Content on the right to manually modify the content, or click "Sample Data" on the upper left twice to automatically bring in the data content that conforms to the rules.

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## Text :

- **Alignment :**

Set the display position of the code text (different barcode types can support different items)

- **Built-in Font :**

When this item is checked, the font of the code text cannot be changed, and the program will print it through the Print Barcode command.

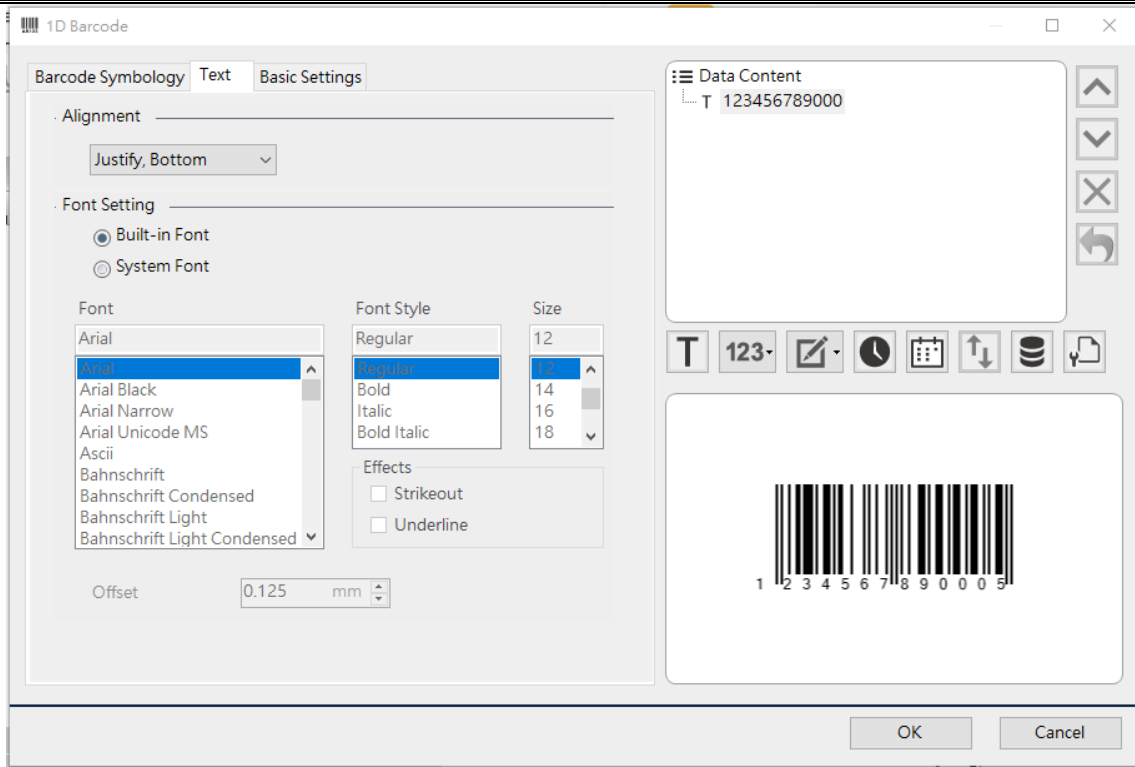
- **System Font :**

When this item is checked, the font of the code text can be changed, but the program will first convert the barcode into an image file, and then print it through the Print Image command.

- **Offset :**

The distance of the text relative to the barcode (if it cannot be set, it means it is not supported)

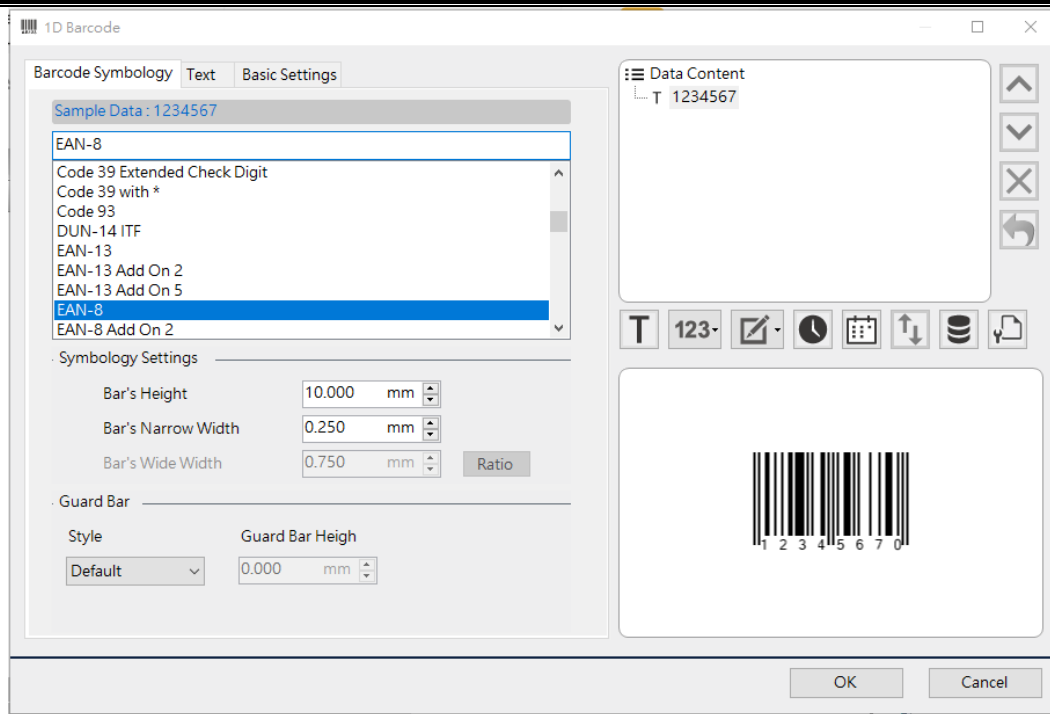




## 3.8.2 1D Barcode – EAN/UPC Guard Bars

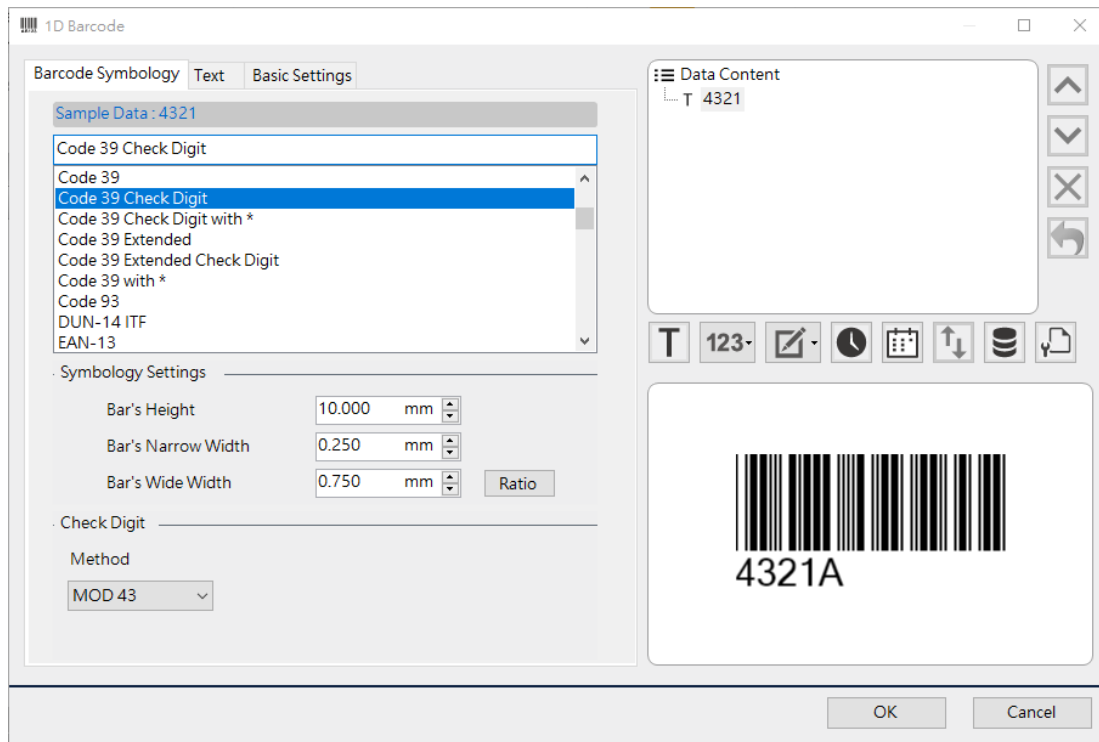
When select barcode EAN8, EAN13, UPCA, and UPCE, it will show Guard Bars on setting screen. This item is to set up the length of left guard bars, right guard bars, and center guard bars. When select “Default” , the barcode will show default setting. When select “Custom” , you can set up the length of left, right, and center guard bars.

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### 3.8.3 1D Barcode – Code 39 Check Digit

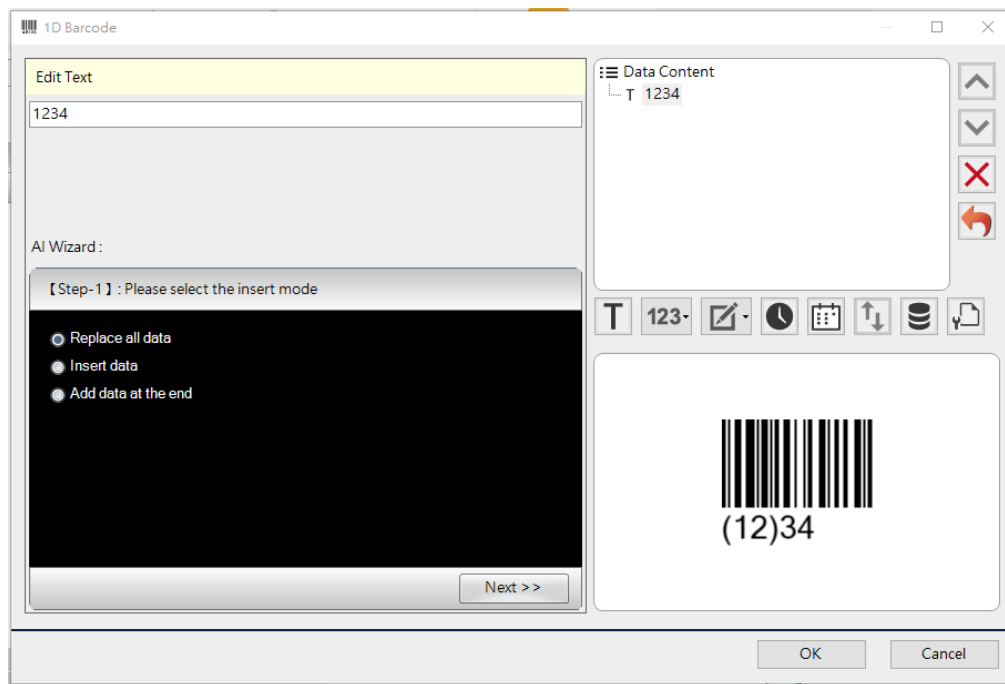
When select barcode Code39CheckDigit, Code39CheckDigit with\*, and Code39ExtendedCheckDigit, it will show Check Digit list. Users can select MOD 43, UCC MOD 10, MSI MOD 10 or UNISON MOD 10 method according to requirement.



### 3.8.4 AI Wizard

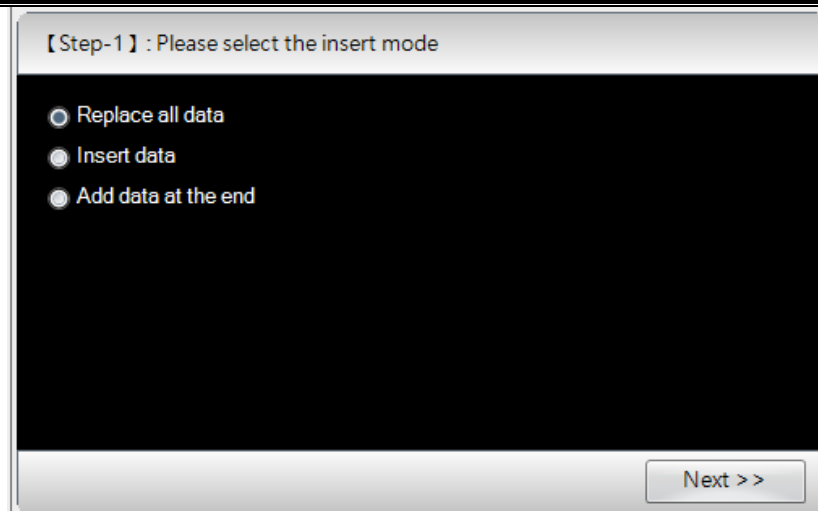
GS1 (Globe standard 1) is an organization established by the Uniform Code Council (UCC) in 1973. GS1 uses a 2-4-digit Application Identification (AI) to define the content and format of the following data, which can be continuously expanded according to the needs of the industry or global system.

Some barcodes in the program (eg: GS1-128) have content formats that support AI. When the user clicks the node under Data Content on the right side with the mouse, the current data will be displayed in the "Edit Text" area on the upper left side, and the "AI Wizard" will be displayed on the lower left side. Users can create data one by one according to the operation prompts of the "AI Wizard".



Step-1 : Please select the insert mode.

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【Step-1】 : Please select the insert mode

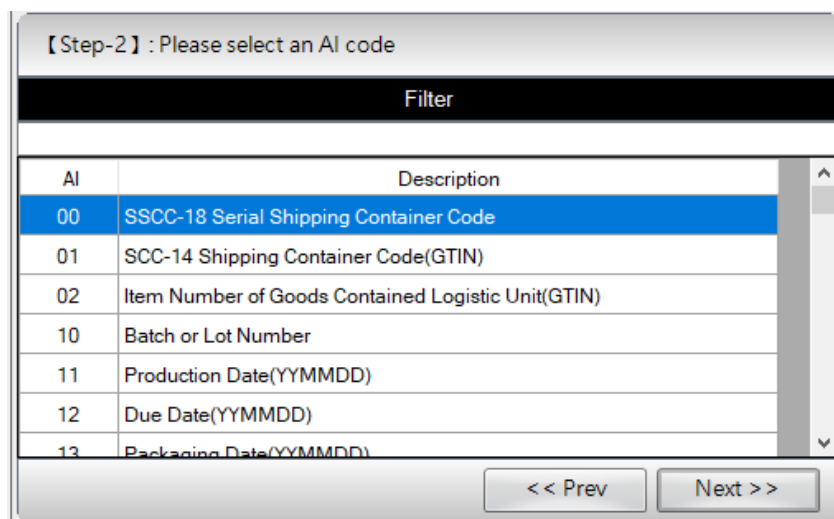
☐ Replace all data

☐ Insert data

☐ Add data at the end

Next >>

Step-2 : Please select an AI code. (There is a description of each AI feature.)



【Step-2】 : Please select an AI code

Filter

AI	Description
00	SSCC-18 Serial Shipping Container Code
01	SCC-14 Shipping Container Code(GTIN)
02	Item Number of Goods Contained Logistic Unit(GTIN)
10	Batch or Lot Number
11	Production Date(YMMDD)
12	Due Date(YMMDD)
13	Packaging Date(YMMDD)

<< Prev      Next >>

Step-3 : Please set AI data.

Here is description about the selected AI format and rules.

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【 Step-3 】 : Please set AI data

(00) : SSCC-18 Serial Shipping Container Code

Data content can only be digital

Fixed data length

The data length is 18


Sample: (00)0 0123456 000000001 8

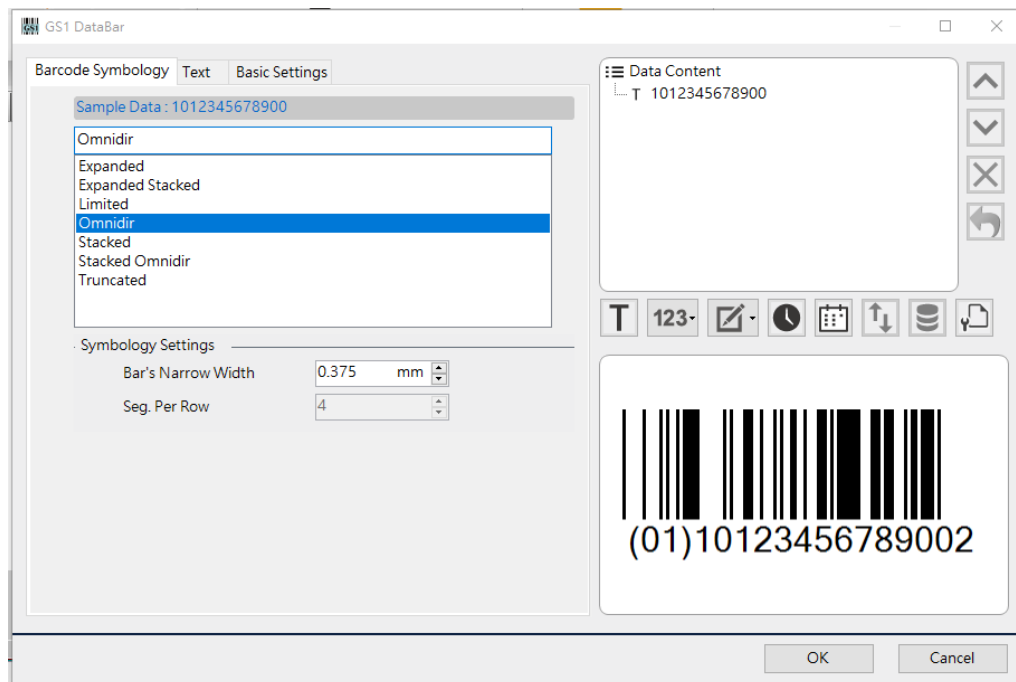
Insert

Data


<< Prev Done >>

## 3.8.5 GS1 DataBar

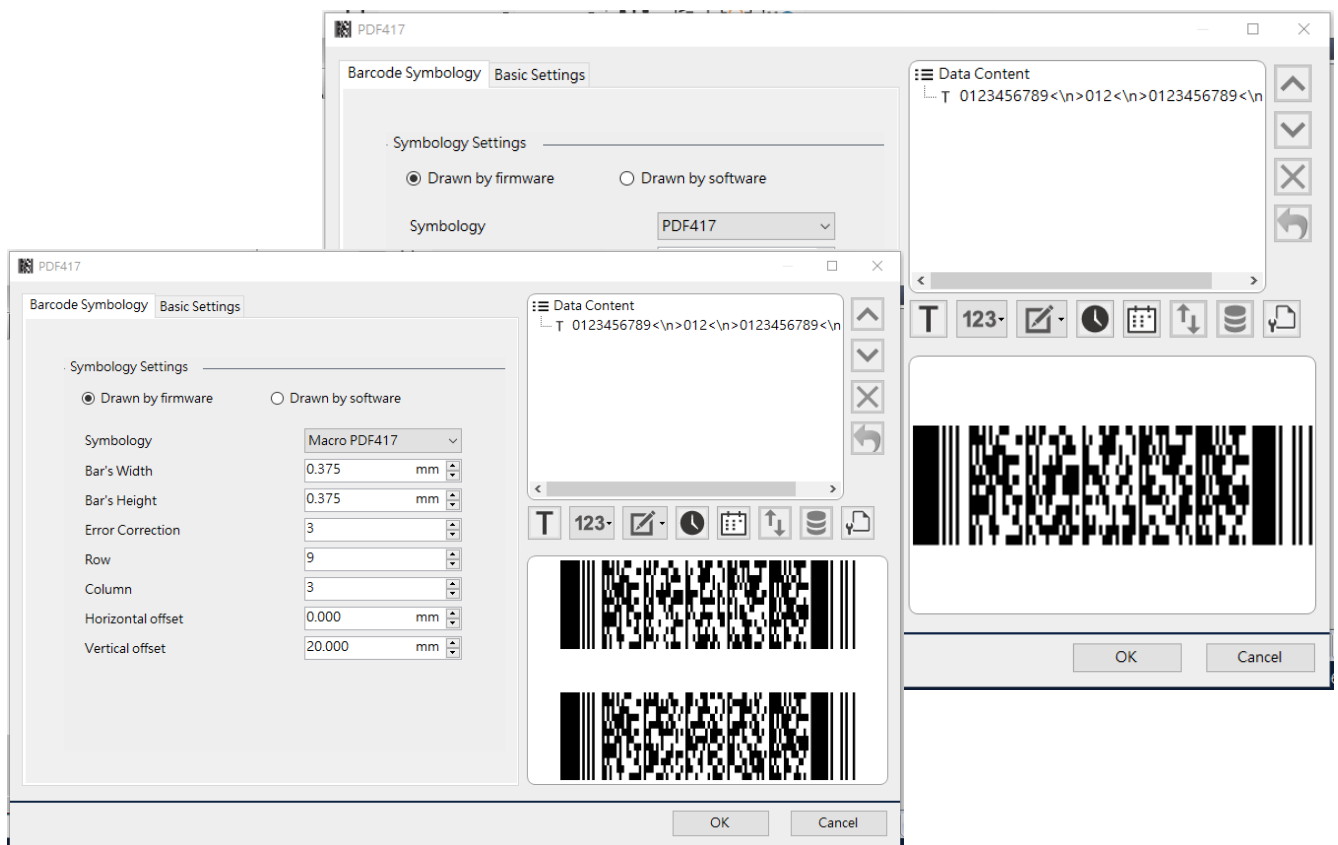
Click the icon “GS1 DataBar”  on the tool bar, and move cursor to where the barcode will be located and click left key again to open the setting window. Users can select required barcode type from the drop-down list. Barcode thin line width, segment/column settings will affect the accuracy of barcode printing and the reading of bar code scanner, so the standard of barcode specification should be considered when setting.



## 3.8.6 PDF 417 and Macro PDF 417


Click the icon “PDF417”  on the tool bar, and move cursor to where the barcode will be located and click left key again to open the setting window. In older firmware which might not support Macro PDF417, there are options under this barcode to let users select from. One is Draw by firmware. The other is Draw by software. If Draw by software is checked, GoLabel II will send the PDF417 as image file to print.

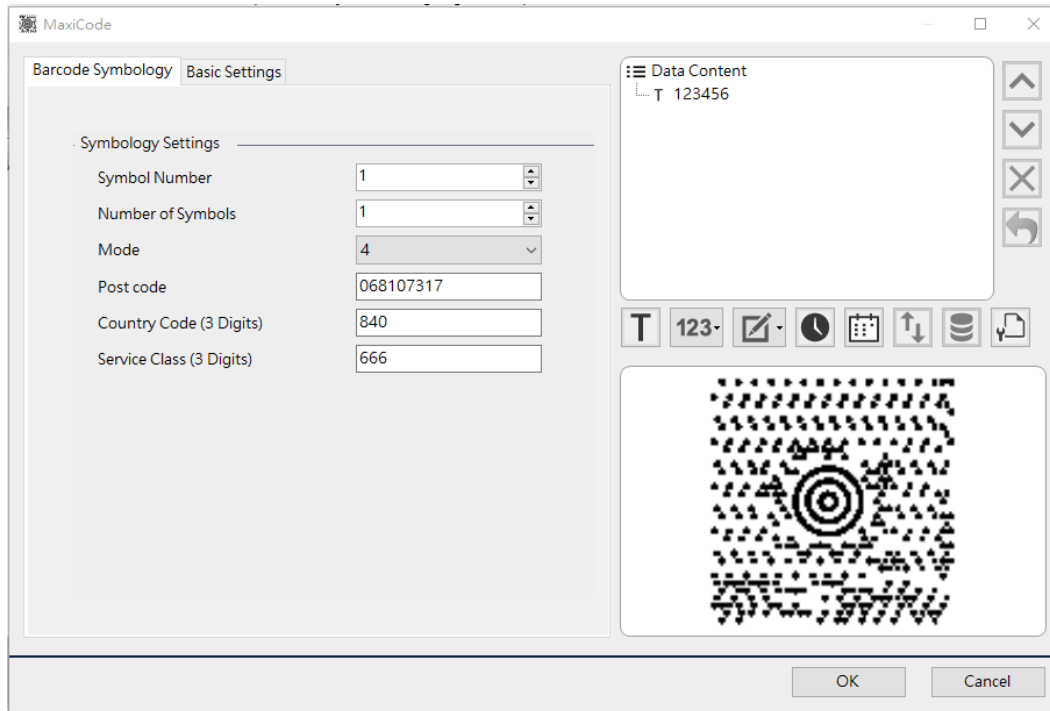
In the symbology, there are two options, PDF417 or Macro PDF417. Macro PDF417 is a variant of PDF417. When the amount of data is larger than the amount that can be stored in one PDF417, the data can be cut into multiple sections and stored in multiple Macro PDF417s. Users can edit barcode data here. When the amount of data is large, the software will automatically cut the data into multiple barcodes.






### 3.8.7 MaxiCode

Click the icon “MaxiCode”  on the tool bar, and move cursor to where the barcode will be located and click left key again to open the setting window.

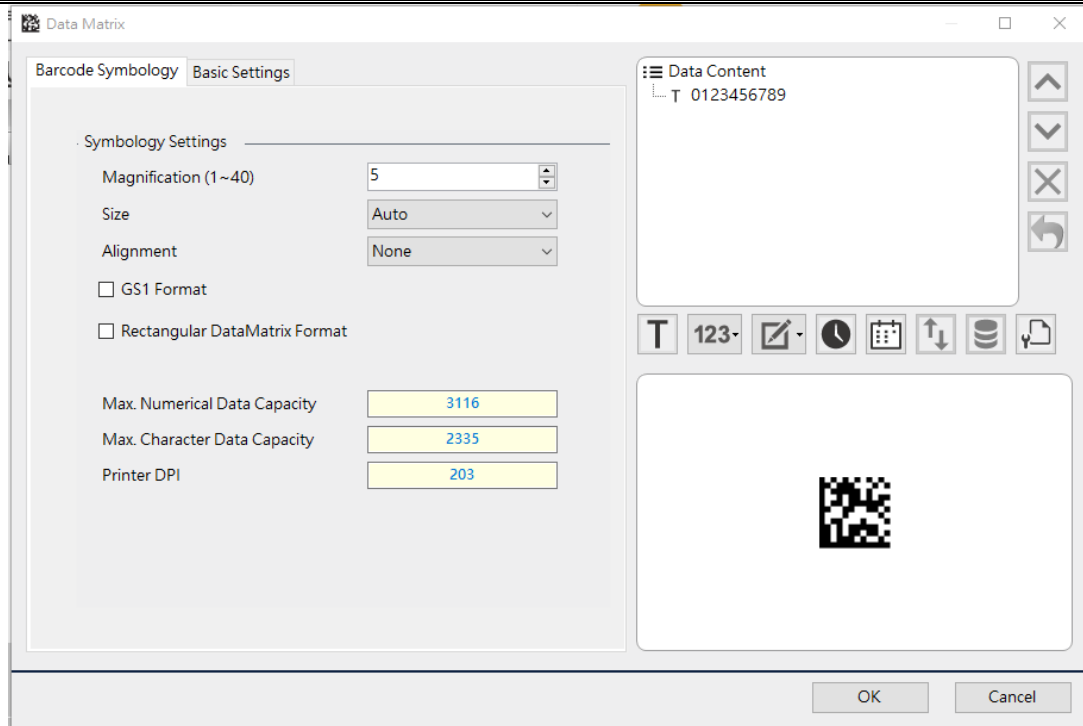


### 3.8.8 Data Matrix Code


Click the icon “Data Matrix Code”  on the tool bar, and move cursor to where the barcode will be located and click left key again to open the setting window. This barcode supports AI Wizard. For more details about AI Wizard setting, please refer to chapter [3.8.4 AI Wizard](#).

- **Magnification :**  
Barcode magnification
- **Size :**  
Different barcode specifications can be switched when changing the size. Each specification has a different character limit. If you select “Auto” , the barcode size can be automatically adjusted according to the data content.
- **Alignment :**  
Set the code text display position. (The firmware does not support displaying code text. When the display code text is set, it is not supported in stand-alone printing. )
- **GS1 Format :**  
When this item is checked, the first character at the beginning of the data will be automatically filled in <Fuc1> when printing
- **Rectangular DataMatrix Format :**  
Set the barcode in rectangular format

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### 3.8.9 QR Code

Click the icon “QR Code”  on the tool bar, and move cursor to where the barcode will be located and click left key again to open the setting window. This barcode supports AI Wizard. For more details about AI Wizard setting, please refer to chapter [3.8.4. AI Wizard](#).

- **Magnification :**  
Barcode magnification
- **Version :**  
Different barcode specifications can be switched when changing the version. Each specification has a different character limit. If you select “Auto” , the barcode size can be automatically adjusted according to the data content.
- **Error Correction :**  
This item can be used to set the fault tolerance level of the barcode. When a corner of the barcode is missing or part of the information is missing, other parts will be filled automatically, so that the overall information can still be fully identified.  
QRcode has 4 fault tolerance levels:  
Low: About 7% of the data can be corrected.  
Medium: About 15% of the data can be corrected.  
Medium High: About 25% of the data can be corrected.  
High: About 30% of the data can be corrected.
- **Mask Factor :**  
Unmasked QR codes may appear in the data area with continuous blanks, black areas, or graphics similar to positioning points, which will be detrimental to machine recognition. Selecting a suitable mask, and then processing it through a special algorithm, can make the black and white of the QR Code data area spread out, making it easier for machines to identify.
- **Type :**  
Set up QR code type  
Original: This type, also known as Model 1, is the earliest version of QR code.  
Enhanced: This type, also known as Model 2, is an improved version of Model 1,

which can read data smoothly under the condition of barcode image deformation.

Micro QRcode: There is only one positioning mark, which can be printed in a smaller space.

- **Mode :**

Set up QR code input data type

- **Alignment :**

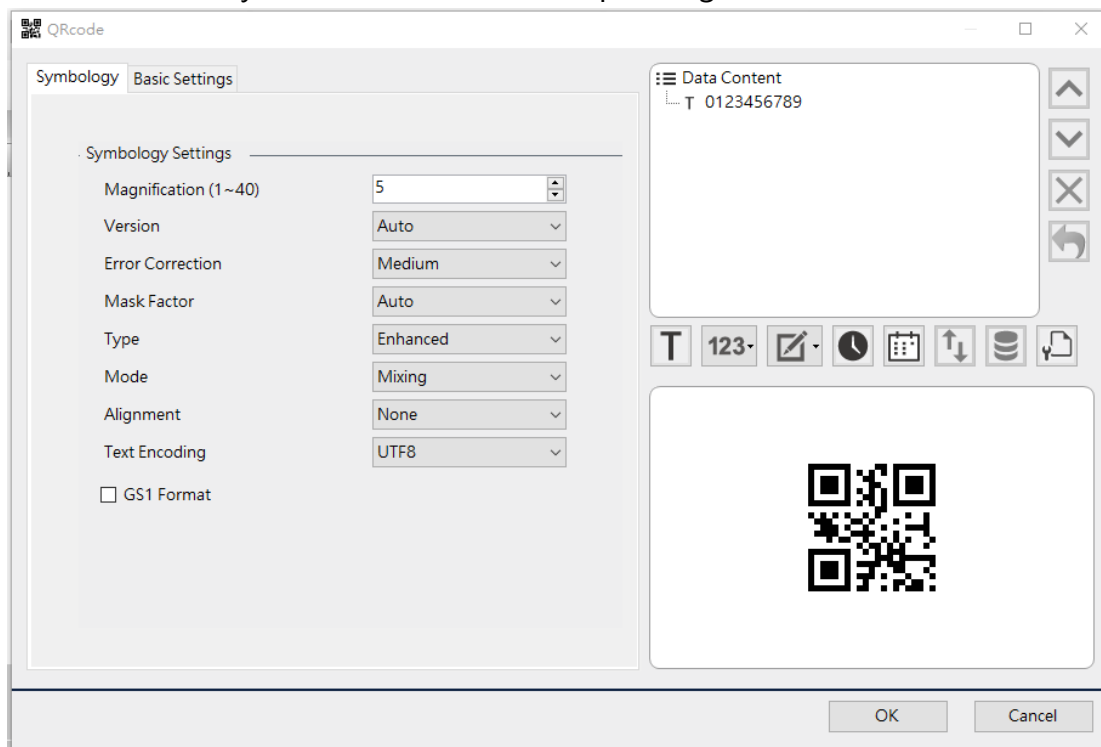
Set the code text display position. (The firmware does not support displaying code text. When the display code text is set, it is not supported in stand-alone printing. )

- **Text Encoding :**


Set the text encoding format of the data in the barcode

- **GS1 格式 GS1 Format :**

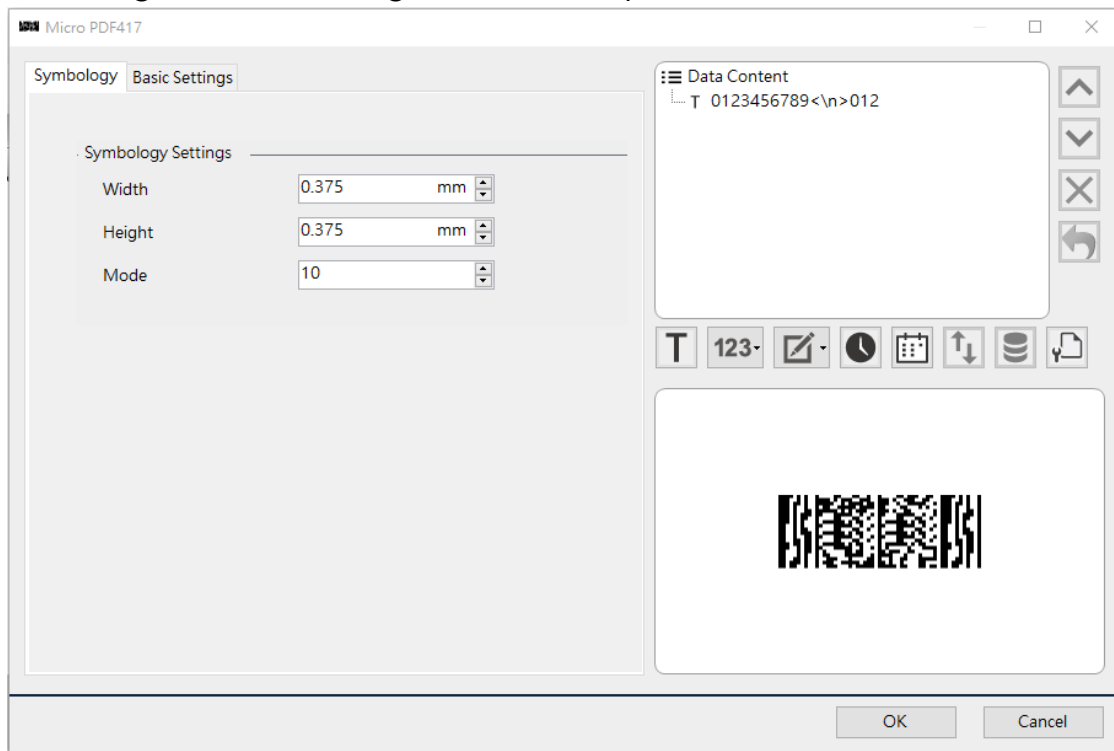
When this item is checked, the first character at the beginning of the data will be automatically filled in <Fuc1> when printing




### 3.8.10 Micro PDF 417

Click the icon “Micro PDF417”  on the tool bar, and move cursor to where the barcode will be located and click left key again to open the setting window.

- **Width :**  
Set barcode width
- **Height :**  
Set barcode height
- **Mode :**  
Change mode to change to different specifications

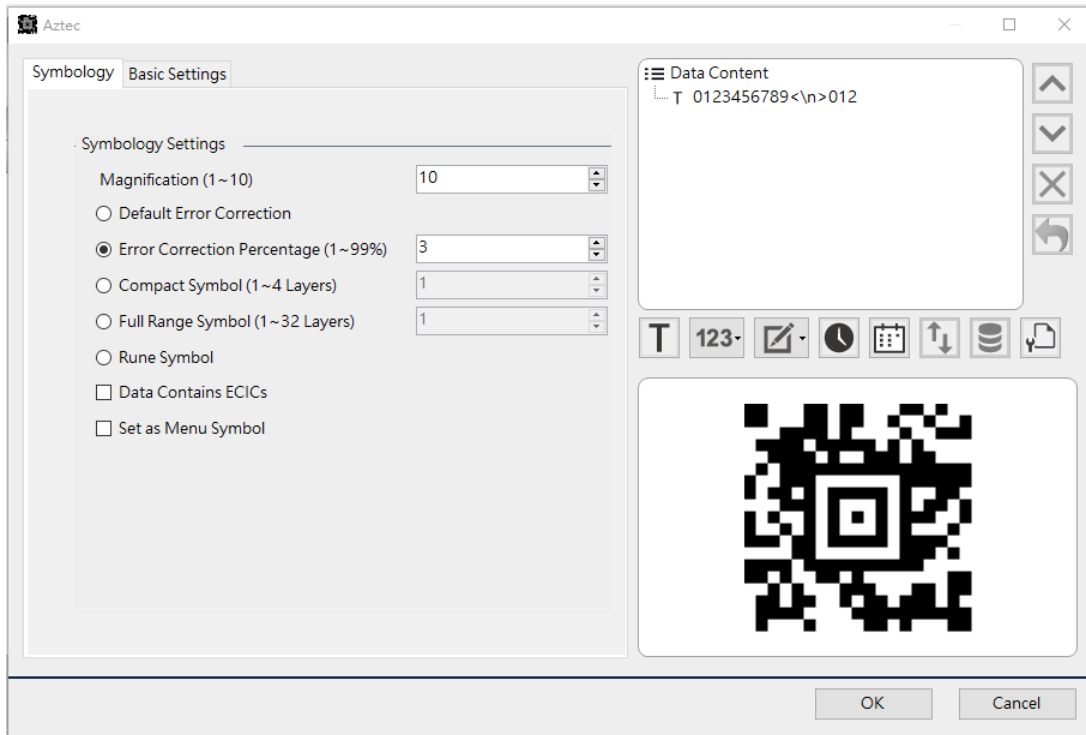


### 3.8.11 Aztec


Click the icon “Aztec”  on the tool bar, and move cursor to where the barcode will be located and click left key again to open the setting window.

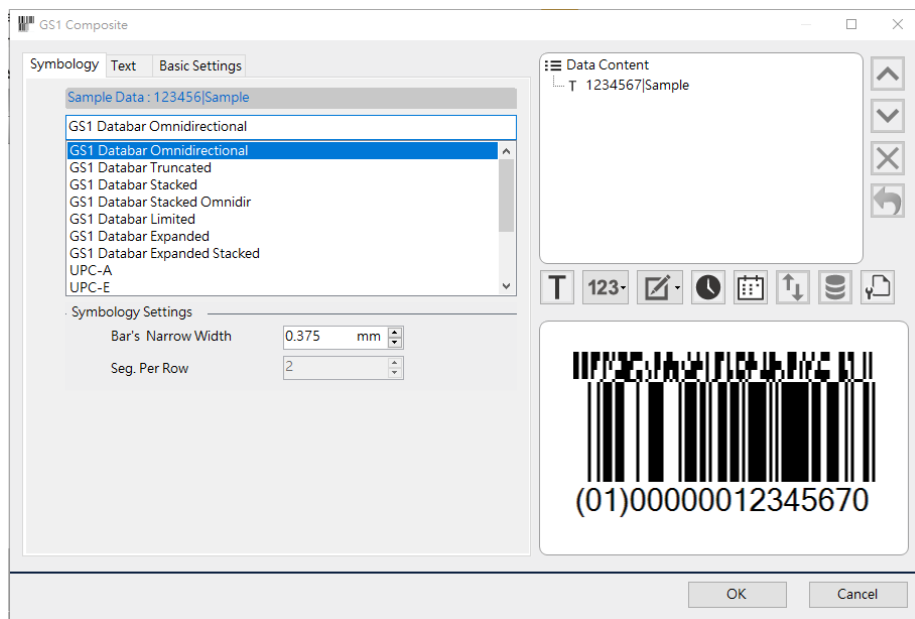
- **Magnification :**

Barcode magnification




## 3.8.12 GS1 Composite

Click the icon “GS1 Composite”  on the tool bar, and move cursor to where the barcode will be located and click left key again to open the setting window. Barcode thin line width, segment/line settings will affect the correctness of barcode printing and machine reading, so the standard of bar code specification should be considered when setting.

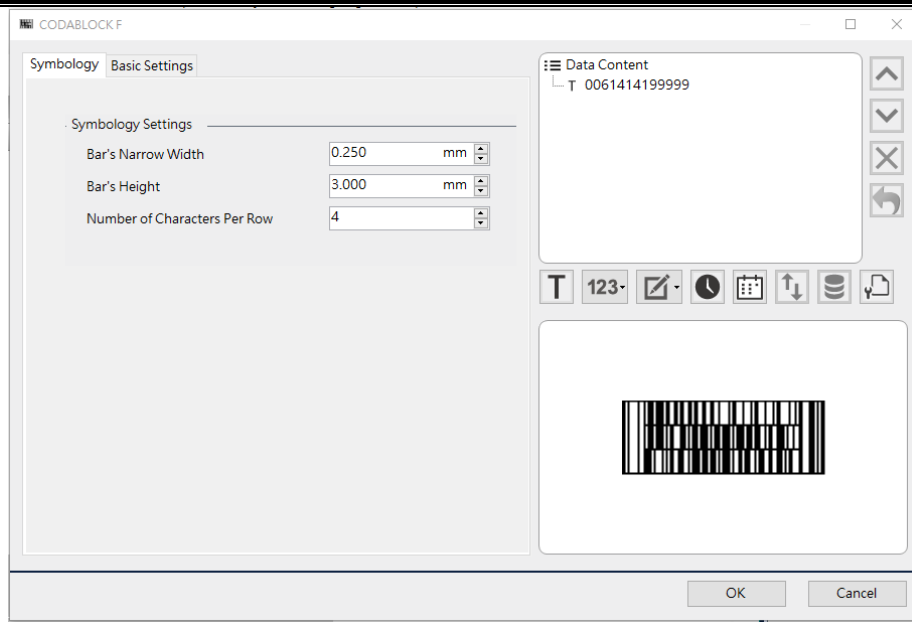


## 3.8.13 CODABLOCK F


Click the icon “CODABLOCK F”  on the tool bar, and move cursor to where the barcode will be located and click left key again to open the setting window. Barcode thin line width, segment/line settings will affect the correctness of barcode printing and machine reading, so the standard of bar code specification should be considered when setting.



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### 3.8.14 Han Xin

Click the icon “ Han Xin”  on the tool bar, and move cursor to where the barcode will be located and click left key again to open the setting window.

- **Magnification :**

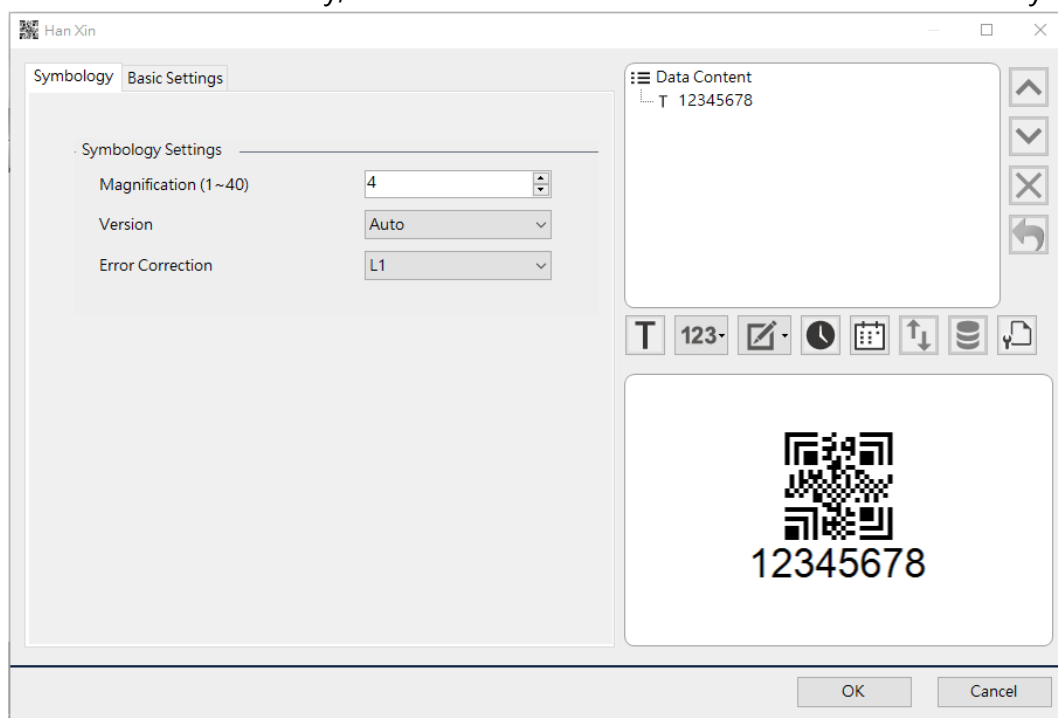
Barcode magnification

- **Version :**


Different barcode specifications can be switched when changing the version. Each specification has a different character limit. If you select “Auto” , the barcode size can be automatically adjusted according to the data content.

- **Error Correction :**

This item can be used to set the fault tolerance level of the barcode. When a corner of the barcode is missing or part of the information is missing, other parts will be filled automatically, so that the overall information can still be fully identified.

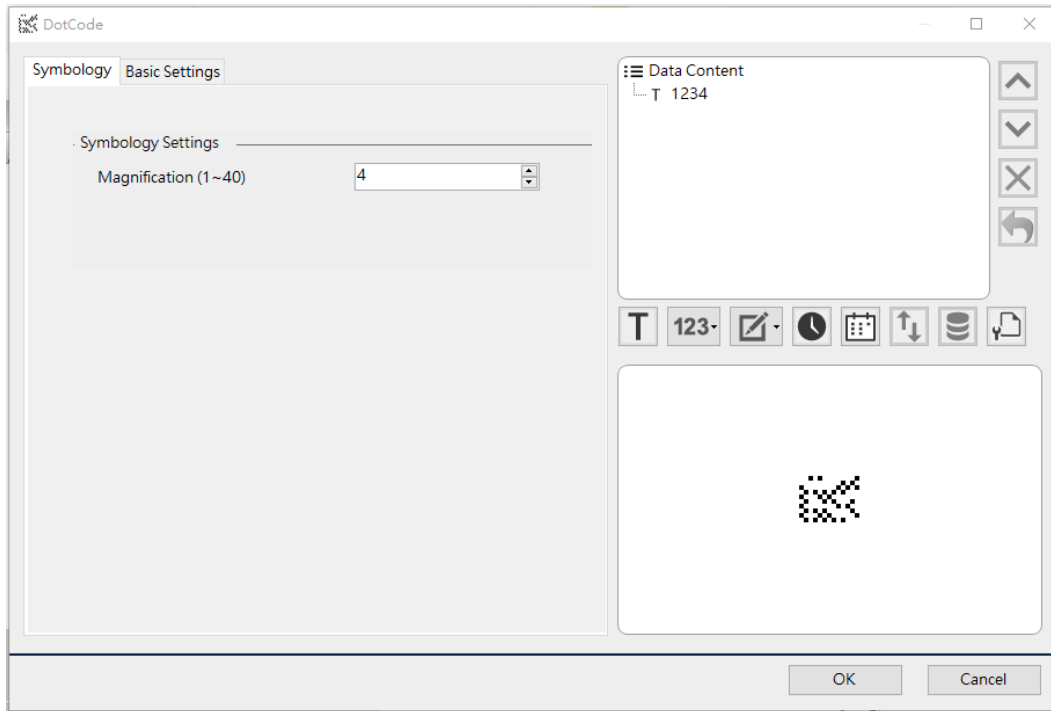


### 3.8.15 DotCode

Click the icon “DotCode”  on the tool bar, and move cursor to where the barcode will be located and click left key again to open the setting window.




- **Magnification :**

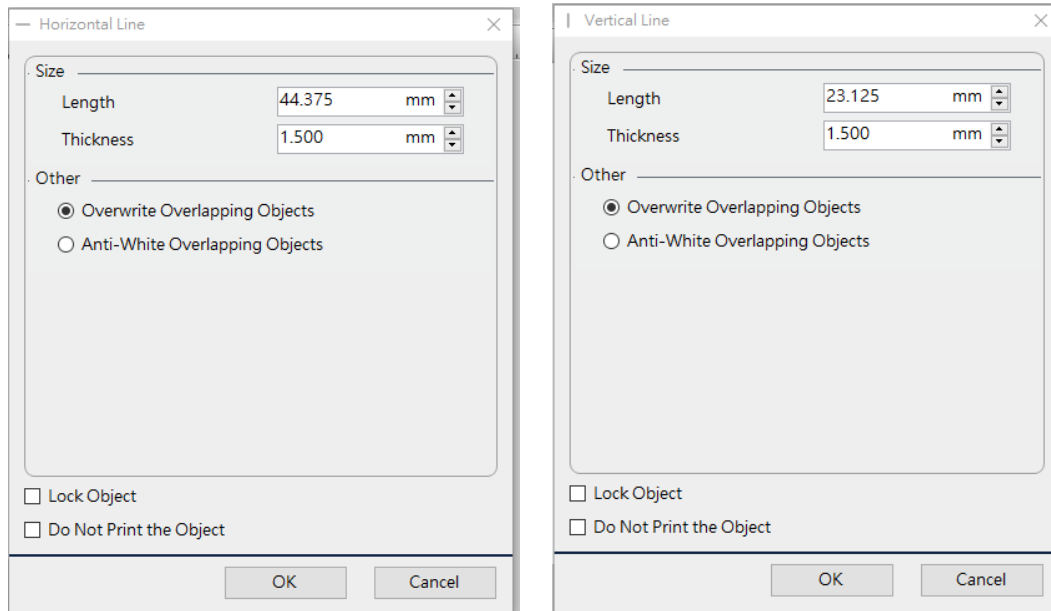
Barcode magnification



## 3.9 Drawing Line, Rectangle and Circle

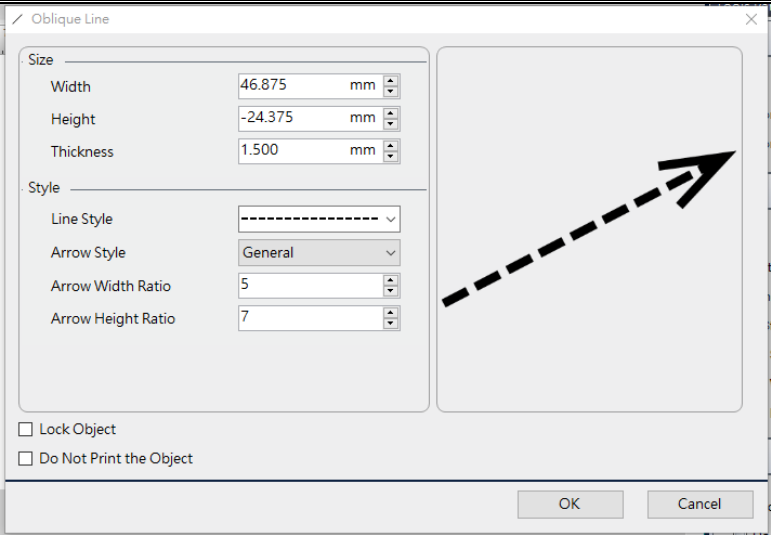
### 3.9.1 Drawing Line (Horizontal Line, Vertical Line, and Oblique Line)

Click the icon "Horizontal Line" , "Vertical Line" , or "Oblique Line"  on the tool bar, and move cursor to where the line will be located and start to draw the object. Click the object and drag to adjust the size. Click the object twice, the setting window will pop up. "Overwrite Overlapping Objects" is checked, it's normal printing mode. "Anti-White Overlapping Objects" is checked, the overlapping area will print in anti-white.




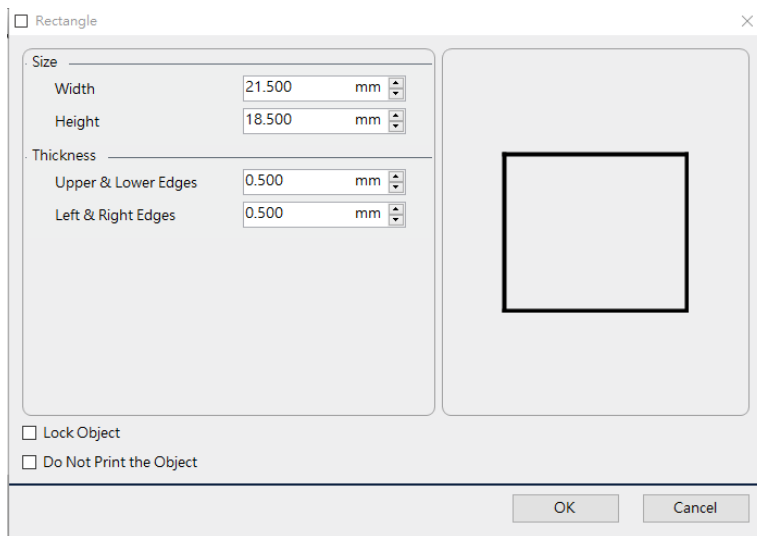
The slash can turn on the option to show arrows, adjust the aspect ratio of the arrow according to the line width to change the size of the arrow.

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### 3.9.2 Drawing Rectangle

Click the icon "Rectangle"  on the tool bar, and move cursor to where the rectangle will be located and start to draw the object. Click the object and drag to adjust the size. Click the object twice, the setting window will pop up.



### 3.9.3 Drawing Filled Rectangle


Click the icon "Filled Rectangle"  on the tool bar, and move cursor to where the rectangle will be located and start to draw the object. Click the object and drag to adjust the size. Click the object twice, the setting window will pop up. "Overwrite Overlapping Objects" is checked, it's normal printing mode. "Anti-White Overlapping Objects" is checked, the overlapping area will print in anti-white.

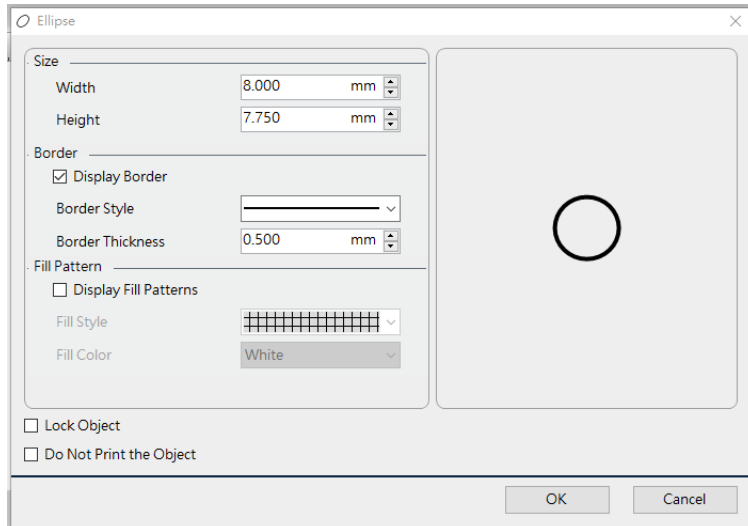
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The screenshot shows a 'Fill Rectangle' dialog box with the following elements:


- Title Bar:** 'Fill Rectangle' with a close button (X).
- Size Section:**
  - Width:** A text box containing '43.500' and a unit dropdown set to 'mm'.
  - Height:** A text box containing '27.750' and a unit dropdown set to 'mm'.
- Other Section:**
  - ☒ Overwrite Overlapping Objects
  - ☐ Anti-White Overlapping Objects
- Options:**
  - ☐ Lock Object
  - ☐ Do Not Print the Object
- Buttons:** 'OK' and 'Cancel' buttons at the bottom right.

### 3.9.4 Drawing Ellipse

Click the icon “ Ellipse”  on the tool bar, and move cursor to where the ellipse will be located and start to draw the object. Click the object and drag to adjust the size. Click the object twice, the setting window will pop up. You can set up the thickness of the border and border style and whether to show the border.

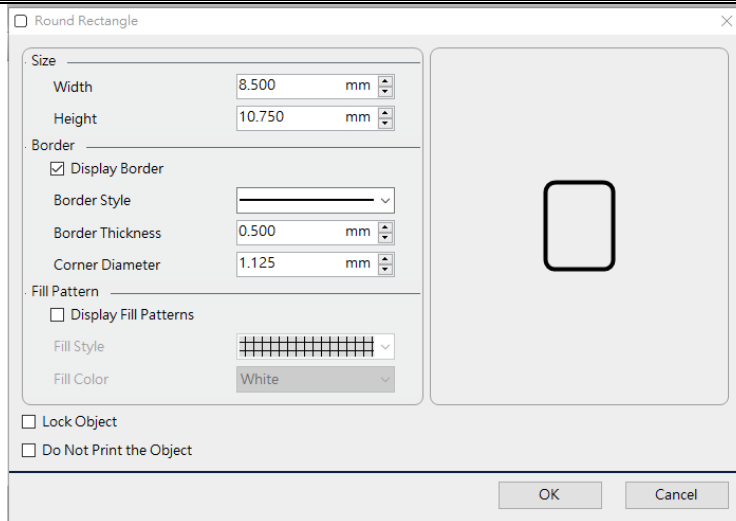


### 3.9.5 Drawing Rounded Rectangle

Click the icon “ Rounded Rectangle”  on the tool bar, and move cursor to where the rectangle will be located and start to draw the object. Click the object and drag to adjust the size. Click the object twice, the setting window will pop up. You can set up the thickness of the border, corner diameter, border style, and whether to show the border.

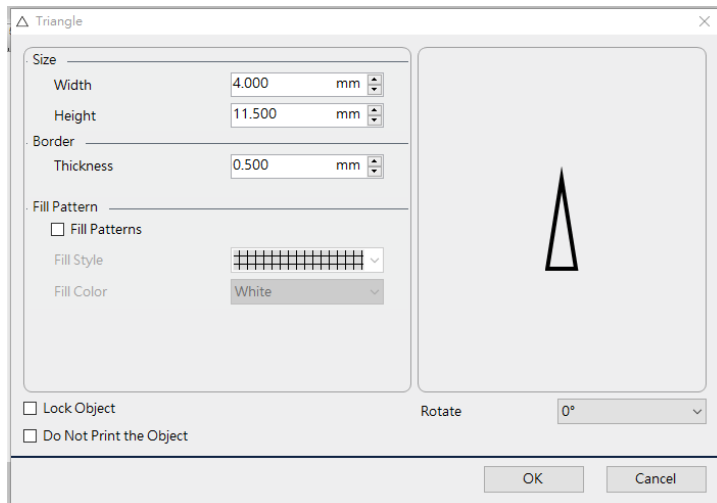


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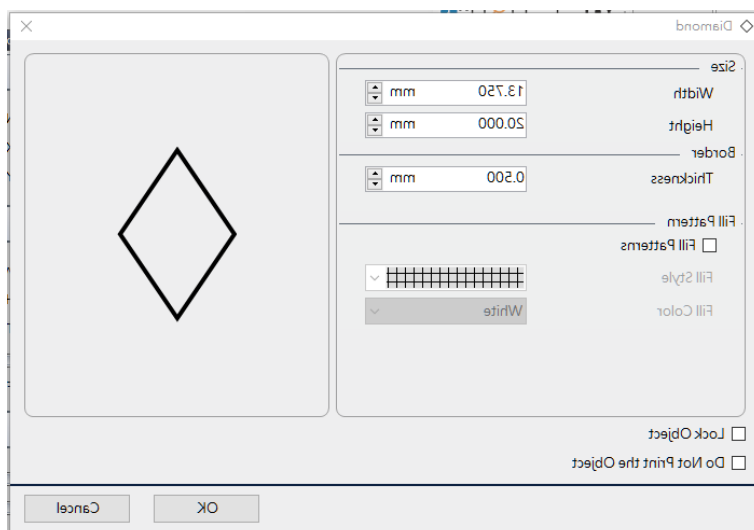
## 3.9.6 Drawing Triangle

Click the icon "Triangle" on the tool bar, and move cursor to where the triangle will be located and start to draw the object. Click the object and drag to adjust the size. Click the object twice, the setting window will pop up. You can set up the thickness of the border and fill pattern.




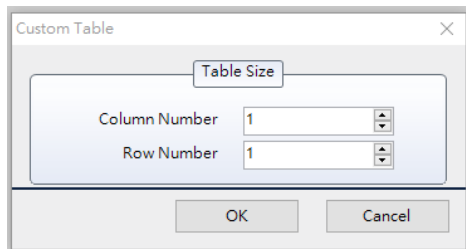
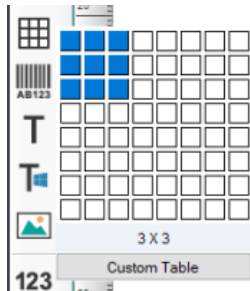
## 3.9.7 Drawing Diamond

Click the icon "Diamond"  on the tool bar, and move cursor to where the diamond will be located and start to draw the object. Click the object and drag to adjust the size. Click the object twice, the setting window will pop up. You can set up the thickness of the border and fill pattern.

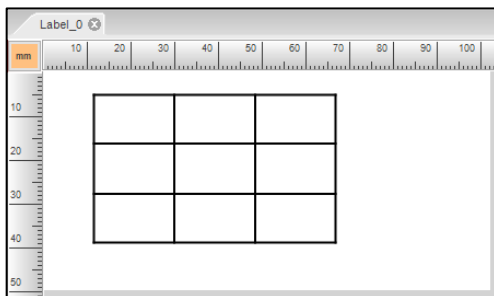


## 3.9.8 Drawing Table

Click the icon “Table”  on the tool bar, it will show the table as shown below. Users can drag the mouse to draw the table or click the bar “Custom Table” to do the setting.



Then move cursor to where the table will be located and click left key again to add on table.



Click the object and drag to adjust the size. Click the object twice, the setting window will pop up. You can set up the width, height, and thickness of the border and fill pattern.

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Table

Size

Width 53.250 mm

Height 42.250 mm

Thickness

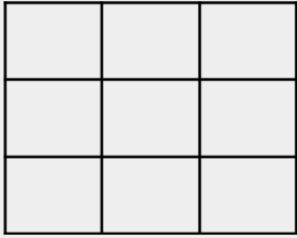
Border Thickness 0.500 mm

Line Thickness 0.500 mm


☐ Lock Object

☐ Do Not Print the Object

OK Cancel

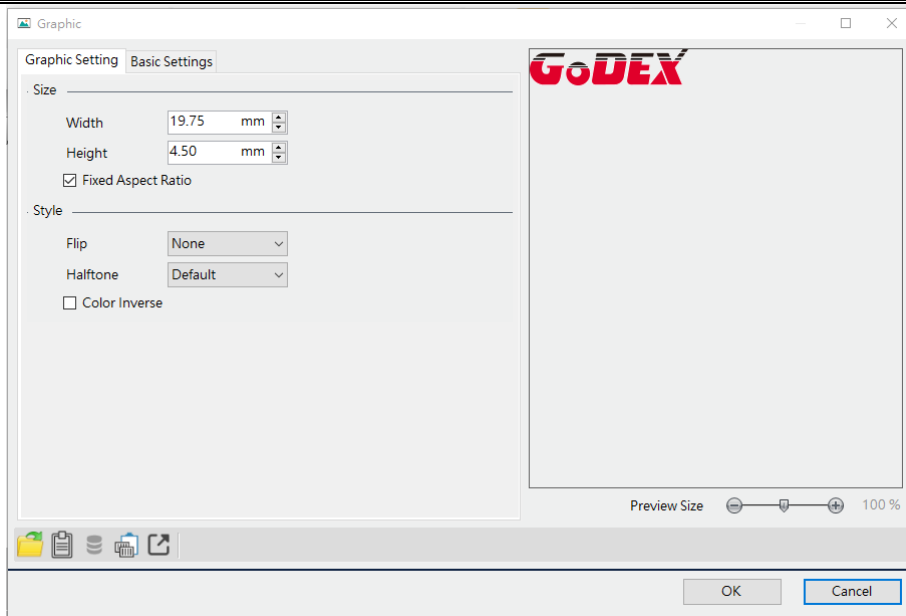


### 3.10 Create Graphics






Click the icon “Graphics”  on the tool bar, then move cursor to where the graphic will be located and click left key to open the setting window.

- **Width :**  
Set the width of the graphic
- **Height :**  
Set the height of the graphic height
- **Fixed Aspect Ratio :**  
If this item is checked, when changing the width or height, the ratio of the width and height of the graphic will remain unchanged.
- **Flip :**  
You can set the horizontal and vertical flip of the graphics.
- **Halftone :**  
Since the printer only supports black-and-white printing, if the graphics are in color or grayscale format, the print result may turn into a completely black or completely white image. Halftone is a technology that uses the density of dot distribution to visually change the grayscale of an image, which can make printers that only support black and white printing present a feeling similar to grayscale gradation. The program currently supports the halftone methods of “Clustered” , “Dispersed” and “Diffusion” . Users can choose the appropriate halftone processing method according to different pictures.
- **Color Inverse :**  
The image is processed with complementary colors, and the black and white in the image are interchanged.

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## Graphic Icons at the bottom


	Open File	Displays the window for opening files. Can load *.pcx, *.png, *.bmp, *.wmf, *.emf, *.ico, *.jpg, *.jpeg, *.svg and other types of image files.
	Download Record	Select the graphics which have been downloaded to the printer
	Database Field	You can select the database field as the "Draw path" The label file must be connected to the database to use this function.
	From Clipboard	After editing the graphic from Windows Paint or other software, copy it directly. After selecting this item, the graphic can be displayed in the preview
	Graphic Export	Export the current image and save it as a file

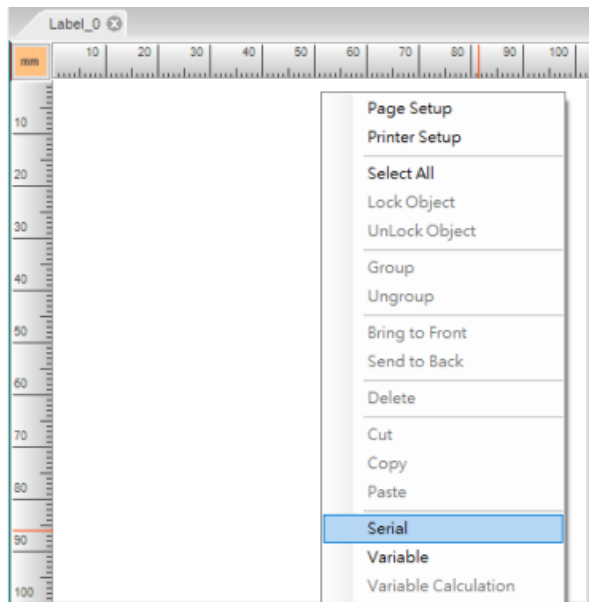
## 4.Advance Operation


### 4.1 Using Serial Number

If users would like to print out with serial number, can use this function to meet the requirement.

#### 4.1.1 Create Serial Number

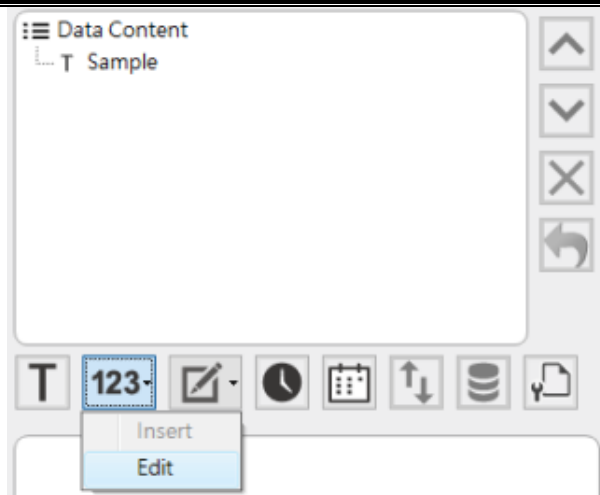
Click the icon “Serial”  on the left tool bar to enter set up window. Or click the right key of the mouse when in the label design area and click “Serial” to enter setting window.



Or click the icon “Serial”  on the tool bar on the right hand side of setting window to drop down a list and select “Edit” to enter editing window.

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---






### 4.1.2 Editing Serial Number

Users can "Starting Value" , "Digital Length" , "Step" , "Increment/Decrement" , " Prompt for value before print" etc. setting. The numbers in the front of the table means serial number 0, serial number 2, and serial number 3... and so on, the data behind the serial number shows related setting contents. It can set 100 serial numbers in total.

To do the setting in the below Serial Number Editing area, after completing, click the

icon "Add"  to add one new data to the list on the top. To add another serial number, you must click next blank column on the serial table or the original data will be replaced. It can only be added in sequence without skipping numbers. When deleting, select the serial number to be deleted in the serial number table, click "Clear", and the subsequent serial number column will be supplemented upwards.

100 sets of serial numbers correspond to ^C00 ~ ^C99 in the barcode printer command.

- Hereunder we set up 3 serial numbers, related parameters setting are as below:

Serial\_0: Digital Length: 5; Starting Value: 1; Step: 1; Increment: +; Prompt : Serial\_0;  
Radix: Decimal (0~9); "Use 0 to replace whitespace" checked

Serial\_1: Digital Length: 5; Starting Value: 1; Step: 1; Increment: +; Prompt: Serial\_1;  
Radix: Decimal (0~9); Disable "Use 0 to replace whitespace"

Serial\_2: Digital Length: 3; Starting Value: 2; Step: 2; Increment: +; Prompt: Serial\_2;  
Radix: Decimal (0~9); "Use 0 to replace whitespace" checked

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	Starting Value	Increment/Decrement	Step	Prompt for value before print	Radix
0*	00001	+	1	Serial_0	Decimal (0~9)
1*	1	+	1	Serial_1	Decimal (0~9)
2*	002	+	2	Serial_2	Decimal (0~9)
3					
4					
5					
6					
7					
8					

Edit Serial Number

Starting Value: 00001 Radix: Decimal (0~9)

Digital Length: 5 ☒ Prompt for value before print

☒ Use 0 to replace whitespace Serial\_0


Initial Value: 1

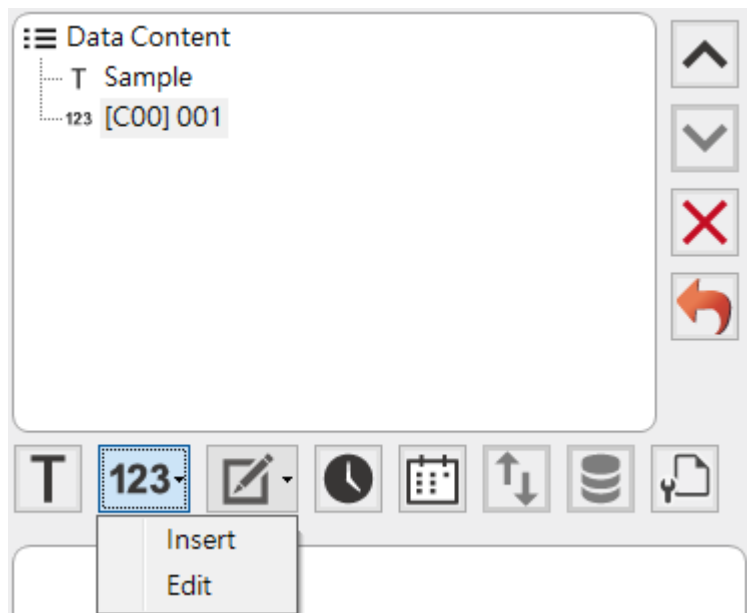
Step: 1

Increment/Decrement: +

OK Cancel

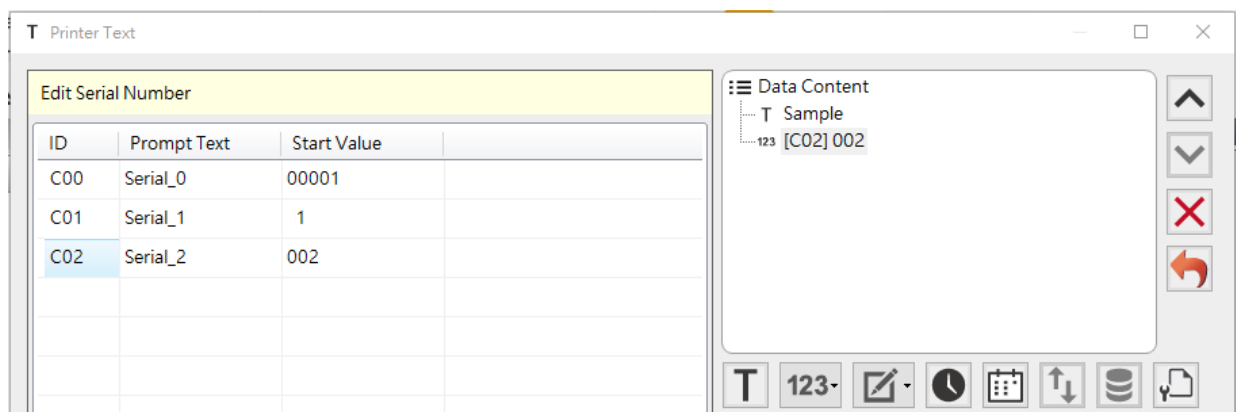
## 4.1.3 Insert Serial Number

Click the icon "Serial"  on the tool bar to drop down the list and click "Insert" to add serial number to the object.

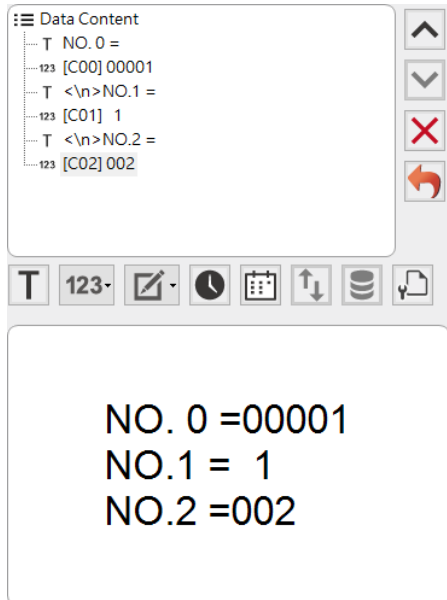




Click the node under the Data Content, the left hand interface will show the Edit Serial Number Window. When the user clicks the serial number in the left list with the mouse, the data can be switched to the selected serial number.

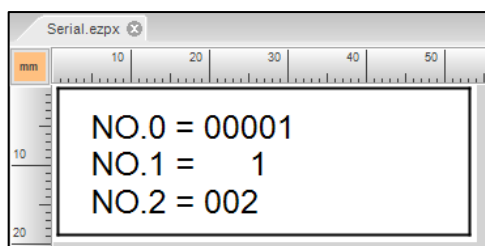


Knowing the setting method of serial number and the definition of serial number variables, users can use the data content and text data in each object setting window more directly. As shown below:



### 4.1.4 Serial Number Printing

Continuing the settings in the previous chapter, the display content of the label design area is as follows:



When printing quantities are set 3, the printing result is as below.

NO.0 = 00003  
NO.1 = 3  
NO.2 = 006

NO.0 = 00002  
NO.1 = 2  
NO.2 = 004

NO.0 = 00001  
NO.1 = 1  
NO.2 = 002

### 4.1.5 Serial Number Custom Sequence Function


When the Radix is set to "Custom Sequence", users can define the radix sequence. This function is from the software so it doesn't work under standalone mode.

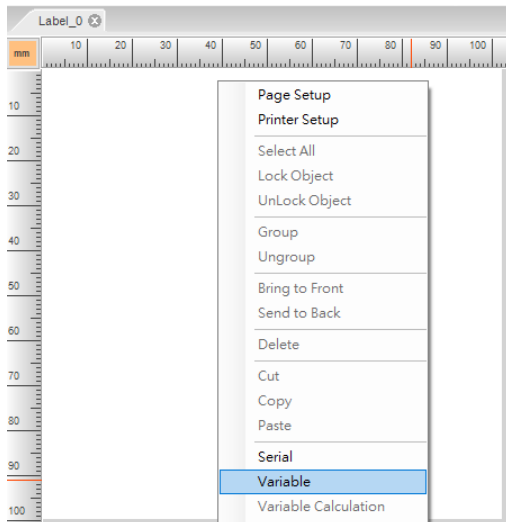
Edit Serial Number			
Starting Value	<input type="text" value="001"/>	Radix	<input type="text" value="Custom Sequence"/>
Digital Length	<input type="text" value="3"/>	<input checked="" type="checkbox"/> Prompt for value before print	
<input checked="" type="checkbox"/> Use 0 to replace whitespace		Prompt	<input type="text"/>
Initial Value	<input type="text" value="1"/>	Sequence Definition	<input type="text" value="0123456789ABCDEFGHIJKLMNOPQRSTUVWXYZ"/>
Step	<input type="text" value="1"/>		
Increment/Decrement	<input type="text" value="+"/>		

### 4.2 Using Variable

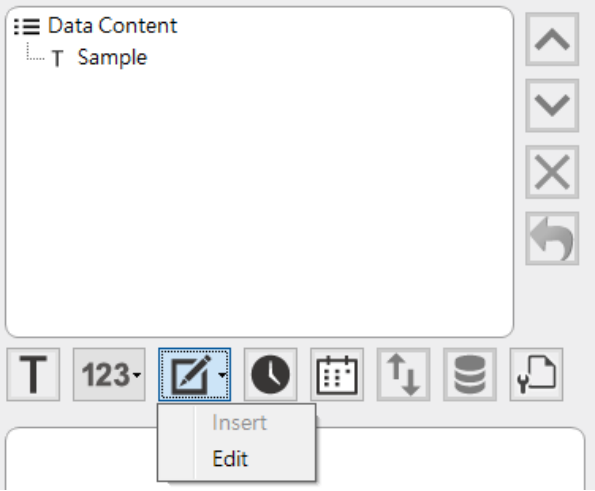
If the label you want to design is: most of the content is the same, only a small part of the content that you want to enter and print it, then you may need to use the "variable" function. This chapter will explain step-by-step how to use "variables".

#### 4.2.1 Enter variable setup page

Click the icon "variable"  on the right hand tool bar to enter variable editing window. Or click right key of the mouse when in the label design area and click the "Variable" to enter editing window.




Or click the icon "Variable" on the below tool bar to drop down the list and click "Edit" to enter editing window.





## 4.2.2 Create Variable (Simple Setting)

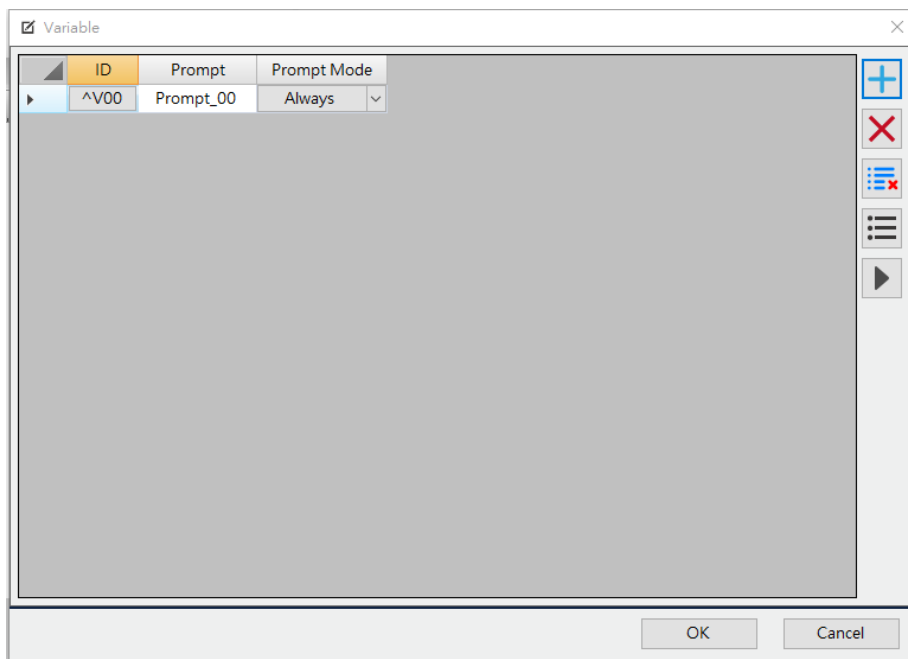
Under variable editing window, users can simply click the icon “Add”  to add new variable. Most of the time, users just need to set up the “Prompt” and “Prompt Mode” .

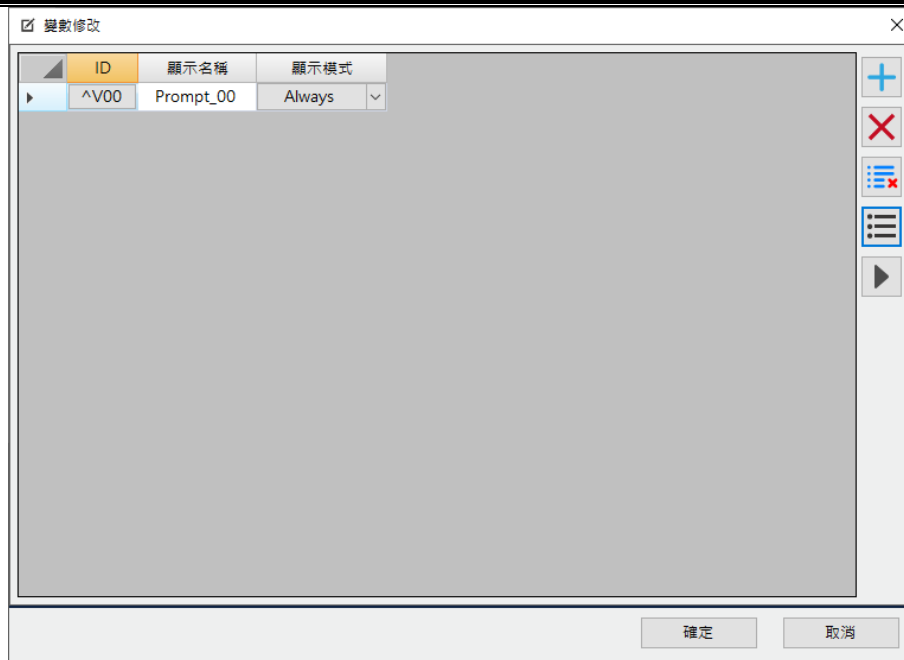
- **Prompt :**


It's to edit the prompt words on the software or LCD of the printer. When printing through computer, the software will pop up the window to let user to input the variable for printing. In the window, it will show the set description of the variable. When download the label to the printer which is with LCD, under standalone mode to print, the LCD will prompt the name of the column to let user know what variable value to input.

- **Prompt Mode :**

Set up the frequency to show the prompt. There are “Always” , “Once” and “None” . For example, when select “Always” and print 3 labels, each label needs to input variable value once. When select “Once” and print 3 labels, only printing first label needs to input variable value. When select “None” , no need to input variable value.





If you would like to set up more parameters, please click the icon “More”  to see completed setting items.

- **Character Number :**

Defines the maximum length of data that can be entered for this variable

- **Wrap Length :**

This item can be used with alignment to determine the location of variable data. If the text wrapping function of the variable is enabled, the width of the wrapping will be determined according to this parameter.

- **Alignment :**

With the length of the field, determine the position of the data. However, if the length of the data is larger than the length of the newline, it will be fixed to left-aligned

- **Intercept :**

Displays whether there is a intercept function for setting variables

- **Fill Zero :**

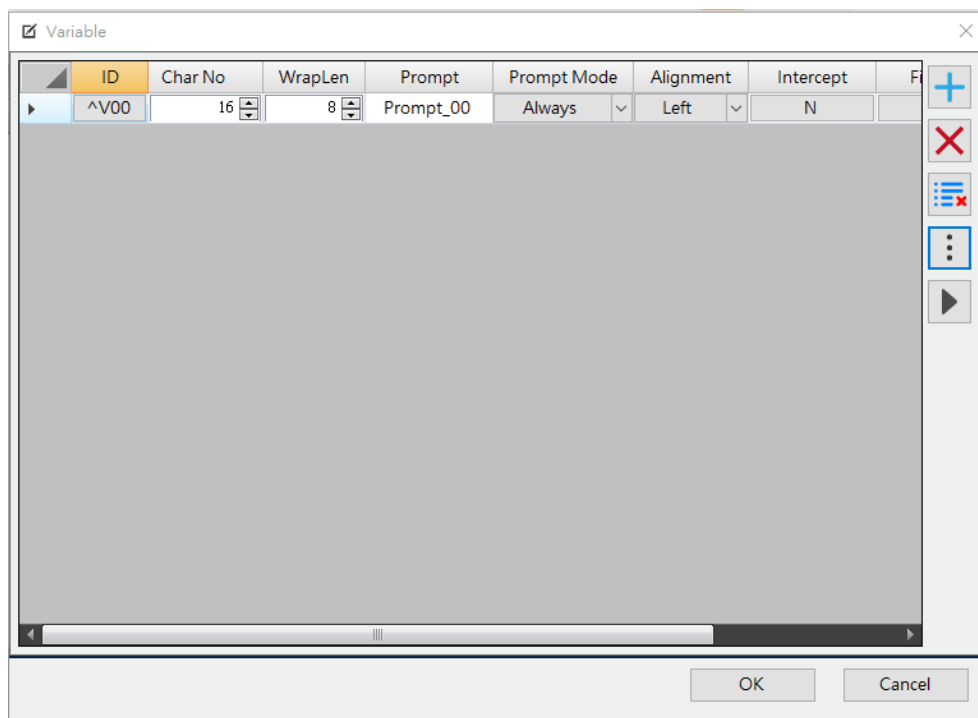
Displays whether there is a function of adding 0 in front of the set variable.

According to the setting of the maximum number of characters, if the length of the

variable data input by the user is insufficient, zeros will be automatically filled in front.

- **Float Format :**



Displays whether there is a floating format function for setting variables. When the variable data is numerical data, it is used to determine the number of decimal places and the rounding method.

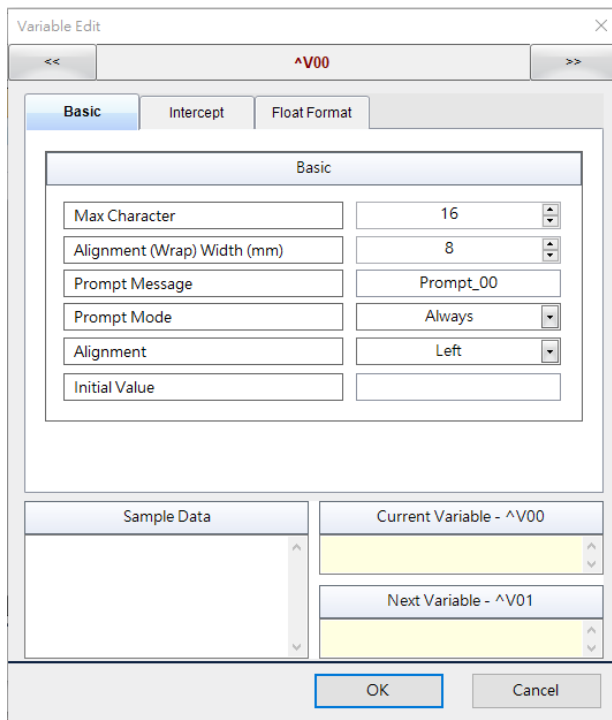


## 4.2.3 Create Variable (Advanced Setting)

When click on the column under ID, it will enter the setting window.

Variable								
	ID	Prompt	Prompt Mode	Alignment	Intercept	Fill Zero	Float Format	
	^V00	Prompt_00	Always	Left	N	N	N	
▶	^V01	Prompt_01	Always	Left	N	N	N	
	^V02	Prompt_02	Always	Left	N	N	N	

In the window you will see the variable name that you are working on showing on the center of top bar, when click the icon "Previous Variable"  and "Next Variable"  to switch other variabel setting page. In this window it includes "Basic" , " Intercept" , and "Float Format" setting pages and "Sample Data" input area on the bottom of the window.



- **Basic page :**

For more details, please refer to previous chapter explanation.

Basic	
Max Character	16
Alignment (Wrap) Width (mm)	8
Prompt Message	Prompt_00
Prompt Mode	Always
Alignment	Left
Initial Value	

- **Intercept page :**

Generally, when labels with variables are printed on a stand-alone mode, an external USB keyboard will be connected to the printer for input. If there are 2 variables that need to be input in the label, when the user prints, the operation flow is as follows:

- (1) Enter the value of the first variable through the keyboard, and then press the Enter button on the keyboard
- (2) Enter the value of the second variable through the keyboard, and then press the Enter button on the keyboard

The firmware of the printer is based on the Enter button of the keyboard (more precisely, according to the received 0x0D and 0x0A characters), to determine whether the variable value has been entered. In some cases (usually with a scale application), the user may wish not to judge whether the variable has been input based on the 0x0D and 0x0A characters, and this function is required at this time.

Intercept Mode	
<input checked="" type="radio"/> None	
<input type="radio"/> By Length	1
<input type="radio"/> By Ending String	

- **Float Format page :**

When the variable data is numerical data, it is used to determine the number of decimal places and the rounding method.

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Float Format	
<input type="checkbox"/> Enable	<input type="checkbox"/> Fill Zero
<input type="text" value="Decimal Point"/>	<input type="text" value="0"/>
<input type="text" value="Carry Mode"/>	<input type="text" value="N - Round Off"/>
<input type="checkbox"/> Use Thousand Format	
<input type="text" value="Thousand Character"/>	<input type="text" value=","/>
<input type="text" value="Decimal Character"/>	<input type="text" value="."/>
<input type="text" value="End Character"/>	<input type="text" value=""/>

## 4.2.4 Intercept Function

Normally this Intercept function works with scale application. If the format of the weight data that the scale sent is "STR1: 1111.11Kg", the following uses the methods of "by Length" and "by Ending String" to disassemble the weight of the scale.

Please kindly note that all data sent by the scale to the printer must be assigned to variables. If some data are not assigned to the variables during printing, the remaining data will be assigned to the first variable of the next sheet, which may cause an abnormality in the next print.

- **Analyze data by length :**

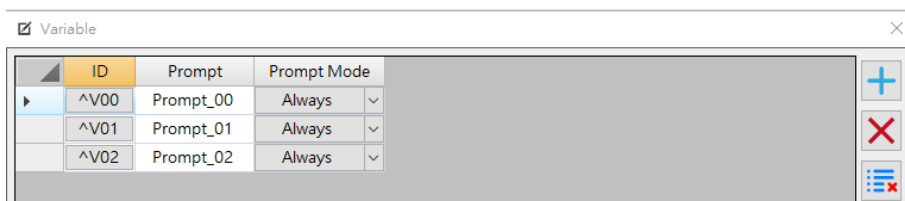
Take above as an example, if you want to get numerical data, you will first cut "STR1: 1111.11Kg" into 3 substrings:

Substring 1: "STR1: "

Substring 2: "1111.11"


Substring 3: "Kg"

Due to all data must be assigned to variables, we have to set up three variables to save the data. Afterward, click the icon ^V00 under ID field to enter Variable Edit window.

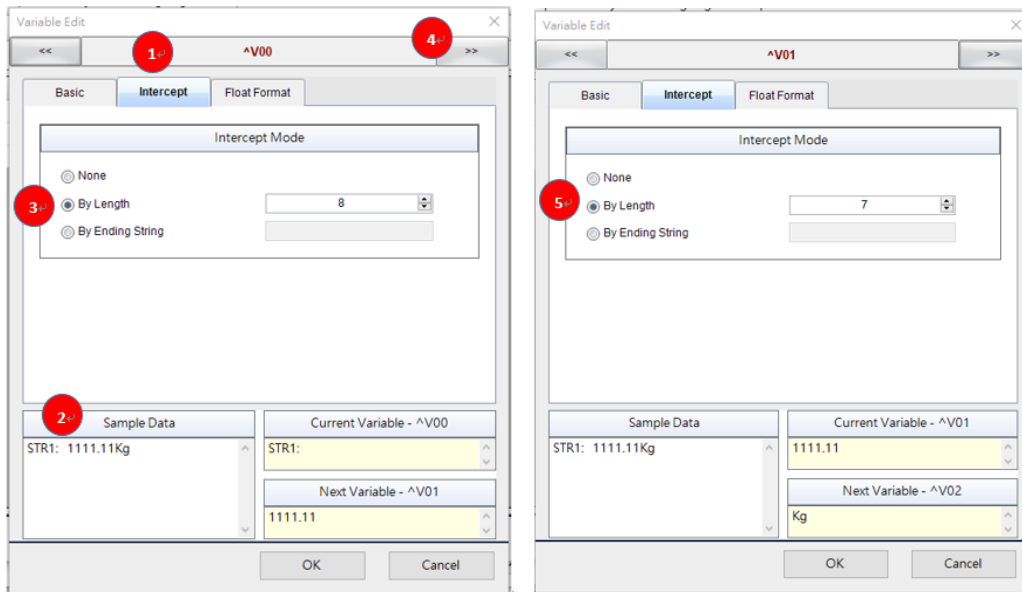


In Variable Edit window, follow steps shown below to operate:

- (1) Switch to "Intercept" page
- (2) Copy scale data to bottom "Sample Data" area
- (3) Under the Intercept Mode of variable ^V00 select "by Length" and set it to 8.  
To set the length to 8 because in the sample the length of substring 1 is 8. After setting up, you can see the result of the right bottom window. After this, ^V00 has "STR1: " and the rest data is "1111.11Kg" which will be assigned to next variable ^V01.

(4) After finish ^V00 setting, click the icon "Next Variable"  to set up next variable ^V01.

(5) Under the Intercept Mode of variable ^V01 select "by Length" and set it to 7. After it's done, you can see the result on the bottom right. The ^V01 has "1111.11" and the rest data "Kg" will be assigned to next variable ^V02.



So far, the analysis of the scale data has been completed. When printing, each variable will obtain the following data. If you want to print the value of the weight, just put the variable ^V01 in the object.

^V00 : "STR1: "

^V01 : "1111.11"

^V02 : "Kg"

## ● Analyze data by ending string :

Use the sample example, in the Variable Edit window, to set up according to following steps:


(1) Switch to Intercept page

(2) Copy scale data "STR1: 1111.11Kg to the bottom Sample Data area.

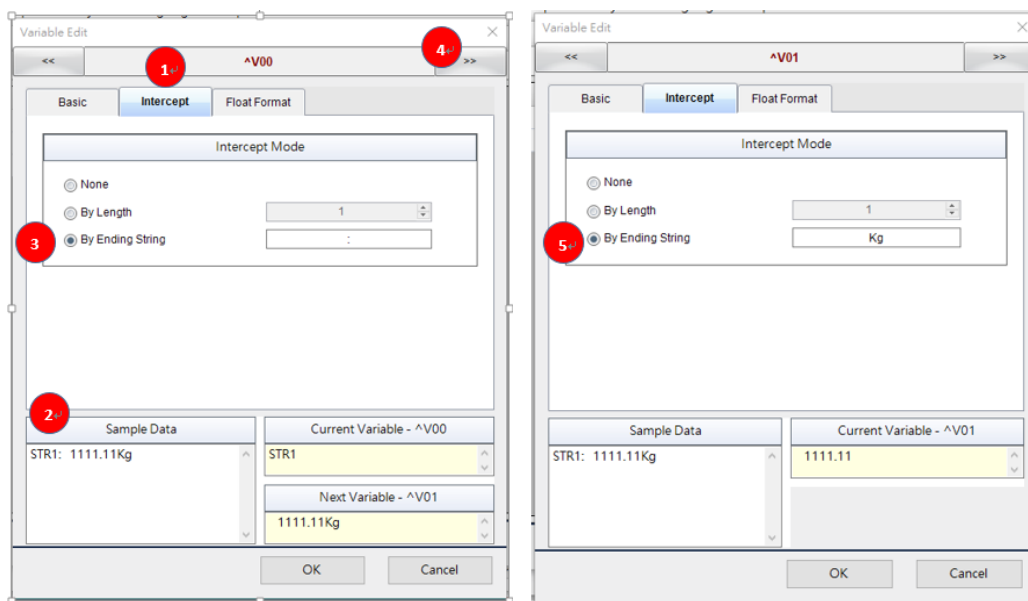
(3) In the "Intercept Method" of the variable ^V00 to select "by Ending String" and set it as ": " After it's done, you can see the result on the bottom right. The current variable ^V00 has STR1" and the rest data "1111.11Kg" will be assigned to next variable ^V01. The difference between "by Length" and "by



Ending String" is if the ending string is set to "1: " and the data will be cutting off. It won't be assigned to either ^V00 or ^V01.

(4) After ^V00 been set, click the icon "Next Variable"  to set next variable ^V01.

(5) Select "by Ending String" of the "Intercept Method" and set it to "Kg" . Then you can see the result on the bottom right. The ^V01 has "1111.11" . As for "Kg" is set as ending string so will be cutting off. It won't be assigned to next variable. In this case, no need to set another variable ^V02 to save the rest of the data.



So far, the analysis of the scale data has been completed. When printing, each variable will obtain the following data.

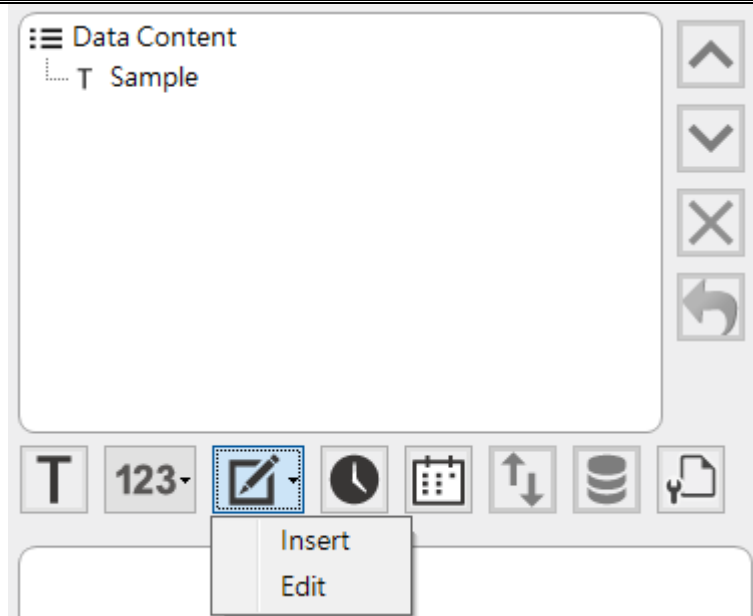
^V00 : "STR1: "

^V01 : "1111.11"

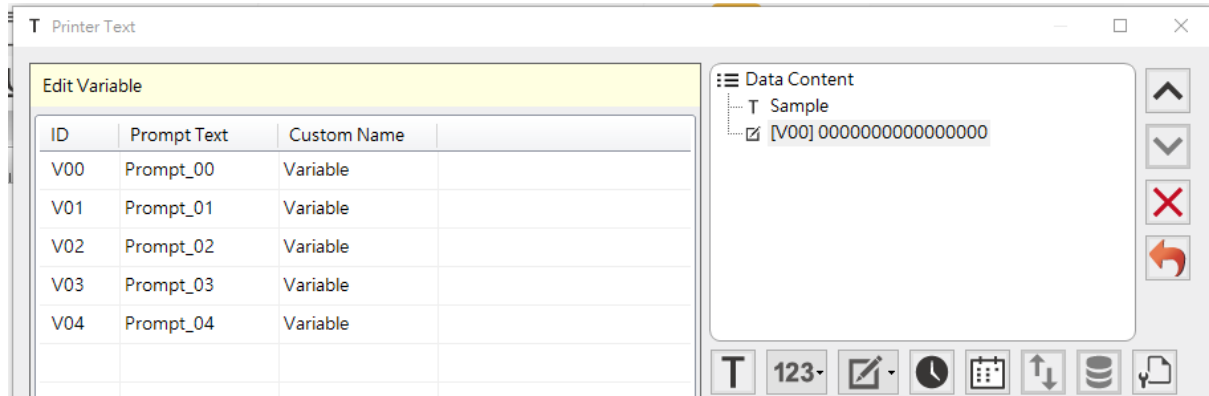
^V02 : "Kg"

### 4.2.5 Insert Variable


Click the icon "Variable" on the tool bar to drop down the list and click "Insert" to add variable to the object.



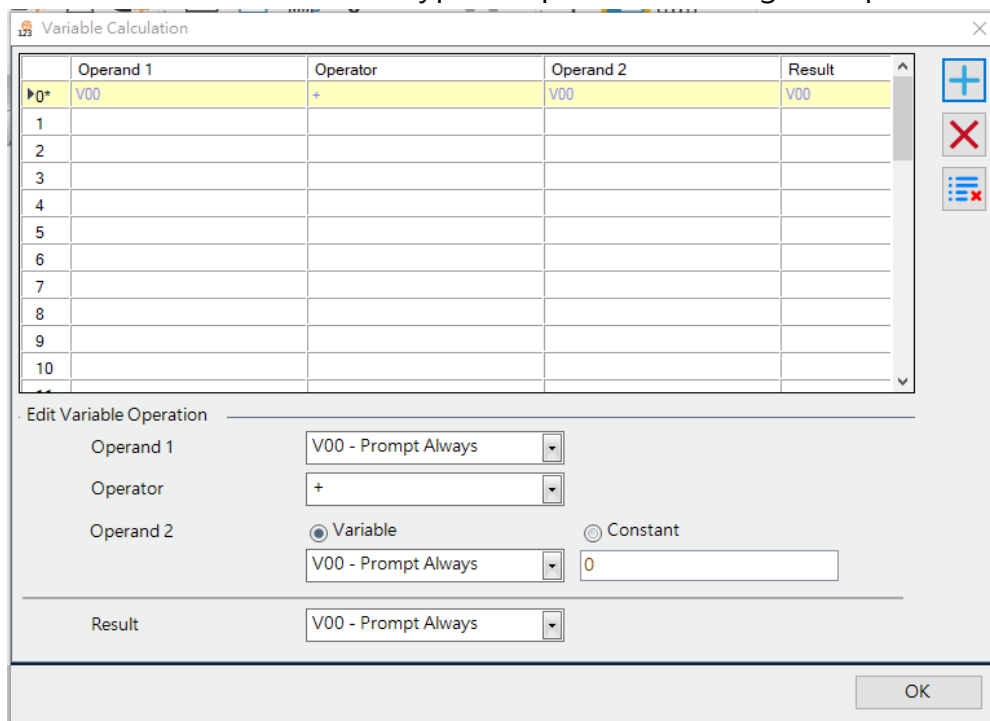
When click the node on the Data Content area, the left interface will show Edit Variable window. Users click on the variable with the left key of the mouse to switch the data to the selected variable.



## 4.3 Variable Calculation

Click the icon “Variable Calculation”  on the left tool bar to enter variable calculation setting window. If you want to take out the data of a variable for mathematical calculations, or get part of the content from a variable, you can use the variable calculation function to achieve this requirement. It is important to note that this feature will not be enabled when no variables are defined in the label.

The basic concept of variable calculation is to perform “Operand 1” and “Operand 2” numerical operation or string processing, and finally fill the calculation result in “Result variable”. Set the type of operation through “Operator”.



	Operand 1	Operator	Operand 2	Result
▶0*	V00	+	V00	V00
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				

Edit Variable Operation

Operand 1: V00 - Prompt Always

Operator: +

Operand 2: ☒ Variable ☐ Constant

Variable: V00 - Prompt Always

Constant: 0

Result: V00 - Prompt Always

OK

- **Operand 1 :**  
This field must specify a variable to represent the first data source in the expression.
- **Operator :**  
The Operator currently has following types

Operator	Function Description
+	Addition

-	Subtraction
*	Multiplication
/	Division
%	Remainder Calculation
<b>STRSUB</b>	Intercept part of "Operand 1" contents to the "Result"
<b>STRCUT</b>	Delete head and tail of "Operand 1" contents to the "Result"

- **Operand 2 :**

This field can specify a variable or constant to represent the second data source in the expression.

If the operator is the operator selected to process the string, the content of this field is the parameter setting of the string extraction.

- **Result :**

This field must specify a Variable. The calculation result of the variable operation is filled in this variable.

## 4.3.1 STRSUB

It can intercept data from a variable string by defining the start position and data length.

- **Start Position :**

The location from which to start intercepting data. When this parameter is 0, it means to extract from the first character, when this parameter is 1, it means to extract from the second character, and so on

- **Data Length :**

The length to be intercepted.

The screenshot shows a dialog box titled "Edit Variable Operation". It contains the following fields:

- Operand 1:** A dropdown menu showing "V00 - Prompt Always".
- Operator:** A dropdown menu showing "STRSUB".
- Start Position:** A text input field with the value "1".
- Data Length:** A text input field with the value "3".
- Result:** A dropdown menu showing "V01 - Prompt Always".

The above settings indicate that the data to be intercepted starts from the 2nd character of V00, and the length of the data to be intercepted is 3. When printing, if the value entered for V00 is ABCDEFGHIJK. The value printed by V01 is BCD.

### 4.3.2 STRCUT

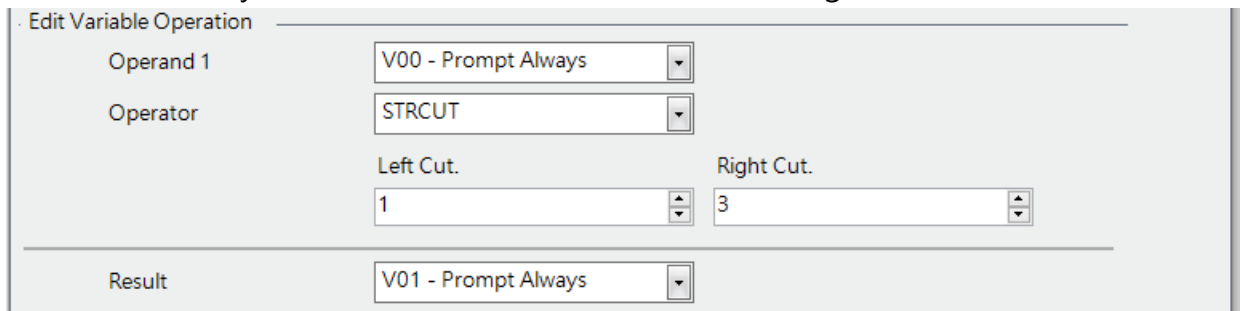
This function can obtain the data in the variable through the method of Delete the data before and after.

- **Left Cut :**

To set how many characters need to be delete on the left side.

- **Right Cut :**

To set how many characters need to be delete on the right side.




The screenshot shows a dialog box titled "Edit Variable Operation". It contains the following fields:

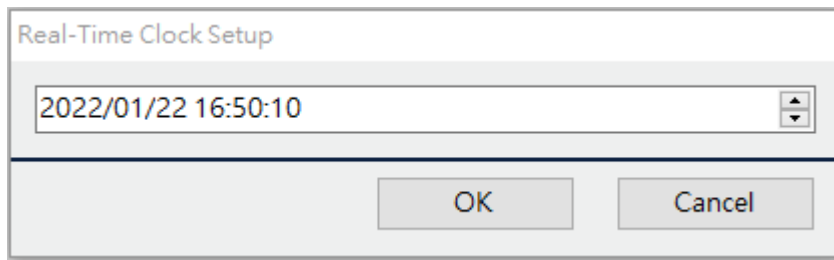
- Operand 1:** A dropdown menu showing "V00 - Prompt Always".
- Operator:** A dropdown menu showing "STRCUT".
- Left Cut.:** A numeric input field with the value "1".
- Right Cut.:** A numeric input field with the value "3".
- Result:** A dropdown menu showing "V01 - Prompt Always".

The above setting means to delete 1 character from the left side of V00 and 3 characters from the right side. When printing, if the value entered for V00 is ABCDEFGHIJK. The value printed by V01 is BCDEFGH.


## 4.4 Date Time Setting

### 4.4.1 Setting Date/Time to the RTC of printer

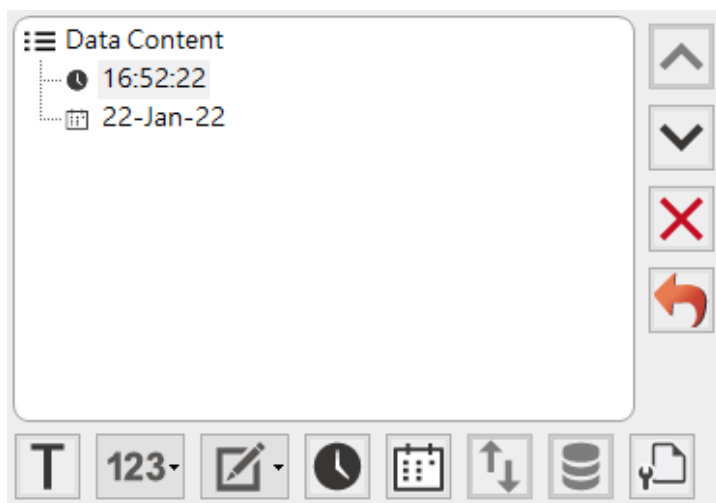
Click the icon “Real-Time Clock Setup”  on the top tool bar to show the setting window. After setting up, click “OK” to confirm the setting.



### 4.4.2 Insert Date / Time

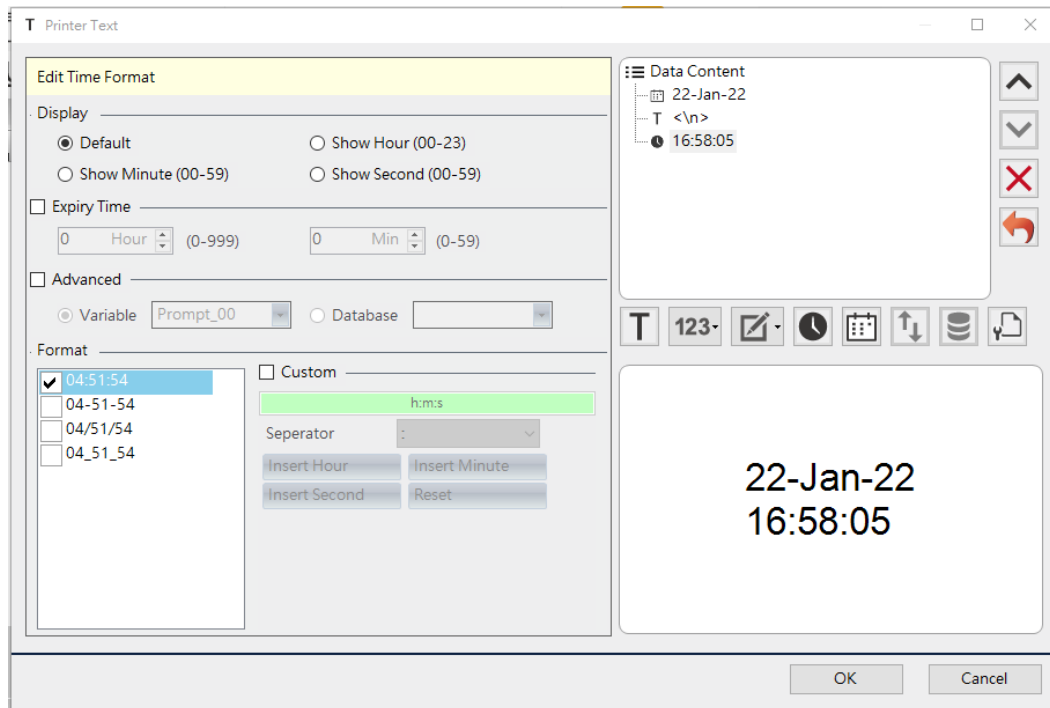
Click the icon “Insert Time”  on the right tool bar to insert time to the object.

Click the icon “Insert Date”  to insert date to the object.

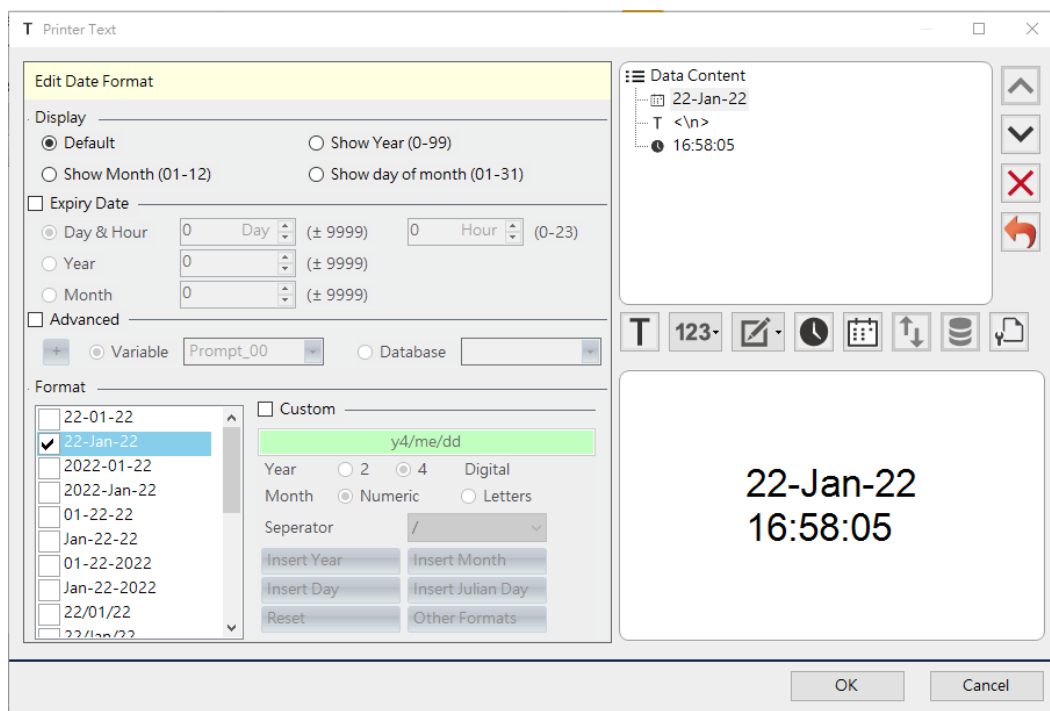


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Click the node for the time on the Data Content area, the left interface will show Edit Time Format window.



Click the node for the date on the Data Content area, the left interface will show Edit Date Format.



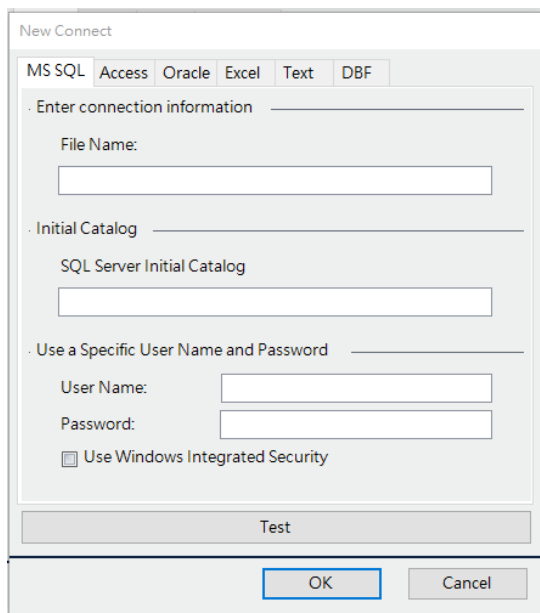


### 4.5 Database Setting

The function of database setting is to read the data in the database into the label file for printing.

#### 4.5.1 Database Linkage

Click the icon “Connect Database”  to enter database connecting window.

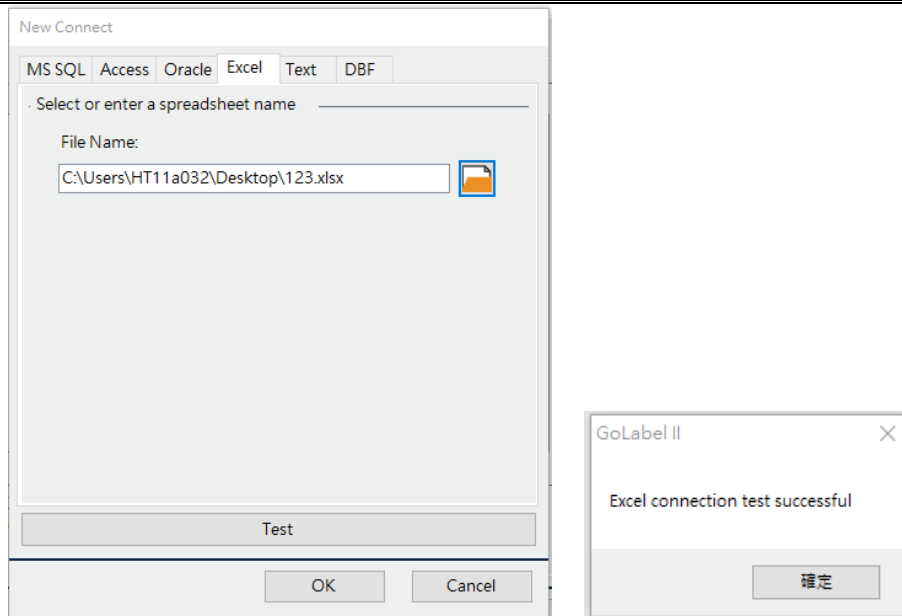


The "New Connect" dialog box is shown with the "MS SQL" tab selected. It contains the following fields and controls:

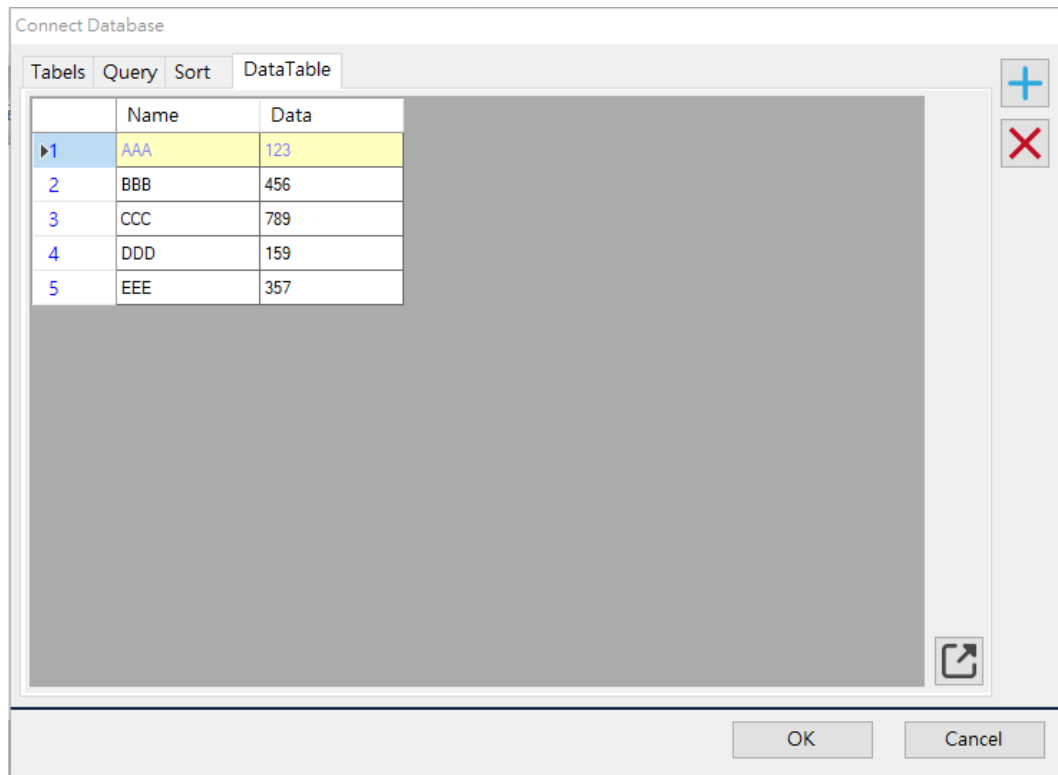
- MS SQL** | Access | Oracle | Excel | Text | DBF
- Enter connection information**
- File Name:** [Text input field]
- Initial Catalog**
- SQL Server Initial Catalog** [Text input field]
- Use a Specific User Name and Password**
- User Name:** [Text input field]
- Password:** [Text input field]
- ☐ Use Windows Integrated Security
- Test** button
- OK** button
- Cancel** button

Select the type of database connection to be established. For example: using Excel, select the path location of the file, click "Test Connection" to display whether the connection is successful, and then click "OK" to complete the database connection.


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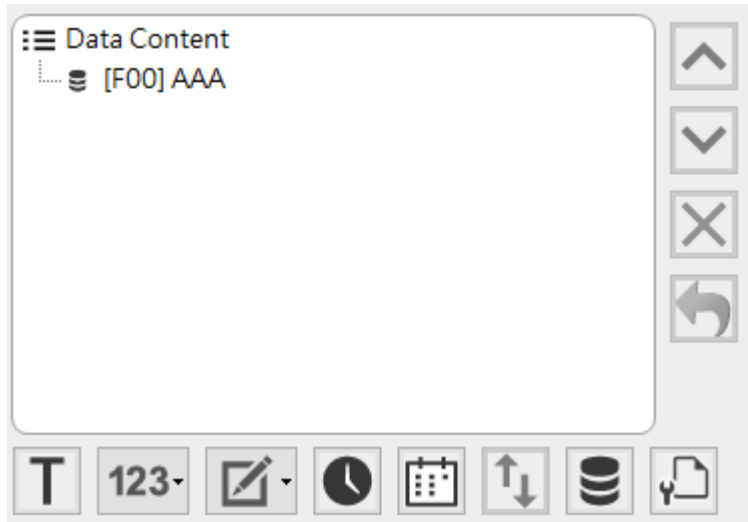


In the "Data Table" of the database window, you can see the contents of the files that have been connected. And the first column in the file belongs to the field name in the database.



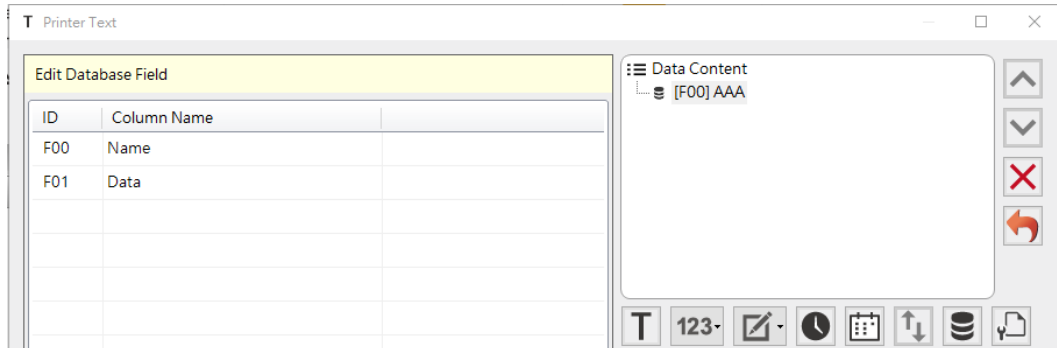
### 4.5.2 Select Database

Click the icon “Insert Database”  on the right tool bar to insert database field to the object.

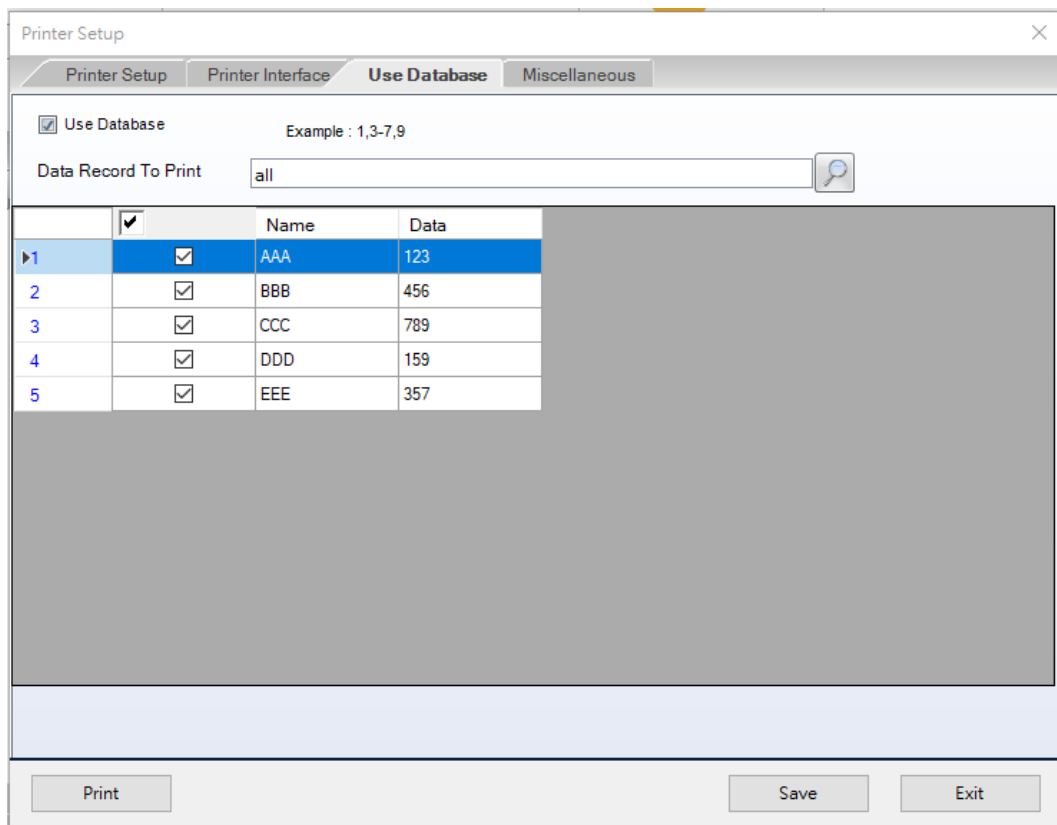


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Click the node of the database on the Data Content area, the left interface will show Edit Database Field window. User can click the left key of the mouse when on the field of the left list to switch the data to selected database data field.

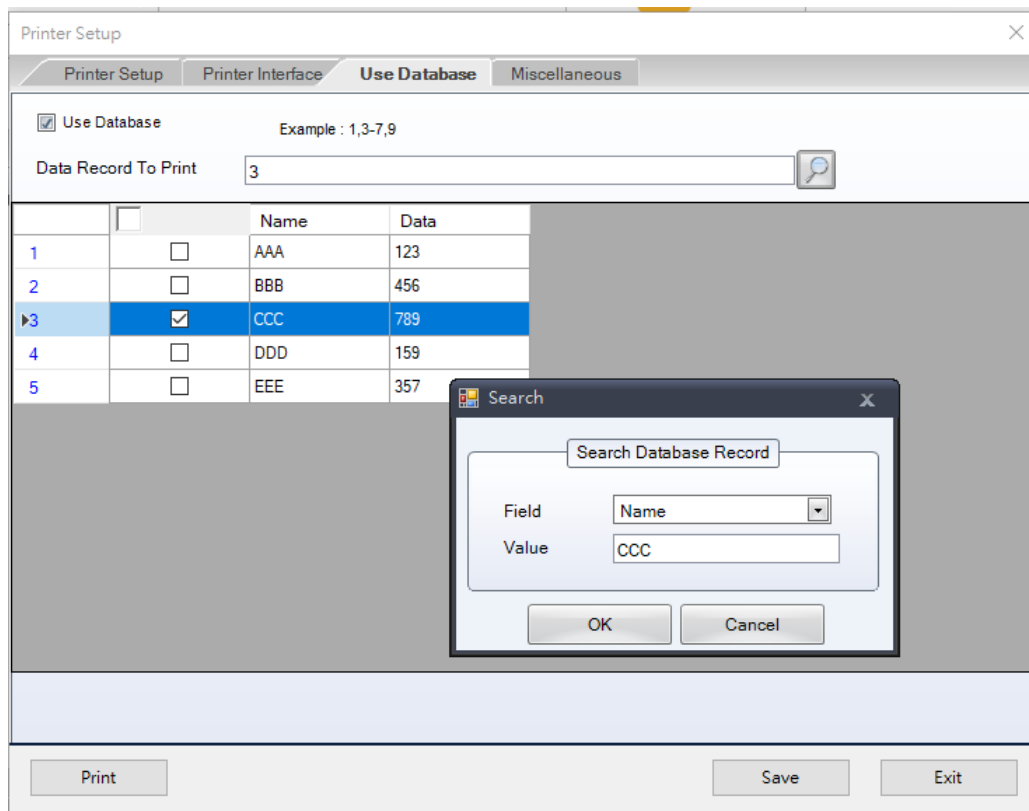


The label with database when printing, it will show Printer Setup window and switch to “Use database” page. Users can set the item to be printed and printing quantities for selected item.



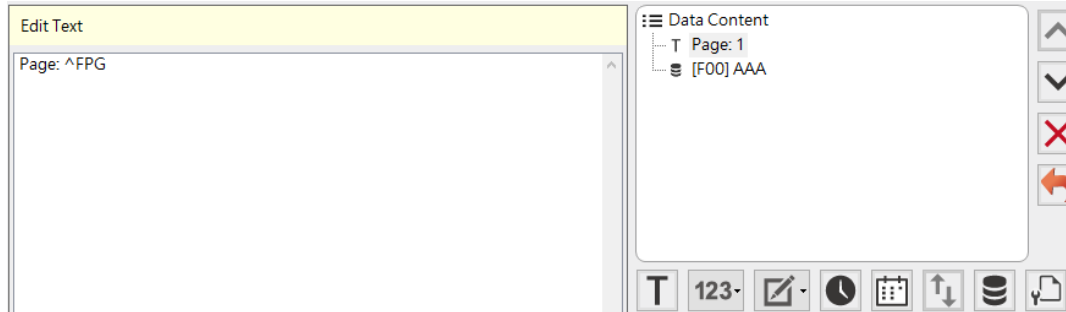
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Click the icon  on the top right to search certain data from current database. Click "OK" , the first data which comply this requirement will be selected.

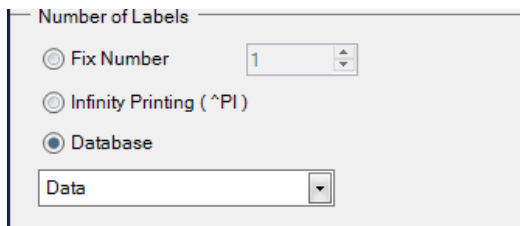


## 4.5.3 Print the page number of the database

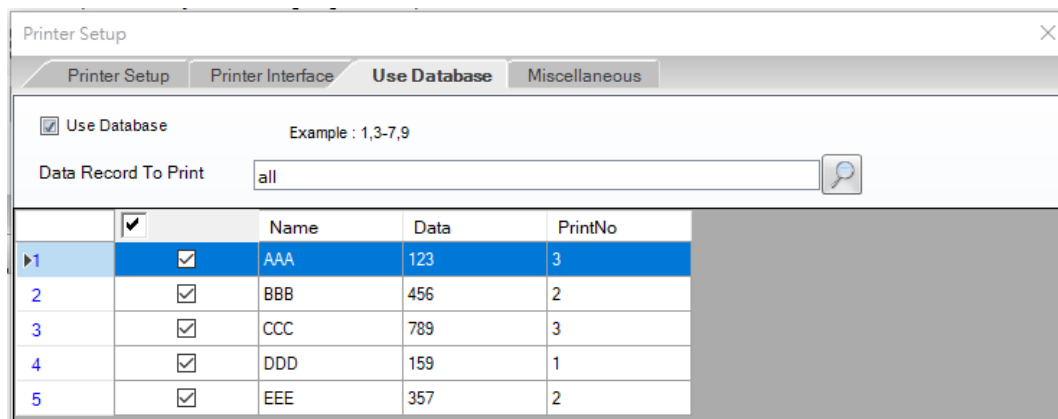
When the label is connected to "Database" , enter ^FPG in the Edit Text area as below.



And to set "Number of Labels" to "Database" correspondence column as below.  
( Print a different number of labels for each data)



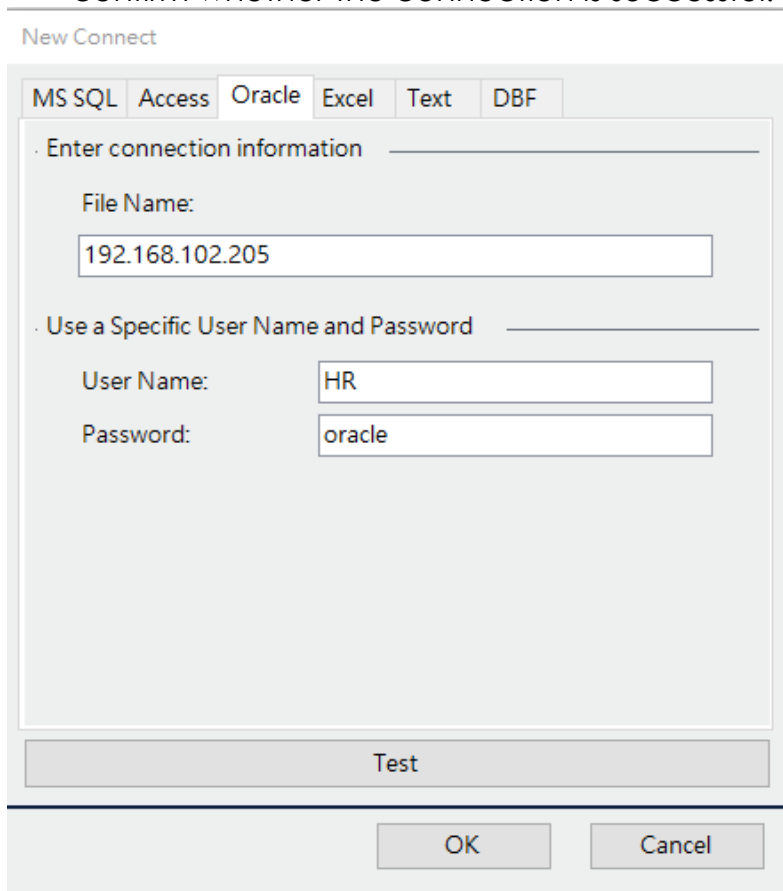
Take following image as an example : item 1 to print three labels, item 2 to print three labels, item 3 to print two lables, and the page number effect can be printed.



### 4.5.4 Oracle

Before uses Oracle Database Selection, need to download Oracle from [Oracle Data Access Components \(ODAC\) with Oracle Developer Tools for Visual Studio](#).

- After the installation is complete, open the database connection settings
- Enter the server IP Address in File Name. Ex: 192.168.xxx.xxx
- Enter the user name and password to connect to the server. Press “Test” to confirm whether the connection is successful.



The screenshot shows a 'New Connect' dialog box with tabs for MS SQL, Access, Oracle, Excel, Text, and DBF. The 'Oracle' tab is selected. The dialog is divided into two sections: 'Enter connection information' and 'Use a Specific User Name and Password'. In the first section, the 'File Name' field contains '192.168.102.205'. In the second section, the 'User Name' field contains 'HR' and the 'Password' field contains 'oracle'. A 'Test' button is located below the input fields. At the bottom of the dialog are 'OK' and 'Cancel' buttons.

### 4.5.5 SQL Server

- Open the database connection settings and select SQL
- Enter the server IP Address in File Name. EX: 192.168.xxx.xxx
- Enter the name of the database to be connected in SQL initial directory.
- Enter the user name and password to connect to the server. Press “Test” to confirm whether the connection is successful.

The screenshot shows a 'New Connect' dialog box with the 'MS SQL' tab selected. The dialog is divided into three sections: 'Enter connection information', 'Initial Catalog', and 'Use a Specific User Name and Password'. In the 'Enter connection information' section, the 'File Name' field contains '192.168.102.205'. In the 'Initial Catalog' section, the 'SQL Server Initial Catalog' field contains 'Test'. In the 'Use a Specific User Name and Password' section, the 'User Name' field contains 'Tester' and the 'Password' field contains '123456'. There is an unchecked checkbox for 'Use Windows Integrated Security'. A 'Test' button is located below the input fields. At the bottom of the dialog are 'OK' and 'Cancel' buttons.

New Connect	
MS SQL   Access   Oracle   Excel   Text   DBF	
Enter connection information	
File Name:	192.168.102.205
Initial Catalog	
SQL Server Initial Catalog	Test
Use a Specific User Name and Password	
User Name:	Tester
Password:	123456
<input type="checkbox"/> Use Windows Integrated Security	
Test	
OK	Cancel



## 4.5.6 Text

- **Text Name :**

A file that is named .txt or .CSV

- **Verbatim Mode :**

If the file data (as shown below) are separated by commas and contain double quotation marks " as below.

```
No,Data1,Data2,Data3
1,111,222",333
2,444,"555",666
3,777,"888,999
```

When "Verbatim mode" is not checked, double quotation marks cannot be retrieved by default because double quotation marks are special characters in the text file. The data is shown as follows:

Printer Setup

Printer Setup Printer Interface **Use Database** Miscellaneous

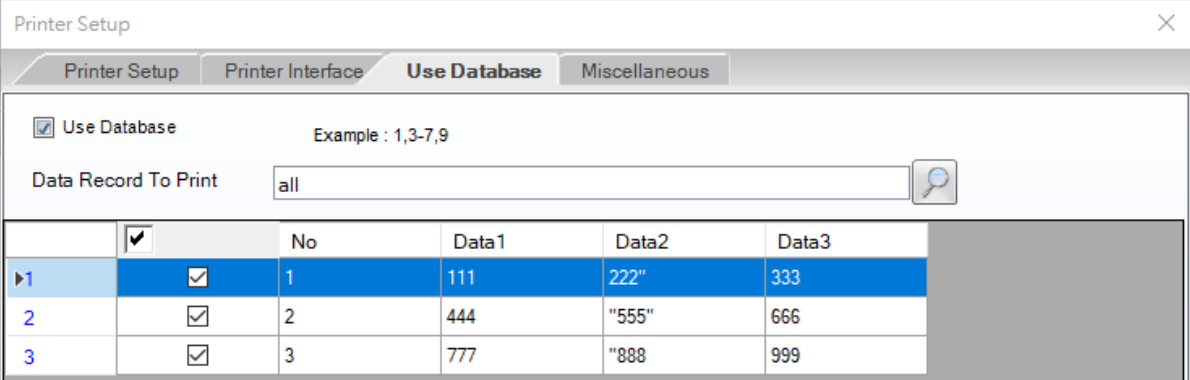
☒ Use Database Example : 1,3-7,9

Data Record To Print all

	<input checked="" type="checkbox"/>	No	Data1	Data2	Data3
▶1	<input checked="" type="checkbox"/>	1	111	222	333
2	<input checked="" type="checkbox"/>	2	444	555	666
3	<input checked="" type="checkbox"/>	3	777		

When "Verbatim Mode" is checked, the program will cut the data according to the delimiter in the Option, and the characters other than the delimiter will be captured verbatim and presented faithfully. The data is shown as follows:

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Printer Setup

Printer Setup   Printer Interface   **Use Database**   Miscellaneous

☒ Use Database   Example : 1,3-7,9

Data Record To Print   all

	<input checked="" type="checkbox"/>	No	Data1	Data2	Data3
▶1	<input checked="" type="checkbox"/>	1	111	222"	333
2	<input checked="" type="checkbox"/>	2	444	"555"	666
3	<input checked="" type="checkbox"/>	3	777	"888	999

- **CodePage :**

The software will automatically obtain the Code Page code of the system environment. Users can also select the Code Page code that matches the file through the drop-down list.

- **Delimiter :**

The default option is comma. If the user creates a file with a semicolon or blank as a separator, he must select the corresponding separator from the drop-down list.


## GoLabel II User Manual

New Connect

MS SQL Access Oracle Excel **Text** DBF

Select the name of the text file \_\_\_\_\_

Text Name:

C:\Users\HT11a032\Desktop\12345.txt 

Option \_\_\_\_\_

☐ Verbatim Mode

CodePage:

950 Chinese Traditional (Big5) ▼

Delimiter:


Comma ▼

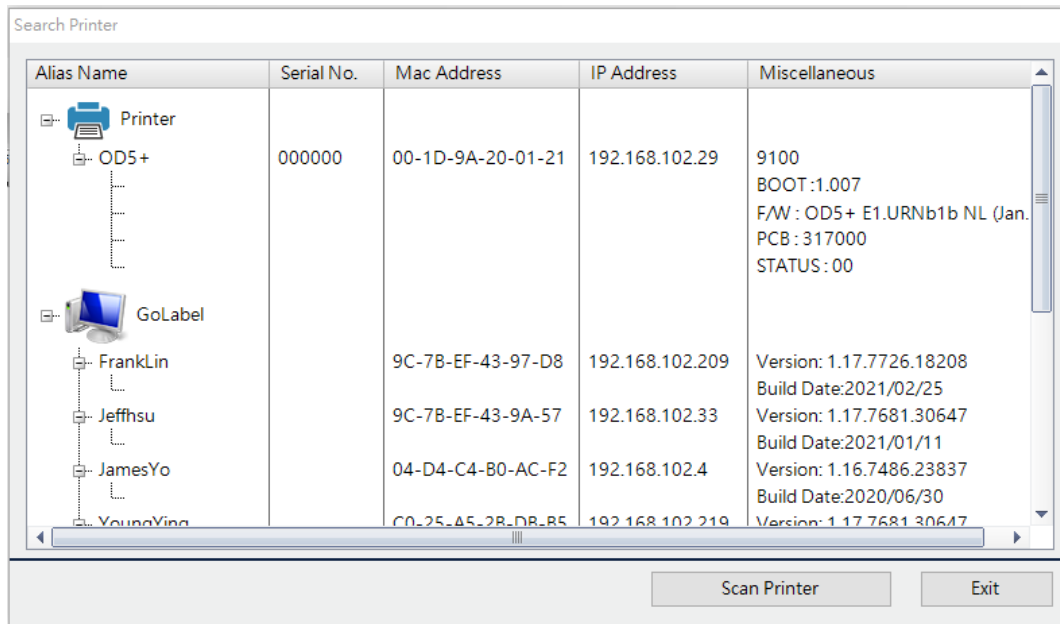
Test


OK Cancel

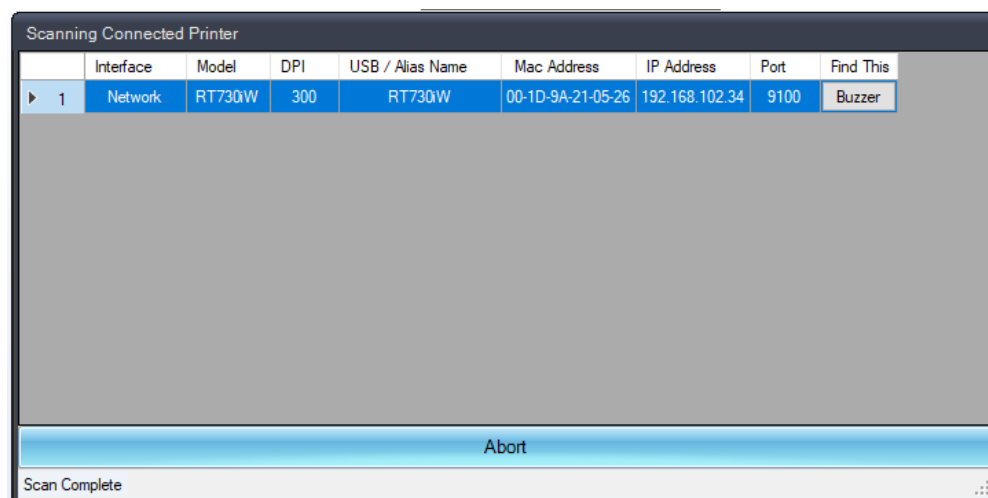
## 4.6 Print with LAN Port

### 4.6.1 Search Printer

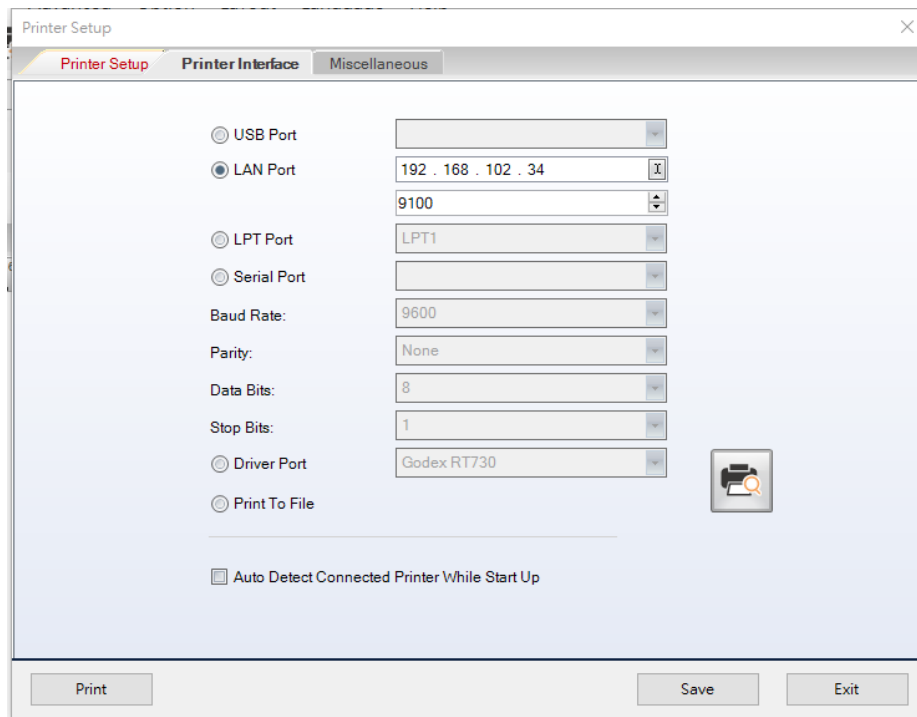
Click the icon “Search Printer”  on the tool bar and you can search the printer devices that be connected in the local area network.



Another method is to click the icon “Printer Setup”  on the tool bar and switch to “Printer Interface” page and click the icon “Seach Godex Printer” to seach for printers currently connected to the computer.



Confirm that the label print output interface selects LAN Port, and click "OK" to complete the connection



### 4.6.2 Setting IP Address

Click the icon "IP Setting"



on the tool bar to set up the printer to get the IP from DHCP server or Static IP.

## GoLabel II User Manual

IP Setting

Alias Name:   
Length(1~16)

Port No:

☒ Get IP From DHCP Server  
☐ Static IP

Default Gateway:

IP Address:


Subnet Mask:

DNS IP:

DNS Name:   
Length(1~30)

OK Cancel

### 4.6.3 SNMP/SMTP Parameter Setting

Click the icon "Set Alarm Parameters"  to set the printer alert function

- SMTP Alert Message Notification Enable

SMTP is the abbreviation of Simple Mail Transfer Protocol, which is a standard for transmitting e-mail on the Internet. The user can set the email information for the printer. When the printer has an error, the firmware in the printer can actively send the error content by email, so that the printer management personnel can quickly handling issues.

- ◆ Login Account : The sender's account on the mail server
- ◆ Login Password : The sender's password on the mail server
- ◆ Server IP Address Or URL : The sender's mail server
- ◆ Mail Subject : Subject of the mail
- ◆ Mail From Address : The sender' s email address
- ◆ Mail to Address : The recipient' s email address
- ◆ Duration Cycle : means hours

It needs to be used with Event Counter as below. If Duration Cycle is 1 and Event Counter is 3, it means that if there are 3 errors within 1 hour, a letter will be sent to notify

- ◆ Event Counter : means several times

## GoLabel II User Manual

Set Alarm Parameters

☒ SMTP Alert Message Notification Enable

Login Account:	<input type="text" value="default"/>	Length(1~64)
Login Password:	<input type="password" value="*****"/>	Length(1~16)
Server IP Address or URL:	<input type="text" value="203 . 69 . 82 . 11"/> <input type="button" value="X"/>	Length(1~60)
Mail Subject:	<input type="text" value="Barcode printer message"/>	Length(1~60)
Mail From Address:	<input type="text" value="default@default.com"/>	Length(1~32)
Mail To Address:	<input type="text" value="default@default.com"/>	Length(1~32)
Duration Cycle:	<input type="text" value="1"/> <input type="button" value="▲"/> <input type="button" value="▼"/>	0~168 Hours
Event Counter:	<input type="text" value="5"/> <input type="button" value="▲"/> <input type="button" value="▼"/>	1~100

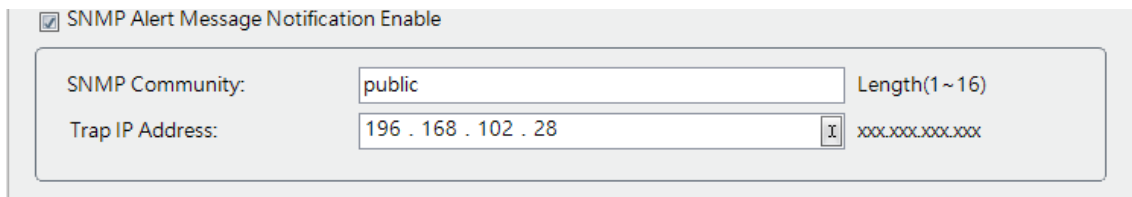


- SNMP Alert Message Notification Enable

SNMP is the abbreviation of Simple Network Management Protocol, which is a communication protocol for managing network devices. The SNMP in the printer is the function of the client side. When the printer has an error, the firmware in the printer can actively send SNMP messages to the SNMP Server. Users must set up the SNMP Server by themselves before collecting data through this setting.

- ◆ SNMP Community : SNMP group name

- ◆ Trap IP Address : SNMP Server's IP



The screenshot shows a settings window titled "SNMP Alert Message Notification Enable" with a checked checkbox. Below the title is a form with two fields: "SNMP Community:" with a text input containing "public" and a label "Length(1~16)", and "Trap IP Address:" with a text input containing "196 . 168 . 102 . 28" and a label "xxx.xxx.xxx.xxx". There is a small icon next to the IP address input.

### 4.6.4 Set Alert Message

Click the icon "Set Alert Message"



on the tool bar to set up what errors need to send out alert message.

## GoLabel II User Manual

Set Alert Message

SMTP	SNMP	Error ID	Description
<input type="checkbox"/> Enable	<input checked="" type="checkbox"/> Enable	Error 01	Paper Out
<input type="checkbox"/> Enable	<input checked="" type="checkbox"/> Enable	Error 02	Paper Jam
<input type="checkbox"/> Enable	<input checked="" type="checkbox"/> Enable	Error 03	Ribbon Out
<input type="checkbox"/> Enable	<input checked="" type="checkbox"/> Enable	Error 04	Door Open
<input type="checkbox"/> Enable	<input checked="" type="checkbox"/> Enable	Error 05	Stripper Error
<input type="checkbox"/> Enable	<input checked="" type="checkbox"/> Enable	Error 06	Memory Full
<input type="checkbox"/> Enable	<input checked="" type="checkbox"/> Enable	Error 07	Filename No Found
<input type="checkbox"/> Enable	<input checked="" type="checkbox"/> Enable	Error 08	Filename Repeat
<input type="checkbox"/> Enable	<input checked="" type="checkbox"/> Enable	Error 09	Syntax Error
<input type="checkbox"/> Enable	<input checked="" type="checkbox"/> Enable	Error 10	Data Length Error

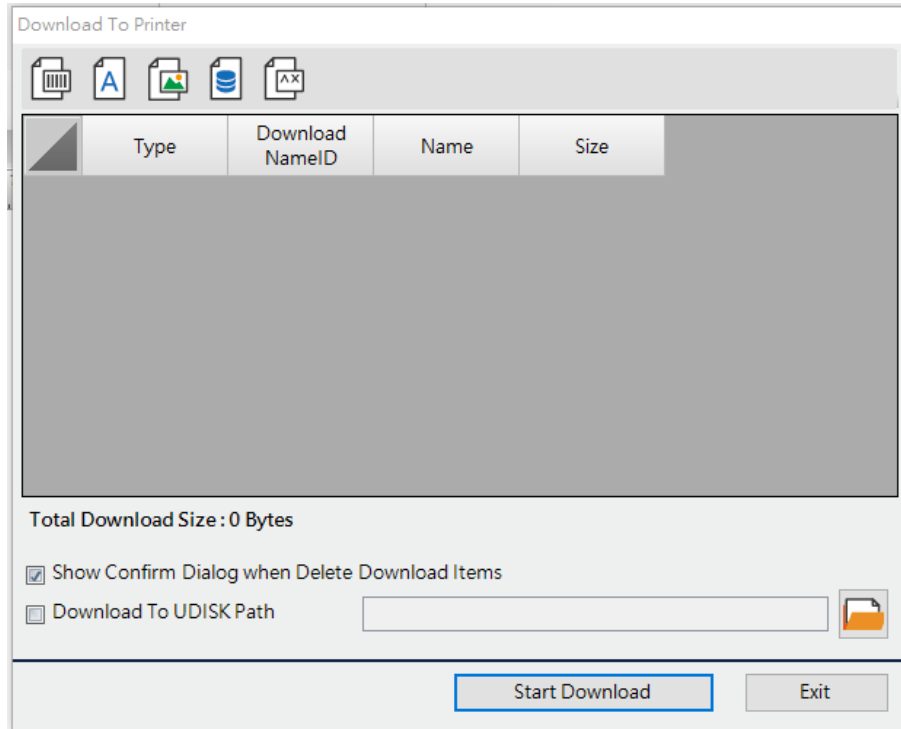
OK Cancel

### 4.7 Download Object to Printer

Click the icon “Download to Printer”



on the tool bar and the setting page will show up.



#### 4.7.1 Download Font

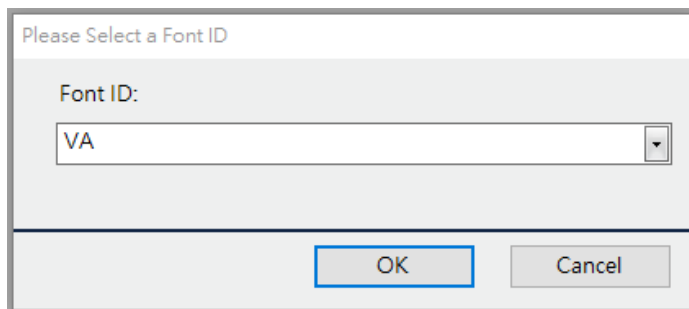
Click the icon “Font”




to enter font setting page.

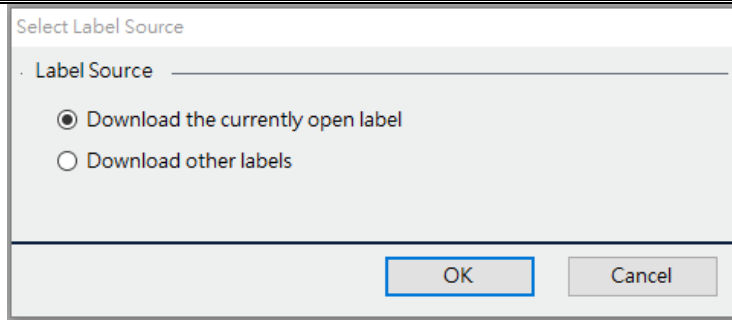


After selecting the supported alphanumeric type and style, click "OK". In the "Please Select a Font ID" window, select the code number. A total of 26 fonts (from VA to VZ) can be downloaded.



## 4.7.2 Download Format

Click the icon  "Format" to enter Select Label Source window to choose the currently opened label file or other existing label files to download to the printer. The file name can only be alphanumeric.



### 4.7.3 Other downloadable objects

Click on the icon "Graphics" , "DBF, CSV, and "Cmd file" to download the files to download to the printer.

### 4.8 Printer Control

In the drop down list of the icon “Printer Control” , you can set related parameters of printer control.

#### 4.8.1 Display Memory

- Print Format List : Print the label list of printer memory
- Print Graphic List : Print the graphic list of printer memory
- Print Font List : Print the alphanumeric list of printer memory
- All Names (Label, Graphic, Font) and Available Space : Print the label, graphic, Asian font, alphanumeric font, and TTF list of printer memory
- Asian Font Name and Available Space : Print the Asian font list of the printer memory

#### 4.8.2 Print Heas Test

According to the label Width in the current printer, the grid pattern will be printed out, so as to verify whether there are any dead pixels or abnormalities in the print head.

#### 4.8.3 Restart Printer

Restart the printer.

#### 4.8.4 Print Printer Settings

The printout includes “Printer Model” , “Firmware Version” , “USB Serial Number” , “RS232 Communication Parameters” , “Network Communication Parameters” , “Memory Usage Overview” , “Print Basic Parameters” , “Paper Edge Sensor Mode” and other information.

### 4.8.5 Print Previous Printed Label

The temporary memory of the printer will record the content of the last printed label after the machine is turned on. Through this function, the printer can print the last printed label.

### 4.8.6 Paper Forward

Set the length to move the paper in the printer in the printing direction.

### 4.8.7 Paper Backward

Set the length to move the paper in the printer in the opposite direction of printing.

### 4.8.8 Buzzer

Set the buzzer on or off. If the buzzer function is activated, the printer will sound a warning sound when the file is downloaded or an error occurs.

### 4.8.9 Switch the Memory

- Switch to Flash : printer built-in memory
- Switch to Extended Memory : If you insert a flash drive into the printer, the flash drive is the extended memory of the printer.

When inserting a USB flash drive into the printer, the printer memory will be automatically switched to the extended memory (USB flash drive), and the user can also manually switch the memory through this function.

### 4.8.10 Auto Sensing

This function will continuously detect the transmittance and reflectivity of the paper through the sensor in the printer during the paper feeding process, and finally calculate the most suitable sensor parameters for detecting the edge of the paper. After the

automatic calibration is completed, the Paper Length of Gap Label or Black Mark Label will also be calculated. It is recommended that users perform an automatic correction when switching between different paper materials to obtain better edge detection effects.

### 4.8.11 Linerless Mode Control

When a model that supports Linerless is selected in the “Printer Settings” window, this item will be displayed in the function list.

On (TYPE 1): Pull back 67% after cutting, pull back 33% after printing

On (TYPE 2): Do not pull back after cutting, and pull back after printing

Off : Turn off Linerless mode control

### 4.8.12 LCD Prompt Mode after Recall Label

This function can be used to set the page to return to after Recall Label printing is executed through the LCD panel of the printer. There are three options.

Return to Input Number of Labels:

Return to Input Variables:

Return to Select Label:

### 4.8.13 Text Wrapping by Variables

When this feature is turned on, the printed text will wrap according to the definition in the variable.

### 4.8.14 Barcode Aligning by Variables

When this feature is turned on, the barcode will be aligned according to the definition in



the variable when printing.

### **4.8.15 Double Cut**

When the printer is installed with cutter and enable this function, each print will do double cutting.

### **4.8.16 Rotate Label**

This function can switch the rotation direction of labels when printing

### **4.8.17 Set up Autosensing**

This function can set up under which condition printer needs to do autosensing. There are four options.

None

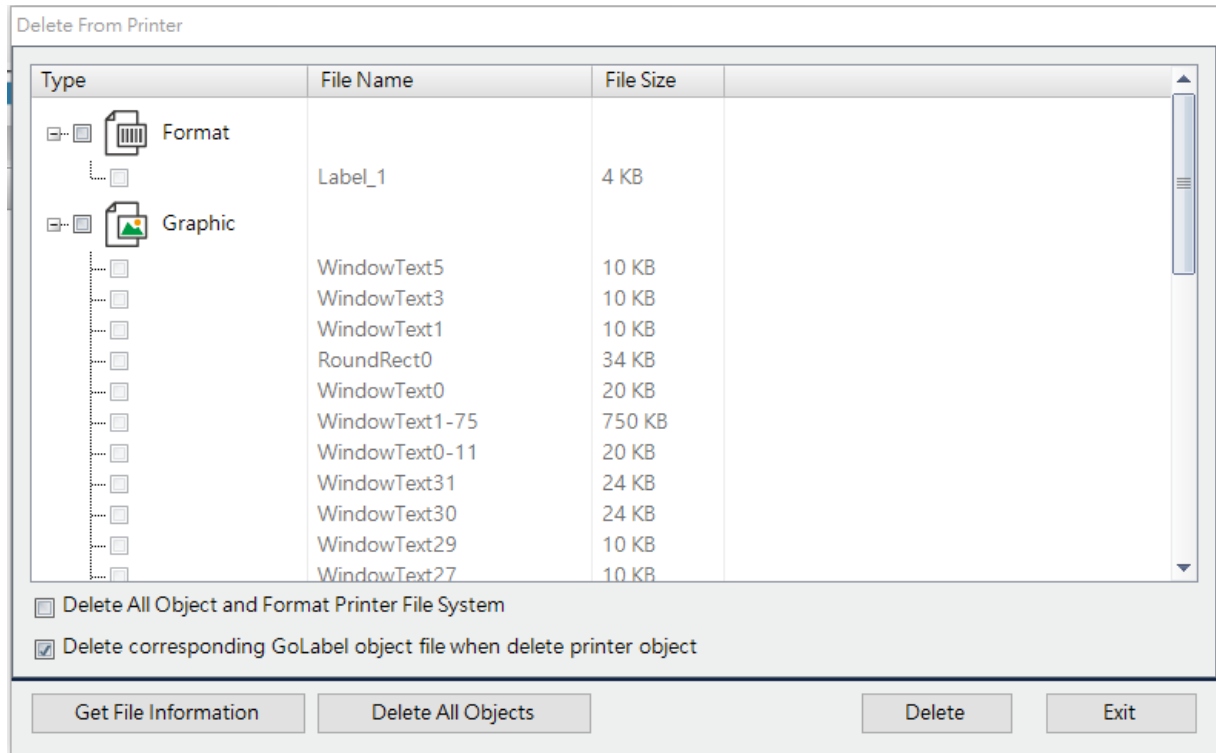
When the printer is turned on

When the printer cover is closed

When the printer is turned on or printer cover is closed

## 4.9 Delete Object from Printer

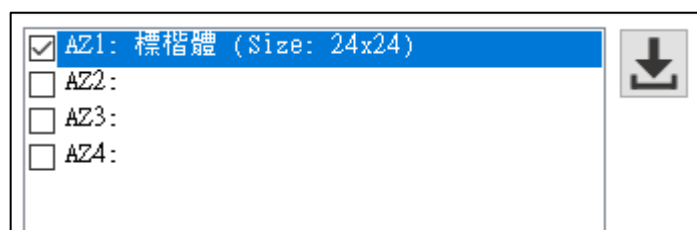
Click the icon “Delete from Printer”  on the tool bar to enter the window as below. It will show the objects that have been downloaded to the printer.



- Delete: click on the file you would like to delete, then click the icon “Delete” to clear the file from printer memory.
- Delete All Objects :

When the user downloads the file to the printer through GoLabel II, the software will record and provide the user to choose to apply.

For example, when downloading Asian fonts, the software will record in the drop-down list of fonts to be applied for the user to choose.



When pressing "Delete All Objects" , the downloaded records in the software will be deleted, but the contents of the printer's memory will not be deleted.



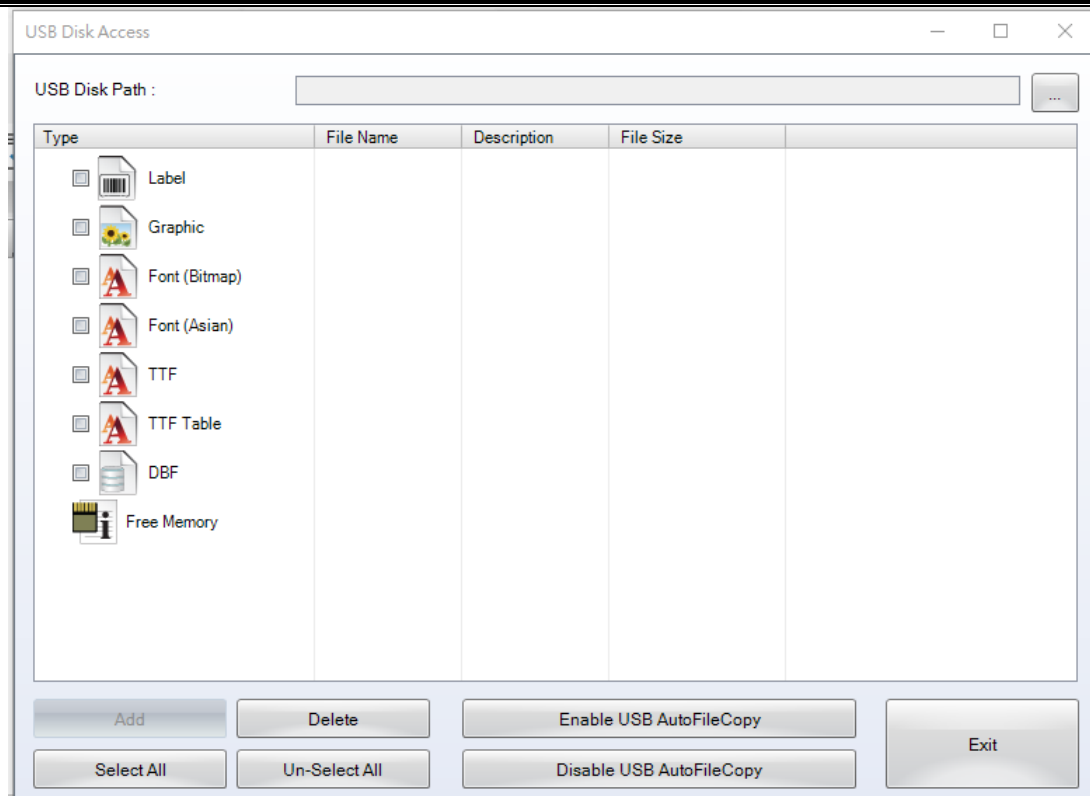
### 4.10 USB disk file access function

The user can download the label file, image file and font file to the USB flash drive through the software. Plug the USB flash drive into a printer that supports USB Host, and the memory of the printer will automatically switch to the extended memory, and you can do stand-alone printing. Or when a USB flash drive is plugged in, all files are loaded into the internal memory of the printer and then ejected from the USB flash drive, and it can also be used for stand-alone printing.

#### 4.10.1 USB disk access method

In the editing and design area, right-click and select "USB Disk Access" to display the USB disk access window and the USB disk path.

## GoLabel II User Manual



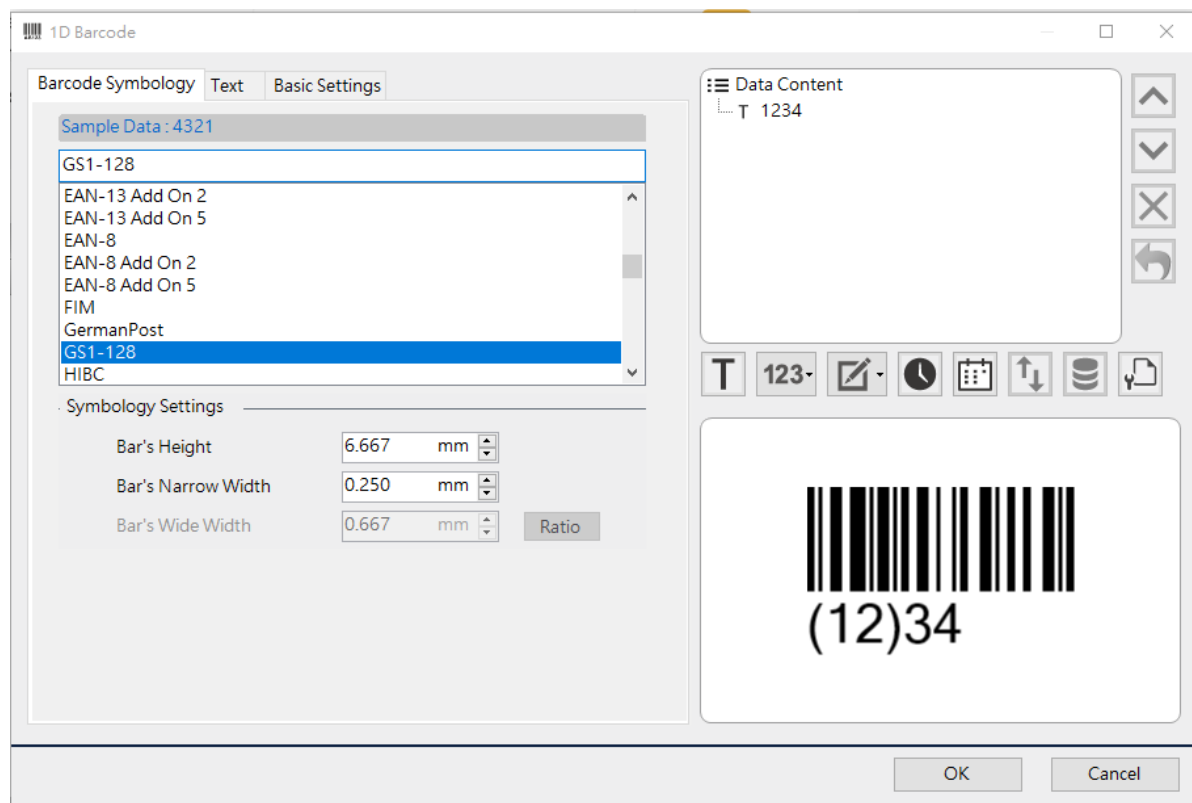
- Check the file type and click "Add" to the files selected.
- USB的AutoFileCopy功能USB AutoFileCopy function : After pugging in the USB disk to the printer, it will automatically download all files from the USB disk to the printer memory.
- A new folder, LABELDIR, will be added to the USB disk. After entering, there will be folders of various types of files to store files.

## 4.11 Barcode Application


### 4.11.1 About Application Identifiers, AI

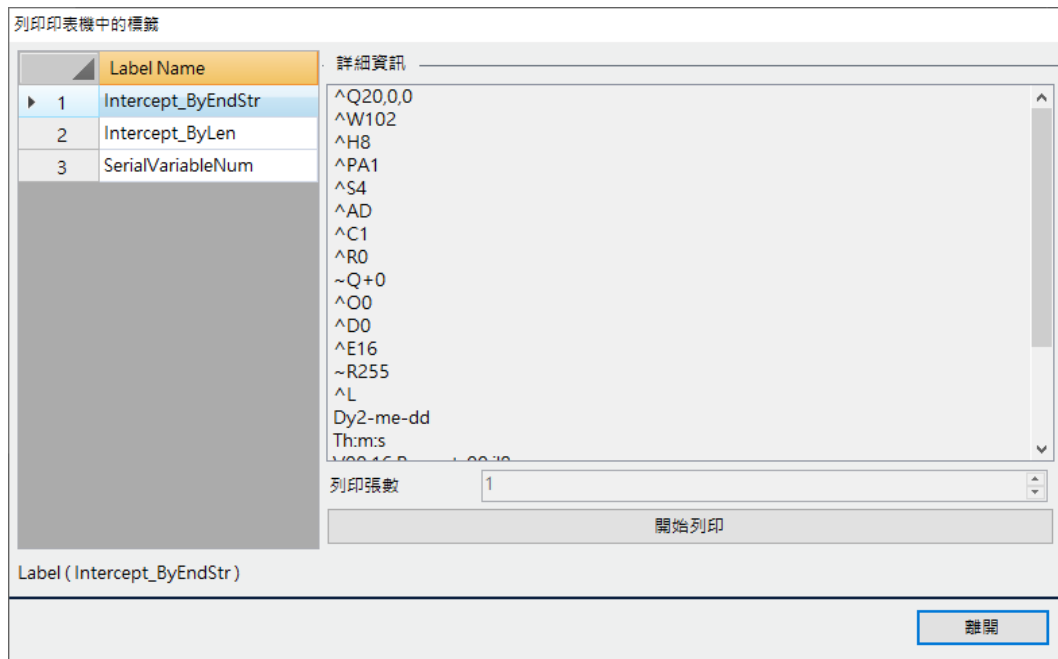
The application identifier system (AI) of GS1-128 barcode is supported, and the data composition of the application identifier system is defined by the first half of the 2 to 4-digit data identifier to define the number meaning and format of the content of the latter part of the data. For example, (11) in the AI system is defined to represent the production date, and its format is n2+n6, n2 refers to the data identification code (11) composed of two digits, and n6 refers to the date composed of 6 digits format (YYMMDD). The application identifier system standardizes a series of data identifiers with similar functions and data composition. To obtain complete application identifier information, please refer to the relevant standard definitions.

The user enters the EAN128 barcode data content in line with the AI application identification code specification, and the software automatically displays the code text as the display format of the AI application identification code. For example, enter "11090227" in the data input field. Since the input data format conforms to the format of n2+n6 of "(11) Date of manufacture" in the AI system, the displayed content in the barcode text will be automatically converted to "(11)090227".




## 4.12 Recall Label

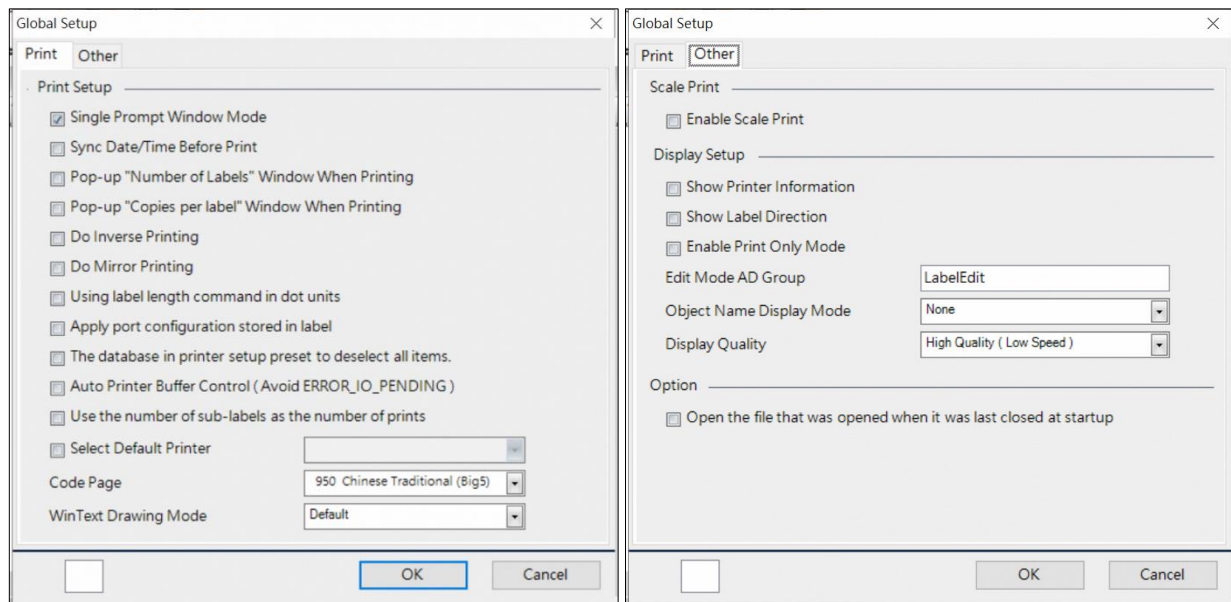
Click the icon “Recall Label”  on the tool bar to open the recall label window. This function can list the labels existing in the printer, and view the command content in each label. When pressing the “Print” button, you can print the files in the printer remotely.



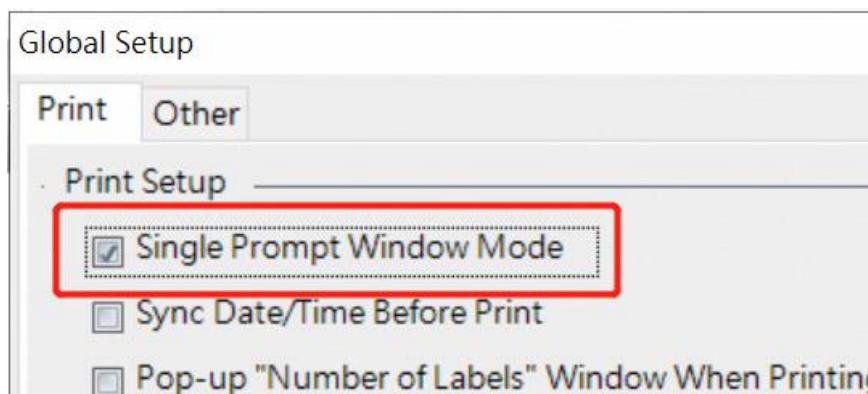
## 5. Other Functions

### 5.1 Software Settings

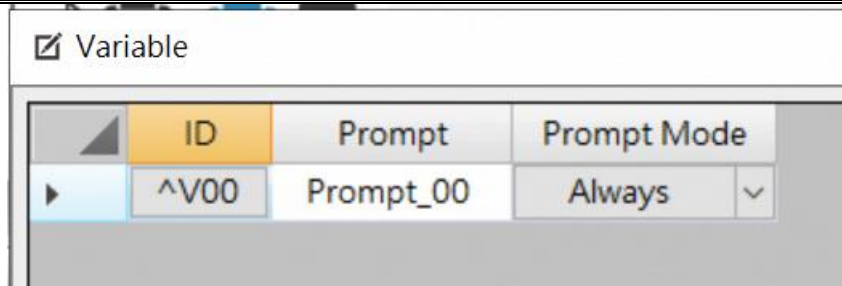
Click the  icon in the tool bar on the right side to show the [Program Setting] window.



#### 5.1.1 Allowing all the variables and serial number display on same window.

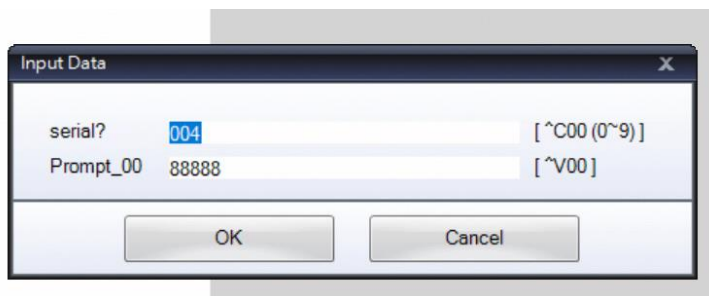


123 Serial					
	Starting Value	Increment/Decrement	Step	Prompt for value before print	Radix
0*	003	+	1	serial?	Decimal (0~9)
1					
2					

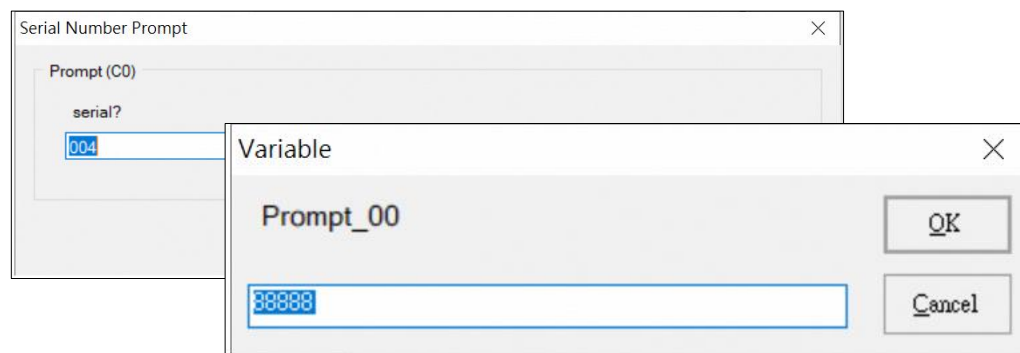


For example, the label patten has set both serial and variable as shown above.

If the "Single Prompt Window Mode" selection is checked, both serial and variable will be displayed in the same prompt window.

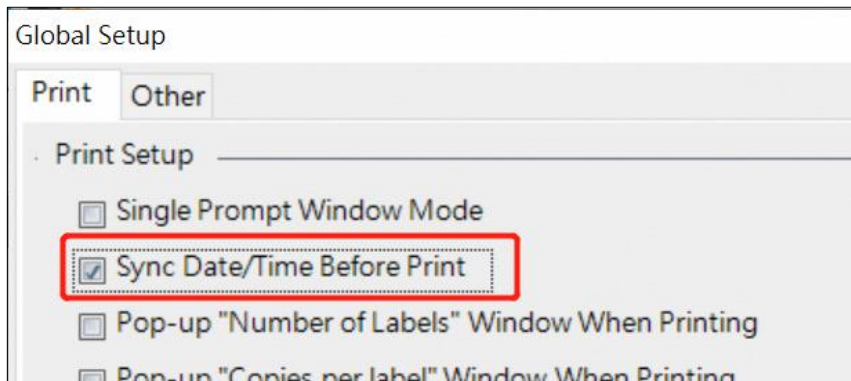


If the "Single Prompt Window Mode" selection is NOT checked, two prompt windows will pop out in order.



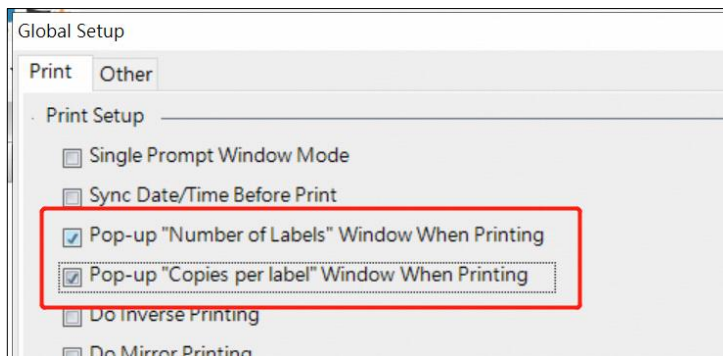


### 5.1.2 Set the PC' s time into Printer before every print job.

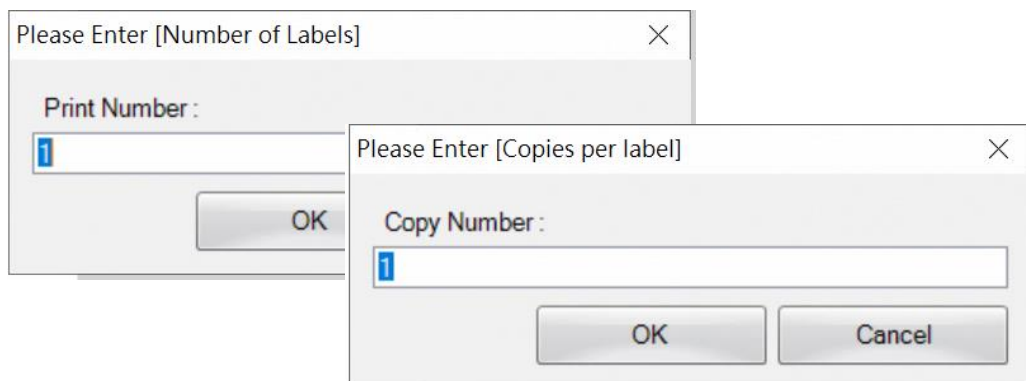


Due to some models of printer does not have RTC chip, therefore, when this selection is checked, GoLabel II will automatically set the PC' s time into printer before every print job, which allows the printer to print the actual date and time.

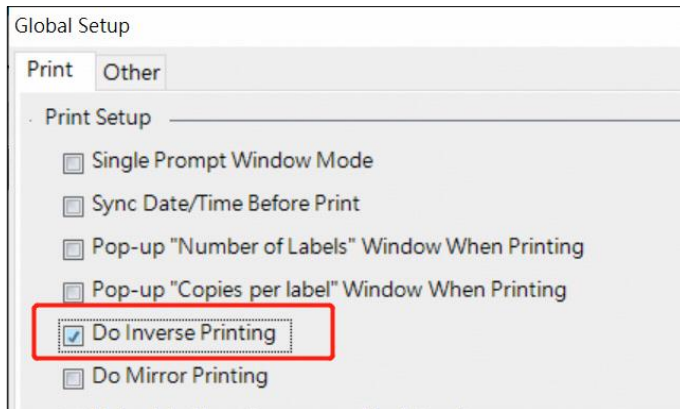
### 5.1.3 Pop-up the “Number of Labels” window for user to edit before printing



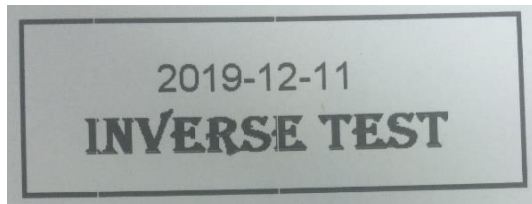
When either these two options are checked, the user can adjust the “Print Number” or “Number of copies” before every print job.



### 5.1.4 Reverse the printing color (Black and White)



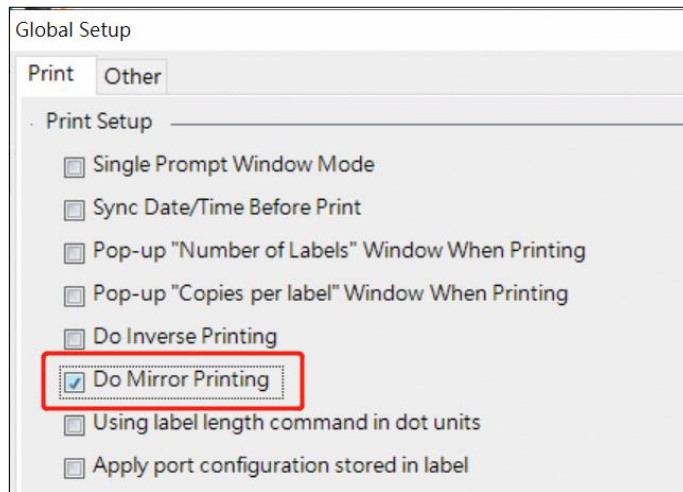
"Original printing pattern"



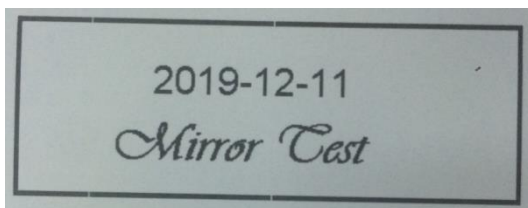
"Inverse Printing Pattern" after the option is checked.



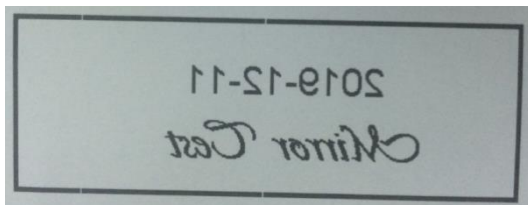
## 5.1.5 Mirror Printing



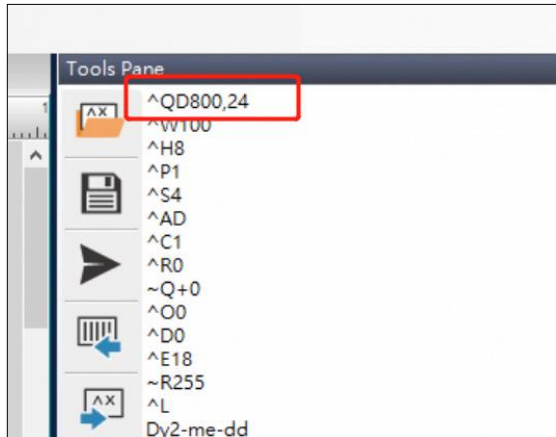
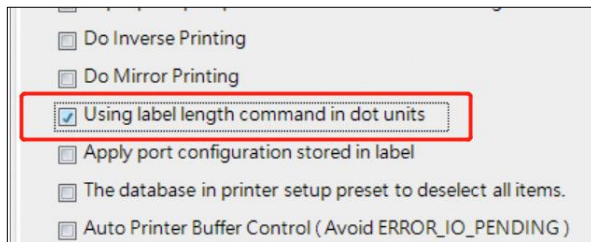
"Original printing pattern"



"Mirror Printing pattern" after the option is checked.

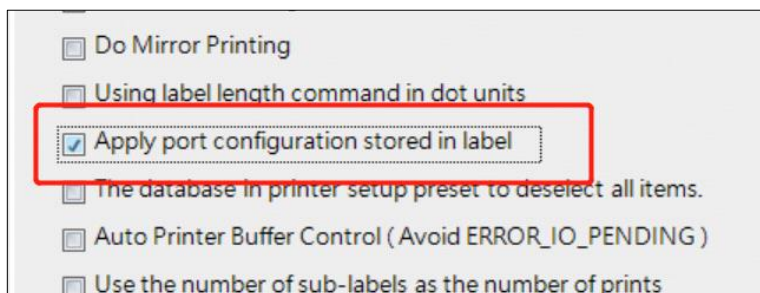


### 5.1.6 Calculate the [Label Length] in Dot units.



[Label Length] is using mm units as default in EZPL command. If this selection is picked, the units will be calculated in Dot and send to the printer. This function is useful for small label printing application when adjusting the position of objects.

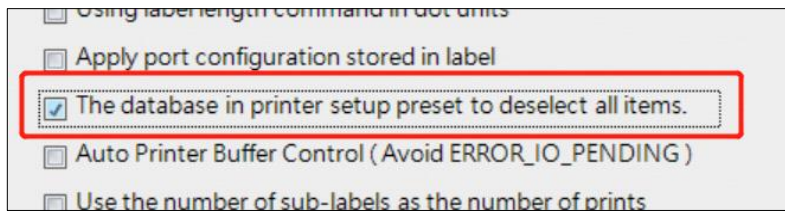
### 5.1.7 Save the port configuration in label file



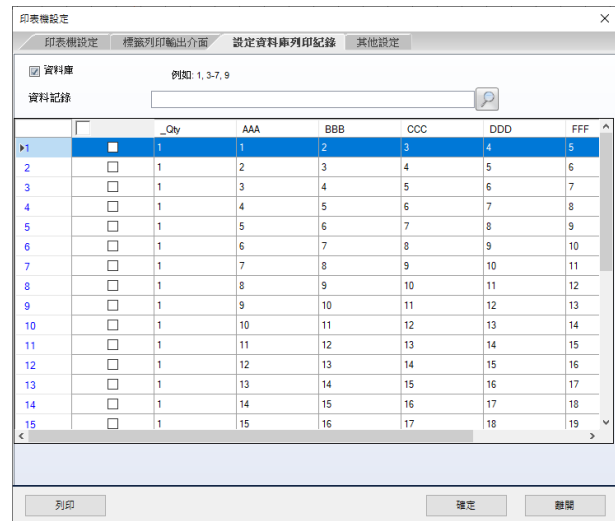
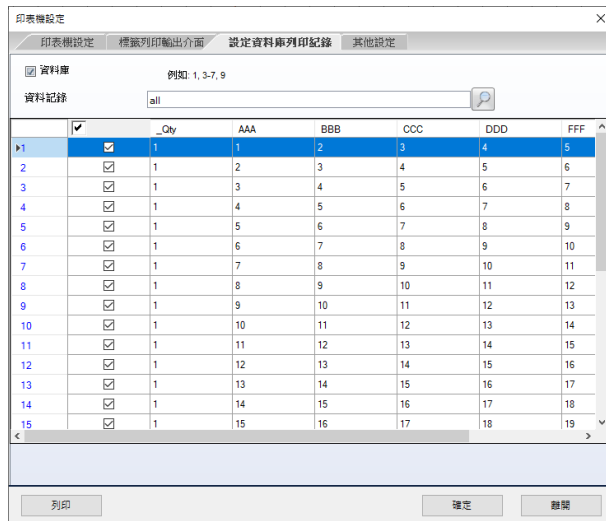
There are different connection methods between GoLabel and printer, the GoLabel file can save the port configuration (USB, Serial, Ethernet etc.) after this function is checked.

This allows the user to switch the GoLabel files and no need to selecting the port again.

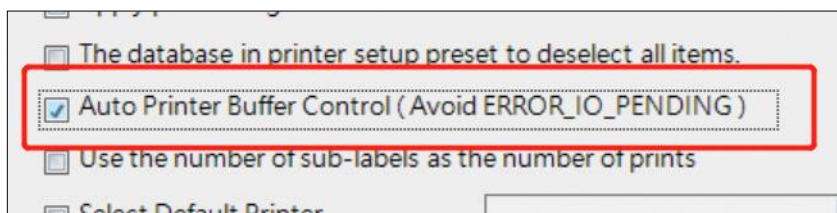
### 5.1.8 Database selection setting in [Printer Setup]



When there is database connected to GoLabel, all the data will be selected inside the [Printer Setup] as default. If this function is checked, the default will change to [Do not select any data].



### 5.1.9 Automatically adjust the printer buffer (to avoid ERROR\_IO\_PENDING error)



The [memory buffer] of the printer for printing is limited. When the amount of printed data is much greater than the release speed of the memory buffer, the printer cannot receive any more data. We call this condition: Buffer Full.

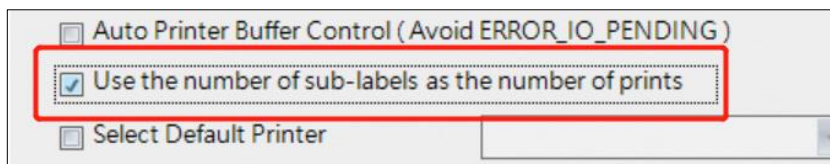
When the software encounters Buffer Full while printing, it will display

[ERROR\_IO\_PENDING error].

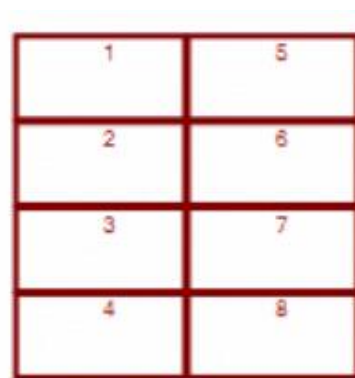
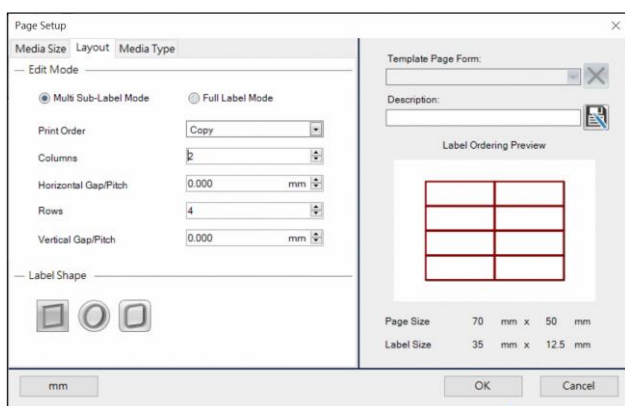
In normal situation, the speed for the software to transmit data will be much faster than the printing speed. This [Auto Printer Buffer Control] will automatically adjust the software' s [Data Transmission Speed] according to the current set [Printing Speed] in order to reduce the occurrence of ERROR\_IO\_PENDING errors.

However, in some cases, this feature cannot reduce the error. For example, when using the Linerless Printer (e.g., DT4L), if the label hasn' t been removed, the printer won' t print out the next label. Although the software has slowed down the transmission speed, the printer buffer has not released at all due untaken label.

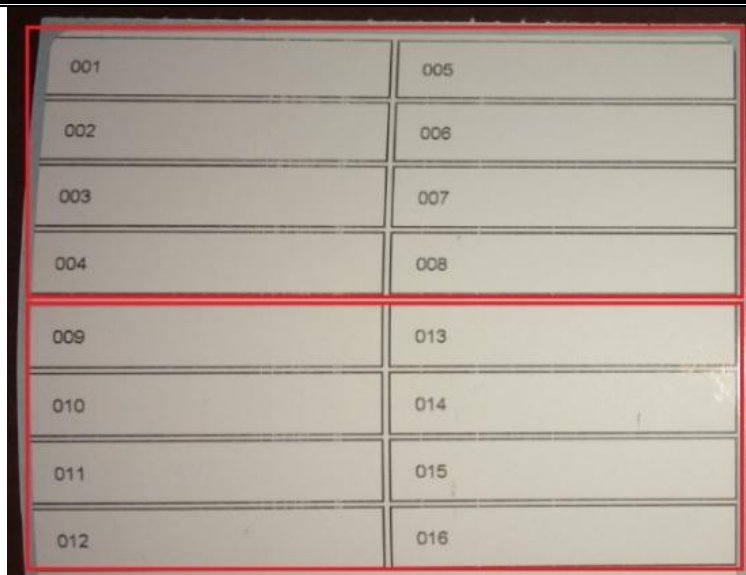
### 5.1.10 Use the sub-labels as printing number (affect in Multi Sub-Label Mode)



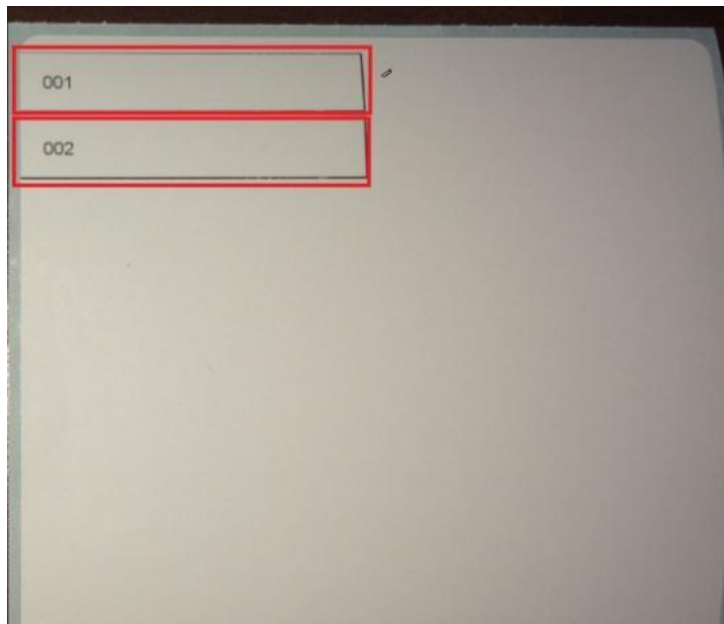
When the user selects the [Multi Sub-Label Mode], normally it can print out different serial number on multi labels, but the print number is according to the columns and rows that the user sets.



For example, in this case if the print number is [2], normally it will prints out the serial number from 1 to 16.



Then if this function is checked, it will only print out 2 [sub-labels].



### 5.1.11 Code Page

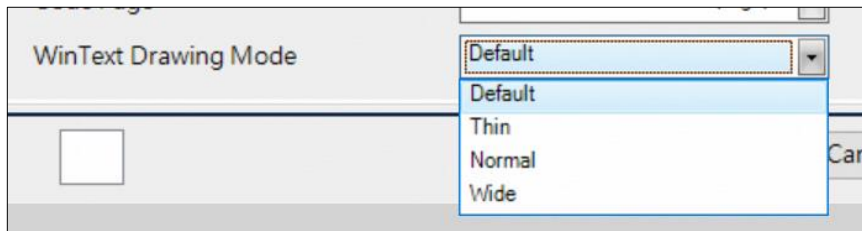


Make sure to choose the related Code Page depending on the printing content.

E.g.: Choose [936 Simplified Chinese] before printing Simplified Chinese characters.



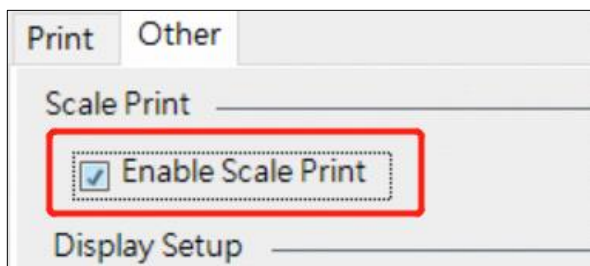
### 5.1.12 Adjust the Drawing Mode for WinTXT



This function allows the software to adjust the text printing effect in Thin, Normal and Wide.

Note: Only works with [Windows Text], [Text Box], [Wrap Text]

### 5.1.13 Enable Scale Print



In common scale applications, usually there is no space for placing a PC. Therefore, the user will download the edited label into printer first.



Then the printer can directly work with the scale without PC.



When [Enable Scale Print] is checked, the PC must be connected to the scale and the printer at the same time. In this case, the edited label file does not need to be



downloaded to the printer first. When the PC receives the weight data sent by the scale, GoLabel will directly send that data to the printer to prints.



After checking this function, the user can set the connection information of the scale in [Printer Setup] page.

The screenshot shows the 'Printer Setup' dialog box with the 'Scale Interface' tab selected. The 'Serial Port' is selected with a radio button. The settings are as follows:

Setting	Value
Serial Port	[Dropdown Menu]
Baud Rate	9600
Parity	None
Data Bits	8
Stop Bits	1

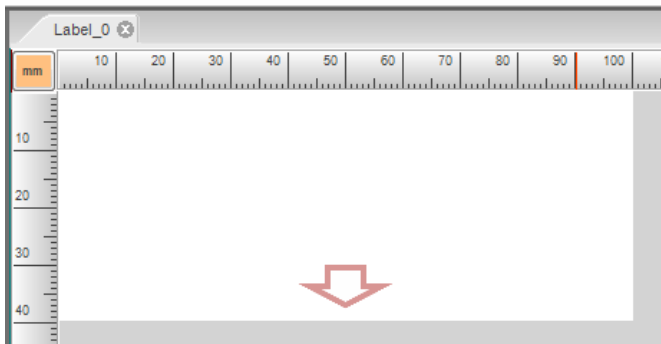
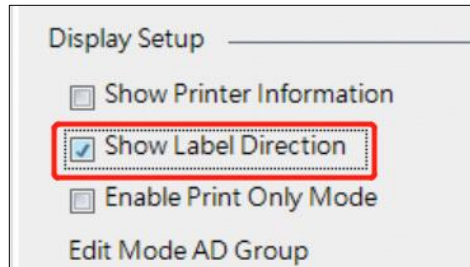
### 5.1.14 Displays the printer information on [Tools Pane]

The screenshot shows the 'Display Setup' dialog box. The 'Show Printer Information' checkbox is checked and highlighted with a red rectangle. The 'Show Label Direction' checkbox is unchecked.

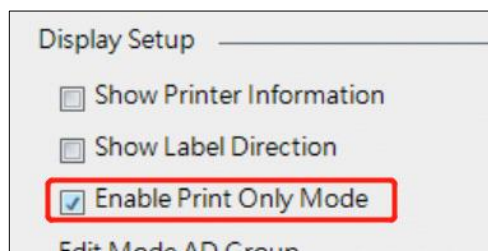
The screenshot shows the 'Tools Pane' (工具視窗) with a table of printer information highlighted by a red rectangle:

Model	G500
DPI	203
Interface	USB
Direction	0 Degrees (↓)
Darkness	8
Speed	4

### 5.1.15 Shows the Printing Direction



### 5.1.16 Execute the Print Only Mode (GoLabel File can only be printed not edited)

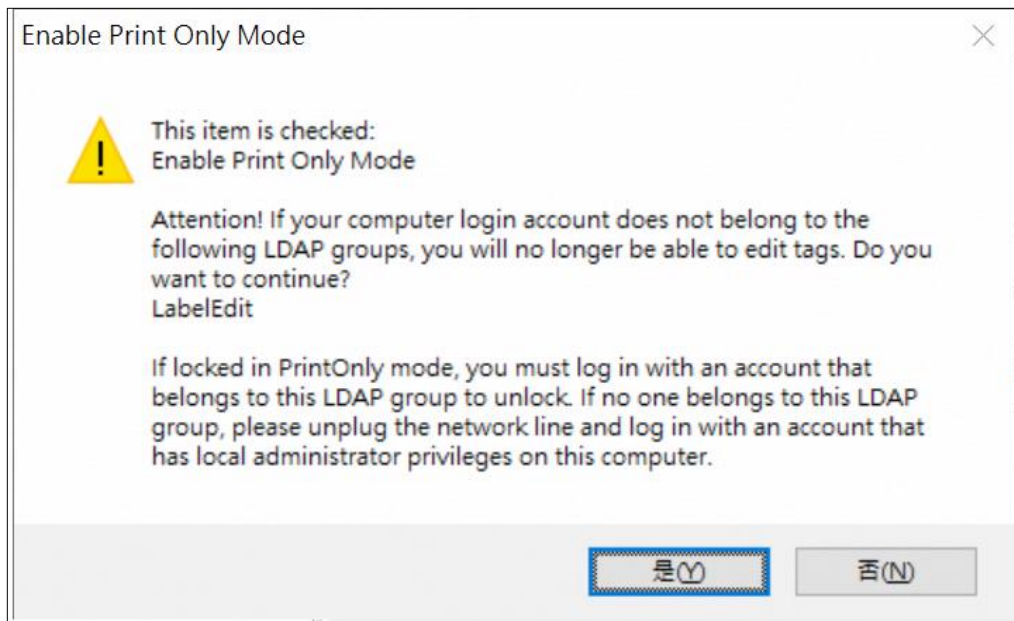


If this function is checked, common user will not be able to edit the label file, the file can ONLY be printed purpose. Only the system user in specific LDAP group that can edit the GoLabel files. The LDAP group is named [LabelEdit] as default (group name can be edited) , which allows the MIS engineer to create this group and add the user who is assigned to be able to edit the label files.

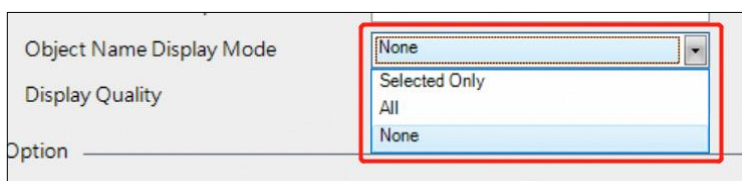


If no one belongs to this LDAP group, you can unplug the network cable, then ask MIS engineer to log in with Local Administrator on this computer to unlock the Print Only Mode.

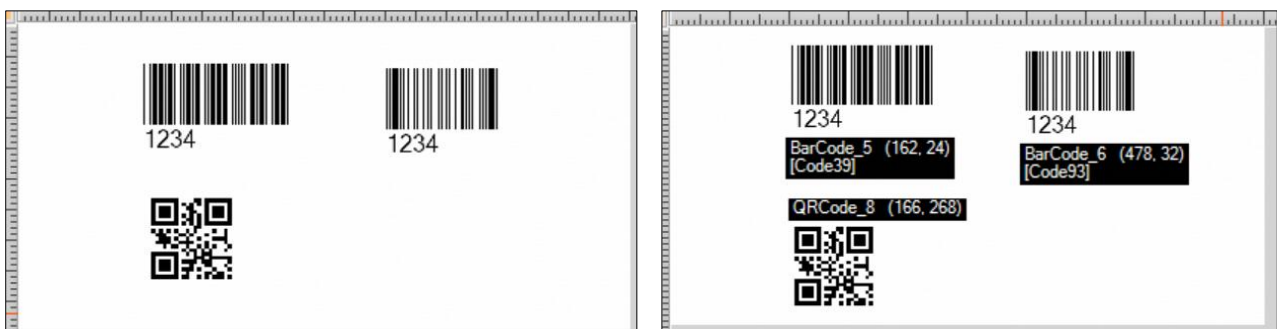
When this item is checked, a warning message will be displayed to remind the user that if the user does not belong to the LDAP group, the label file can no longer be edited.

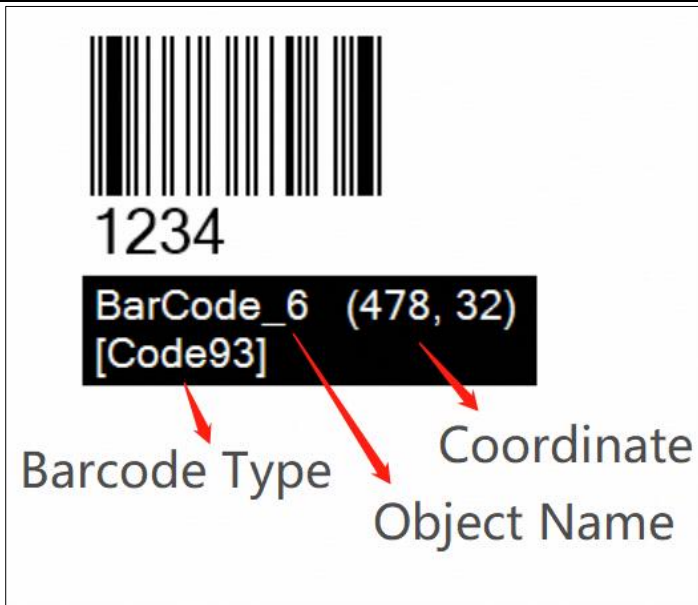


### 5.1.17 Displays the name and X, Y coordinate

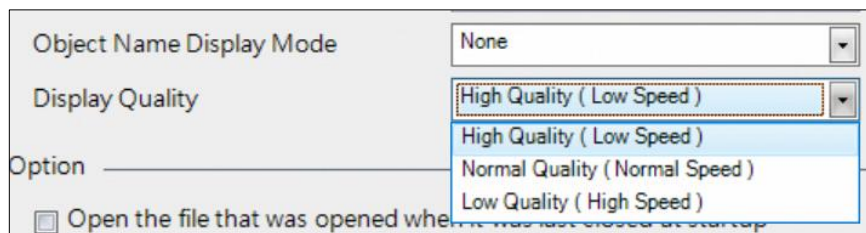


To Show the object information in label edit area.





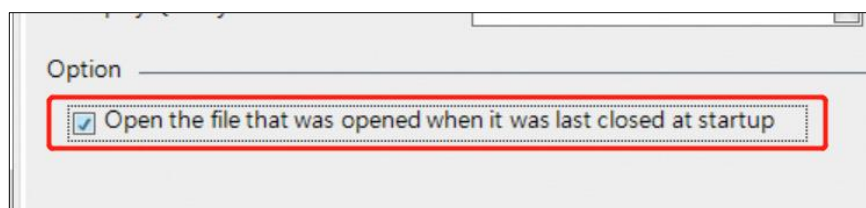
### 5.1.18 Software Display Quality Setting



Users may need to edit extremely long labels. The software might become slow and run out of memory.

This function provides 3 options to switch the drawing quality and adjust the fluency of the software (This won't affect the printing quality).

### 5.1.19 Open the last edited label when start up GoLabel

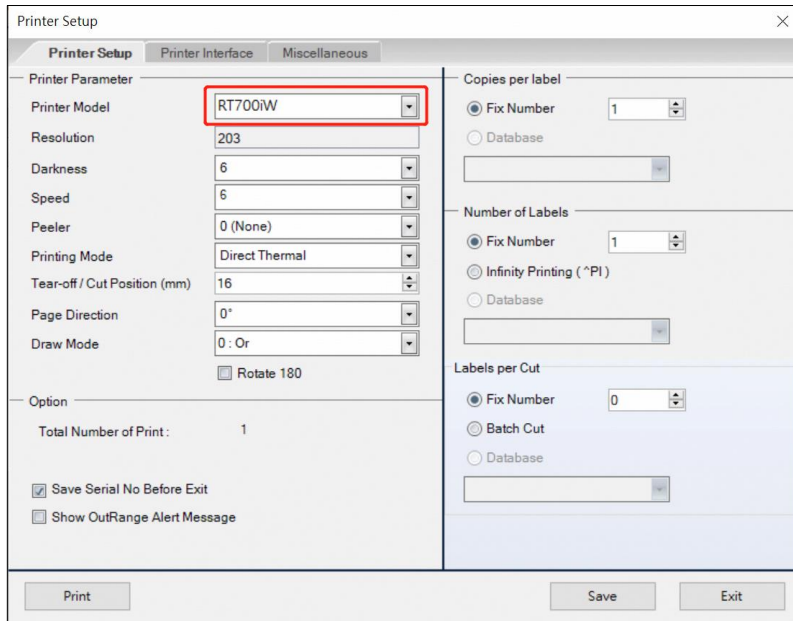



The last edited label will be automatically opened when start up the GoLabel.

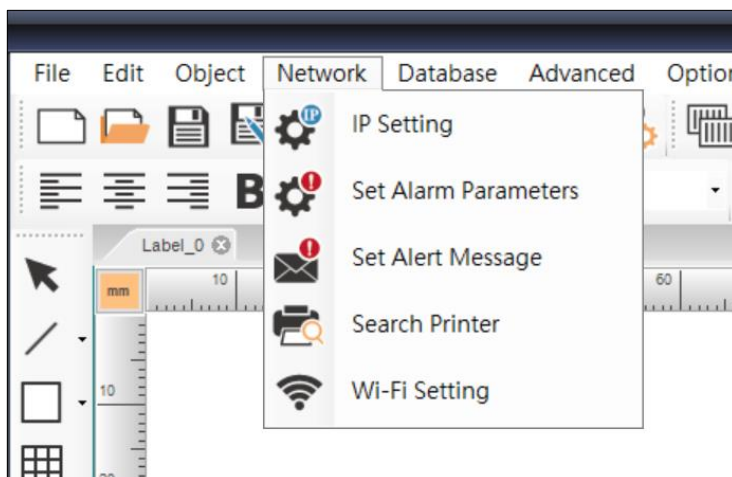
## 5.2 Wi-Fi Setup for models that support Wi-Fi Connection

### 5.2.1 Launch the Wi-Fi Setting Tool

Choose the printer model that supports the Wi-Fi communication function.



Select the Wi-Fi Setting icon  in [Network] toolbar.




## 5.2.2 Quick Setting

1. Click the [Quick Setting] option on the left.



2. Search Wi-Fi Access Points

Press the magnifier icon  to search all AP devices. The search results will be sorted according to the signal strength.



## 3. Make connection

Choose one AP and click [Next]



According to the [Encryption Method], it indicates whether this AP connection needs a Password or not.

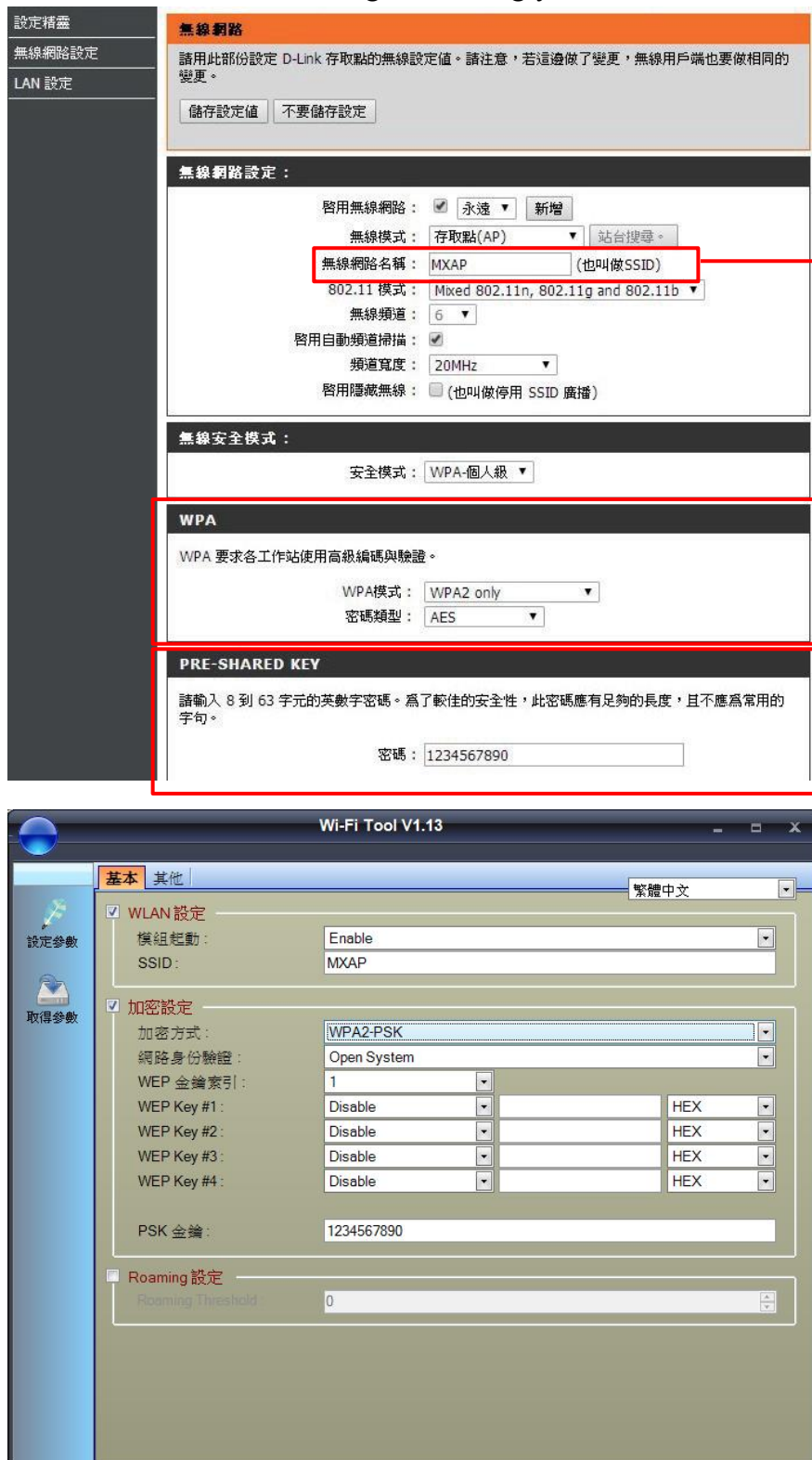
After click the [Set] button, the printer will be starting to make connection with the AP device.



Finally, if the Wi-Fi connection setting is complete, the printer will restart automatically.

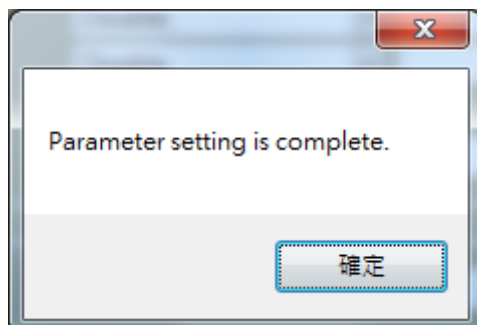
## 5.2.3 Engineering Mode Setting

1. The user needs to confirm the Wi-Fi network settings of the Router or AP device, and set the GoLabel' s Wi-Fi setting accordingly.





2. After the parameters is confirmed, press [Set Parameter] button on the left menu to set the Wi-Fi settings of the printer.



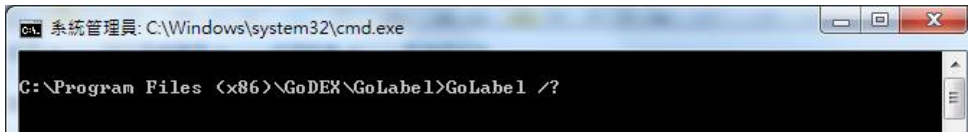
3. The IP setting is in DHCP mode as default. If the users want to set it as Static IP mode, a USB cable is needed and connect to the printer to Set the IP address manually first.



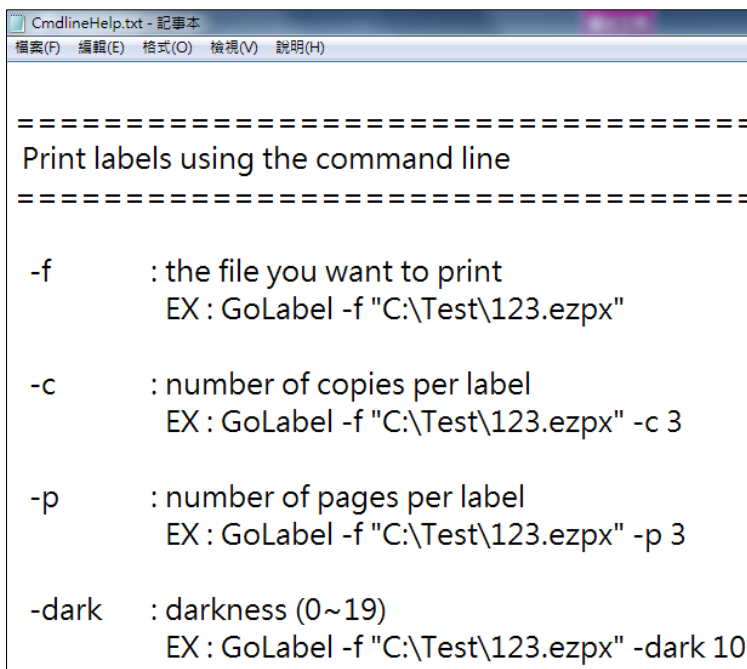
### 5.3 Use Command Line to call out GoLabel file and print

#### 5.3.1 Operating Procedures

- (1) Execute the [Command Prompt] program (cmd.exe) built in Windows system.
- (2) Select the GoLabel II installation directory.
- (3) Type in [GoLabel /?] and press Enter

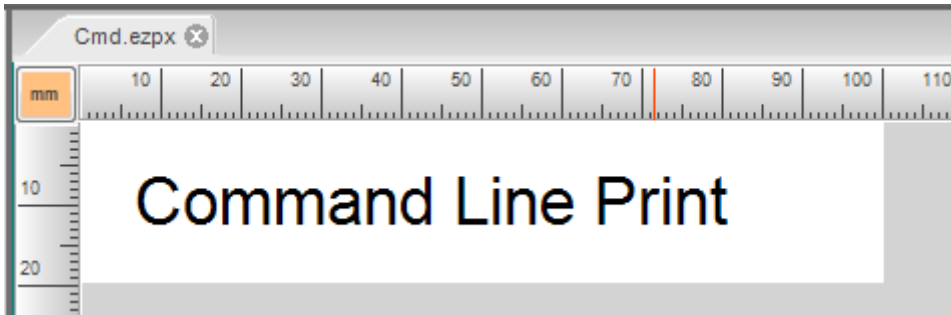


- (4) A parameter description file of the Command Line will be opened.



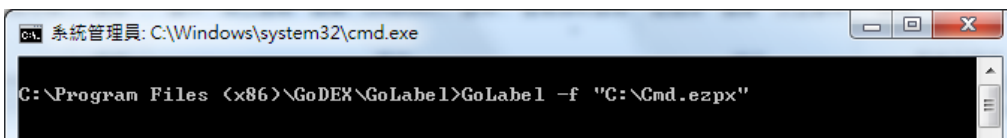
### 5.3.2 Use cmd.exe to recall GoLabel file and print

- (1) Edit a GoLabel file and save as Cmd.ezpx in C drive (C:\Cmd.ezpx)



- (2) Print the file

Inside the cmd.exe window, enter : GoLabel -f "C:\Cmd.ezpx" command and press Enter to print the label.



### 5.3.3 Recall program example in C# language

```
private void Btn_CmdTest_Click(object sender, EventArgs e)
{
    string ExePath = @"C:\Program Files (x86)\GoDEX\GoLabel II\GoLabel.exe";
    string LabelFile = @"C:\Cmd.ezpx";
    string Parameter = "-f \"" + LabelFile + "\"";
    Process.Start(ExePath, Parameter);
}
```