ACCESS CONTROL SYSTEM

Introduction

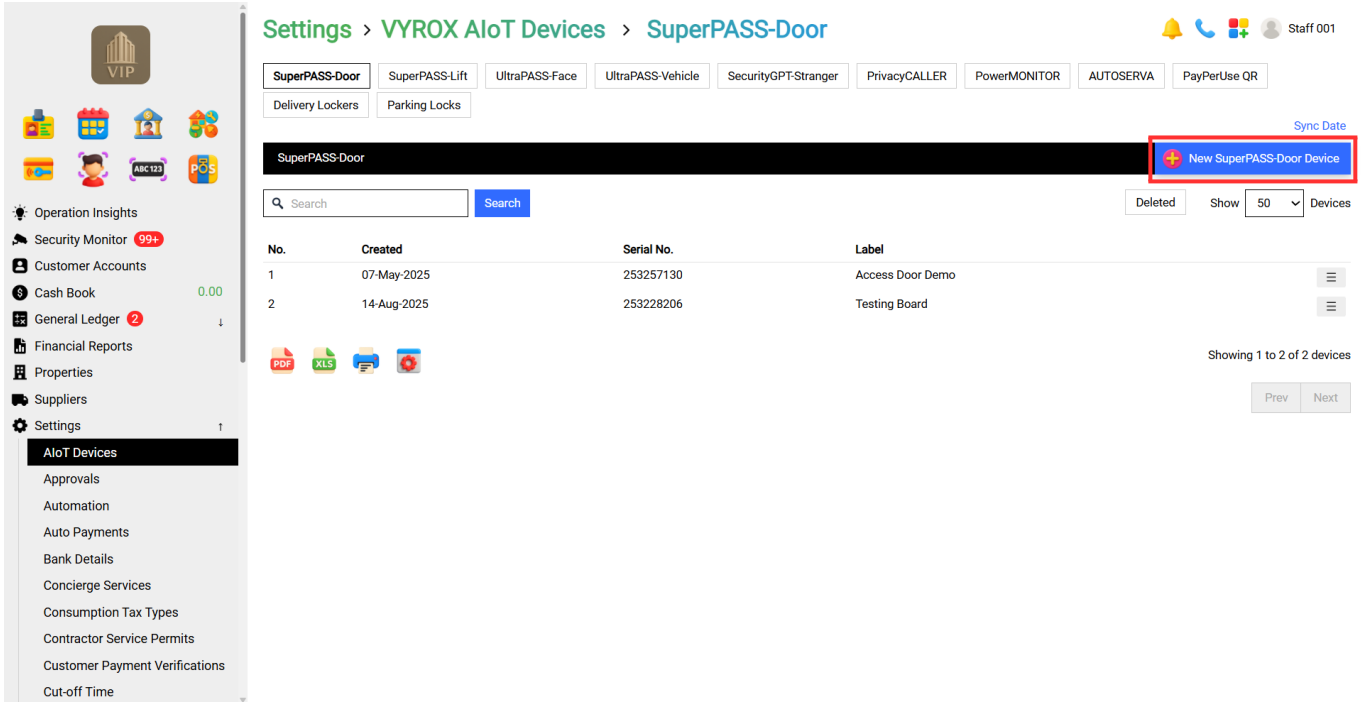
An access control system is a security solution designed to regulate and monitor entry to physical or digital spaces, ensuring that only authorised individuals gain access. Access control systems improve safety, make operations easier, and safeguard important assets by using technologies like key cards, 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.

1. AIoT DEVICES

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 may easily connect and operate several systems, including SuperPass-Door, SuperPass-Lift, UltraPass Face, and UltraPass Vehicle, with the help of VYROX's VIP AIoT tools, a full suite of intelligent solutions. These AIoT devices provide for improved security, more operational efficiency, and more intelligent decision-making by integrating hardware and software into a single, cohesive platform.

1.1 SuperPass-Door

Go to **Setting > AIoT Devices > SuperPAss-Door**

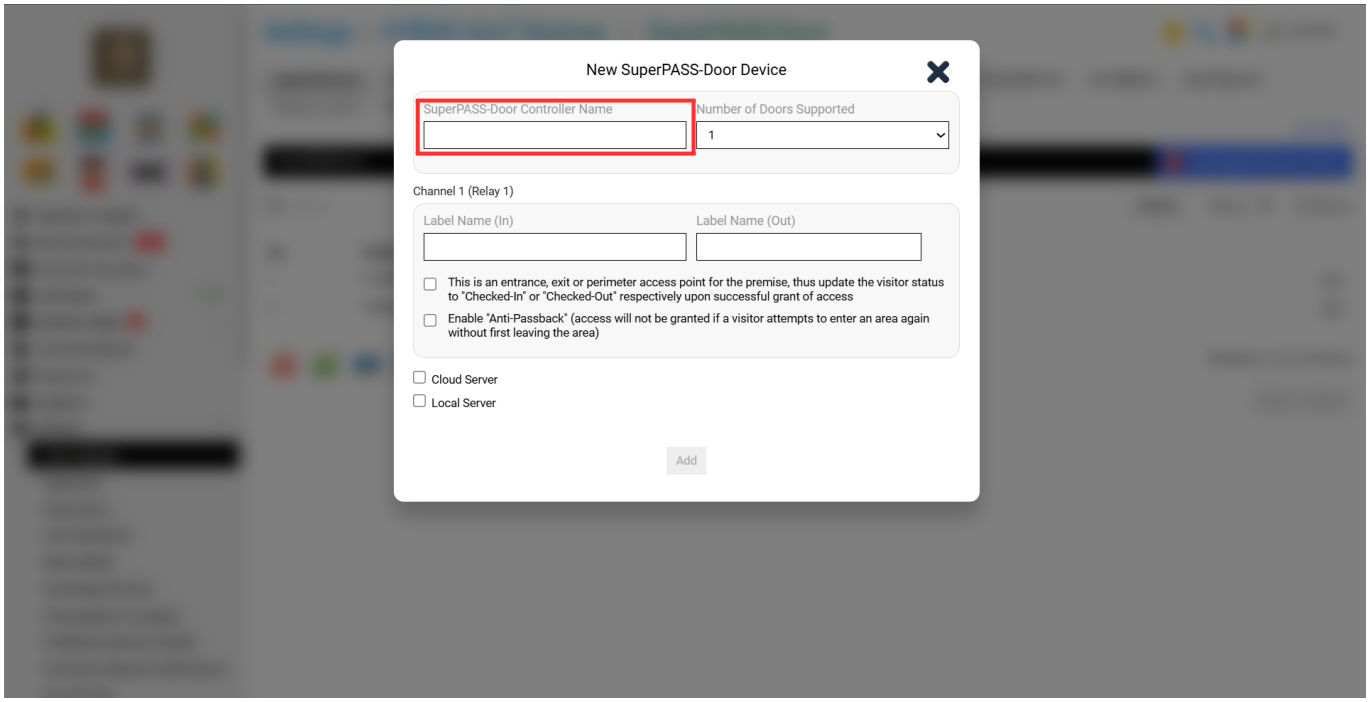


Details include:

1. SuperPass-Door Controller Name
2. Number of Doors Supported
3. Label Name in Channel
4. Cloud Server
5. Cloud Server API Key
6. SuperPASS-Door Controller Serial Number

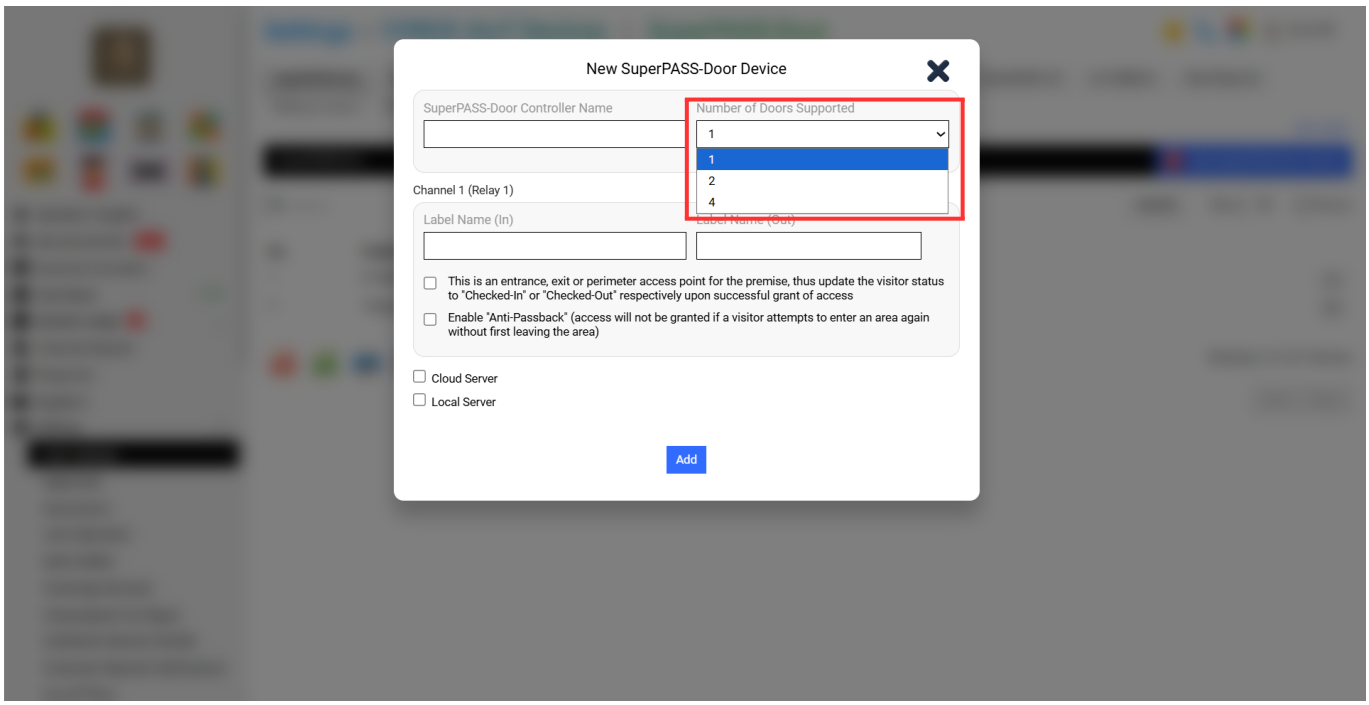
Step 1:

Fill in the blank. “**SuperPass-Door Controller Name**”



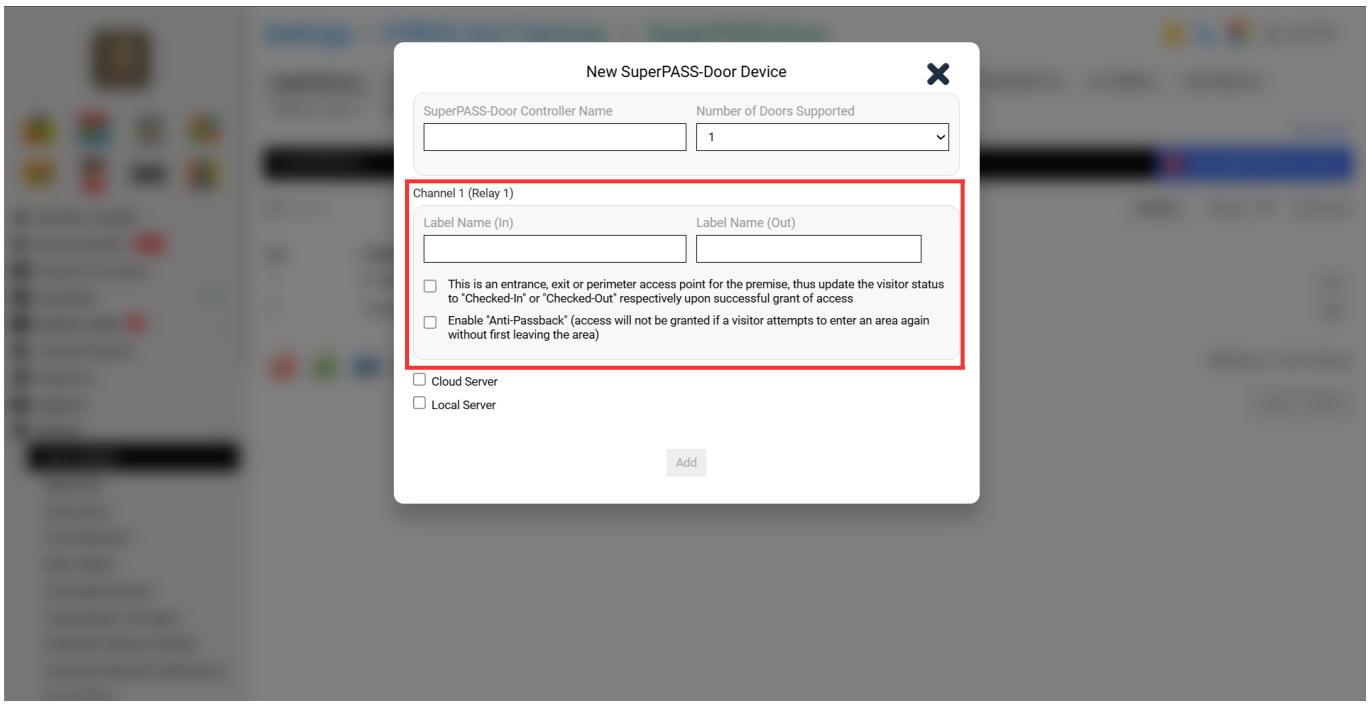
Step 2:

Select “**Number of Doors Supported**”

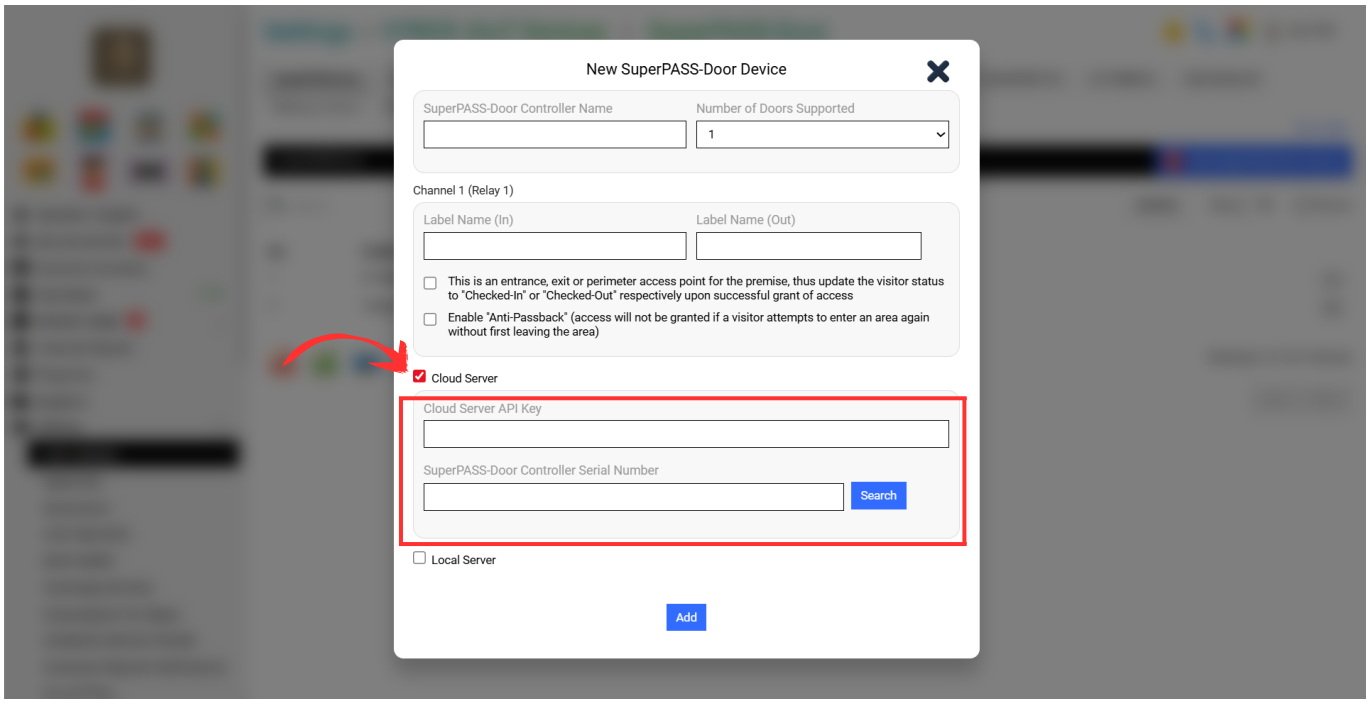


Step 3:

Fill in the Blank “**Label Name in Channel**”



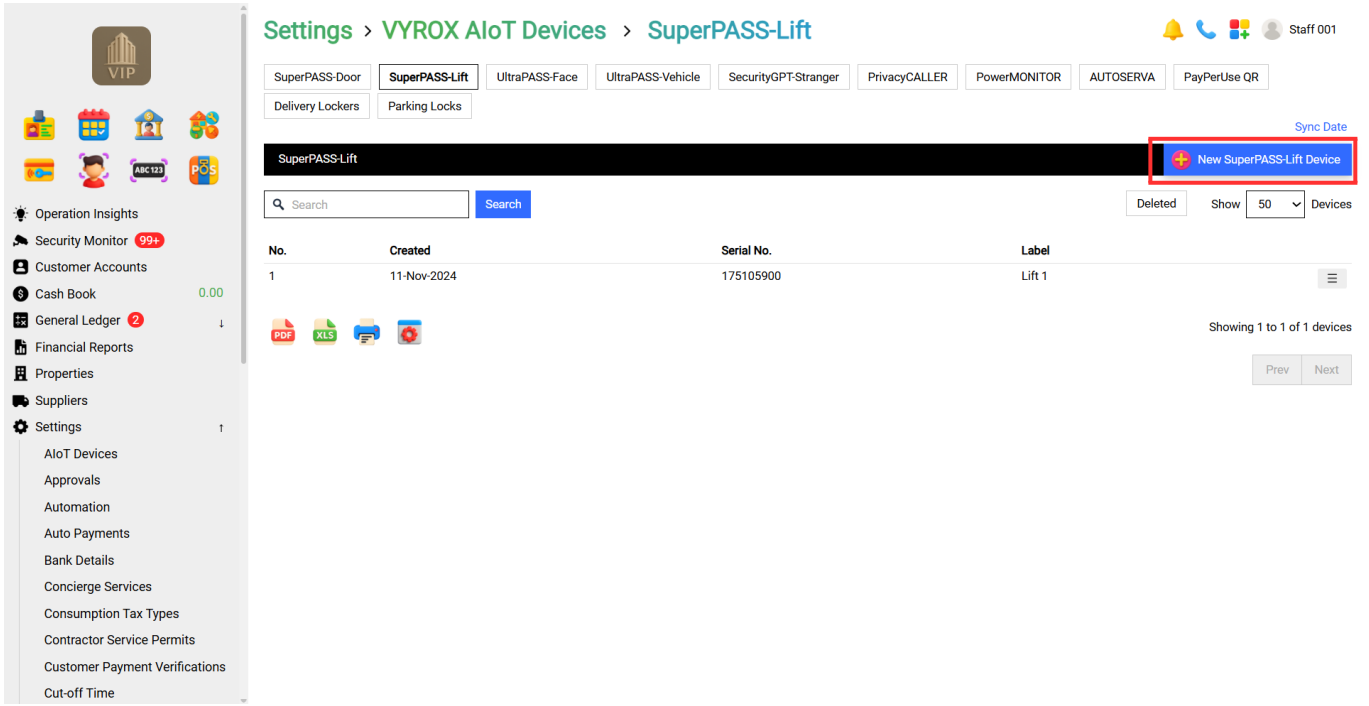
Step 4: Tick Cloud Server and Fill in the blank “**Cloud Server API Key & SuperPASS-Door Controller Serial Number**”.



After done keying in all information, Click “Add”

1.2 SuperPass-Lift

Go to **Setting > AIoT Devices > SuperPAss-Lift**



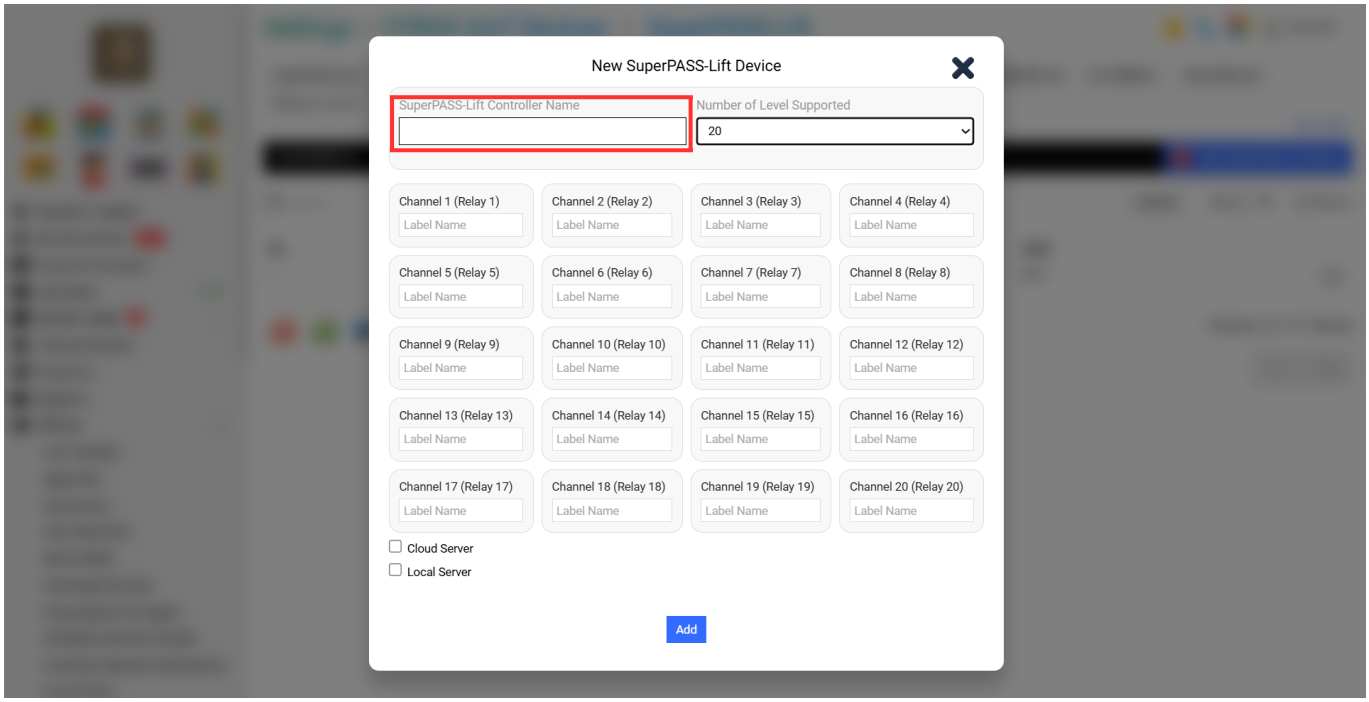
Details include:

1. SuperPass-Lift Controller Name
2. Number of Level Supported
3. Label Name in Channel
4. Cloud Server

5. Cloud Server API Key
6. SuperPASS-Lift Controller Serial Number

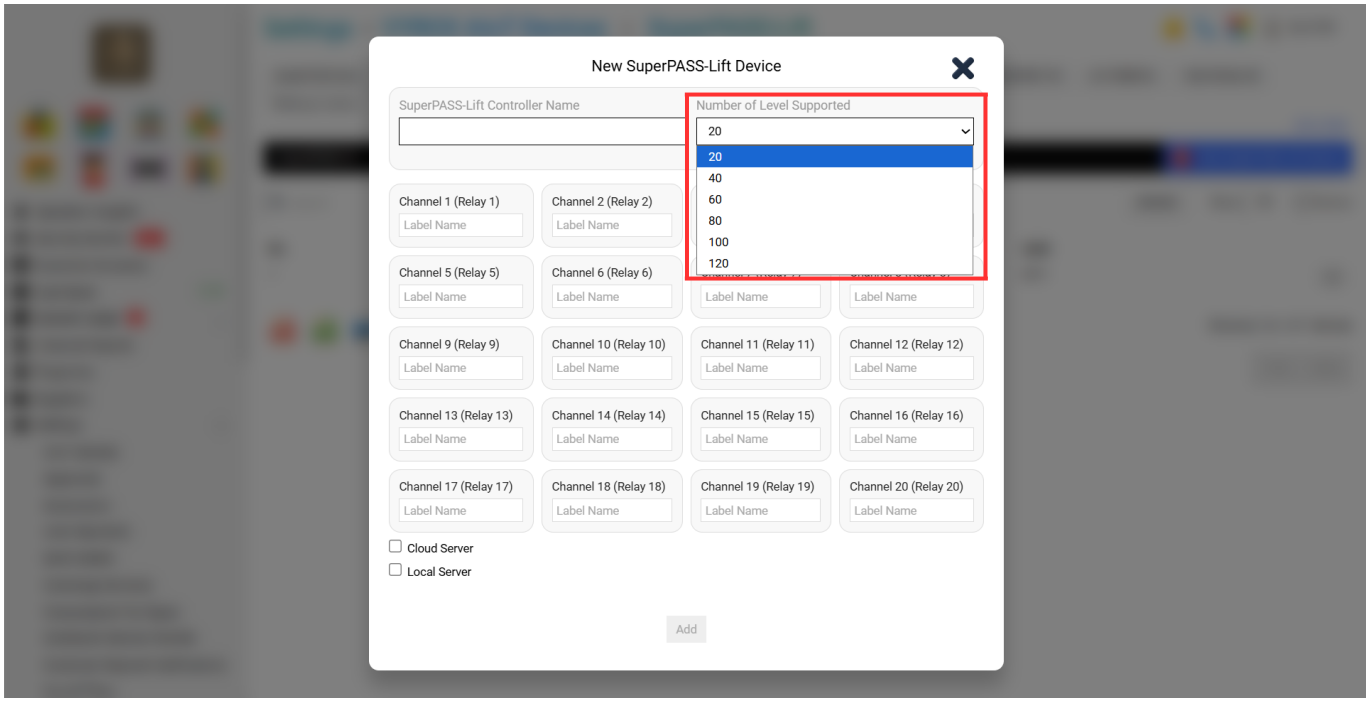
Step 1:

Fill in blank “**SuperPass-Lift Controller Name**”



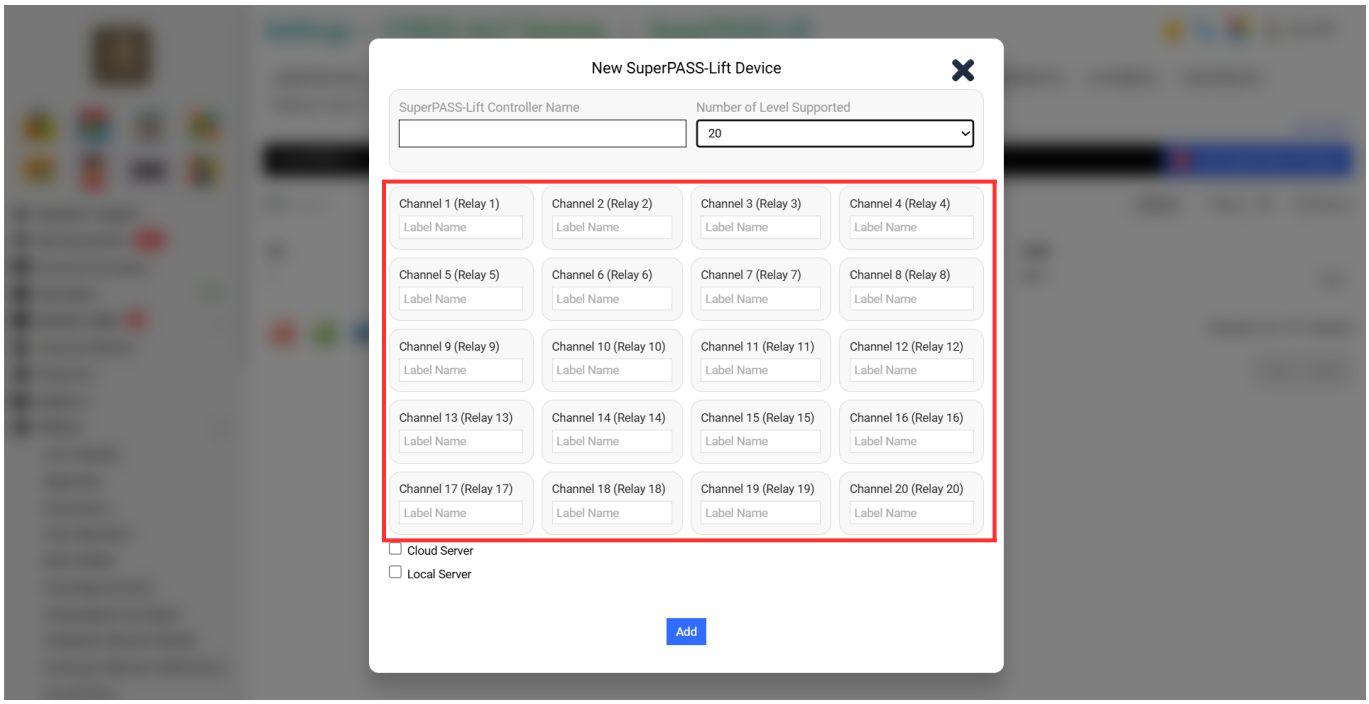
Step 2:

Select “**Number of Level Supported**”

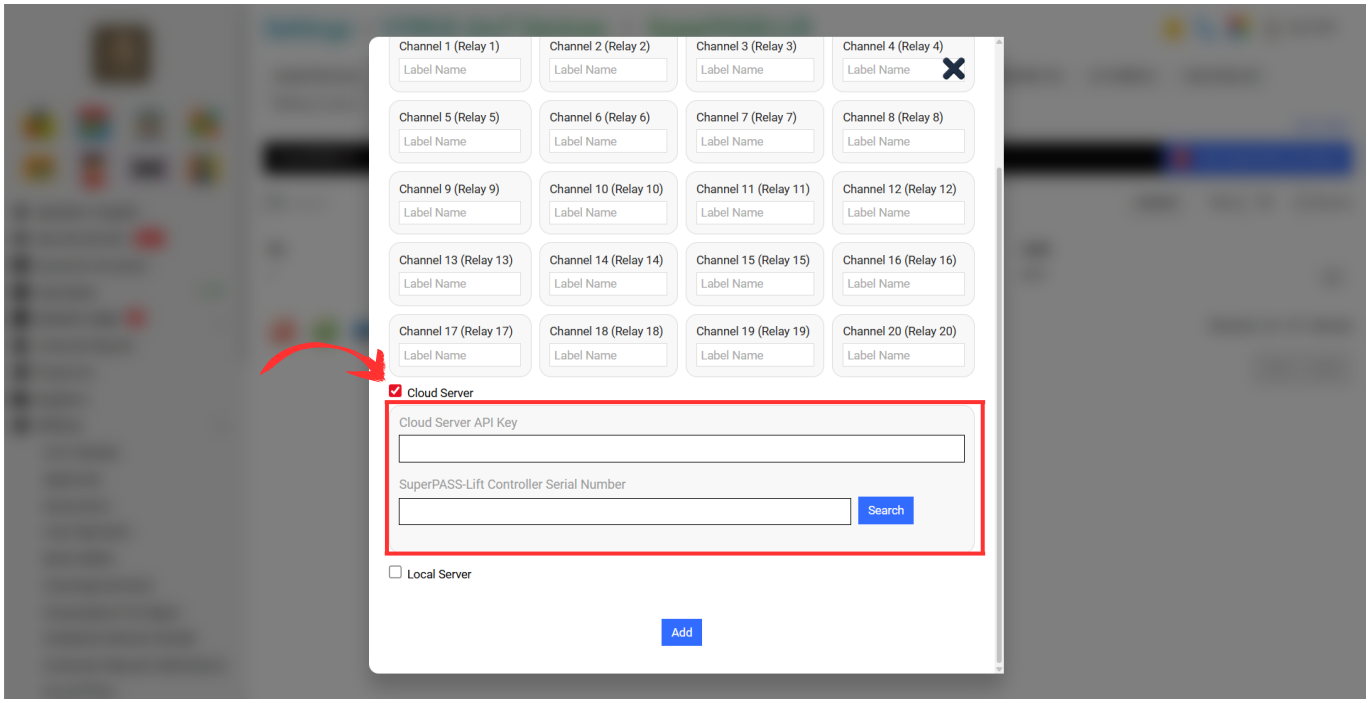


Step 3:

Fill in the Blank “**Label Name in Channel**”



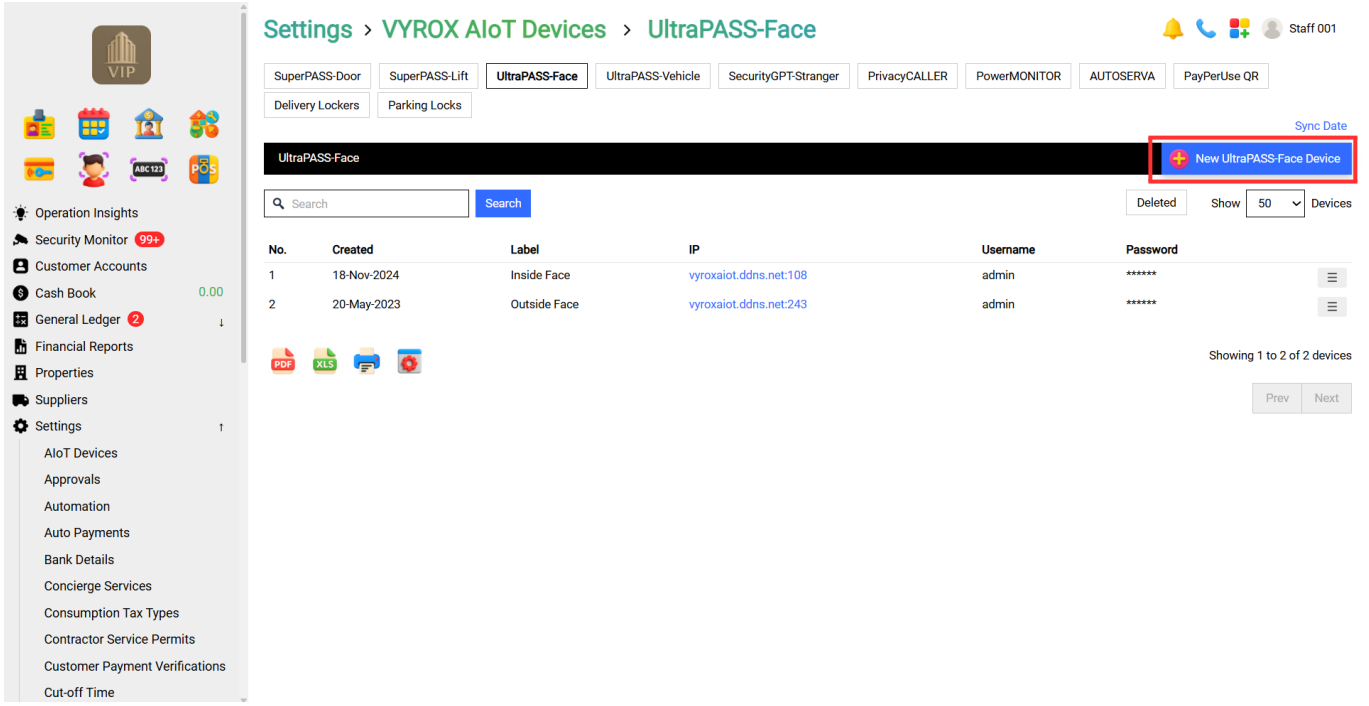
Step 4: Tick Cloud Server and Fill in the blank “**Cloud Server API Key & SuperPASS-Door Controller Serial Number**”.



After done keying in all information, Click “Add”

1.3 UltraPass Face

Go to **Setting > AIoT Devices > SuperPAss-Face**

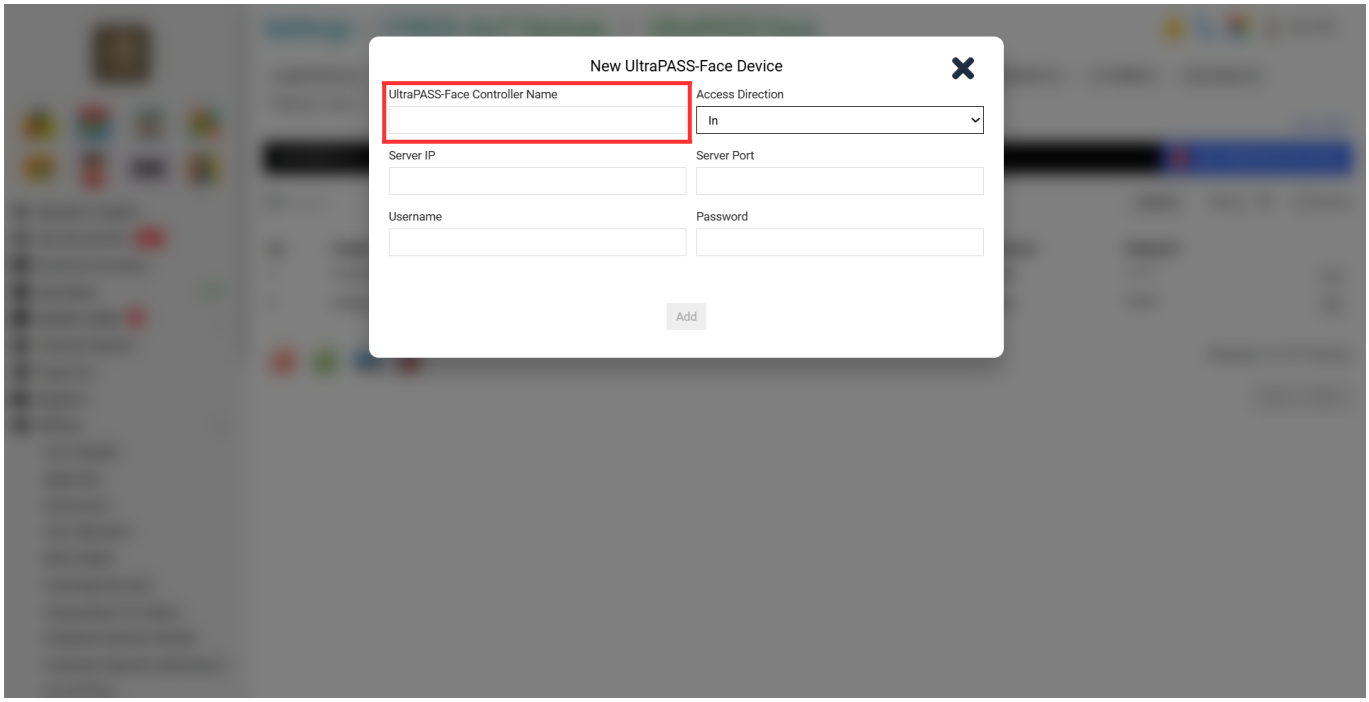


Details include:

1. SuperPass-Face Controller Name
2. Access Direction
3. Server IP
4. Server Port
5. Username & Password

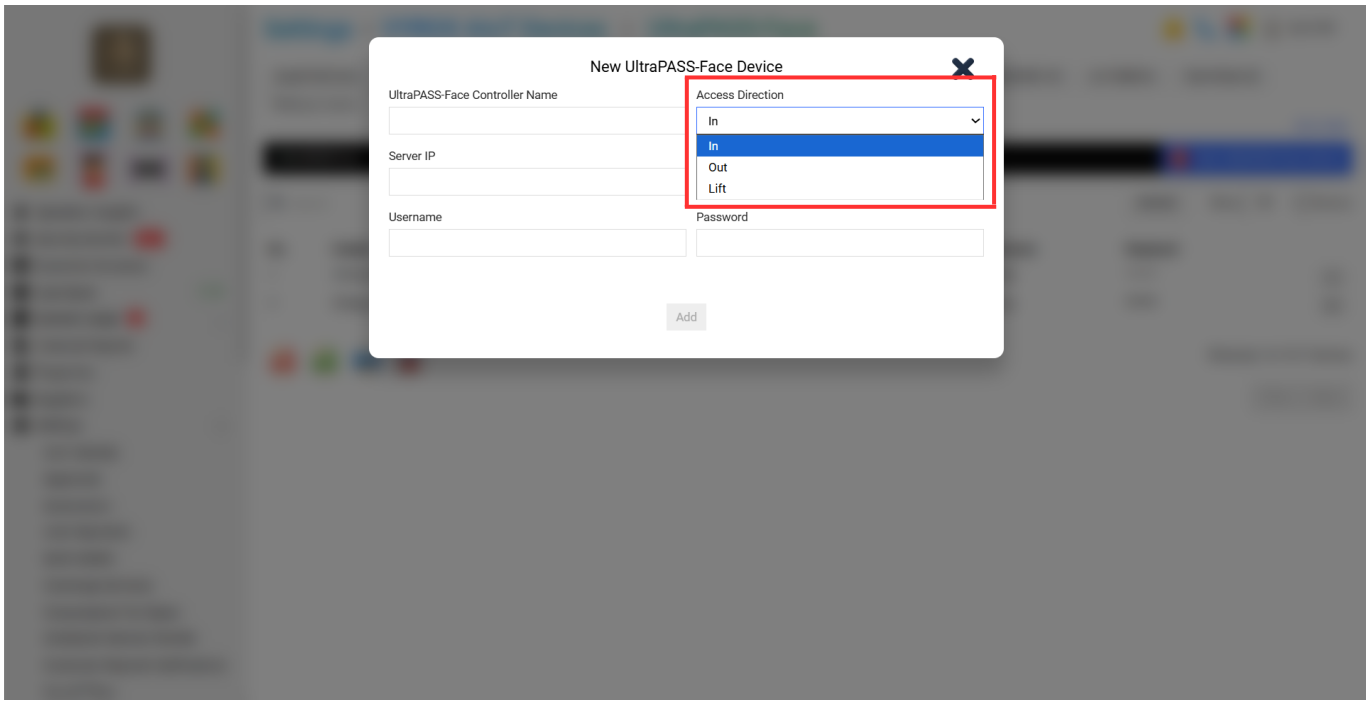
Step 1:

Fill in blank “**SuperPass-Face Controller Name**”



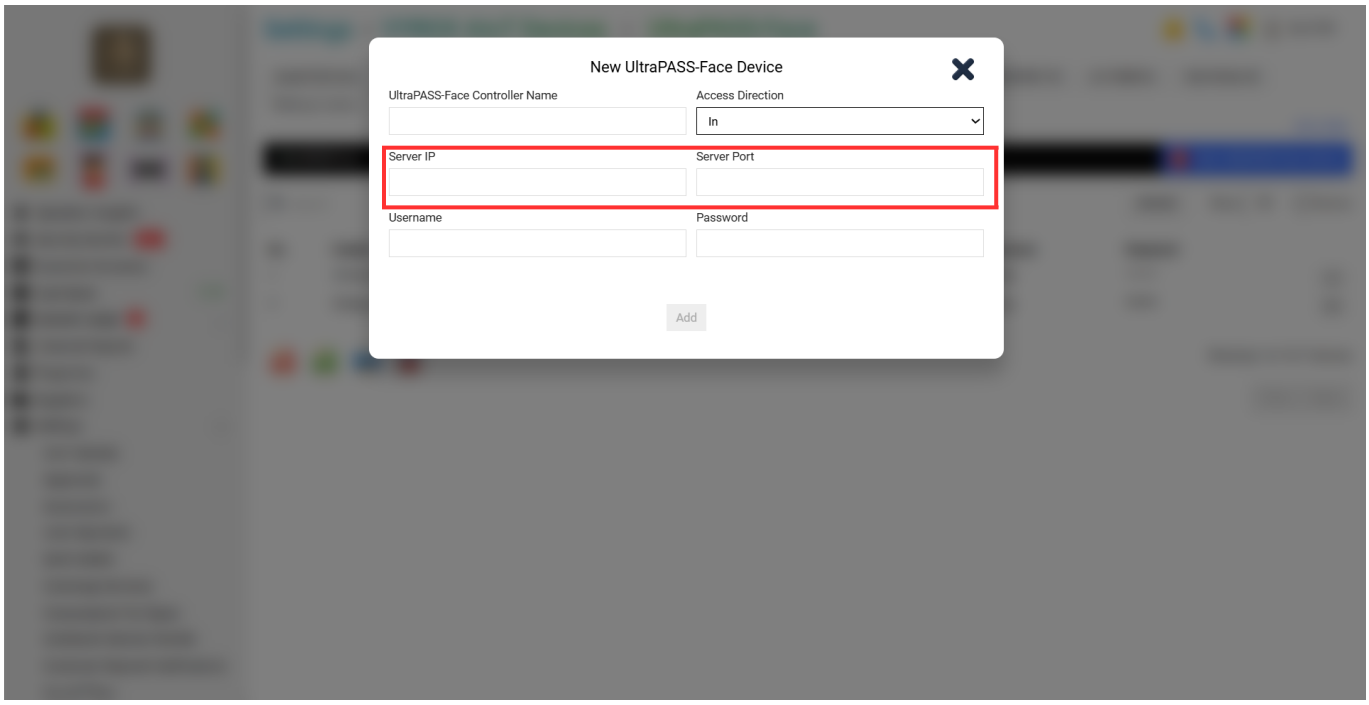
Step 2:

Select “**Access Direction**”

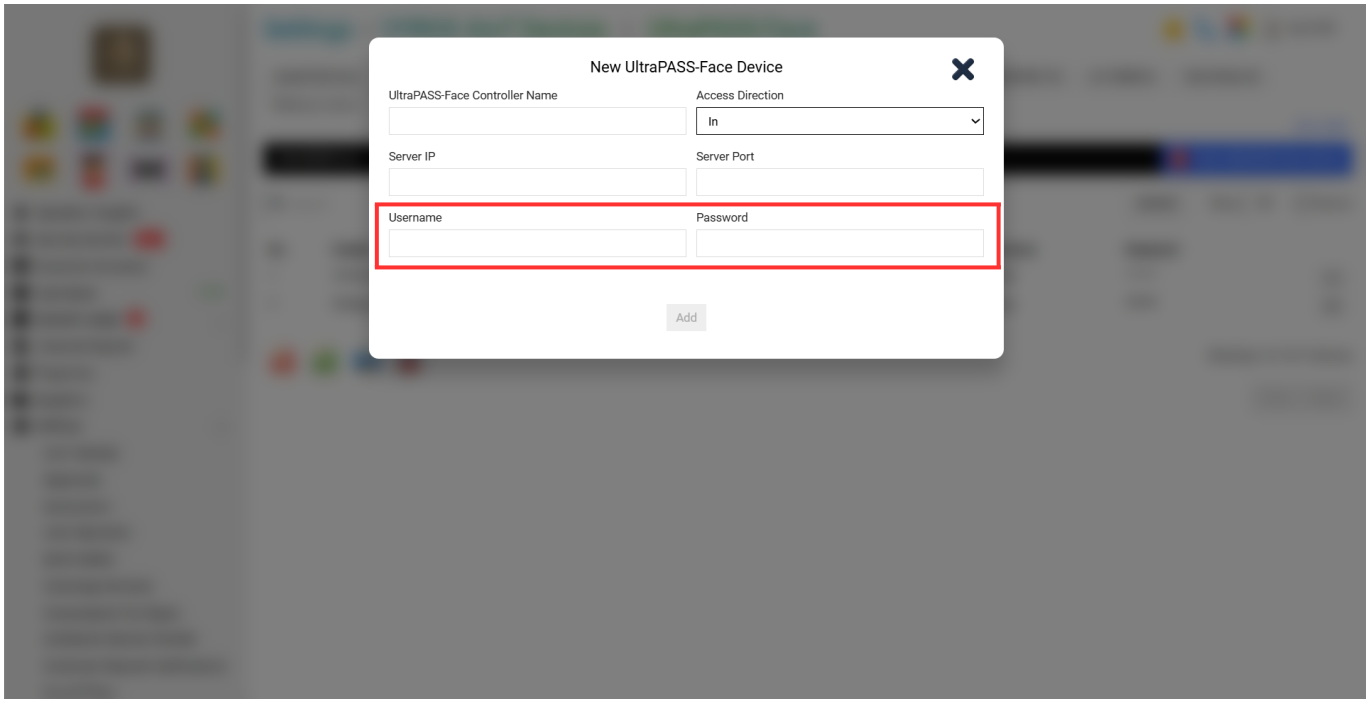


Step 3:

Fill in the Blank “**Server IP & Server Port**”



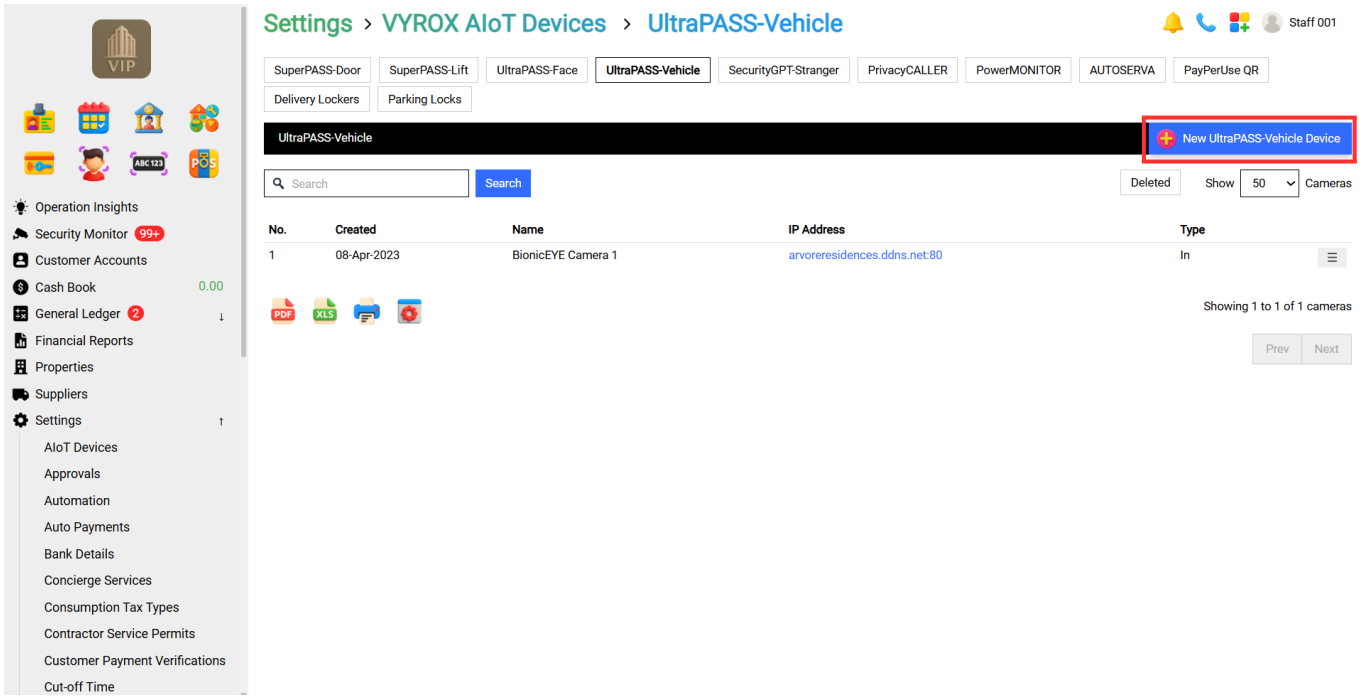
Step 4: Fill in the blank “**Username & Password**”.



After done keying in all information, Click “Add”

1.4 UltraPass Vehicle

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

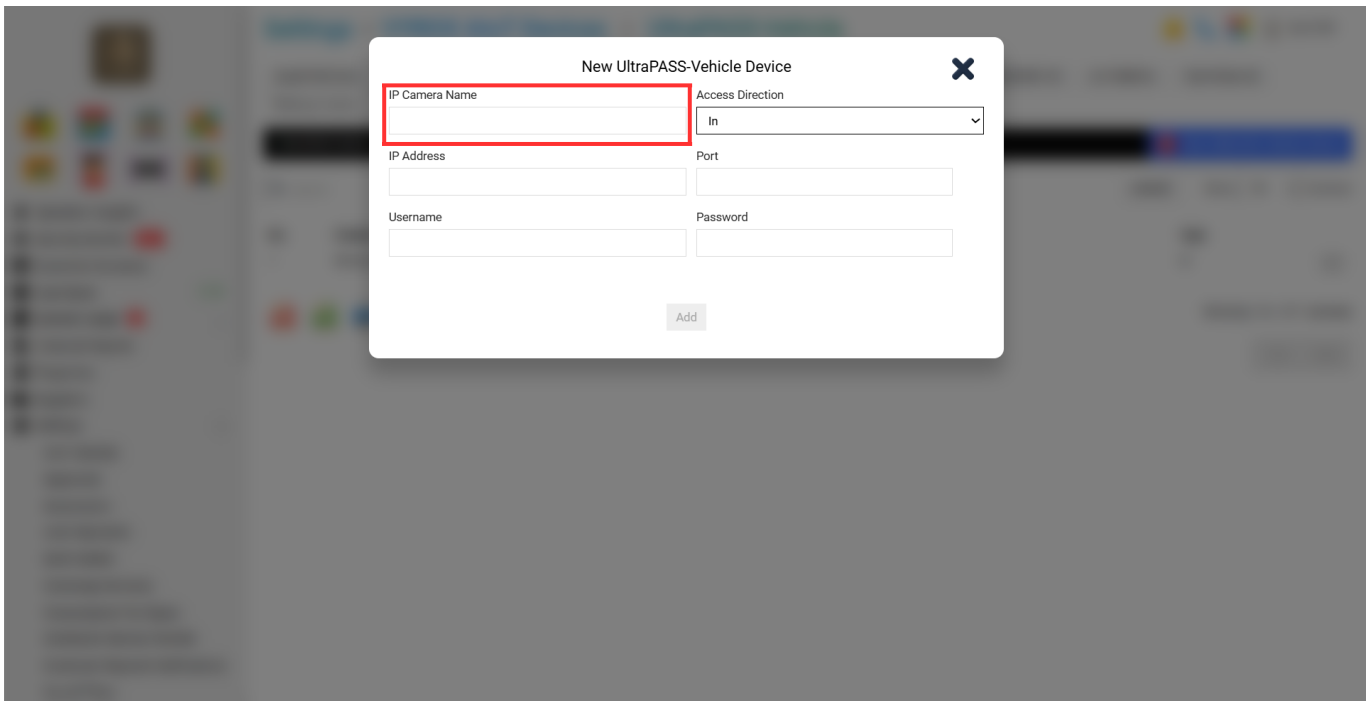


Details include:

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

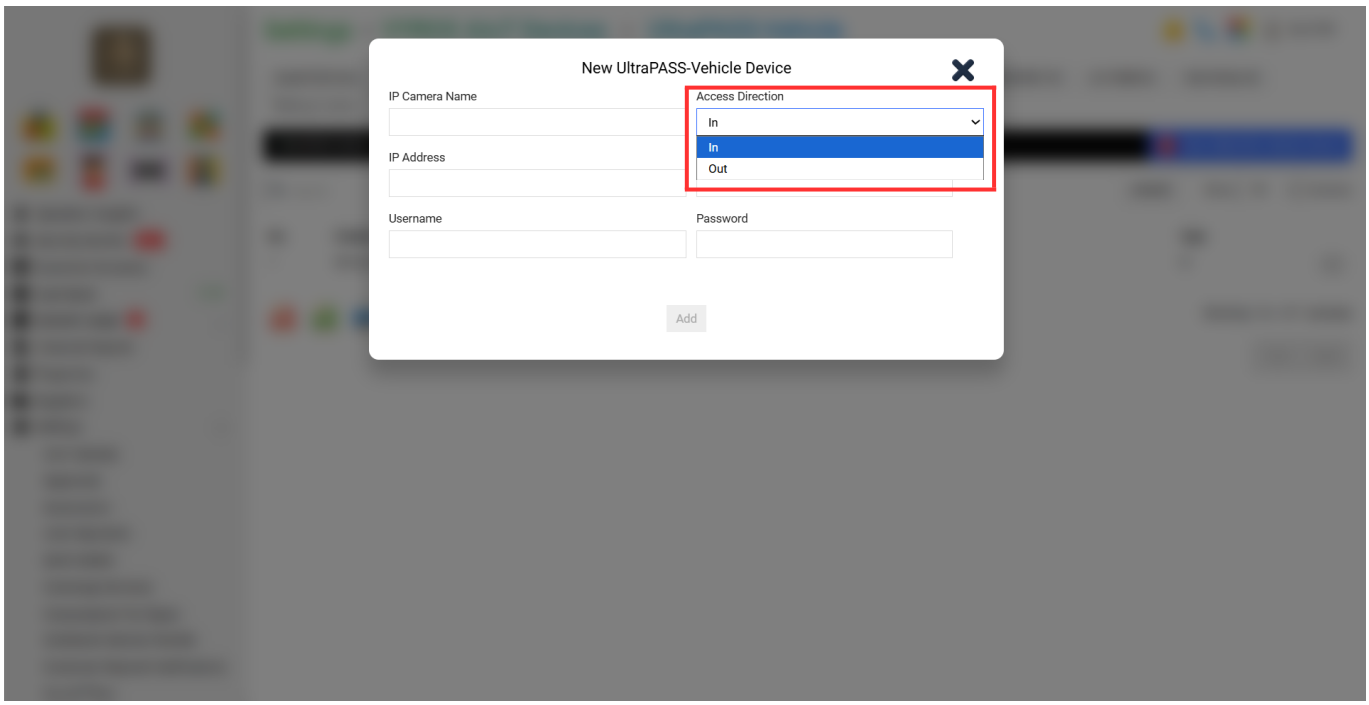
Step 1:

Fill in blank “**IP Camera Name**”



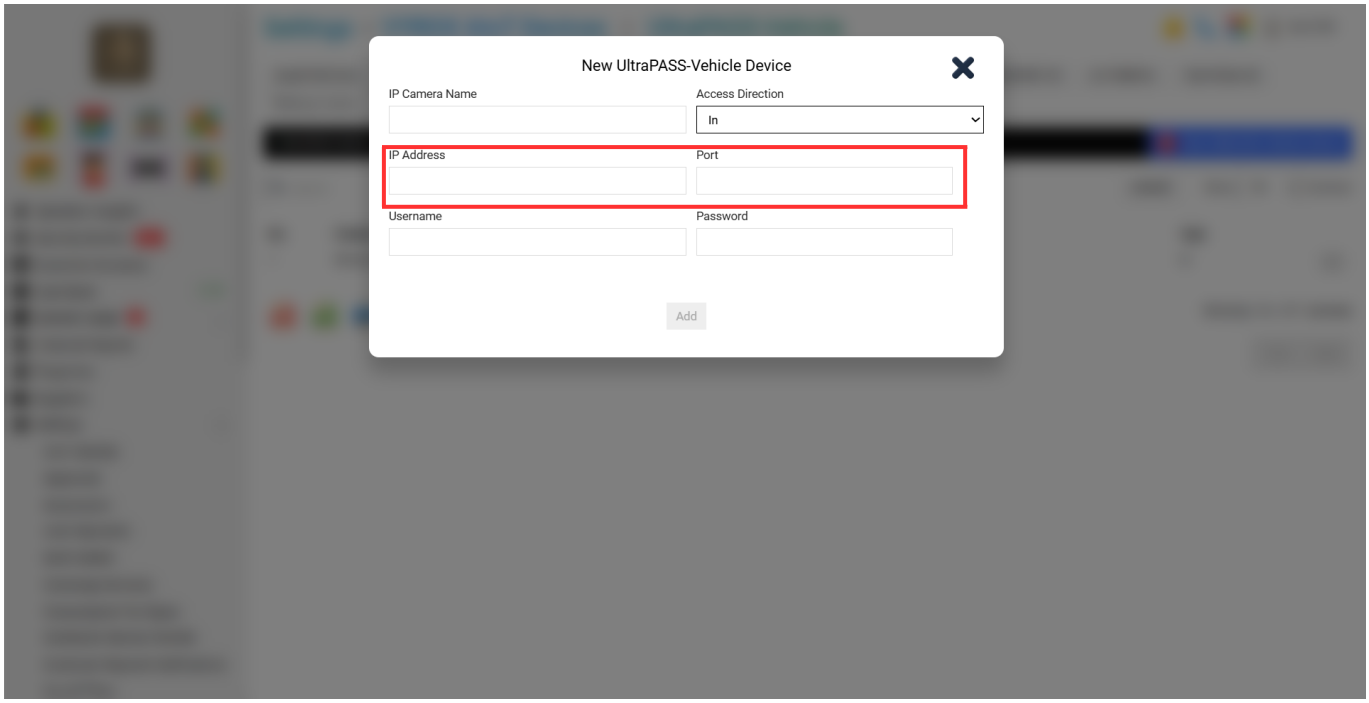
Step 2:

Select “**Access Direction**”

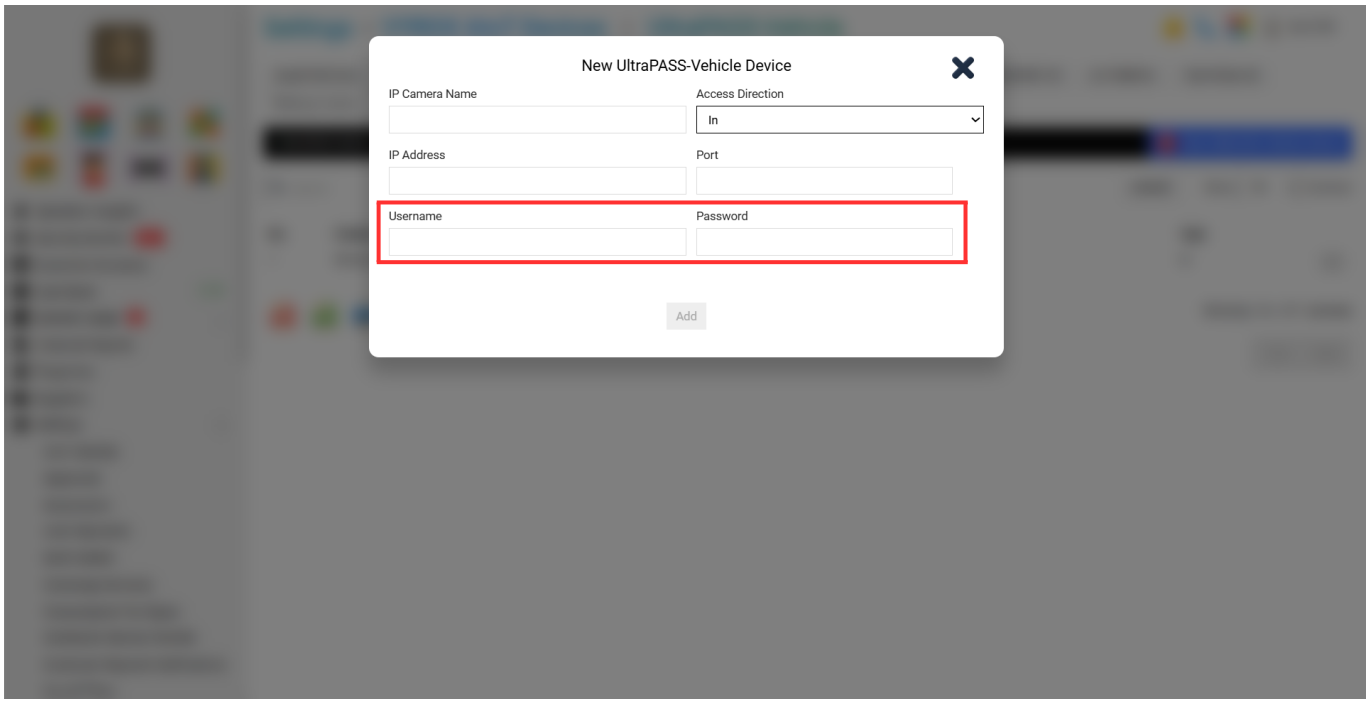


Step 3:

Fill in the Blank “**IP Address & Port**”



Step 4: Fill in the blank “**Username & Password**”.



After done keying in all information, Click “Add”

2. PROPERTIES UNIT AIOT DEVICE CONFIGURATION INSTRUCTIONS