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ESL Tutorial

Base Station Connecting

- 1.1 Plug the base station adapter into the power supply and network cable (with network environment)
- 1.2 Connecting base station to ESL system
 - 1.2.1 Set mobile/computer/laptop to connect Wifi named woap-XXXX. The default password is 12345678
 - 1.2.2 Open the browser and input <http://192.168.253.88:8080>, Then enter into AP setting interface.
 - 1.2.3 Enter the corresponding information and click [Submit]. Host IP is the server address (the ESL system installed), and others account information are created by the system administrator.

The screenshot shows a web interface with a navigation bar at the top containing 'CONFIG' and 'INFO' tabs. Below the navigation bar, there are four input fields: 'Host IP' with the value '175.178.42.80', 'Store Code' with the value '20211001002', 'User' with the value '2021', and 'Password' which is empty. At the bottom of the form is a teal 'Submit' button with a checkmark icon.

- 1.2.4 Open the browser, input the IP address, input user name and password, and then enter into the system operation interface.

The screenshot shows a login page for the 'Esl System'. At the top left, the IP address '175.178.42.80/' is displayed. The main content area has a grey background with the text 'Esl System' in bold. Below this is a white login form titled '登录/LOGIN'. The form contains two input fields: '用户名/Username' with a clear icon and '密码/Password' with a lock icon. At the bottom right of the form is a blue '登录/LOGIN' button.

1.2.5 Check if the base station is online: Select [Ap] in [Navigation]. If "Ap Status" is ticked, then base station connection is successful. If not displayed or crossed, the connection is unsuccessful. You need to recheck whether the settings are incorrect and whether the network is working.

Ap Code	Ap IP	Ap Version	Ap Status	Ap Area
50:eb:71:6d:da:cb	120.230.29.253	1.3.0-2118/192.168.1.7	✓	transmitter

1.3 E price tag goes online

1.3.1 After the base station is connected successfully, click [Esl] in [Navigation] to enter into the ESL List interface, click [Sync Status], and wait for a few minutes. The base station will automatically scan e price tags to go online. During this time, you can click [Sync Status] several times to speed up e price tag to go online. E price tag must be located within the coverage of the base station (generally within 20 meters when testing).

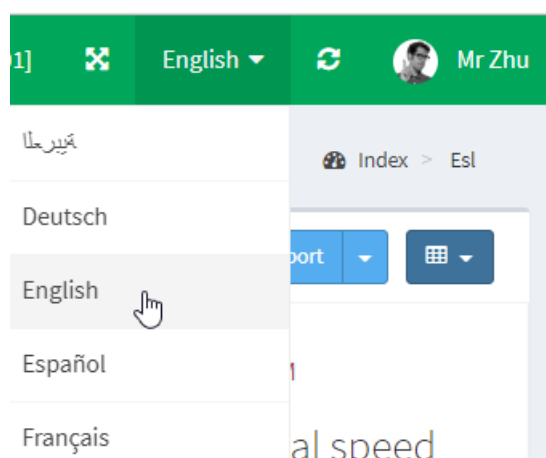
1.3.2 Checking if e price tags are connected

1.3.2.1 E price tags are scanned by the base station, If e price tags are displayed in Esl List interface. It indicates connecting is successful.

Code	Barcode	Price	Version	Battery	Status	Update From	Online	Ap Area	Template	Preview	Action
a430034f			102F/220C/0101	95.5%	Normal	Report	✓	transmitter	Default		

Setting Language

2.1 On the right side of [Navigation], click the down arrow next to Language to select the language you need.



Editing ESL Display Template

3.1 Take the 4.2 inch ESL as an example to illustrate how to create the template of ESL (ESL-XXBW is the template of setting black/white ESL, and ESLXXR is the template of setting black/white/red ESL).

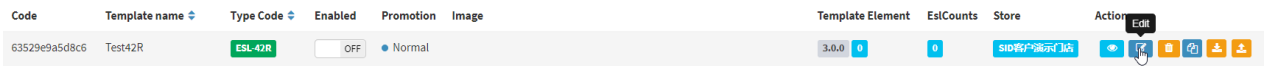
A screenshot of the ESL template configuration form. It includes the following fields and controls:

- * Code:** 63529e9a5d8c6
- * Template name:** Test42R
- * Type Code:** ESL-42R
- Enabled:** OFF (toggle switch)
- * Promotion Type:** Normal

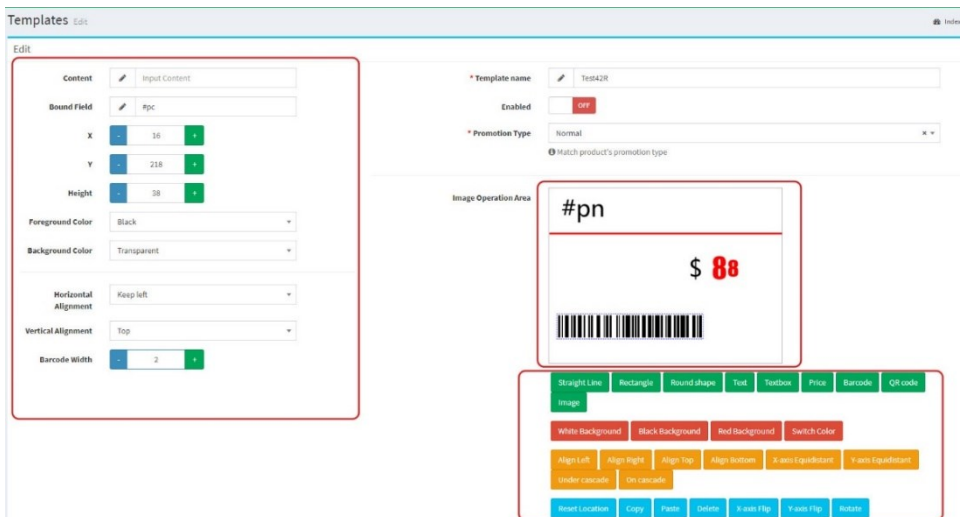
Below the Promotion Type field, there is a note: "Match product's promotion type".

3.2 Select [Esl] → [Templates] → [ESL-42R] on the navigation bar of left side interface, enter into the [Templates List] interface, select [+new] on the upper right corner, enter into the [Templates Create] interface, then enter [Template name] [Submit].

3.3 Click [Edit] to enter into [Templates Edit] interface.



3.4 In [Templates Edit], there are mainly three areas: image operation area, element selection area and element attribute area.



3.5 Set the same Template to apply deferent e price tags but display deferent information. Like A and B e price tags display a and b commodities.

3.5.1 In the text or text box, enter a sign with "#", which is an adaptive field. For example, "#pn" is an adaptive field of product name. Commodity attribute field flag can refer to the corresponding attribute name flag of the commodity.

The screenshot shows the 'Product Create' interface with the following fields:

- Internal code (#pi)**: Input Internal code (#pi)
- Barcode (#pc)**: Input Barcode (#pc)
- Product name (#pn)**: Input Product name (#pn)
- Specification (#ps)**: Input Specification (#ps)
- Grade (#pg)**: Input Grade (#pg)
- Unit (#pu)**: Input Unit (#pu)
- Price (#pp)**: Input Price (#pp) (0.00)
- Vip Price (#vp)**: Input Vip Price (#vp) (0.00)
- Original Price (#pop)**: Input Original Price (#pop) (0.00)
- Origin (#po)**: Input Origin (#po)
- MFRS (#pm)**: Input MFRS (#pm)
- Promotion**: Normal (dropdown)
- Image Url (#pim)**: Input Image Url (#pim)
- Images**: None (dropdown)
- Advert (#pad)**: Input Advert (#pad)
- Advert**: None (dropdown)
- QR Code Url (#pqr)**: Input QR Code Url (#pqr)
- Stock (#kc)**: Input Stock (#kc) (+)
- Desc**: Input Desc
- Keywords**: Input Keywords
- Custom Fields (#f1) to (#f15)**: Input Custom Fields1 (#f1) to Input Custom Fields15 (#f15)

Creating Commodity Information

4.1 Click [Product] → [Product] in the navigation bar to enter into the Product List interface.

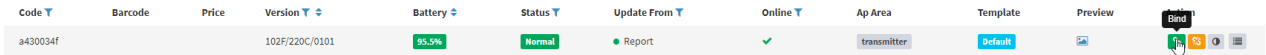
The screenshot shows the 'Product List' interface with the same product creation form as above, including fields for internal code, barcode, product name, specification, grade, unit, price, vip price, original price, origin, MFRS, promotion, image url, images, advert, qr code url, stock, desc, keywords, and custom fields.

4.2 Click [+new] to enter into the Product Create interface. Enter relevant information and click [Submit]. (Note: "*" is required).

Binding Commodity Information

5.1 Binding through the system backstage

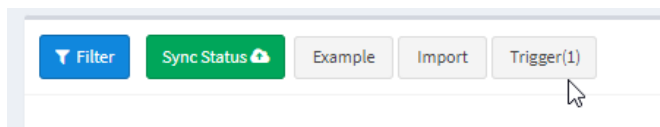
5.1.1 On the ESL List interface, click [Bind] on the right of the related ESL list items.



5.1.2 Input the barcode of corresponding goods need to be bound in [Barcode] (Barcode can be copied in advance then pasted here); Select the corresponding template at [Template] and click [Submit].

The 'Bind' dialog box contains the following fields: Code (a430034f), Type (ESL-21R), Barcode (Input Barcode), and Templates (Default). There are 'Reset' and 'Submit' buttons at the bottom.

5.1.3 In the ESL List, click [Trigger] to update the price tag.



5.2 The Logical Structure

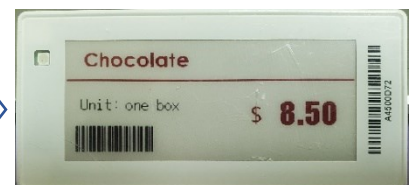
The commodity information fields are: Barcode (#pc) 13579, Product name (#pn) Chocolate, Specification (#ps) Input Specification (#ps), Grade (#pg) Input Grade (#pg), Unit (#pu) one box, and Price (#pp) 8.50.

Commodity info.



The 'Bind' dialog box shows Code (a4500d72), Type (ESL-29R), Barcode (13579), and Templates (Testing template). The 'Barcode' and 'Templates' fields are highlighted with red boxes.

Bind Price tag and commodity



Final Display with price tag

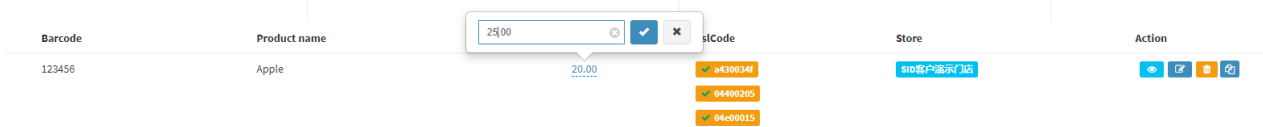
The template shows '#pn' at the top, 'Unit: #pu' on the left, and '\$ 8.8' on the right. A barcode is located at the bottom left.

Template

updating price

6.1 Modify commodity information to trigger price tag update

6.1.1 In the Product List, take modifying commodity of Apple as an example, click [Price], and change the price from 20.00 to 25.00



6.1.2 Switch to the ESL List interface, you can see the Trigger alert. Click [Trigger] and then the price tag will complete update.

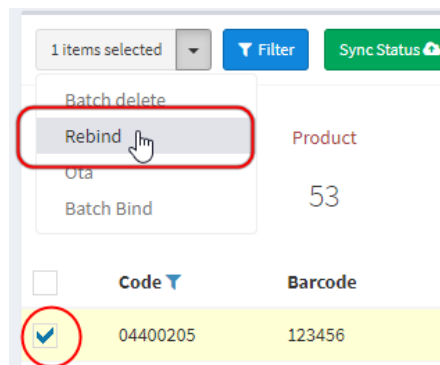
Filter Sync Status Example Import Trigger(3)

Product				Templates				
53				30				
Code	Barcode	Price	Version	Battery	Status	Update From	Online	
<input type="checkbox"/>	a430034f	123456	25.00	102F/220C/0101	95.7%	Waiting	Adjust	✓
<input type="checkbox"/>	04400205	123456	25.00	102F/220C/0101	100.0%	Waiting	Adjust	✓
<input type="checkbox"/>	04e00015	123456	25.00	102E/220C/0301	100.0%	Waiting	Adjust	✓
<input type="checkbox"/>	a4500d72			102F/220C/0204	100.0%	Normal	Report	✓

From 1 to 4 a total of 4 items

6.2 Rebinding the ESL or replacing the template to update the price tag

6.2.1 selecting the price tag, then select [Rebind] and click [Trigger] to refresh the price tag again.



6.2.2 Click [Bind] in the price tag to enter the binding interface, re-select a template or enter a new commodity barcode, then click [Submit], return to the Esl list interface, and click [Trigger] to update the price tag.

Bind ×

Code	<input type="text" value="04400205"/>
Type	<input type="text" value="ESL-29BW"/>
Barcode	<input type="text" value="13891532"/>
Templates	<input type="text" value="Default"/>

The end

FCC Statement

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference.
- (2) This device must accept any interference received, including interference that may cause undesired operation.

2. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: This equipment has been tested and found to comply with the limits for a class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- 1 Reorient or relocate the receiving antenna.
- 2 Increase the separation between the equipment and receiver.
- 3 Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- 4 Consult the dealer or an experienced radio/TV technician for help.