

2023

eRetail3.1 Online Template Tool

V1.1

DALIAN SERTAG TECHNOLOGY CO., LTD

Historic version

Version	Date	Describe	Maker	Reviewer
1.0	2023/8/21	eRetail3.1 online template tool manual	Merlin	Tony
1.1	2023/8/28	eRetail3.1 online template tool manual translation	Kris	Tony



Contents

1. Summary	3
2. Software introduction	3
3. Template Management.....	4
3.1 Menu bar buttons	4
3.1.1 Left menu	5
3.1.2 Right menu.....	6
4. Introduction to the top menu.....	12
5. How to make a template	13



1. Summary

(1) What is Template Tool?

Edit the display content of the traditional paper price tag into an electronic document and transmit it to the label for display.

(2) What is Template type?

The Goods information in the displayed content can be changed, while the rest are fixed display content, as shown in the figure:



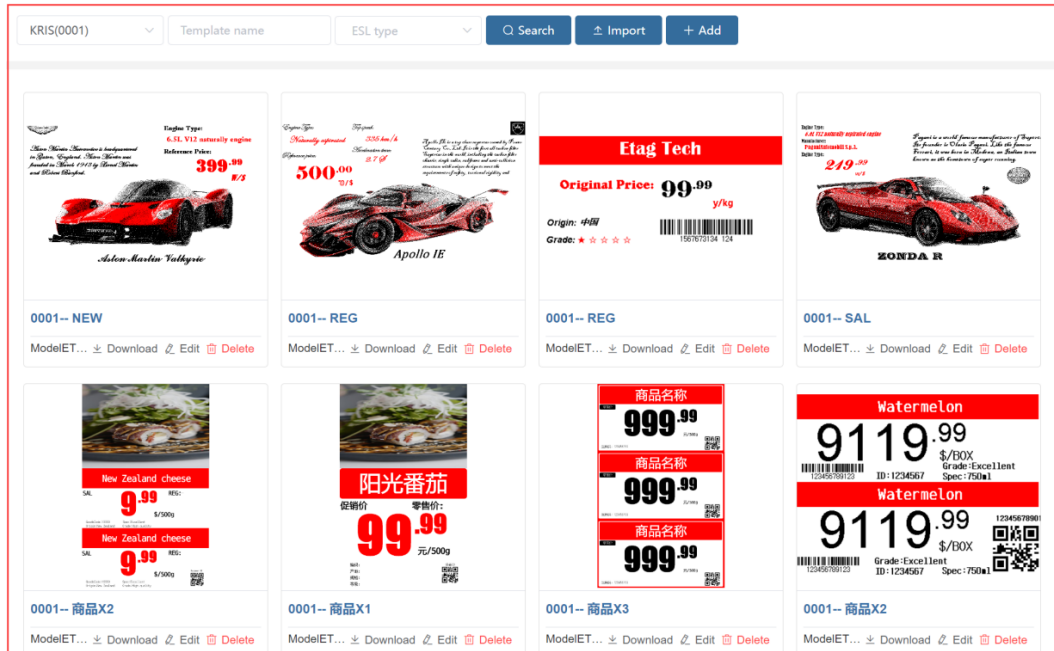
Template type naming: ESL is named based on the displayed content information, Regular price template is named REG, Sale price is named SAL, and Member price is named MER.

2. Software introduction

The online template tool is integrated into the eRetail3.1 system, abbreviated as (Template Management). Users use the template tool to display information bound to customer product data, and label information is displayed along with the bound product content. The template created by Template Management is directly saved for use without the need for import steps.

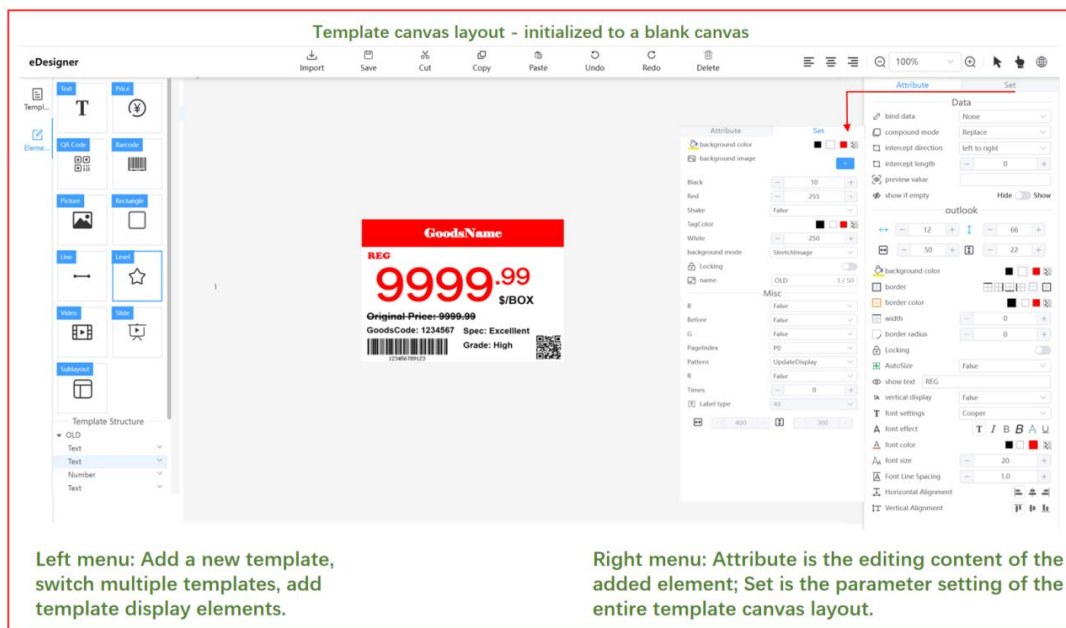
3. Template Management

eRetail3.1 system menu (Template Management) Click Add or Edit to enter the online template tool.



3.1 Menu bar buttons

The menu is divided into three modules, left menu, top menu, right menu.



Left menu: Add a new template, switch multiple templates, add template display elements.

Right menu: Attribute is the editing content of the added element; Set is the parameter setting of the entire template canvas layout.

3.1.1 Left menu

1. Add: New t template.

Document name: Template name, the regular ESL label is named by the name defined by the template type, such as REG, SAL, MER, U, OOS.

Label type: Select the corresponding label type to make a template, among which LCD ESL selects ET1010C-S(D), and LCD selects Custom.

data version: The default is 99, which is related to the product field

document direction: Rotate the template display according to the direction of the label, and display the content from the front of the label.

None
90°
180°
270°

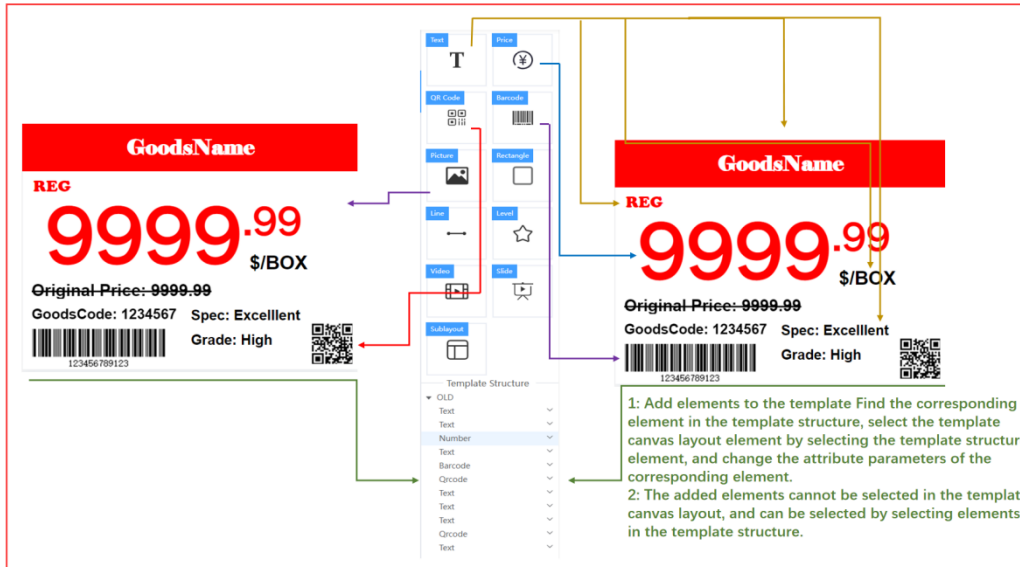
- Note: The name in the right menu settings can change template name.

2. Template: Switch between templates

Effect:

- 1: Switch between templates
- 2: Add a new template when editing a template. The edited template content can be copied and pasted into a new template through the top menu, which is convenient for quickly making other template types.

3. Elements: The template content is organized into templates by adding corresponding elements, and the corresponding elements of different color lines are displayed within the template layout.



3.1.2 Right menu

(1) Set up:

Attribute	Set	
background color	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Canvas layout background color, custom color for LCD ESL and LCD devices
background image	<input type="checkbox"/>	Canvas layout adds background image for LCD ESL and LCD devices
Black	10	Turn on Shake to take effect, the black dithering parameters of the picture
Red	255	Turn on Shake to take effect, the red dithering parameters of the picture
Shake	False	Whether the picture is Shake, used for ESL to add pictures
TagColor	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Picture color dithering parameter, choose red picture dithering as red, the whole picture shows red
White	250	Image dithering parameter size, the larger the number, the darker the color selected for the label
background mode	StretchImage	Picture display style: overall left of the picture, overall center, adaptive canvas layout size, general scene display
Locking	<input type="checkbox"/>	After locking, the coordinate position of the element cannot be adjusted, the element value can be modified, and the layout can be dragged freely
name	OLD 3 / 50	Change template name
Misc		
B	False	Flashing light color RGB medium blue switch
Before	False	True means refresh first and then flash, false first flash and then refresh
G	False	Flashing light color RGB medium green switch
PageIndex	P0	ESL has 8 pages of content to display, select the P() template to refresh to the page corresponding to the label, NFC label page cutting function
Pattern	UpdateDisplay	Update method
R	False	Flashing light color RGB medium red switch
Times	0	Flash time
Label type	40	Label feature code, used to distinguish label size
	400 300	Label resolution

● Note: Update method Pattern parameter meaning

Parameter name	Meaning	Parameter name	Meaning
Update Display	Update and display	Update Part	Partial update
Update	Update cache not showing	Display	Now immediately
DisplayInfor	Undefined	Led	Only trigger the flash

(2) Text elements: Display Goodsname, Spec, Goodscod, price, notes, etc.

bind data: Bind the corresponding product information field, display the corresponding product information, and directly read the dynamic model configuration field information from the field

compound mode: Display method of product field information: Replace, Prefix, and postfix.

intercept direction: left to right; right to left

intercept length: Only valid for the product information part of the bound field
Example: Goodsname is New Zealand cherry, the length is set to 6 from right to left, and the cherry is displayed

show if empty: Select Prefix and Suffix for the combination method, choose Hide, the binding field is empty, and no text information is displayed on the ESL.

The position of the element in the canvas layout, X coordinate and Y coordinate

Element in canvas layout size, height and width

width: Border width

border radius: Rounded background

Locking: Lock this element, you cannot drag and drop the element, you can modify the element parameters.

AutoSize: The number of characters in the text area is adaptive, and the display area is fixed.

show text: Elements display content previews, bound fields, and replacement information.

vertical display: Chinese text is displayed from top to bottom, English is displayed from top to bottom and rotated 90 degrees.

font effect: Text display content style, regular, italic, bold, italic bold, strikethrough, underline.

font color: Text display content color, LCD ESL, LCD can choose any color

Horizontal Alignment: Select the text display content left, horizontal center, right

Vertical Alignment: Select text display content top, vertical center, bottom

● Rounded corner setting effect:



(3) Price element: Display the price of the product, the difference from the text display price is that the decimal part display style can be set.

Fractional part alignment 9999.99、9999⁹⁹、9999₉₉ The default second display content

The integer and decimal parts are separated by a decimal point by default, and the symbols can be replaced

Decimal part display position, Up, Down

(4) QR code elements: Display website links (Products information), device ID.

Attribute | **Set**

Data

- bind data: Device ID **Device ID or product data QR code field, device ID is used for APP binding**
- compound mode: Replace
- intercept direction: left to right
- intercept length: 0
- preview value: [empty]
- show if empty: Hide Show

outlook

- background color: [color swatches] **QR code background color**
- border: [border styles]
- border color: [color swatches]
- width: 0
- border radius: 0
- Locking:
- color: [color swatches] **QR code display content color**

Text: https://www.bing.com 20 / 50 **The QR code displays information by default, and without binding fields, this information is displayed by default**

Four styles, LCD ESL, LCD with any color combination

(5) Barcode element: Displays the barcode or code of the item

Attribute | **Set**

Data

- bind data: GoodsCode
- compound mode: Replace
- intercept direction: left to right
- intercept length: 0
- preview value: [empty]
- show if empty: Hide Show

outlook

- background color: [color swatches]
- border: [border styles]
- border color: [color swatches]
- width: 0
- border radius: 0
- Locking:
- BarcodeFormat: CODE_39 **Barcode display format**
- FontSize: 12 **Barcode information fontsize**
- ForeColor: [color swatches]
- Rotate: None **Barcode rotation direction**
- PureBarcode: True

Text: 123456789123 12 / 50

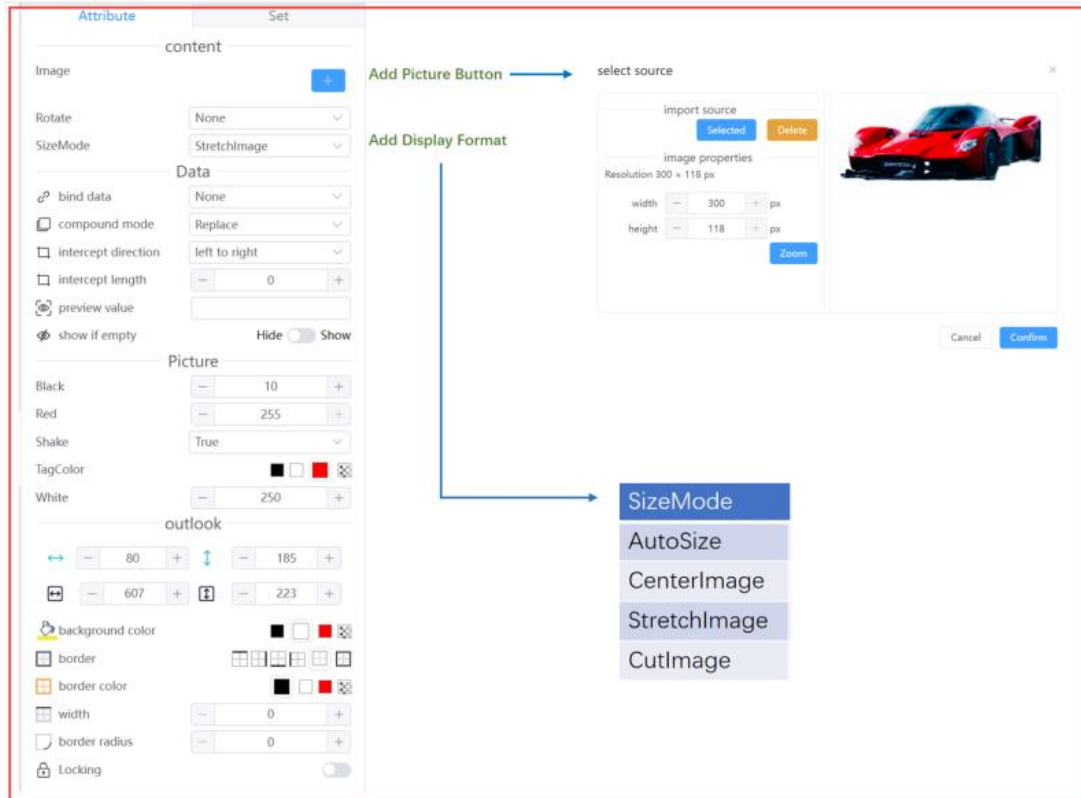
Barcode display format

Auto	CODE_128	PDF_417
AZTEC	DATA_MATRIX	QR_CODE
CODABAR	EAN_8	MSI
CODE_39	EAN_13	PLESSEY
CODE_93	ITF	

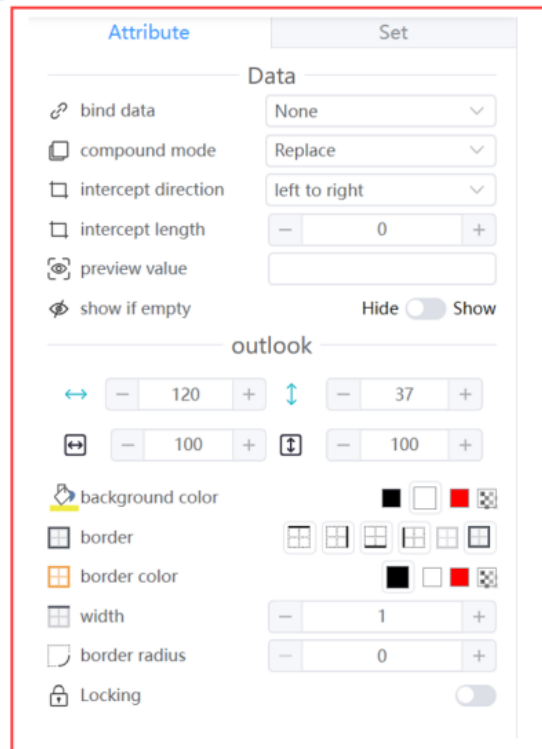
Barcode default information, displayed by default without binding fields

Open the display of barcode+barcode information Turn off displaying only barcodes

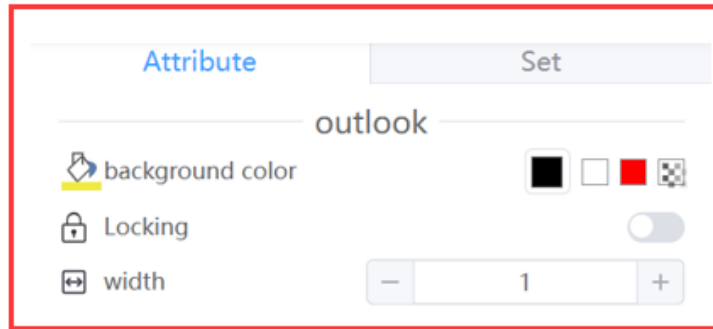
(6) Image elements: ESL device customer logo (black, white, yellow, red), LCD ESL, LCD display product image, or customer logo.



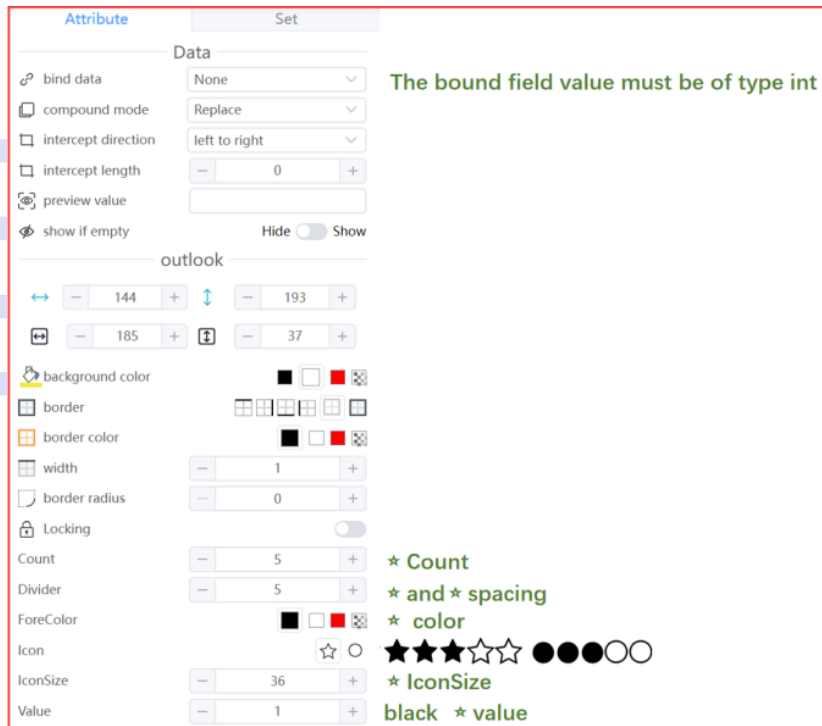
(7) Rectangular element: Split canvas layout area, add area background color, and decorate.



(8) Line element: Divide canvas layout areas, oblique strikeouts, decorations, etc.



(9) Level element: Use graphics to present commodity levels, and the value of the bound field must be int.



(10) Video element: LCD ESL, LCD displays products or advertising videos, and the binding field selects Bind Product, Bind Area, or None.

Attribute **Set**

Data

- bind data: None
- compound mode: Replace
- intercept direction: left to right
- intercept length: 0
- preview value: [input field]
- show if empty: Hide Show

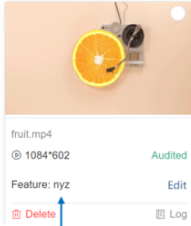
outlook

← 42 → ↑ 41 ↓

[- 200 +] [- 200 +]

- background color: [color swatches]
- border: [border style swatches]
- border color: [color swatches]
- width: 1
- border radius: 0
- Locking:
- ResFeature: ResFeature 0 / 50

Bound Goods: Product binding video, product not bound video fetch area
video playback
bound area: Video is a region bound video
None: Custom Selection Background Audit Video



ResFeature: The background has reviewed the input values of video features for corresponding settings, which are used to automatically change the display content for festivals and events

↑
Edit the same feature code

(11) Slideshow element: LCD plays product or advertising images.

Attribute **Set**

Data

- bind data: None
- compound mode: Replace
- intercept direction: left to right
- intercept length: 0
- preview value: [input field]
- show if empty: Hide Show

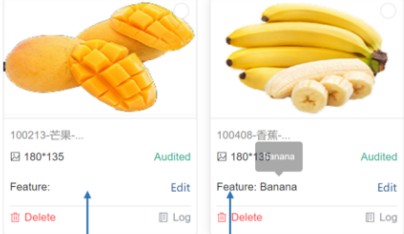
outlook

← 54 → ↑ 26 ↓

[- 200 +] [- 200 +]

- background color: [color swatches]
- border: [border style swatches]
- border color: [color swatches]
- width: 1
- border radius: 0
- Locking:
- Interval: 0
- SizeMode: CenterImage
- ResFeature: ResFeature 0 / 50

Bound Goods: Play product binding images, which can bind multiple images
bind area: Bind images in the playback area, which can bind multiple images



Picture playback interval

ResFeature: Corresponding to the input values of multiple approved image features in the background, play the images in sequence

↑
Edit the same feature code

(12) Sub-layout element: LCD ESL, LCD, ESL combination binding template uses this element (one label displays multiple products).

To set up several template types and sub layouts, it is necessary to create several templates. When using this template product, if there is no specific template type, corresponding templates can be omitted






Switching between templates (template types), editing different display contents for different template types


Add a blank template type and rename it

Copy the content of the sticker layout template, modify the content, and create parameters to complete other template types

4. Introduction to the top menu



- (1) **Import:** Import JSON format template file;
- (2) **Save:** Save the template to the background of the eRetail3.1 system;
- (3) **Cut, Copy, Paste**
- (4) **Undo:** Return to the previous step;
- (5) **Redo**
- (6) **Delete:** Delete the added element, after clicking, it will prompt whether to confirm the deletion;
- (7)  : The position of the element in the canvas layout, left, center, right;
- (8)   : Zoom in or zoom out the canvas layout;
- (9)  : Select tools, select canvas layout elements for editing, and select elements whose hierarchical relationships cannot be selected in the template structure;
- (10)  : Quickly lock the canvas layout and drag the canvas

(11) : Online template tool page language, the interface language supported by eRetail3.1 system basically supports.

5. How to make a template

Customer requirements: Make a 4.2-inch black and white red ESL label SAL template display **GoodsName**, **Sale price**, **Original price (strikethrough is added to Original price)**, **Goodscode**, **barcode**, **Spec**, **Grade** and **Unit**.



1. Follow the form below:

Attribute	Element Content Parameters							
	Goods Name	SALE	9999.99	\$/BOX	Original Price	Goods Code	Spec	Grade
Type	text	text	price	text	text	text	text	text
bind data	Goods Name	-	Current price	Unit	Original price	Goods Code	Spec	Spec
compound mode	Replace	Replace	Peplace	postfix	postfix	postfix	postfix	postfix
preview value	-	-	-	BOX	9999.99	1234567	Excellent	High
position	-3, 0	12, 66	21, 93	270, 158	10, 190	12, 219	200, 219	200, 249
element size	403, 58	50, 22	323, 80	70, 28	227, 27	188, 27	150, 30	117, 30
background color	red	white	white	white	white	white	white	white
AutoSize	True	False	True	False	True	True	True	True
show text	GoodsName	SAL	-	\$/	Original Price:	GoodsCode:	Spec:	Grade:
font settings	Elephant	Cooper	Zfull-GB	Arial	Arial	Arial	Arial	Arial
font effect	B	T	B	B	B	B	B	B
font color	white	red	red	black	black	black	black	black
font size	25	20	100	23	20	17	17	17