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SETP_Label_V20 System Developer's Manual

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1. SETP_Label_V20 Registration

You should register the PTL to our Management System first;

Press the bottom-right and bottom-left button to trigger registration.

Register ok: The led turns from green to red in the up-right corner



2. Query PTL Tags Interface Information

Interface address: `192.168.1.200/wms/associate/getTagsMsg`

Request type: `multipart/form-data`

Request method: `get`

Interface remarks: *No description yet*

Debugging tools: *ApiPost*

Request parameter description

Attributes	Value	Type	Comment
No request parameter KEY/VALUE type			

```
[
  {
    "lastOpreateTime": "2022-03-24 04:53:15",
    "mac": "99.89.40.57",
    "power": 100,
    "routerid": "CWR000001",
    "rssi": -57,
```

```

    "showStyle": "Picking Template"
  },
  {
    "lastOpreateTime": "2022-03-24 04:53:29",
    "mac": "99.89.75.63",
    "power": 97,
    "routerid": "CWR000001",
    "rssi": -55,
    "showStyle": "拣货模板单列"
  }
}

```

Response parameter description

Attributes	Value	Types	Comment
lastOpreateTime	2022-03-24 04:53:15	String	Last opreate Tlme
mac	99.89.40.57	String	Tag mac/Tag ID
power	100	Integer	Battery power(0~100)
routerid	CWR000001	String	ID of BindRouter
rssi	-57	Integer	Signal strength (-100 ~ 0)
showStyle	Picking Template	String	Using template name
		Text	No description yet

3. Electronic label control interface

Interface address: <http://192.168.1.200/wms/associate/lightTags>

Request type: *application/json*

Request method: *post*

Interface remarks: *Control interface*

Debugging tools: *ApiPost*

Request parameters

Attributes	Types	Required	Comment
mac	99.89.40.57	string	Tag mac / Tag ID, for example: 99.89.40.57
devtype	10	int	Fixed: devtype=10
timeout	0	int	timeout=0, Always on, will not turn

			off automatically; timeout>0, The label will automatically turn off after (timeout) seconds; Unit: second;
state	1	int	1, led on, Digital Tube on; 0, led off, Digital Tube off;
ledrgb	ffff00	string	red, ledrgb="ff0000"; green, ledrgb="ff00"; blue, ledrgb="ff"; yellow, ledrgb="ffff00"; white, ledrgb="ffffff"; no color, ledrgb="0"
ledcycle	0	int	Fixed: ledcycle=0; Always on, no flashing; ledcycle=500, 500ms Interval flashing; ledcycle=1000, 1000ms Interval flashing;
quantity	999	int	Digital tube display, 0~999999

Request example:

```
[
{"mac":"99.89.40.57",
"devtype":10,
"state":1,
"timeout":0,
"ledrgb":"ff00",
"ledcycle":0,
"quantity": 999
}
]
```

Response example:

```
true
```

Response parameter description:

Attributes	Value	Type	Comment
No request parameter KEY/VALUE type			

4. Callback of Button

Callback request type: *application/json*

Callback request method: *post*

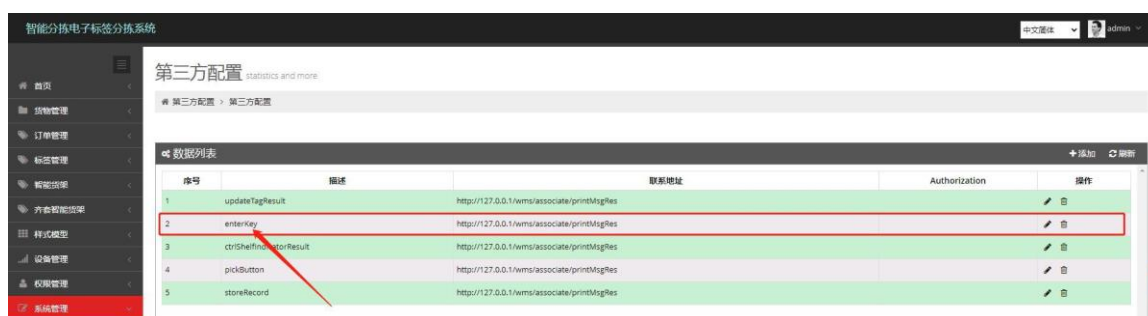
Request parameter example:

```
{"mac":"99.89.40.57", "result": 0}
```

Request parameter description:

Attributes	Value	Types	Comment
mac	99.89.40.57	string	Tag ID number of trigger button
result	0	int	lower right, result:0 upper left, result:1 middle left, result:2 lower left, result:3

Callback interface settings:



Description	URL Address
enterKey	URL of user's callback API

6. Callback of Lights Result

Request type: *application/json*

Request method: *post*

Request parameter example:

```
{"mac":"99.89.40.57", "result": true}
```

Request parameter description:

Attributes	Value	Types	Comment
mac	99.89.40.57	string	Tag ID number of trigger button
result	true	bool	true, lighting successfully false, lighting fails

Interface settings:

序号	描述	联系地址	Authorization	操作
1	updateTagResult	http://127.0.0.1:9090/wms/associate/printMsgRes		✎ 会
2	enterKey	http://127.0.0.1:9090/wms/associate/printMsgRes		✎ 会
3	ctrlShelfIndicatorResult	http://127.0.0.1:9090/wms/associate/printMsgRes		✎ 会
4	ctrlEslDataResult	http://127.0.0.1:9090/wms/associate/printMsgRes		✎ 会
5	pickButton	http://127.0.0.1:9090/wms/associate/printMsgRes		✎ 会
6				✎ 会
7				✎ 会

Description	URL Address
ctrlShelfIndicatorResult	URL of user's callback API