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Automatic Number Plate Recognition

User Manual

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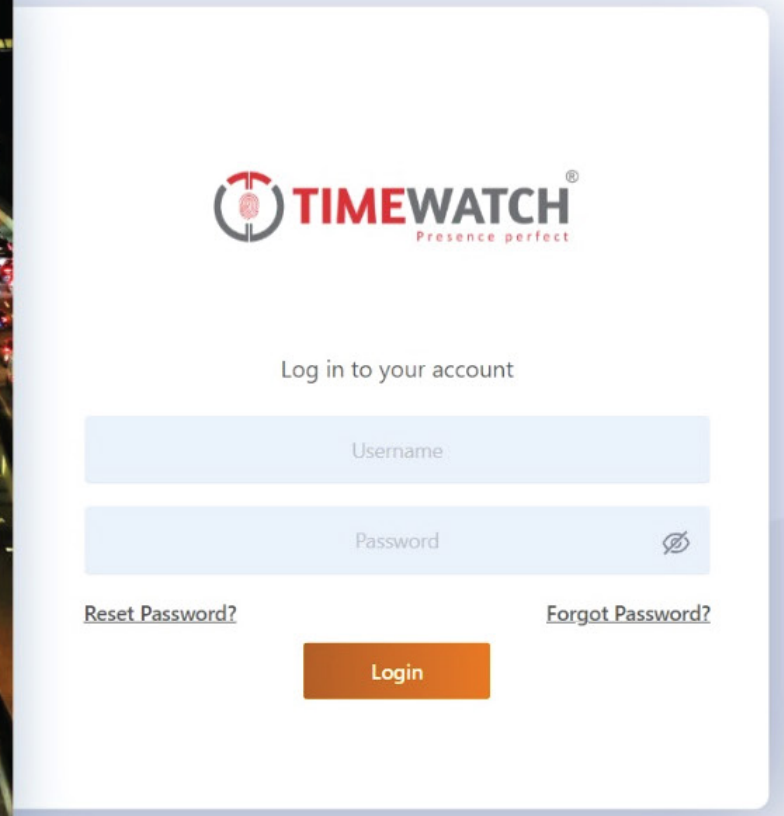
Login



Home

This is Home screen which will be displayed as soon as log in done to device panel.

Modules

1. Dashboard: home screen.

2. Captured Vehicle: listing of captured vehicles.

3. Analytics:

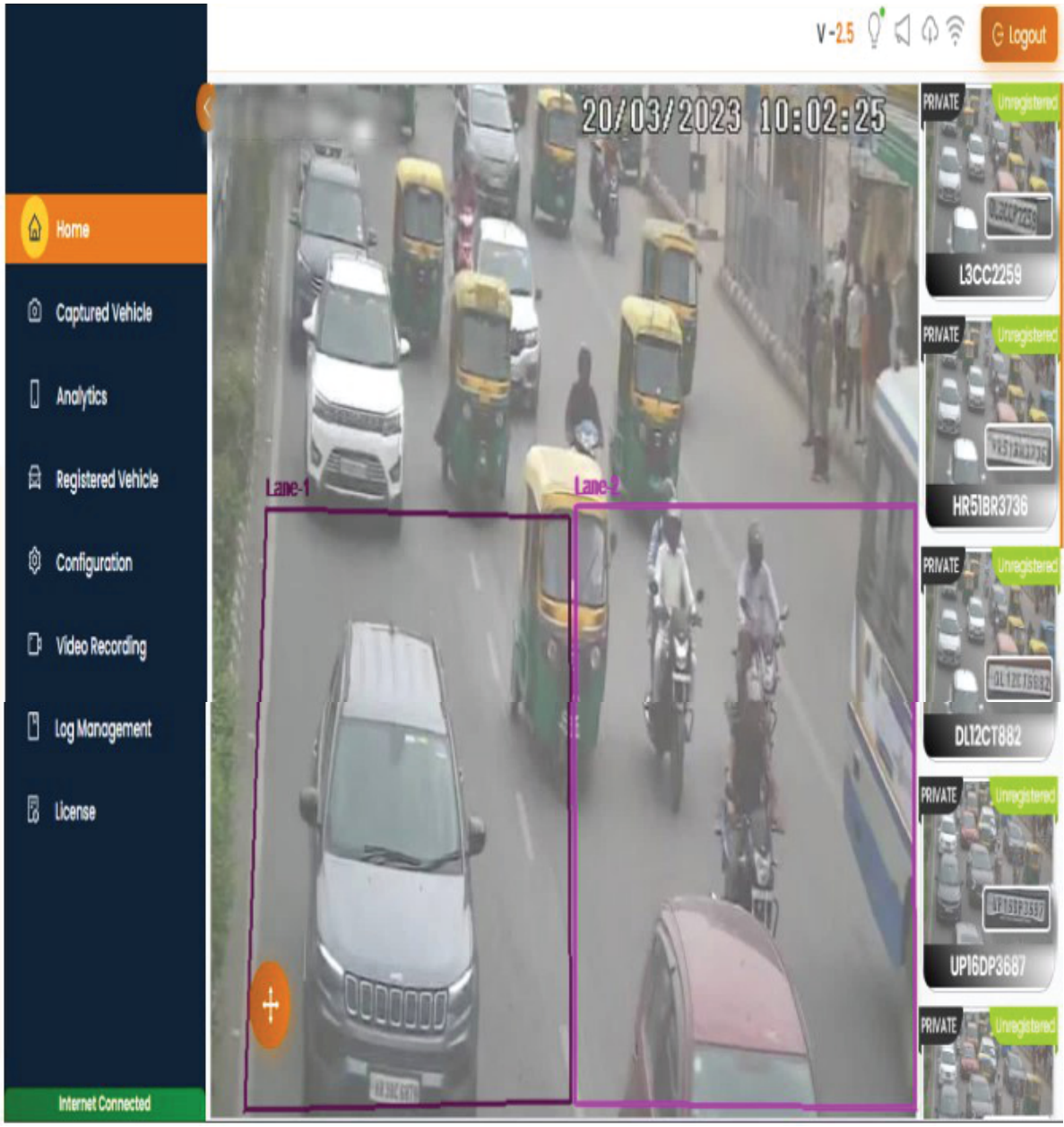
4. Registered Vehicle: to view & add registered vehicles.

5. Configuration: to view and modify the device configuration.

6. Video Recording: to view and modify camera settings.

7. License: to verify & upgrade the device license.

8. Log Management: to view and download the report



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Analytics

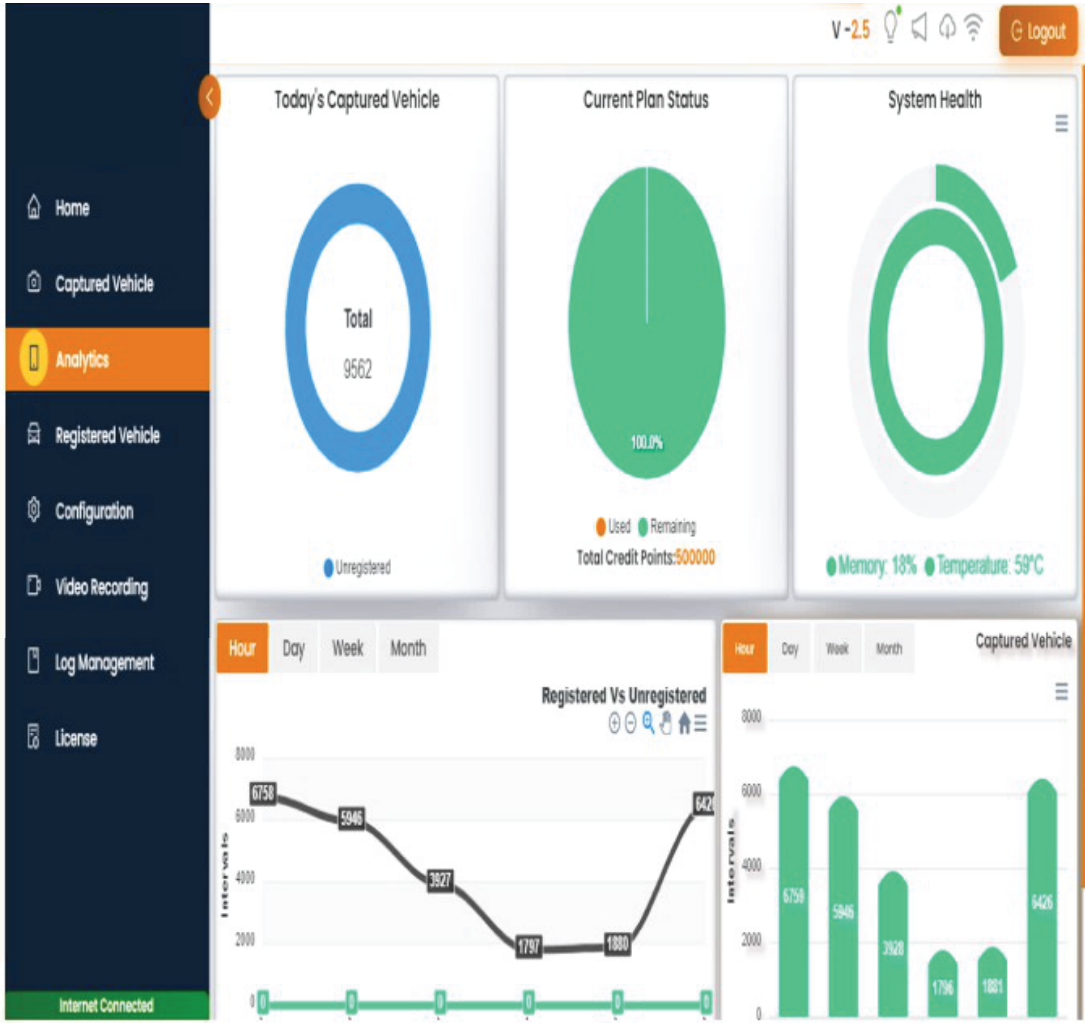
This Module is used to track:

1. The Total Captured Vehicle.

2. Current Plan Status.

3. System's Health like Memory, Temperature.

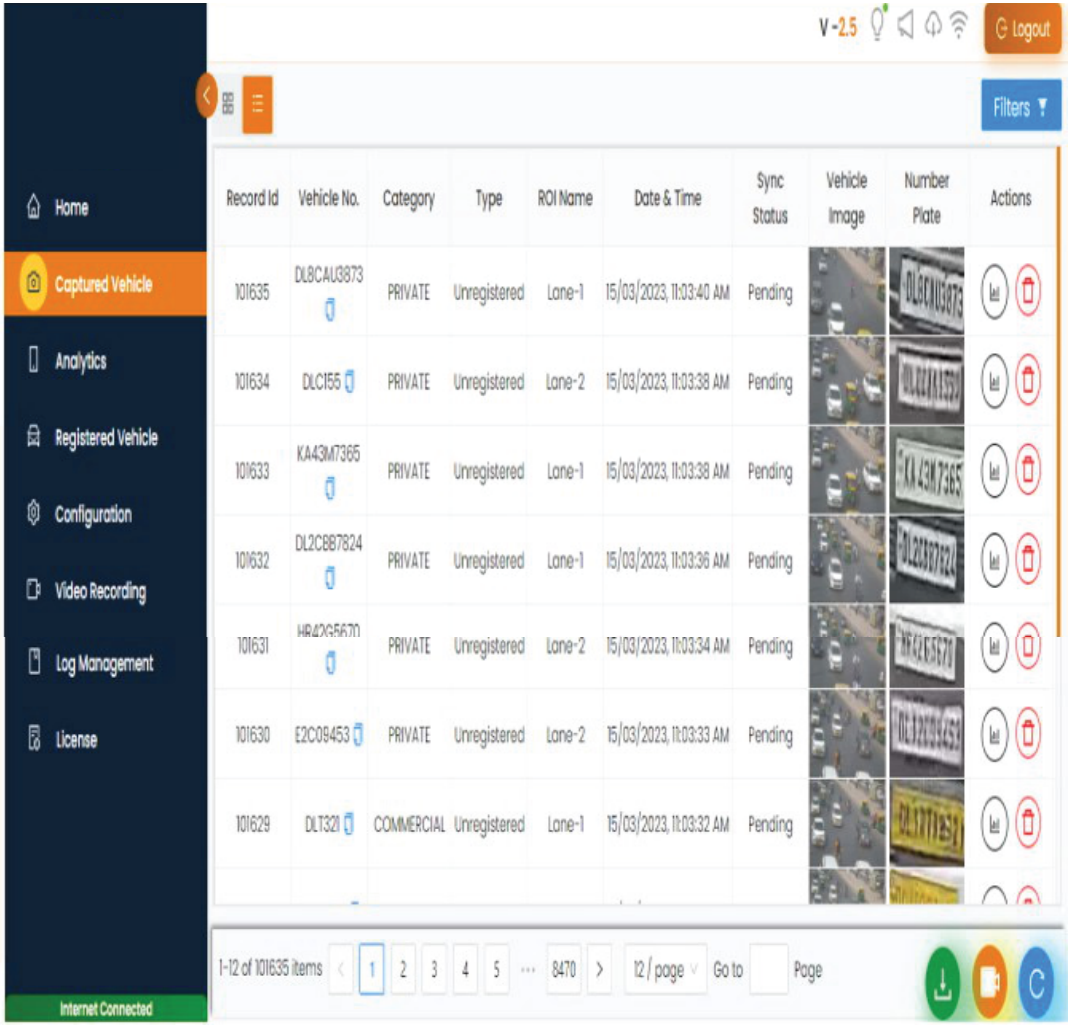
User can check the **Hourly, Daily, Monthly, Weekly Graph** of registered and Unregistered Vehicles and Number of captured Vehicle.



Captured Vehicle

This section will list all the records captured by Device. User can search and sort the data by applying various filters like date range and vehicle type.

Details like vehicle **Registration Number, Vehicle type category, ROI number, Vehicle Image, Number plate image** and **detection date & time** will be displayed in this page.



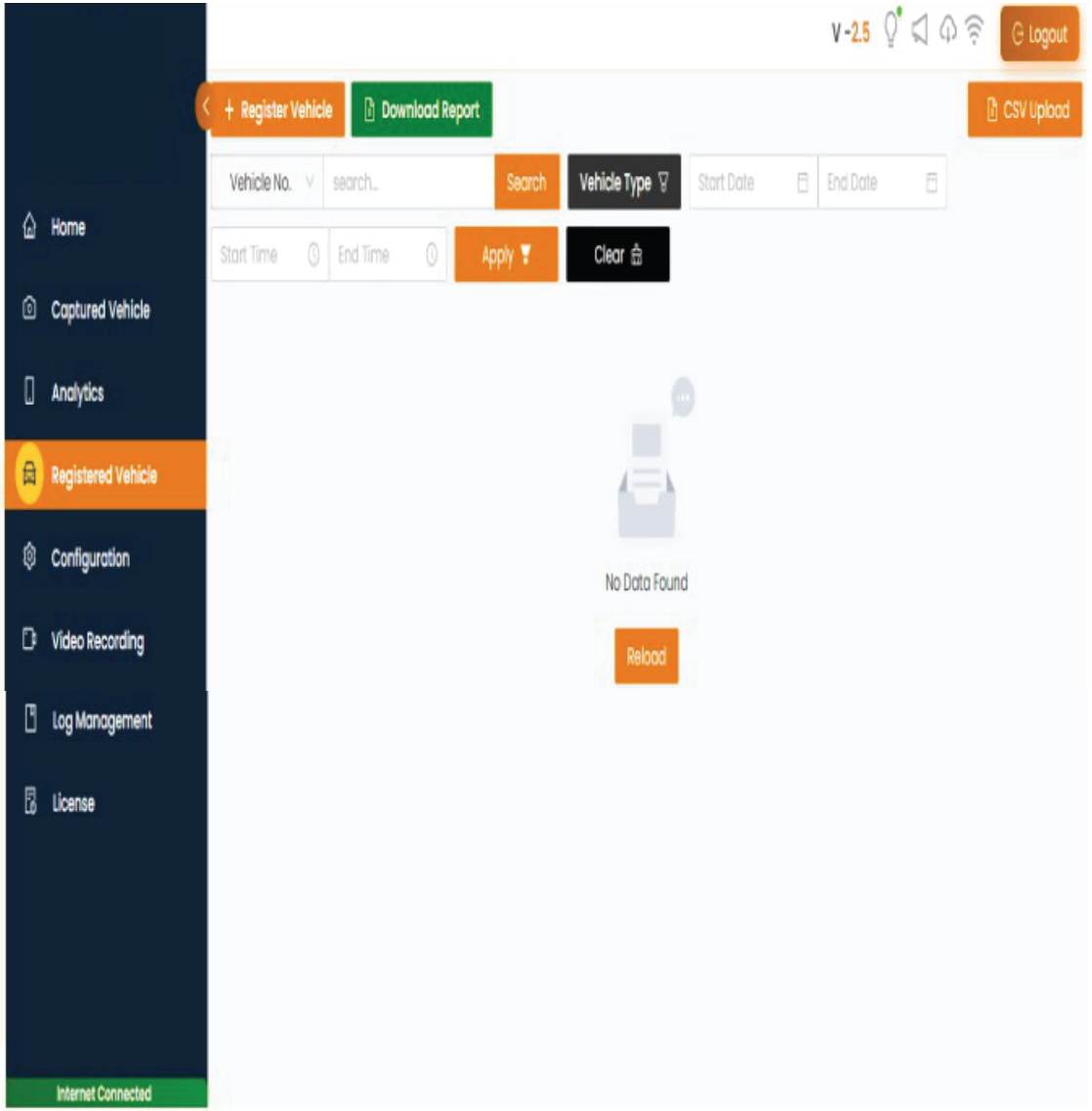
Registered Vehicle

This module will be used to view the registered vehicles and to register new vehicles. User can register the vehicle by entering details manually or in bulk using CSV Upload option.

1. Click on Registered Vehicle tab. List of all registered vehicle will be displayed on this screen.

2. Click on **+Register Vehicle** button to register a new vehicle. An input form will appear as soon as user click on **+Register Vehicle** button.

User can upload **CSV File** to import data in bulk.

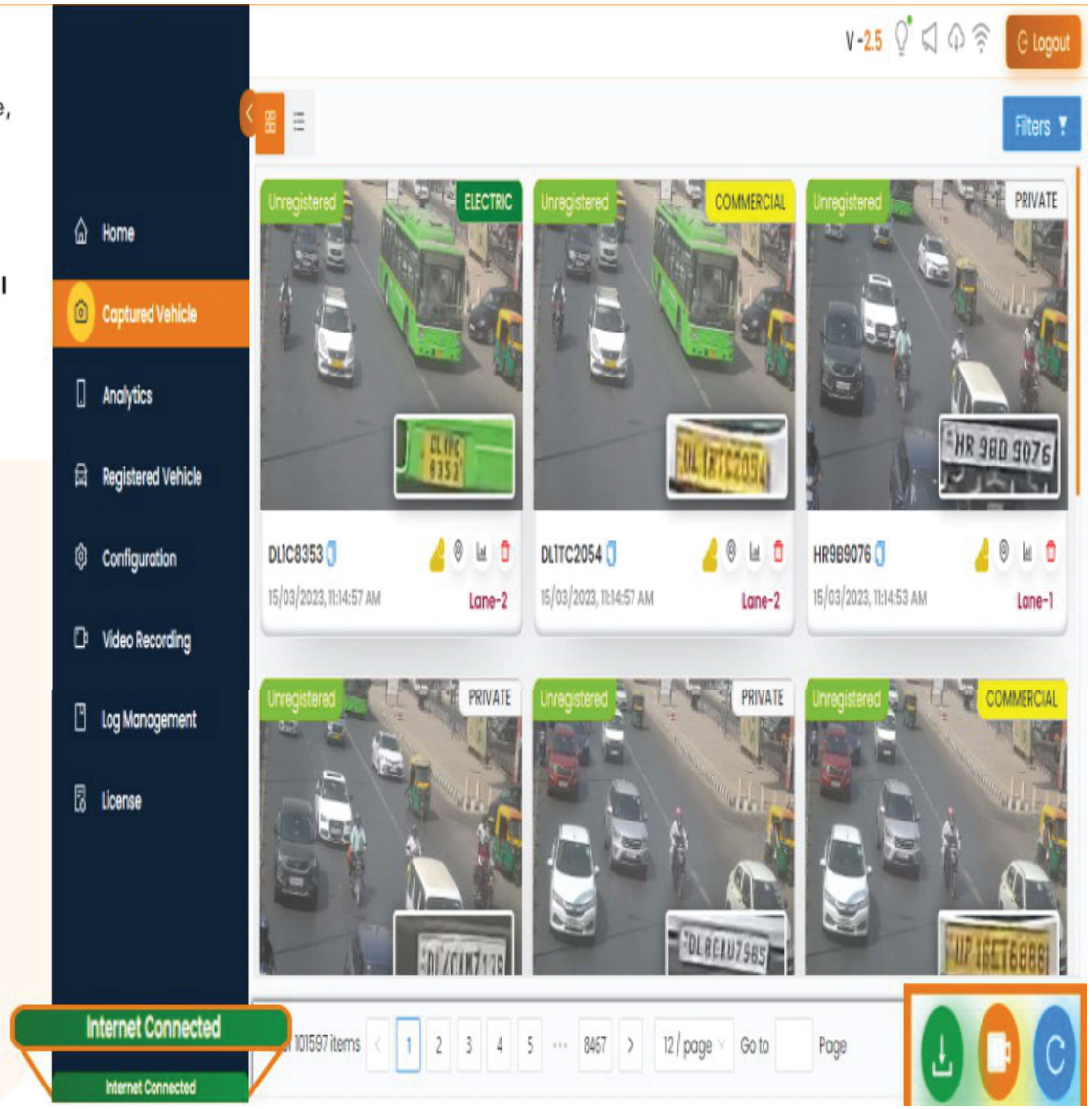


In this section we have multiple options like,

1. Data preview in **cards format** and in a **Table Format.**

2. Filter out the data by their **Vehicle number, Vehicle category, Sync status,ROI name, and Date & Time.**

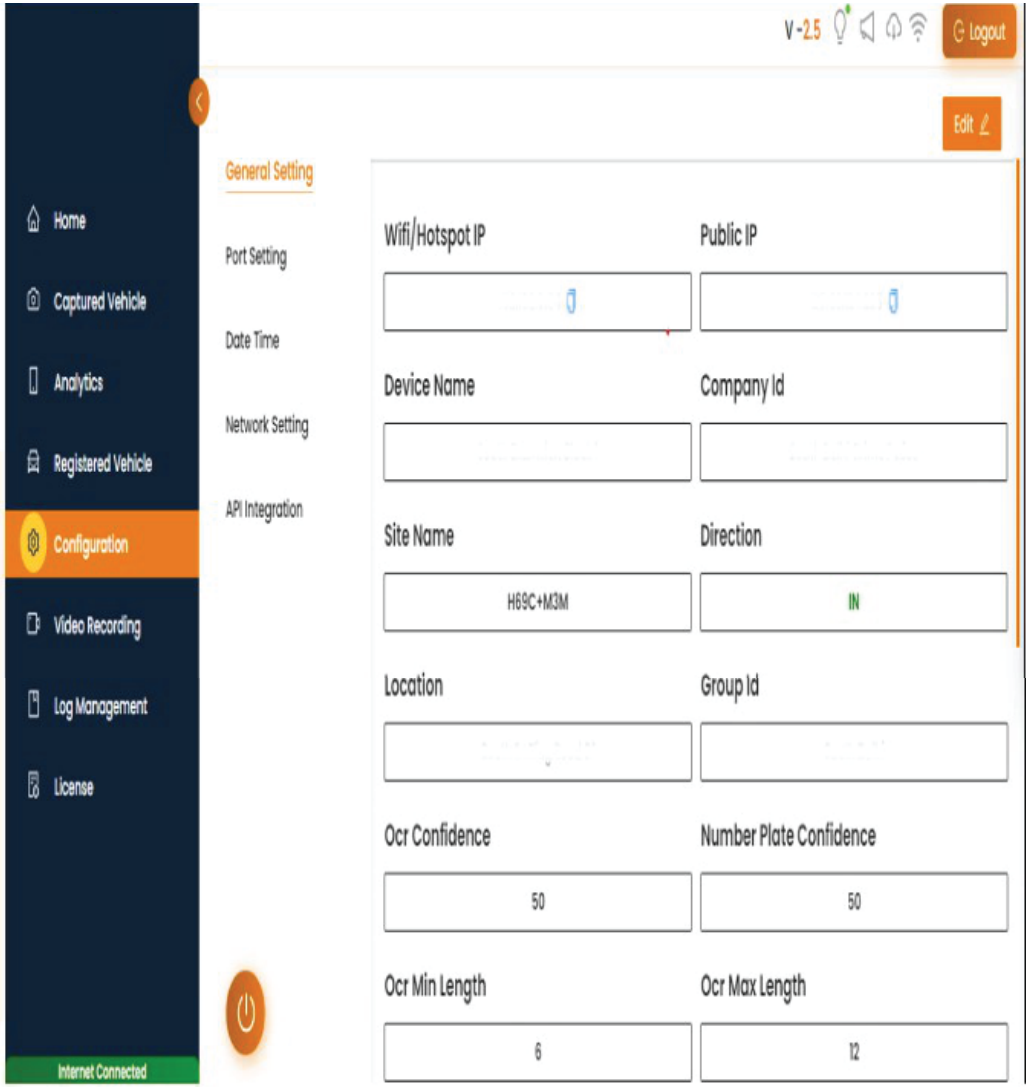
3. We can generate **CSV report** of data.



Configuration (General Setting)

This section will be used to view and add the details and configuration of device. Below are key parameters and their significance in this section:

- **IP Address:** IP address allocated to the device.
- **Company ID**
- **OCR Confidence:**
- **Unknown Save:** To save the unregistered records.
- **Boom barrier:** To open boom barrier for unregistered vehicles.
- **Relay Duration:** To set the time to open boom barrier.
- **OCR Max. & Min. Length:** Length of vehicle registration numbers.
- **Gate Control:** To send the signals to relay for registered vehicles.
- **Duplicate Entry time Span Log:** Duration to discard the duplicate records.
- **Data Sent Mode:** this option is used for integration of device for data syncing.

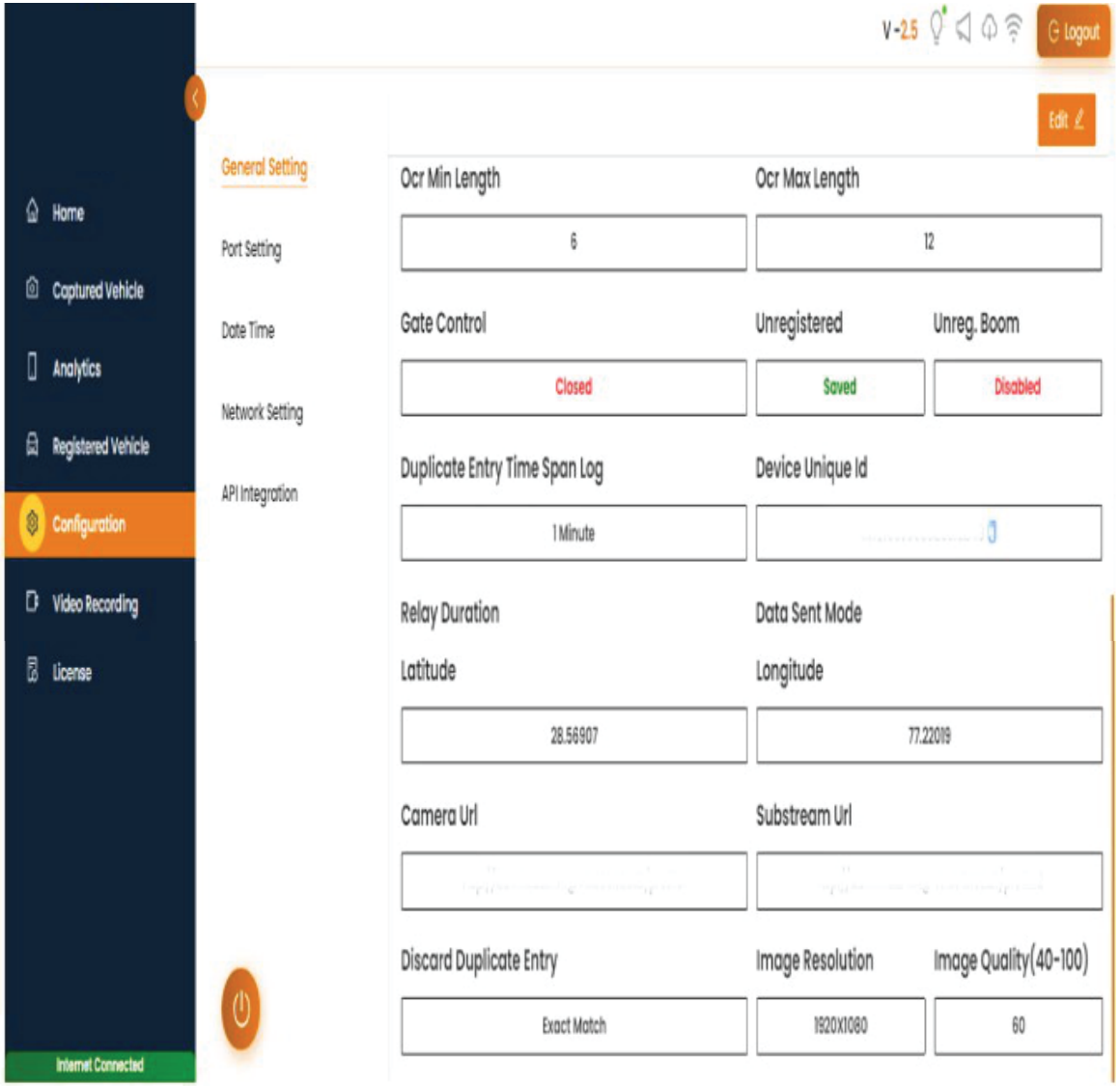


Data Sent Mode have three options:

Disable-data will not be sent to any server.

Intozi Server: Device will send the data to Intozi cloud server.

Client Server: Device will send the data to client server i.e. server address defined in API integration section.



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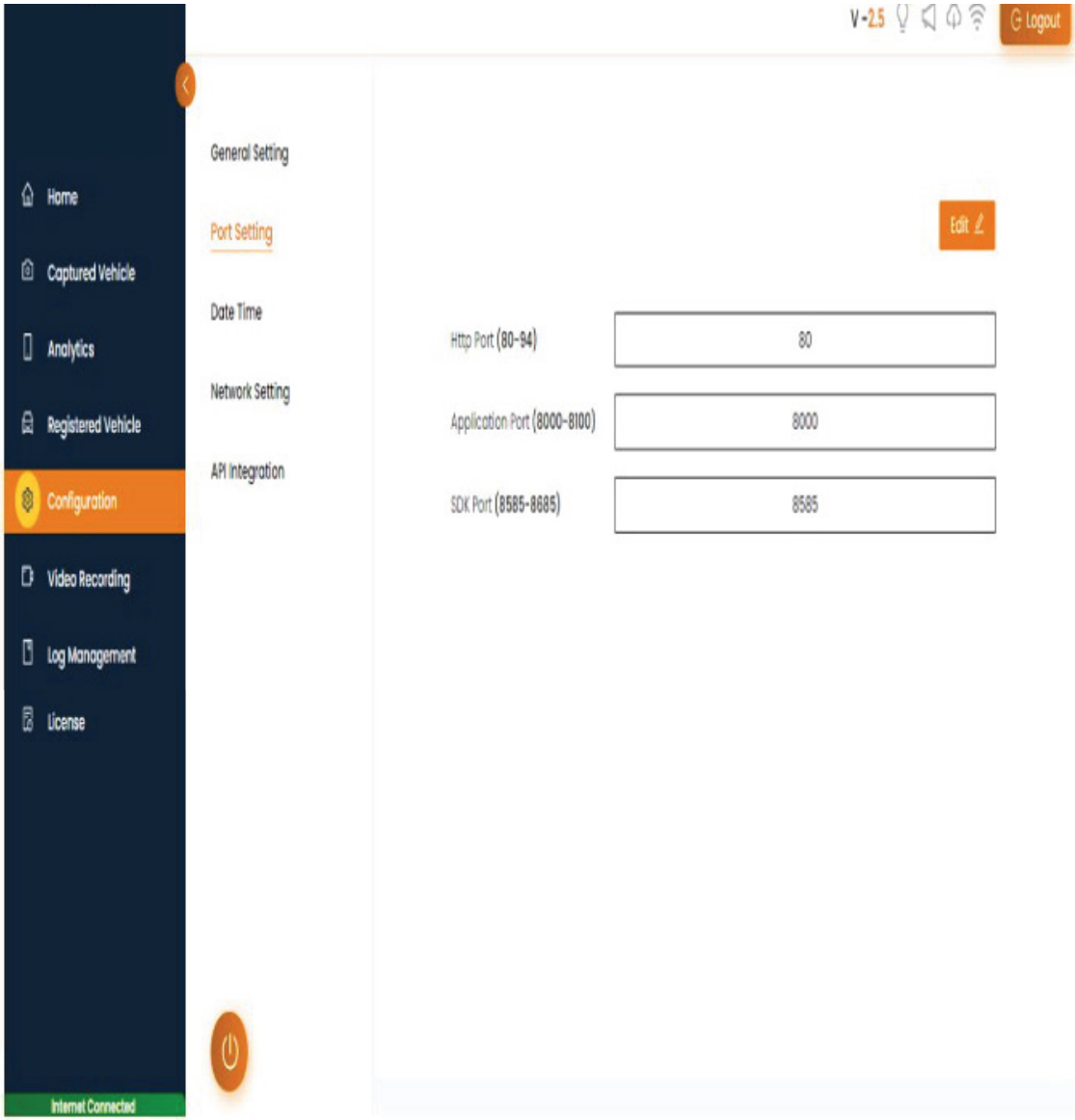
Configuration (Port Setting)

User can change the **Port Settings** in this section.



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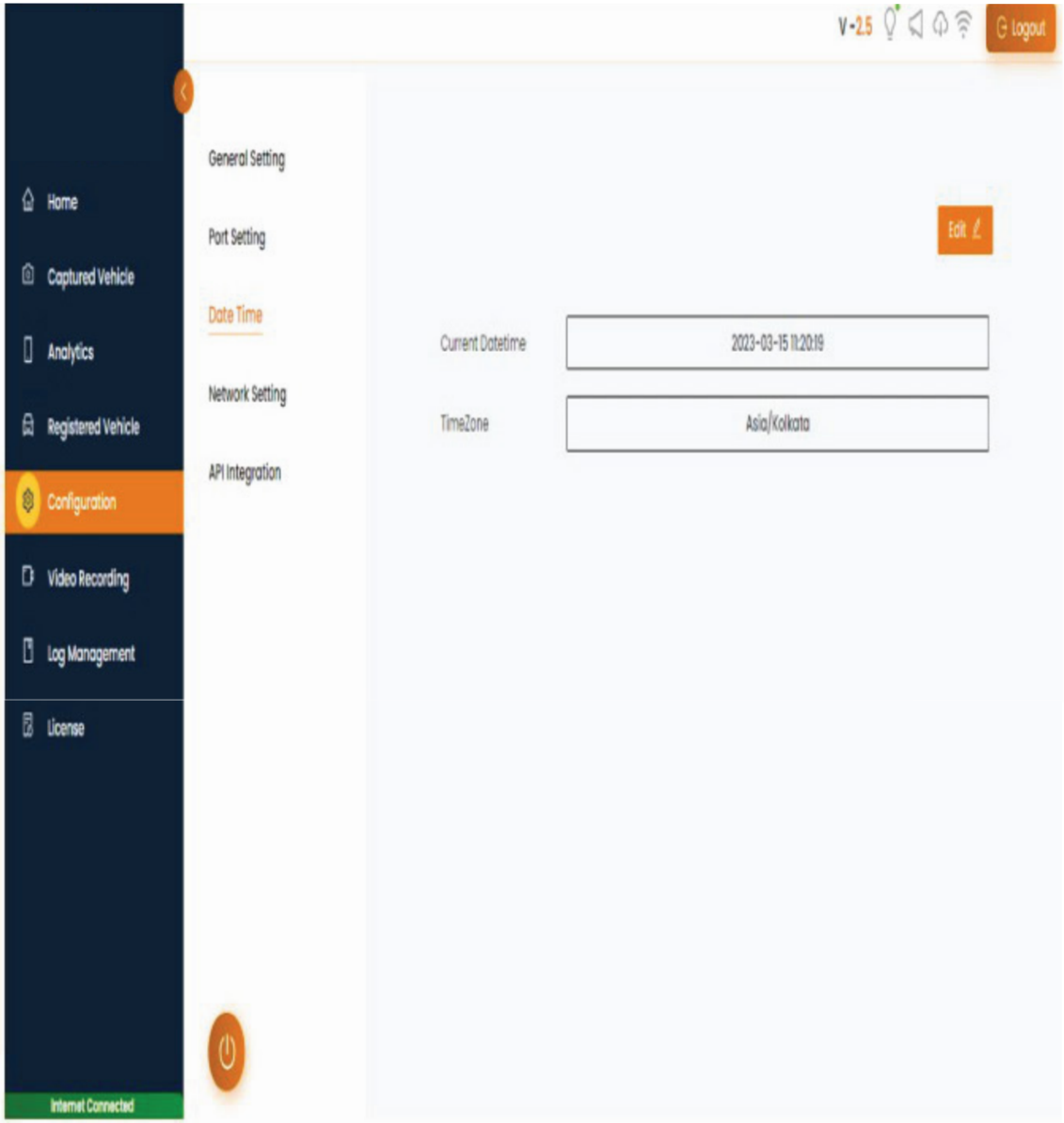
Configuration (Date & Time)

Date Time Setting: If device time is not set or not in correct timezone so the user can change accordingly.



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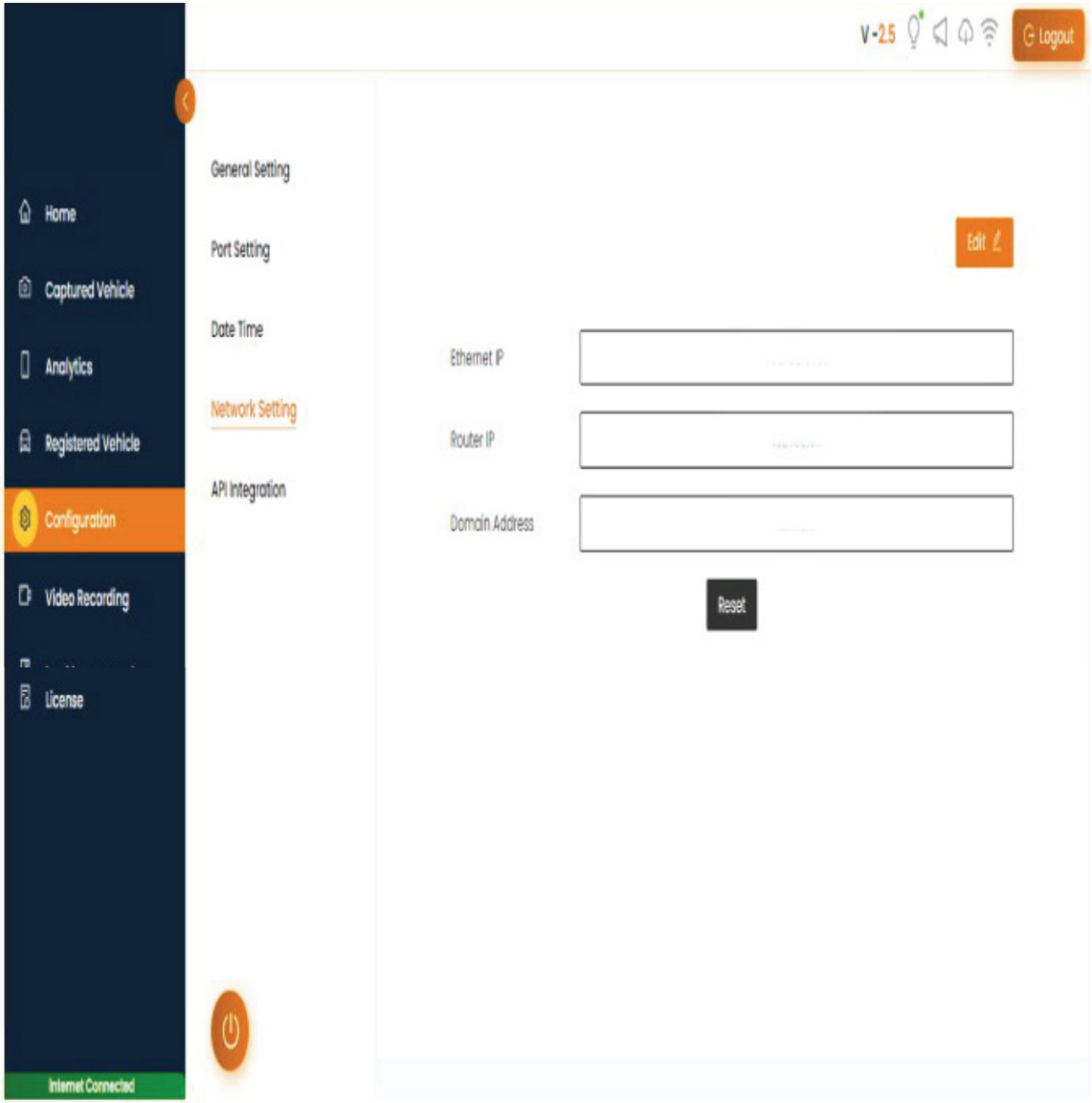
Configuration (Network Setting)

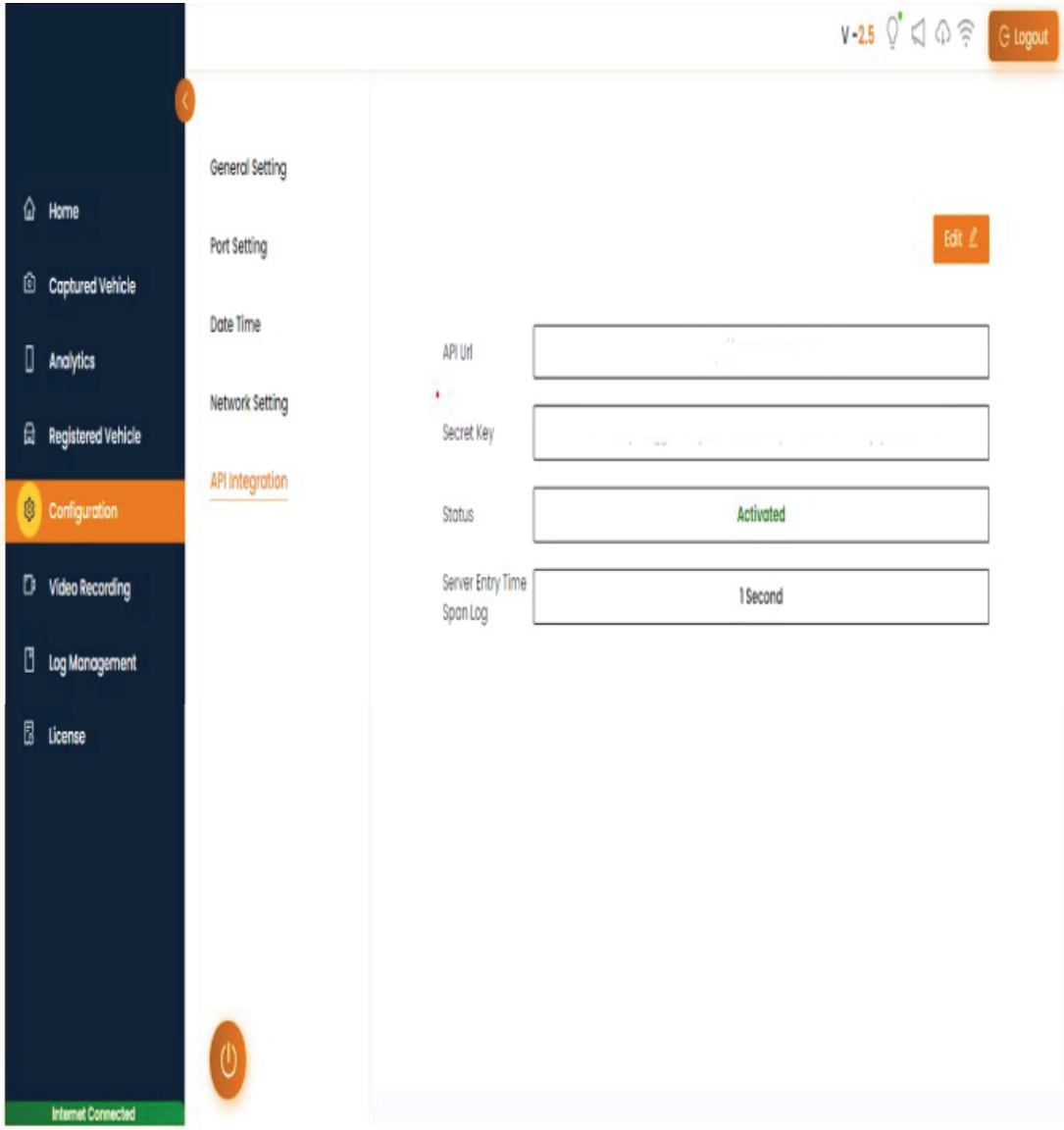
Network Setting: User defines the ethernet IP, Router IP and Domain Address.



Configuration (API Integration)

API Integration section of Configuration page will be used to configure the data syncing from device to any other server.

- **API Url:** Enter the base URL of API for data syncing.
- **Secret Key:** Enter the authentication Key/ token received from target server.
- **Status:** Change the status from Deactivated to Activated to start data syncing.Data will be sent
- **Server Entry Time Span Log:** Set the interval to send the data. Device will send the data after a break of duration set in



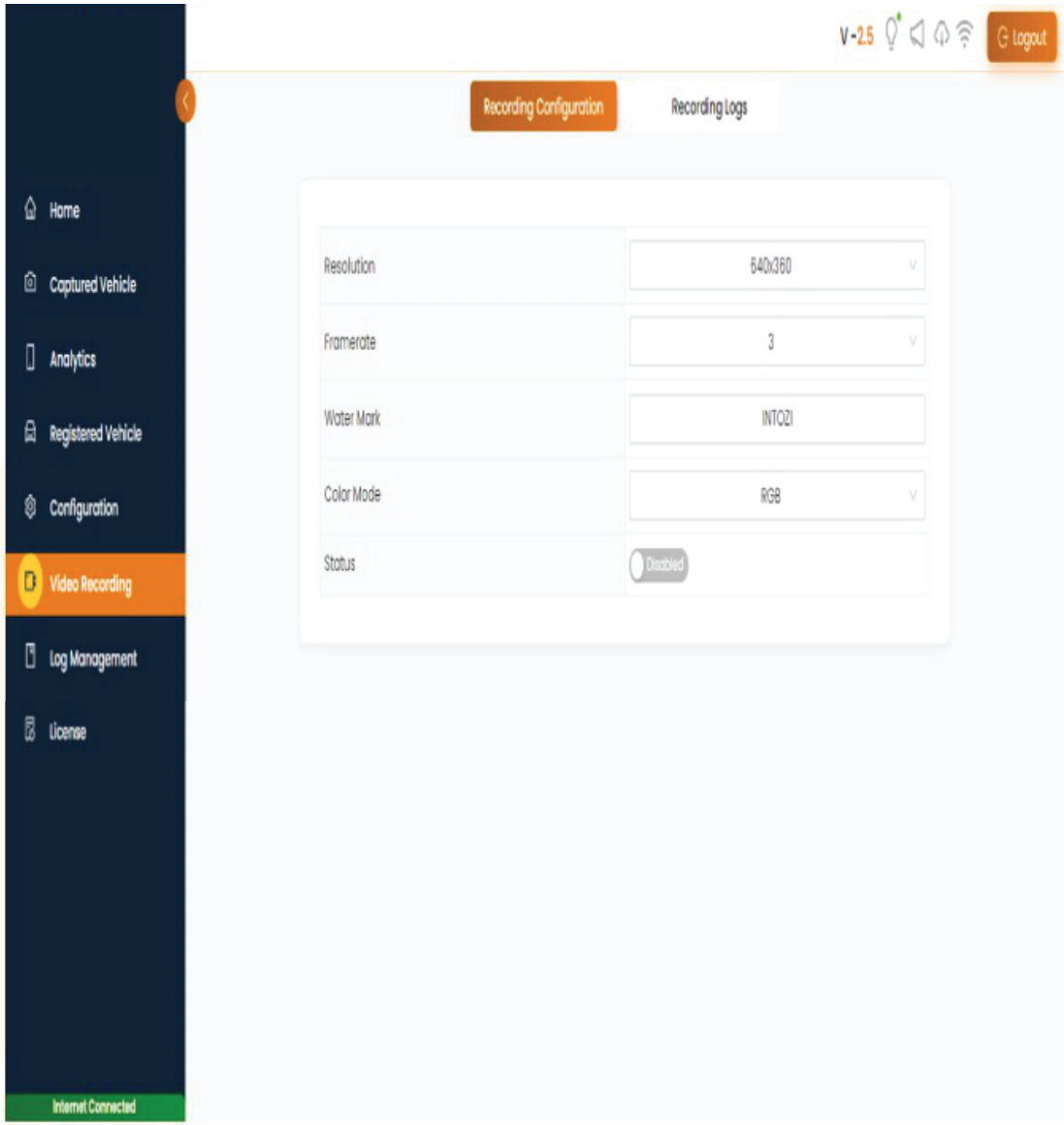
Video Recording

This section is used to view & change the video setting of the device.

1. Click on Video Recording tab.

User needs to change the values and parameters as per requirement. All changes will be applied as soon as changes are made by user.

2. Click on toggle button to **enable or disable** the Device.



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Log Management

This section is used to view the log of the device. Log files will be generated on the basis of three categories: **ANPR, Resources** and **Cloud**. User need to enter the date range in date filter to check the Logs for specific date range.

1. Click on Log Management tab.

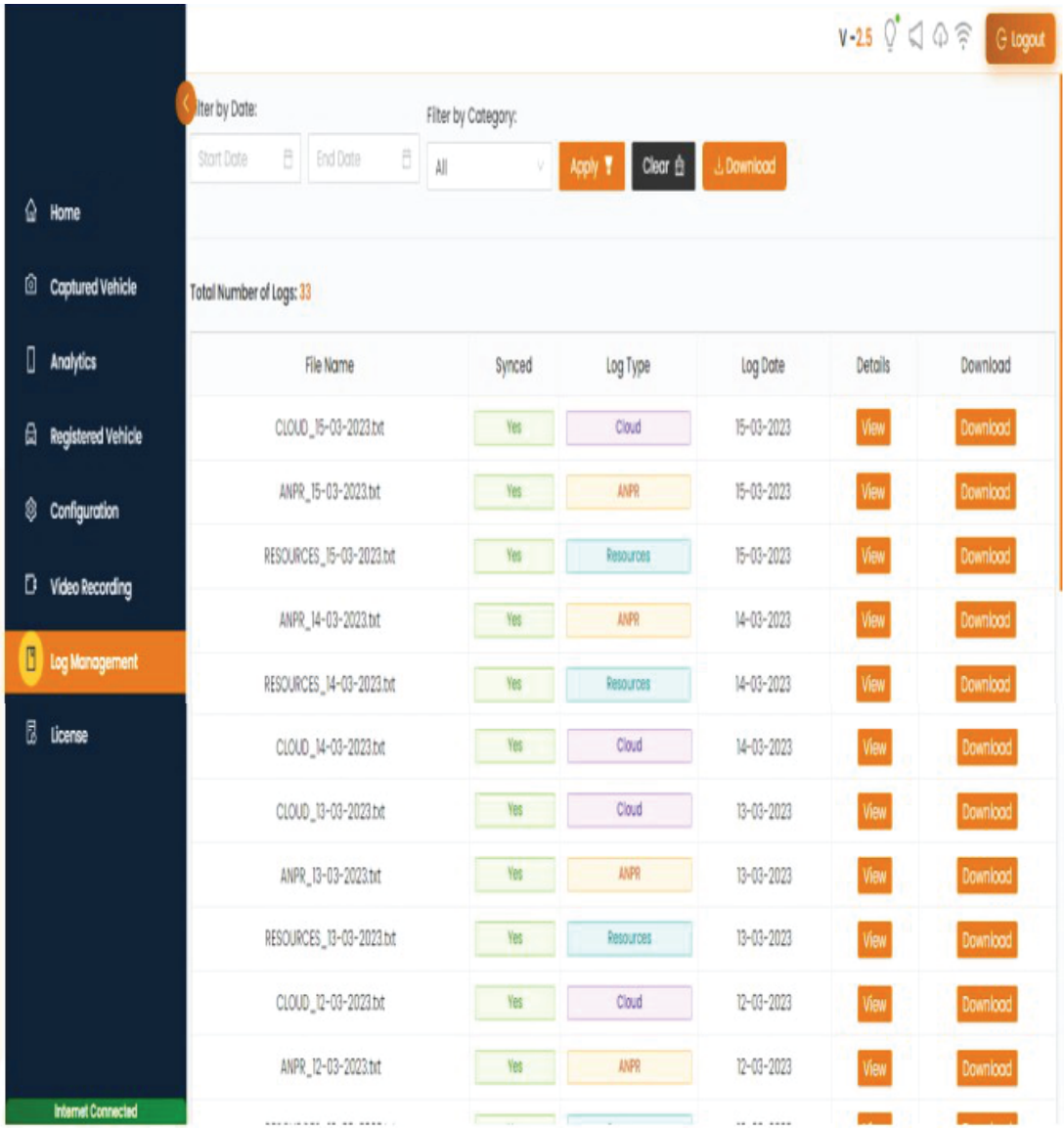
2. Enter the Password as this section is password protected.

3. Enter the date range in Start & End date filters.

4. Select the Log Category: default value will be all and user need to select any of the three categories.

5. Click on Apply button to view the log for selected filters.

Log data will be listed and used can download the log files by Clicking on Download All logs button.Used can also view the each file by clicking on View button.



License

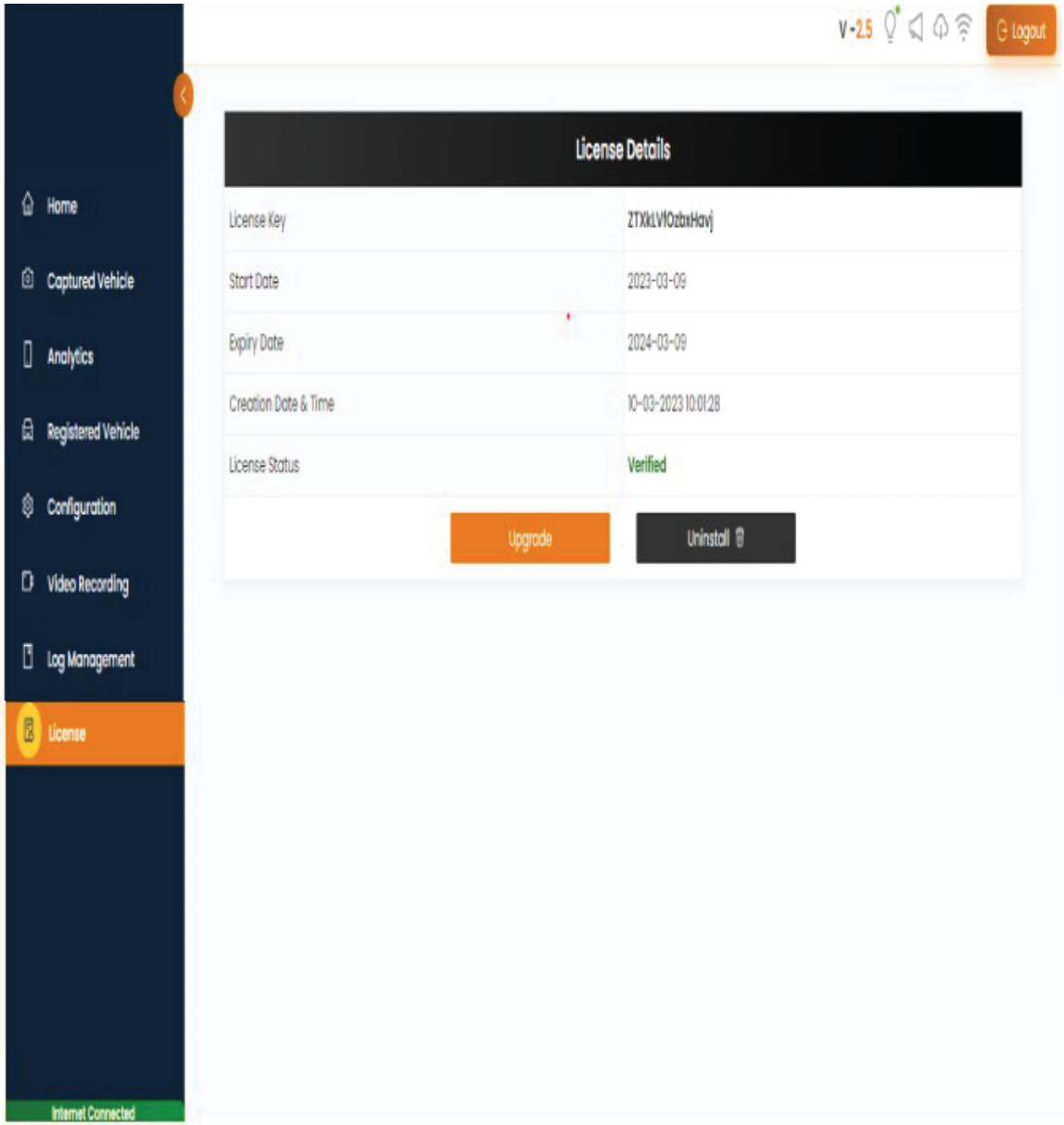
This screen is used verify the license, license verification will be required to activate the device. A license key will be shared over email for each device. Active status for License will be Unverified by default.

Step-1 Click on License tab

Step-2 Click on Verify License option,a pop up window will get open on clicking the Verify License button button. Notification Icon will notify.

Step-3 Enter the License Key

Step-4 Click on Verify License

Step-5 A pop-up window with success message will get open on successful license verification.

Active status will get changed to Verified after successful verification.