

# Installation & Operational Manual

## PBL System

Model : PBL



## PBL Box Contents

1. PBL Gateway
2. PBL DISPLAY
3. ROUTER
4. PBL SERVER

For any support,  
Contact: [TECHSUPPORT@STACKIOT.TECH](mailto:TECHSUPPORT@STACKIOT.TECH)

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# Document Data Sheet



Document Data Sheet	
Specification No.	StackIOT/PBL/2024-010
Title of Document	User manual for PBL System.
Prepared By	StackIOT Technologies Private Limited
Abstract	This document specifies the use of PBL SYSTEM.

## Revision

Version	Chapter/Annexure	Revision	Effective From
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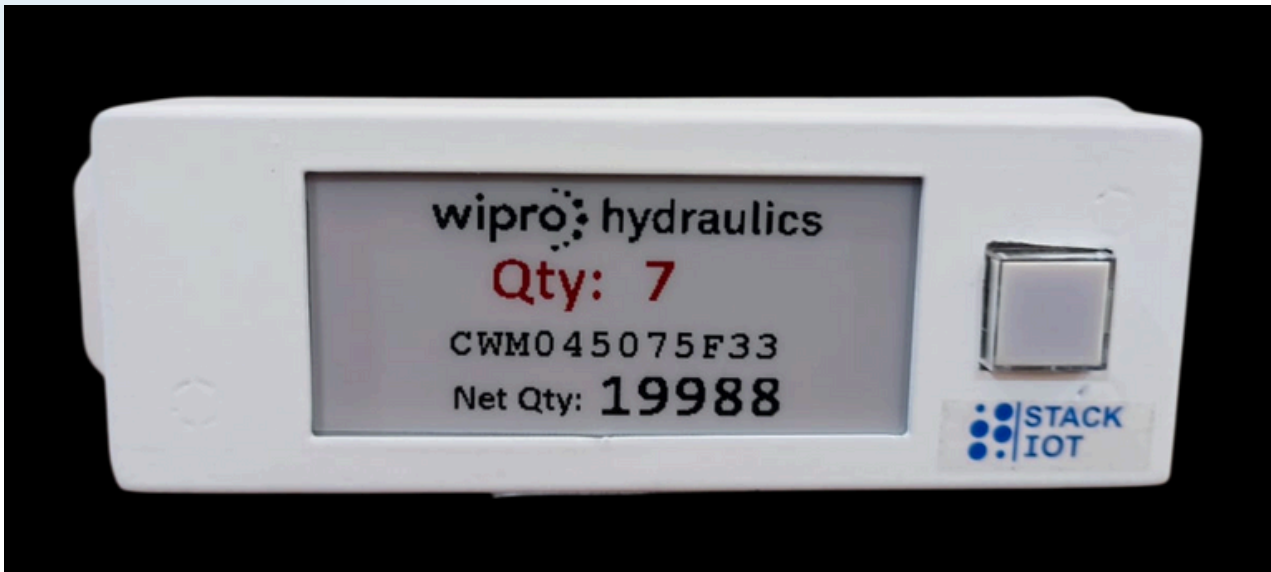
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**Fig.1 Front View**



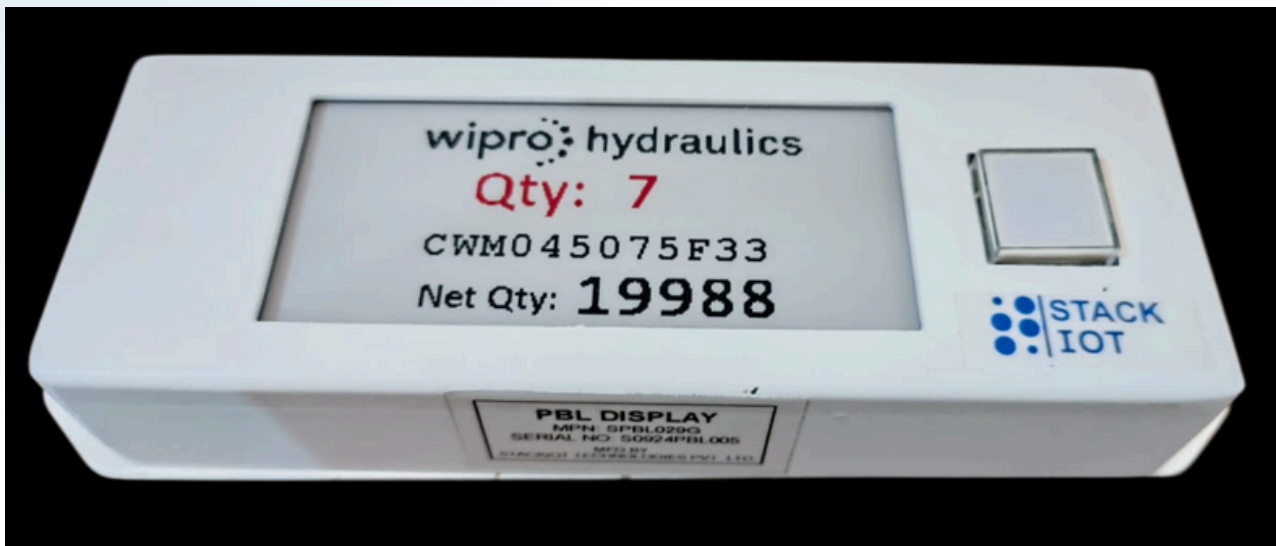
**Fig.2 PBL Address Right Side**

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**Fig.3 Serial No. at Bottom Side**

## **PBL SYSTEM Quick Setup**

PBL SERVER, Gateway Router will be preconfigured /synced to work as per plug and play order in your local network.

- As you provide your network IP Address to us, we will configure it to run in your local premises.
- Internet is not required to operate the system as it works under BLE operation.
- PBL Displays will be mounted at the location. accordingly.

# SERVER Overview

The image shows the StackPBL User Login interface. It features a blue header with the "StackPBL" title. Below the header, there is a "User Login" section with two input fields: "Enter Username" and "Enter password". A blue "SIGN IN" button is positioned below the password field. To the right of the login form, there is a graphic of a tablet displaying the STACK IOT logo and a QR code. Below the tablet, there is a graphic of a physical display showing inventory information for "wipro hydraulics", including "Qty: 1000", "Part No : 123456", and "Net Qty: 1900". At the bottom of the page, there is a STACK IOT logo, the text "Developed by StackIOT Technologies Private Limited", and a support contact link: "For support, contact: support@stackiot.tech".

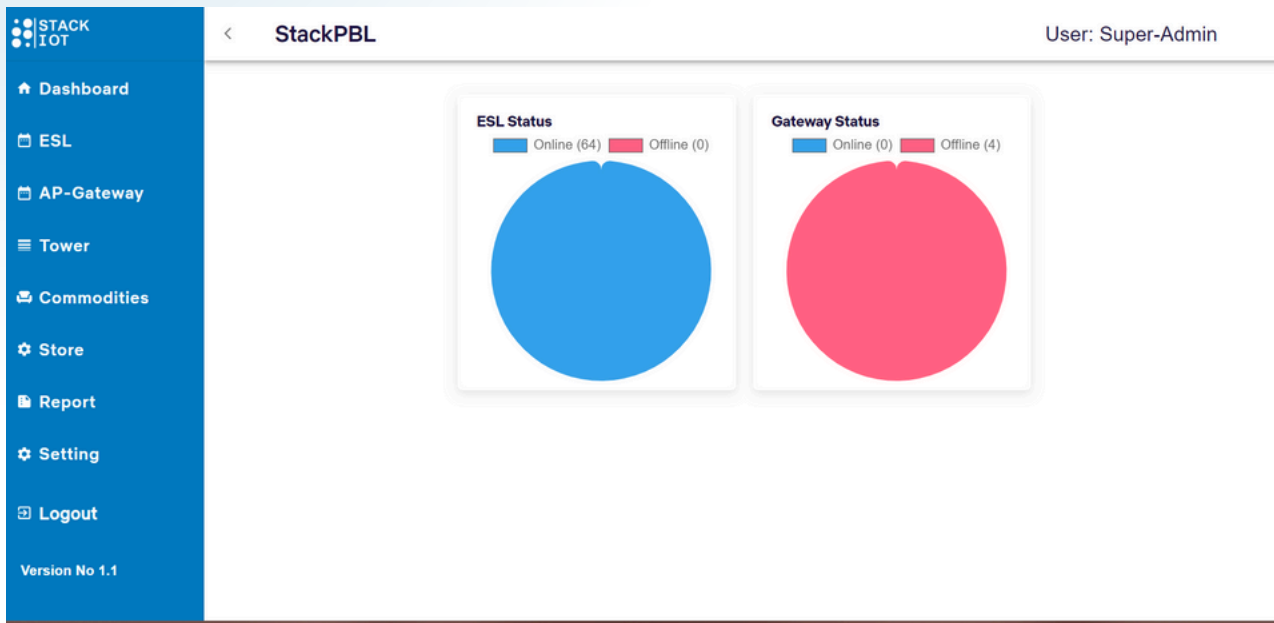
**Fig.4 Login Page**

PBL Server will be installed at your local premises to access and manage all inventories PBL Displays.

USERNAME – admin

Password – Wipro@2024

URL – <http://10.121.206.4:5001>



**Fig.5 PBL Server Dashboard**

# ROUTER Installaion

Router is preconfigured to connect and work with the PBL Server and PBL Gateways.

WIFI SSID - Stack

Password - Admin#4213

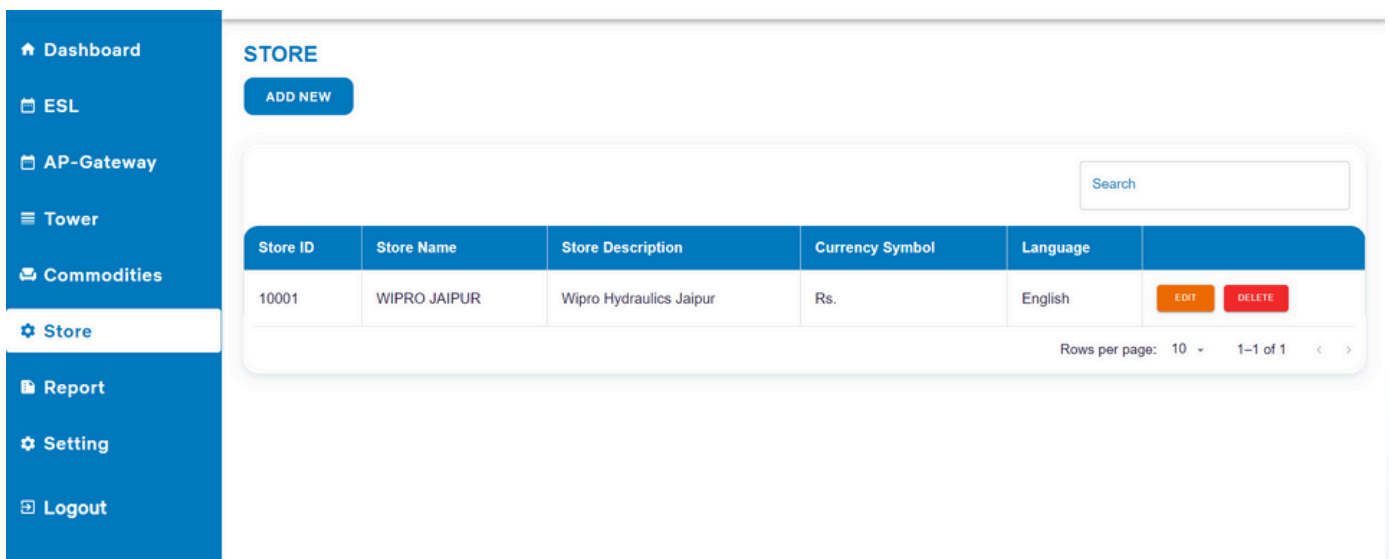
# PBL CONFIGURATION



PBL Displays will be configured on PBL Server with the help of PBL addresses provided at the right side of the PBL displays.

Steps to configure PBL System from base:

## 1. Store Creation



**Fig. 6 Store Creation**



## 2. ESL Configuration



After store creation, ESL Display configuration will start.

Now, go to the ESL tab on PBL server page. Here we have two option to add new PBL displays to connect /register on the server.

### 1. Add New button

A screenshot of the "ESL: 100072" configuration form. The form has a sidebar on the left with navigation icons. The main area contains several input fields: "Select Store" (WIPRO JAIPUR), "ESL Address" (BC:02:6E:07:A4:6C), "ESL Name" (t9), "ESL Description" (empty), "Select Model Name" (GD 2.13 BWR), "Select Commodity" (BSGNCSA10010), "Rack Code" (SB1), "PickList ID" (16530), and "Pickup Qty." (15). The form is titled "ESL: 100072" and has a close button (X) in the top right corner.

### 2. Bulk Upload

A screenshot of the "Upload Bulk Data" form. The form has a sidebar on the left with navigation icons. The main area contains a large dashed box for file upload, with a cloud icon and the text "Drag and drop an Excel file here, or click to select one." Below this is a "Selected file" input field and a large blue "UPLOAD" button. The form is titled "Upload Bulk Data" and has a close button (X) in the top right corner.

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While using ADD new button you need to follow the steps and provide the required info:

- You will be able to add one PBL display at a time.
- First, select the “store”
- Provide PBL Address Noted from the Right Side sticker of PBL Tag
- Provide a “name”
- select “model name”
- provide “RACK CODE”

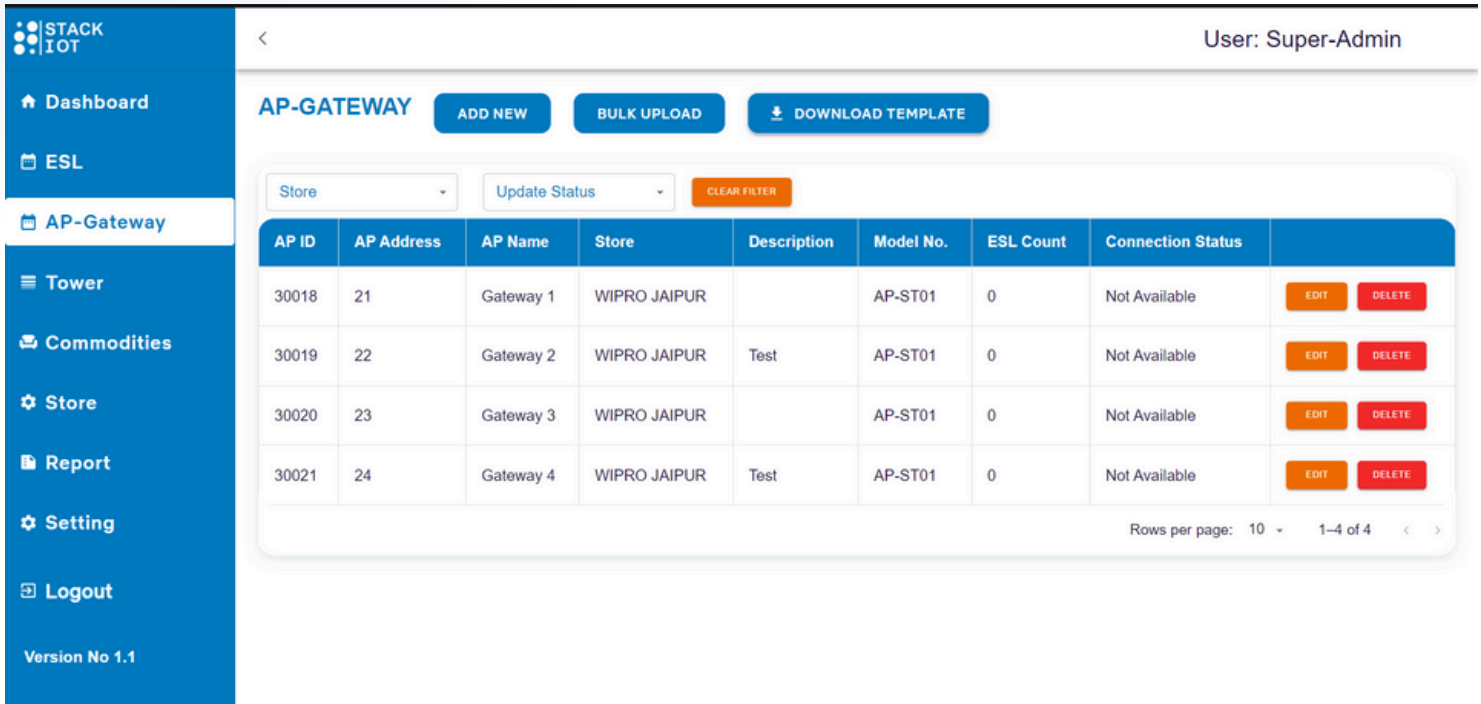
While using Bulk Upload button you need to follow the steps and provide the required info:

- you can download the bulk upload info template from the given download button.
- provide the required info in the excel sheet
- then upload the excel sheet on the server using the “BULK Upload” button.
- And enter.

**[Note:** You can check the battery status, connected gateway status, PBL tags connection status and PBL Addresses as well as their update status on the ESL tab of the server.]

# Gateway Configuration

Gateways already configured to connect as well as it and PBL server connect with your network.



AP ID	AP Address	AP Name	Store	Description	Model No.	ESL Count	Connection Status	
30018	21	Gateway 1	WIPRO JAIPUR		AP-ST01	0	Not Available	<button>EDIT</button> <button>DELETE</button>
30019	22	Gateway 2	WIPRO JAIPUR	Test	AP-ST01	0	Not Available	<button>EDIT</button> <button>DELETE</button>
30020	23	Gateway 3	WIPRO JAIPUR		AP-ST01	0	Not Available	<button>EDIT</button> <button>DELETE</button>
30021	24	Gateway 4	WIPRO JAIPUR	Test	AP-ST01	0	Not Available	<button>EDIT</button> <button>DELETE</button>

Steps to add a gateway to be followed:

- go to “AP-Gateway” tab
- click on “ADD NEW” button
- select the store
- provide a name
- provide gateway “Address”
- model no ”AP-ST01”

# Reports



STACK IOT

Dashboard

ESL

AP-Gateway

Tower

Commodities

Store

Report

Setting

Logout

Version No 1.1

User: Super-Admin

Pick List Summary

Status

Updated Status

Start Date  
dd-mm-yyyy

End Date  
dd-mm-yyyy

×

PRINT TABLE

ID	Picklist ID	Hash of Locations	Creation Date & Time	Status	Updated Date & Time	Updated Status	Task Status	Duration
No data available								

Rows per page: 10 0-0 of 0

On the Report tab , we can see the picklist summary details that has been updated, picked, or yet to be picked, failed attempts.

## Troubleshooting

Troubleshooting Points:

- check power (Adopter, switch board)
- device on /off
- network connectivity

**Note:** if server is not working, or gateway is not showing connected, please contact:  
techsupport@stackiot.tech

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