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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 two tabs: 'CONFIG' (active) and 'INFO'. Below the tabs 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 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 web browser address bar with '175.178.42.80/'. The main content area has a light blue background with the text 'Esl System' in bold. Below this is a white login box titled '登录/LOGIN'. It contains two input fields: '用户名/Username' and '密码/Password'. At the bottom of the login box is a blue button labeled '登录/LOGIN'.

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).

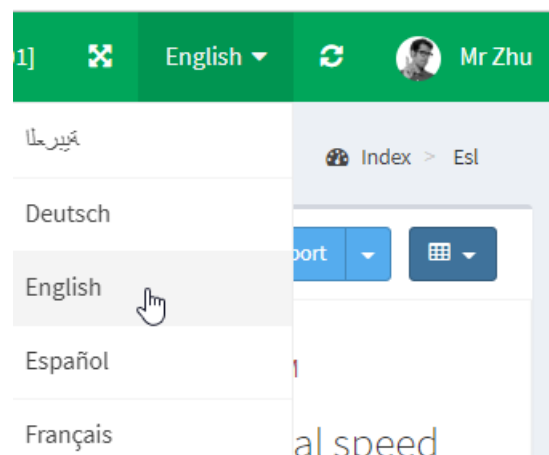
1.3.2 Checking if e price tags are connected

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).

This screenshot shows the configuration form for an ESL template. It includes fields for Code (63529e9a5d8c6), Template name (Test42R), Type Code (ESL-42R), Enabled status (OFF), and Promotion Type (Normal). A note below the Promotion Type field states 'Match product's promotion type'.

* Code	63529e9a5d8c6
* Template name	Test42R
* Type Code	ESL-42R
Enabled	OFF
* Promotion Type	Normal

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.

This screenshot shows the same configuration form as in 3.1, but with a top navigation bar. The navigation bar includes links for Code, Template name, Type Code, Enabled, Promotion, Image, Template Element, EslCounts, Store, and Action. The Action menu is open, showing options like Edit, Add, and Delete.

Code	Template name	Type Code	Enabled	Promotion	Image	Template Element	EslCounts	Store	Action
63529e9a5d8c6	Test42R	ESL-42R	OFF	Normal		3.0.0	0	0	Edit

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

This screenshot shows the 'Edit' interface for the ESL template. It is divided into three main sections: 1. Element Attribute Area (left): Contains fields for Content, Bound Field, X, Y, Height, Foreground Color, Background Color, Horizontal Alignment, Vertical Alignment, and Barcode Width. 2. Image Operation Area (top right): Contains a preview of the template with a price tag and a barcode. 3. Element Selection Area (bottom right): Contains a grid of buttons for selecting elements like Straight Line, Rectangle, Round shape, Text, Textbox, Price, Barcode, QR code, Image, White Background, Black Background, Red Background, Switch Color, Align Left, Align Right, Align Top, Align Bottom, X-axis Equidistant, Y-axis Equidistant, Under canvas, On canvas, Reset Location, Copy, Paste, Delete, X-axis Flip, Y-axis Flip, and Rotate.

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.

Creating Commodity Information

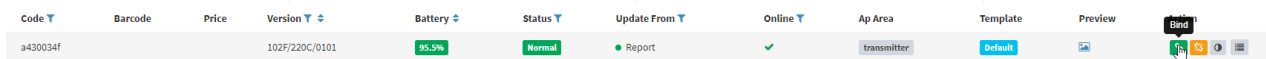
4.1 Click [Product] → [Product] in the navigation bar to enter into the Product List interface.

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

Binding Commodity Information

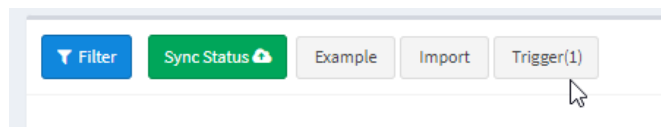
5.1 Binding through the system backstage

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

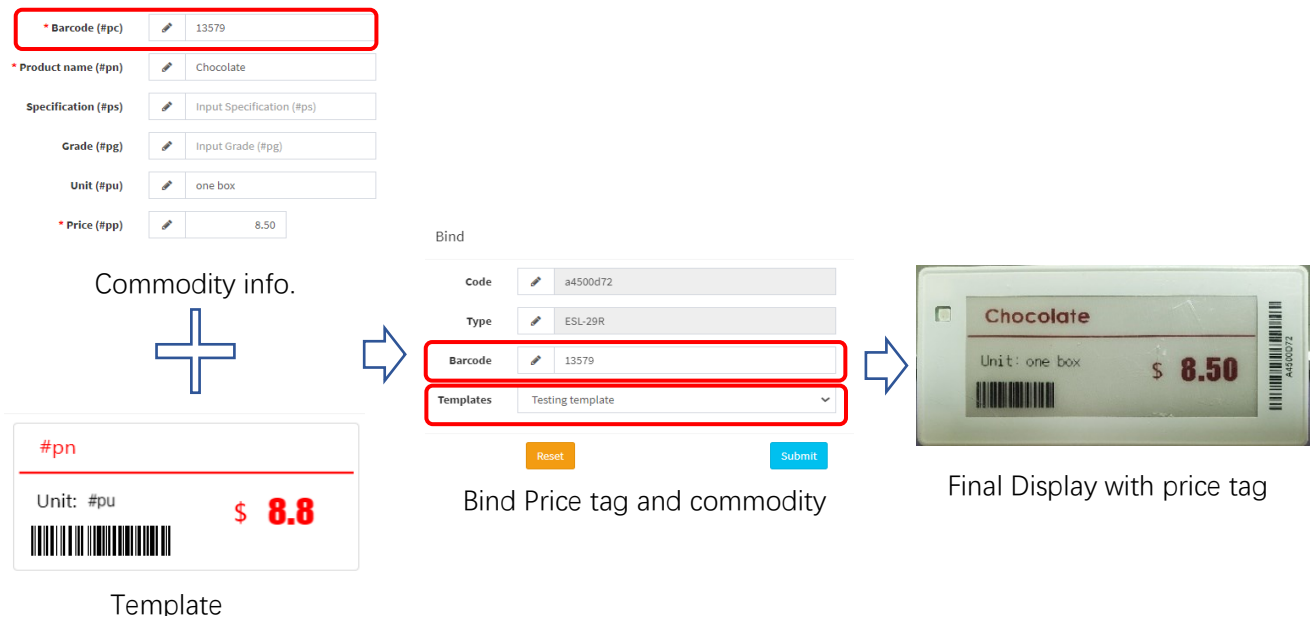


5.1.2 Input the barcode of corresponding goods need to be bound in [Barcode] (Barcode can be copied in advance then pasted here); Select the corresponding template at [Template] and click [Submit].

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



5.2 The Logical Structure



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

Barcode	Product name	Price	stCode	Store	Action
123456	Apple	20.00	a430034f 04400205 04e00015	510客户服务中心	

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

53

Templates

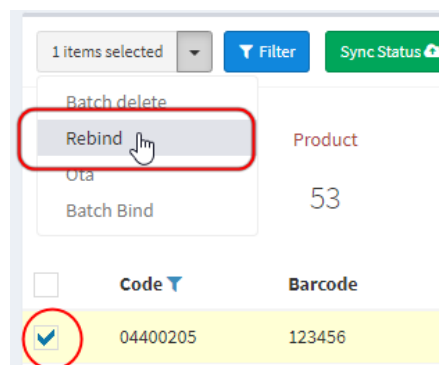
30

☐	Code	Barcode	Price	Version	Battery	Status	Update From	Online
☐	a430034f	123456	25.00	102F/220C/0101	95.7%	Waiting	Adjust	✓
☐	04400205	123456	25.00	102F/220C/0101	100.0%	Waiting	Adjust	✓
☐	04e00015	123456	25.00	102E/220C/0301	100.0%	Waiting	Adjust	✓
☐	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

Type

Barcode

Templates

Reset

Submit

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.