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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'. Under 'CONFIG', there are four input fields: 'Host IP' with the value '175.178.42.80', 'Store Code' with '20211001002', 'User' with '2021', and 'Password' which is empty. A teal 'Submit' button with a checkmark icon is at the bottom.

- 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. On the right, there is a white login box titled '登录/LOGIN'. It contains two input fields: '用户名/Username' and '密码/Password'. Below these fields 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).

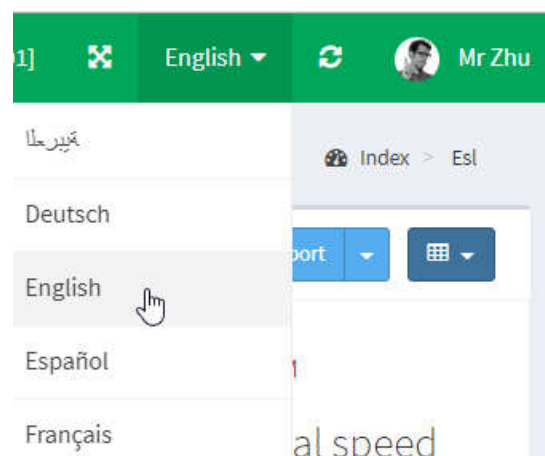
1.3.2 Checking if e price tags are connected

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).

A screenshot of the ESL Template configuration form. It includes fields for Code (63529e9a5d8c6), Template name (Test42R), Type Code (ESL-42R), Enabled (OFF), and Promotion Type (Normal). A tooltip for Promotion Type says '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.

A screenshot of the ESL Template configuration form with a toolbar. The toolbar includes buttons for Template Element, EslCounts, Store, and Action. The Action button is highlighted with a tooltip that says 'Edit'.

Code	Template name	Type Code	Enabled	Promotion	Image	Template Element	EslCounts	Store	Action
63529e9a5d8c6	Test42R	ESL-42R	OFF	Normal		3.0.0	0	8	EDIT

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

A screenshot of the Templates Edit interface. It shows three main areas: 1. Element attribute area (left) with fields for Content, Bound Field, X, Y, Height, Foreground Color, Background Color, Horizontal Alignment, Vertical Alignment, and Barcode Width. 2. Image operation area (middle) with a preview of the template showing '#pn' and '\$ 88'. 3. Element selection area (right) with buttons for 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, Align Center, Align Right, Under caption, On caption, Reset Location, Copy, Paste, Delete, Show Top, Show Bottom, and Details.

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.

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

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].

Bind

Code

a430034f

Type

ESL-21R

Barcode

Input Barcode

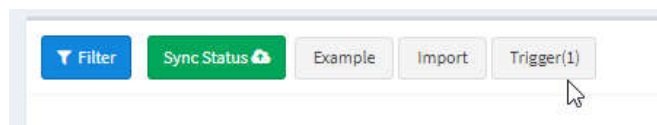
Templates

Default

Reset

Submit

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



5.2 The Logical Structure

* Barcode (#pc)

13579

* Product name (#pn)

Chocolate

Specification (#ps)

Input Specification (#ps)

Grade (#pg)

Input Grade (#pg)

Unit (#pu)

one box

* Price (#pp)

8.50

Commodity info.



Bind

Code

a4500d72

Type

ESL-25R

Barcode

13579

Templates

Testing template

Reset

Submit

Bind Price tag and commodity



Final Display with price tag

#pn

Unit: #pu

\$ 8.8

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

Barcode	Product name	Price	stCode	Store	Action
123456	Apple	20.00	a430034f 04400205 04e00015	a4500d72	+ - x

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

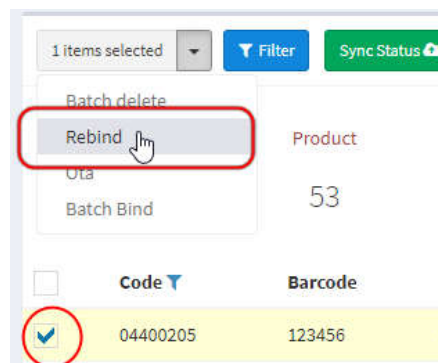
30

☐	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	 04400205
Type	 ESL-29BW
Barcode	 13891532
Templates	Default 

ResetSubmit

The end

FCC Warning:

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:

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

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

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, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body.

Contains FCC ID: 2AD56HLK-7628N