

License Plate Access Control

1. Introduction

Access control systems are security solutions designed to regulate and monitor entry to physical or digital spaces, ensuring that only authorised individuals gain access. Access control systems improve safety, make operations easier, and safeguard important assets by using technologies like key cards, fingerprints, QR codes, and password authentication. Residential buildings, commercial properties, and industrial facilities widely use these systems to effectively manage the movement of people and vehicles. Beyond security, access control systems also provide administrators with valuable data to monitor activities, improve efficiency, and enforce policies, making them an essential component of modern property and organisational management.

2. Set Up License Plate Access Control

This tutorial offers a thorough process for using the VYROX VIP Smart AIoT Devices, created by VYROX INTERNATIONAL SDN BHD, to optimise and improve building and facility operations. Property managers, building administrators, and facility operators can easily link and manage various systems, like Licence Plate Access Control, using VYROX's VIP AIoT tools, which are a complete set of smart solutions. These AIoT devices provide improved security, greater operational efficiency, and smarter decision-making by integrating hardware and software into a single, cohesive platform.

2.1 Vehicle Plate Recognition Access

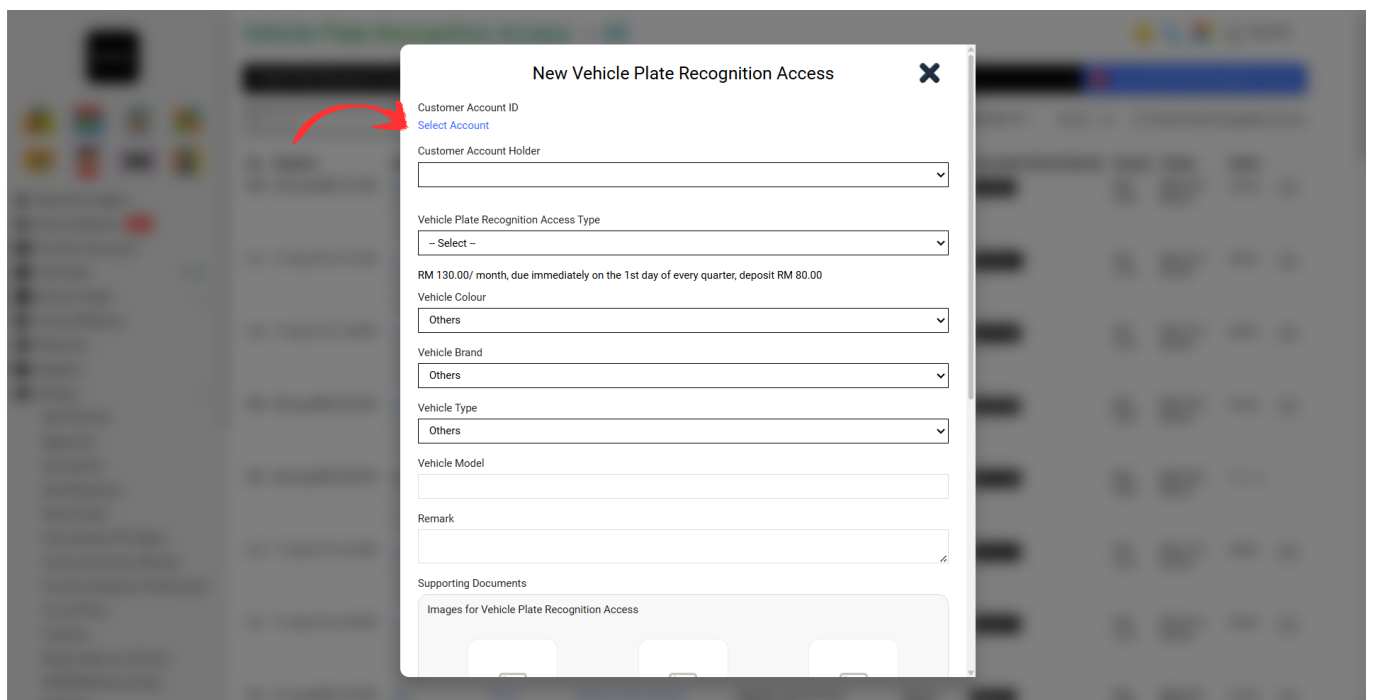
Go to **Vehicle Plate Recognition Access > Vehicle Plate Recognition Access > Fill in details > Add**

Details include:

1. Select Account
2. Customer Account Holder
3. Vehicle Plate Recognition Access Type
4. Fill details of Your Car
5. Images for Vehicle Plate Recognition Access

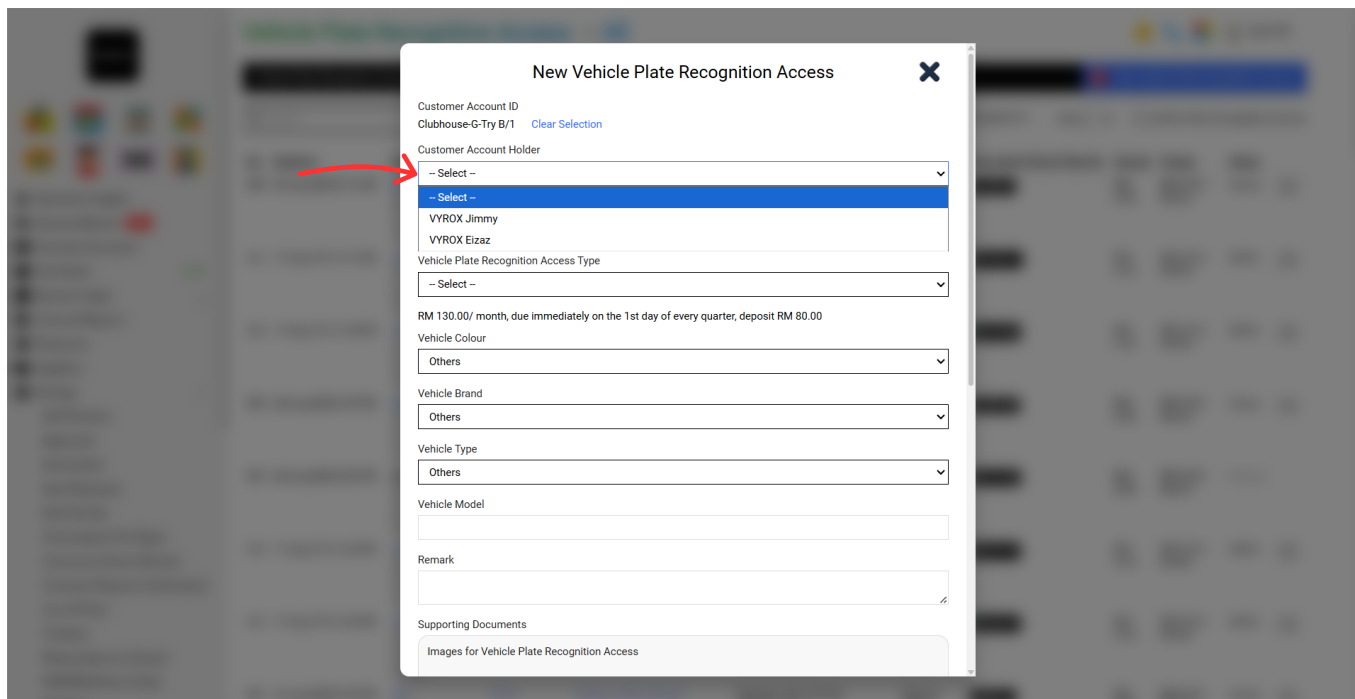
Step 1:

Click "Select Account"



Step 2:

Select "Customer Account Holder"



Step 3:

Select "Face Recognition Access Type"

Step 4:

Fill in the blank about details of Your Car

Step 5:

Take picture and insert at "Images for Vehicle Plate Recognition Access"

After that, Click "Add"

2.2 UltraPass Vehicle

Go to **Setting > AIoT Devices > SuperPAss Vehicle**

The screenshot shows the 'UltraPASS-Vehicle' settings page. The left sidebar contains various system modules like 'Operation Insights', 'Security Monitor', 'Customer Accounts', etc. The top navigation bar includes buttons for 'SuperPASS-Door', 'SuperPASS-Lift', 'UltraPASS-Face', 'UltraPASS-Vehicle' (selected), 'SecurityGPT-Stranger', 'PrivacyCALLER', 'PowerMONITOR', 'AUTOSERVA', and 'PayPerUse QR'. Below this, there are buttons for 'Delivery Lockers' and 'Parking Locks'. The main content area has a search bar and a table of cameras. A red box highlights the '+ New UltraPASS-Vehicle Device' button. The table has columns for 'No.', 'Created', 'Name', 'IP Address', and 'Type'. One camera is listed: 'BionicEYE Camera 1' with IP 'arvoreresidences.ddns.net:80' and type 'In'. Below the table are icons for PDF, XLS, and other file formats, and a 'Showing 1 to 1 of 1 cameras' indicator with 'Prev' and 'Next' buttons.

Details include:

1. IP Camera Name
2. Access Direction
3. IP Address & Port
4. Server Port
5. Username & Password

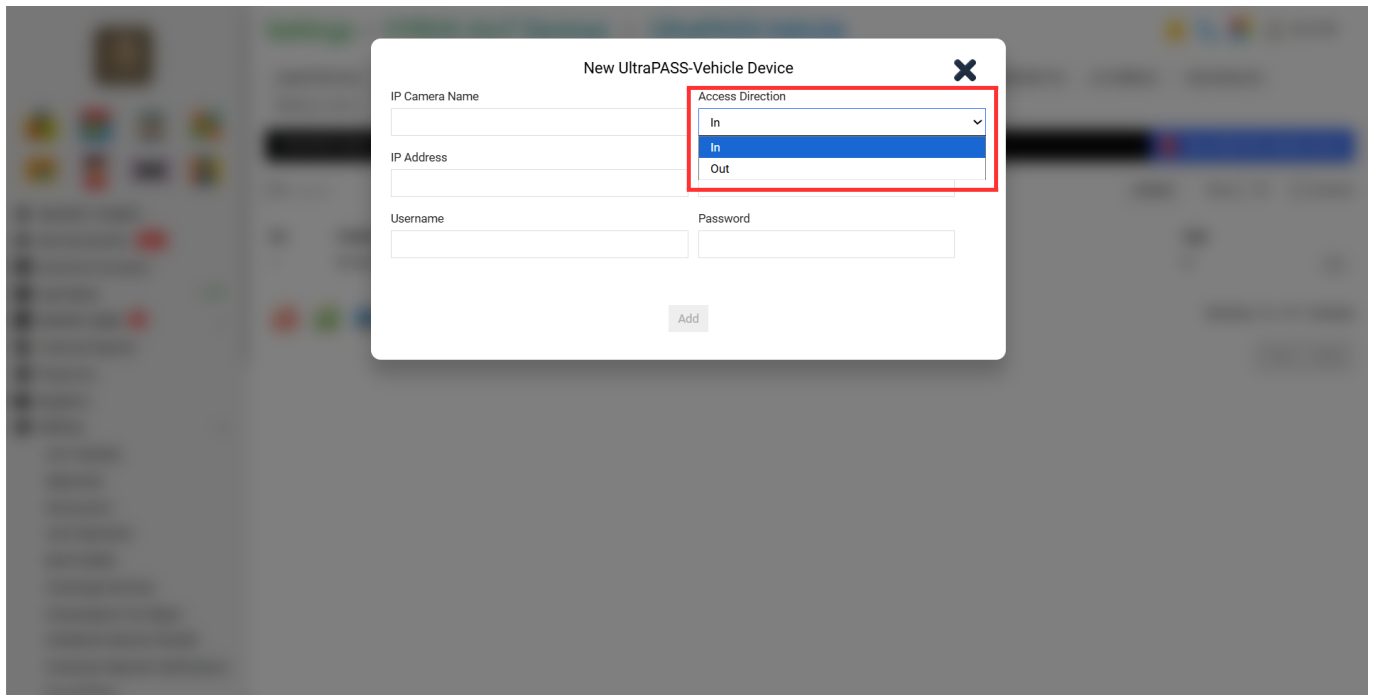
Step 1:

Fill in blank "IP Camera Name"

The screenshot shows a modal window titled 'New UltraPASS-Vehicle Device'. It contains several input fields: 'IP Camera Name' (highlighted with a red box), 'Access Direction' (a dropdown menu with 'In' selected), 'IP Address', 'Port', 'Username', and 'Password'. An 'Add' button is located at the bottom of the modal.

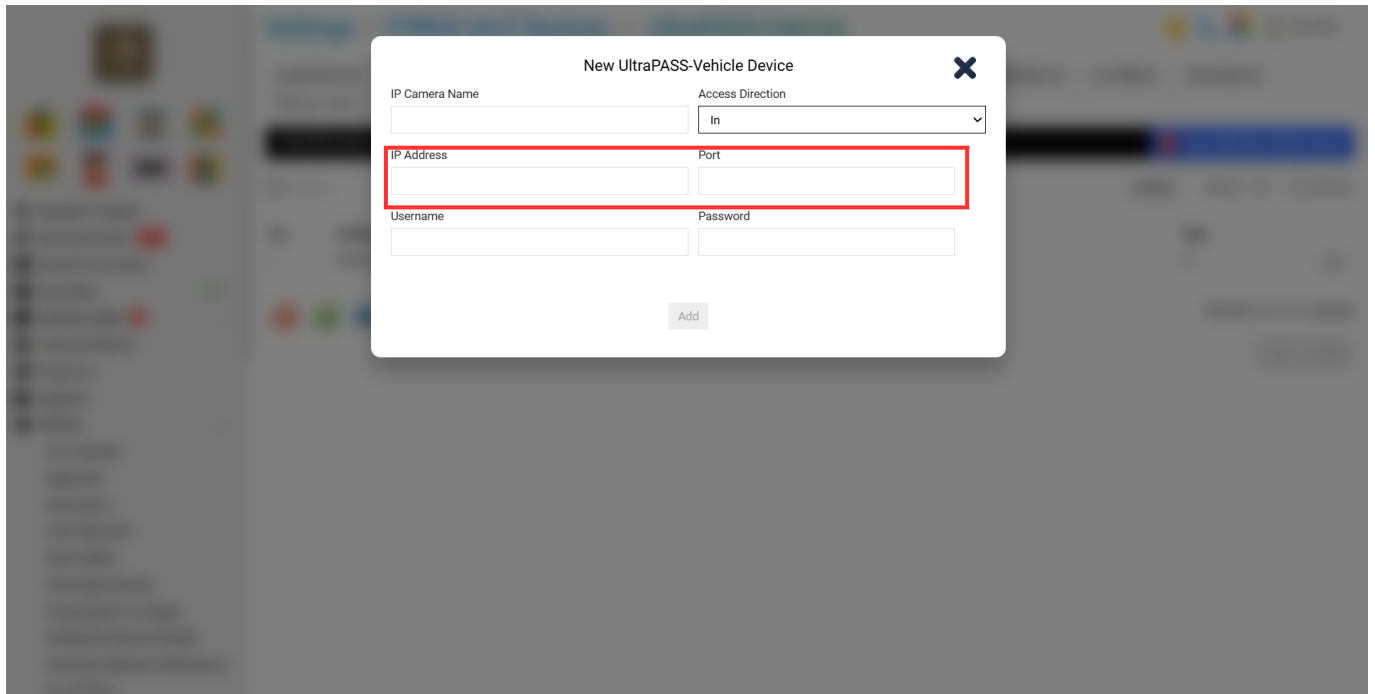
Step 2:

Select "Access Direction"

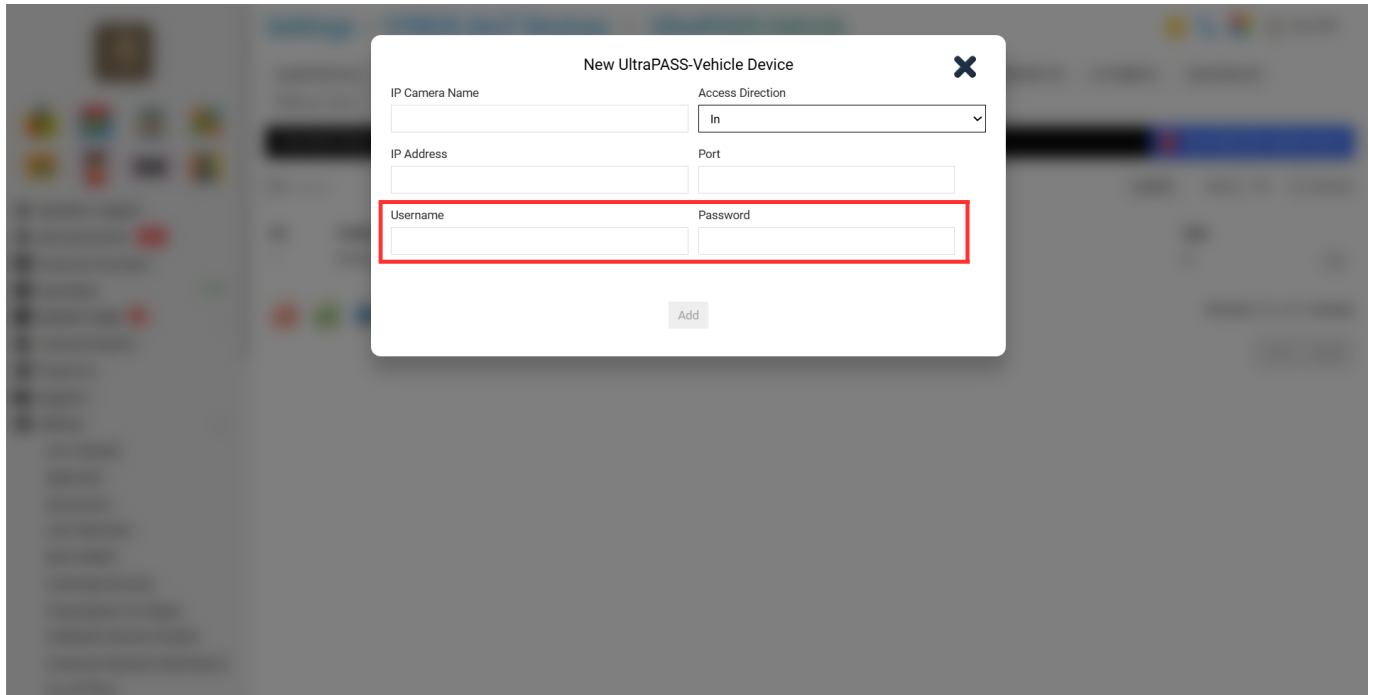


Step 3:

Fill in the Blank "IP Address & Port"



Step 4: Fill in the blank "Username & Password".



After done keying in all information, Click "Add"

3. CONFIGURATION INSTRUCTIONS FOR PROPERTIES

This guide shows you step-by-step how to set up the Properties Unit part of VYROX VIP Smart Integrated Property Management System, which was created by VYROX INTERNATIONAL SDN BHD. Property managers, building officials, and facility workers can make and handle each unit, making sure that the information about each unit is always correct. Then, each unit can be easily connected to the UltraPass car module for managing car entry. This way, records for each unit can be directly tied to safe and automated access permits.

3.1 Configuration Properties

Go to **Properties > Units > Three Lines in the box.**

Properties > Units

Units | Levels | Towers/Blocks | Common Areas | Parking Zones | Parking Lots | Parking Lot Types

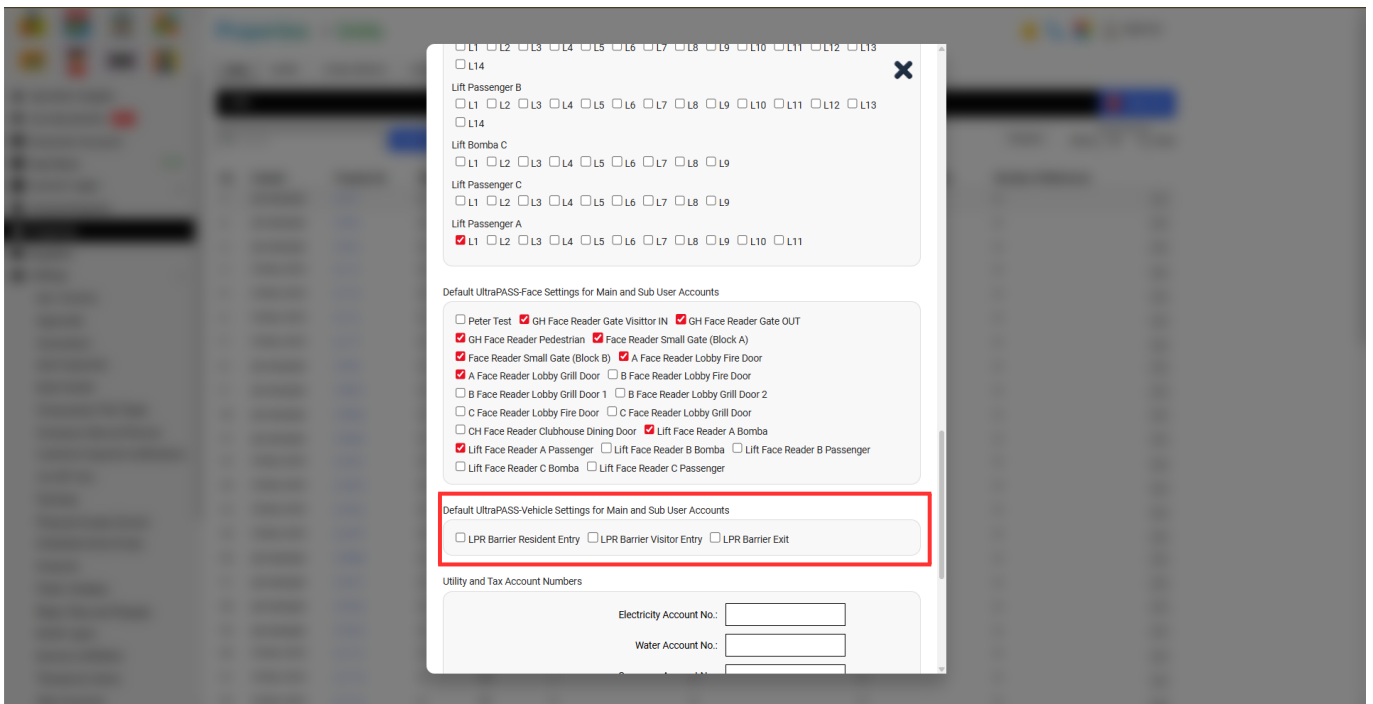
Units Deleted Show 50 Units

Search Search

No.	Created	Property No.	Size (ft ²)	Share Unit	Reserved Parking Lots	Non-Reserved Parking Lots	Number of Bedrooms	Number of Bathrooms	
1	25-Feb-2025	A-1-1	0	91	2	0	0	0	☰
2	25-Feb-2025	A-1-2	0	105	2	0	0	0	☰
3	25-Feb-2025	A-1-3	0	67	1	0	0	0	☰
4	25-Feb-2025	A-1-4	0	89	1	0	0	0	☰
5	25-Feb-2025	A-1-5	0	67	1	0	0	0	☰
6	25-Feb-2025	A-1-6	0	89	1	0	0	0	☰
7	25-Feb-2025	A-1-7	0	91	2	0	0	0	☰
8	25-Feb-2025	A-1-8	0	105	2	0	0	0	☰
9	25-Feb-2025	A-10-1	0	97	2	0	0	0	☰
10	25-Feb-2025	A-10-2	0	111	2	0	0	0	☰
11	25-Feb-2025	A-10-3	0	67	1	0	0	0	☰
12	25-Feb-2025	A-10-4	0	89	1	0	0	0	☰
13	25-Feb-2025	A-10-5	0	67	1	0	0	0	☰
14	25-Feb-2025	A-10-6	0	89	1	0	0	0	☰
15	25-Feb-2025	A-10-7	0	97	2	0	0	0	☰
16	25-Feb-2025	A-10-8	0	111	2	0	0	0	☰
17	25-Feb-2025	A-11-1	0	97	2	0	0	0	☰
18	25-Feb-2025	A-11-2	0	111	2	0	0	0	☰
19	25-Feb-2025	A-11-3	0	67	1	0	0	0	☰

Step 1

Tick and select , “Default UltraPASS-Vehicle Settings for Main and Sub User Accounts”



Note: Please tick according to the following unit-level floor and block.

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