



Automatic Number Plate Recognition

User Manual

Login



Log in to your account



[Reset Password?](#)

[Forgot Password?](#)

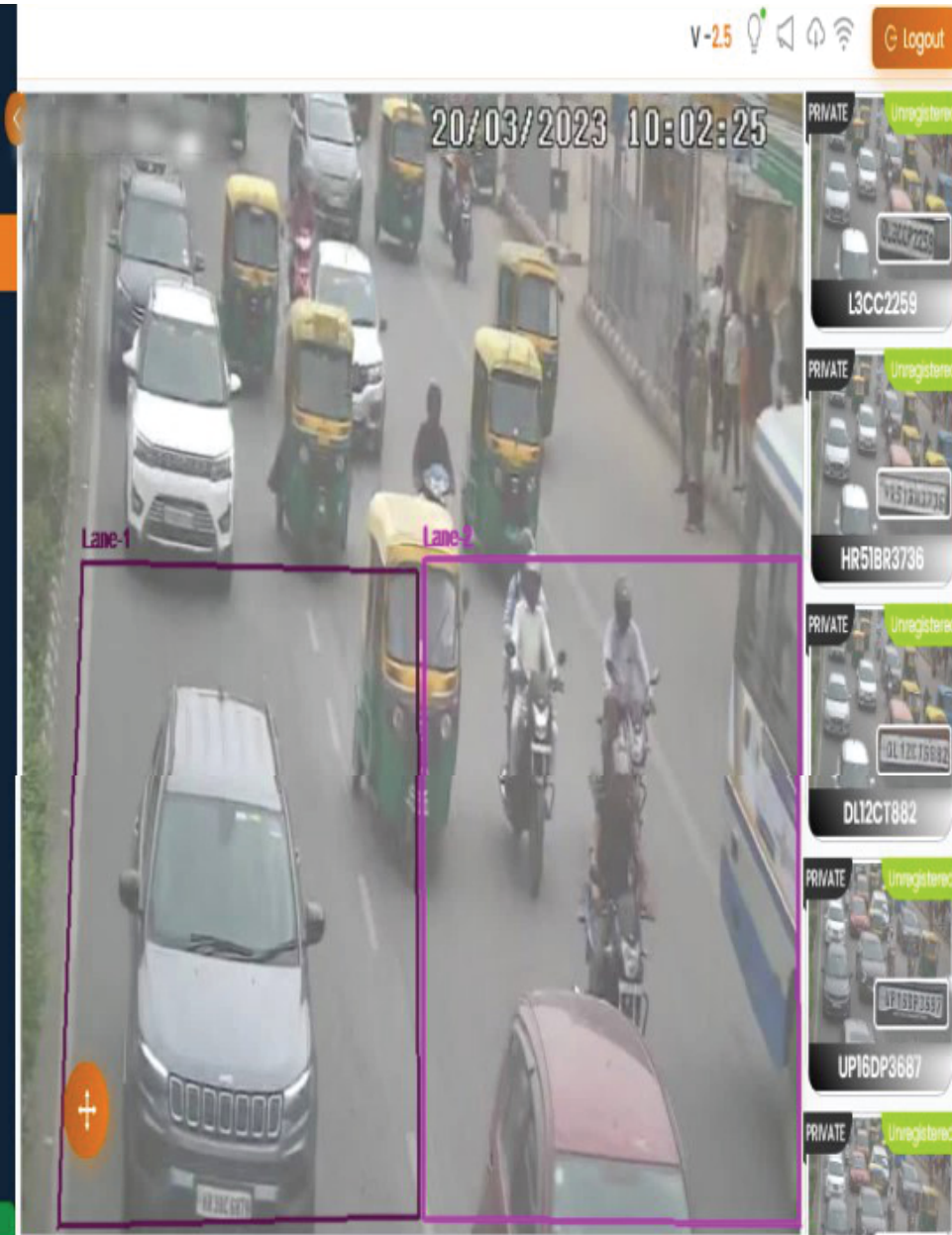
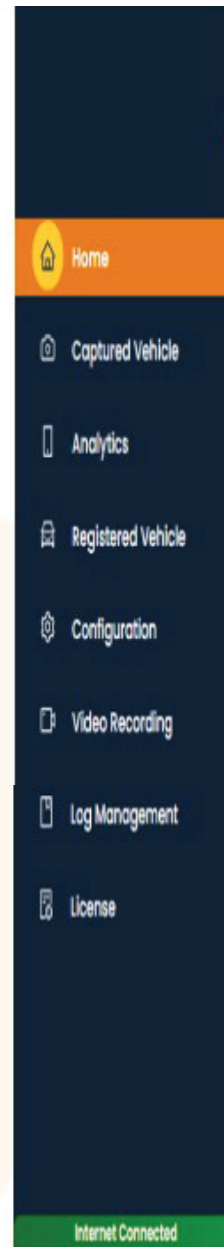
Login

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



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.

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Filters

Record Id	Vehicle No.	Category	Type	ROI Name	Date & Time	Sync Status	Vehicle Image	Number Plate	Actions
101635	DL8CAU3873	PRIVATE	Unregistered	Lane-1	15/03/2023, 11:03:40 AM	Pending			
101634	DLC155	PRIVATE	Unregistered	Lane-2	15/03/2023, 11:03:38 AM	Pending			
101633	KA43M7365	PRIVATE	Unregistered	Lane-1	15/03/2023, 11:03:38 AM	Pending			
101632	DL2CB87824	PRIVATE	Unregistered	Lane-1	15/03/2023, 11:03:36 AM	Pending			
101631	HR42X56670	PRIVATE	Unregistered	Lane-2	15/03/2023, 11:03:34 AM	Pending			
101630	E2C09453	PRIVATE	Unregistered	Lane-2	15/03/2023, 11:03:33 AM	Pending			
101629	DLT321	COMMERCIAL	Unregistered	Lane-1	15/03/2023, 11:03:32 AM	Pending			

1-12 of 101635 items
1 2 3 4 5 ... 8470 12 / page Go to Page

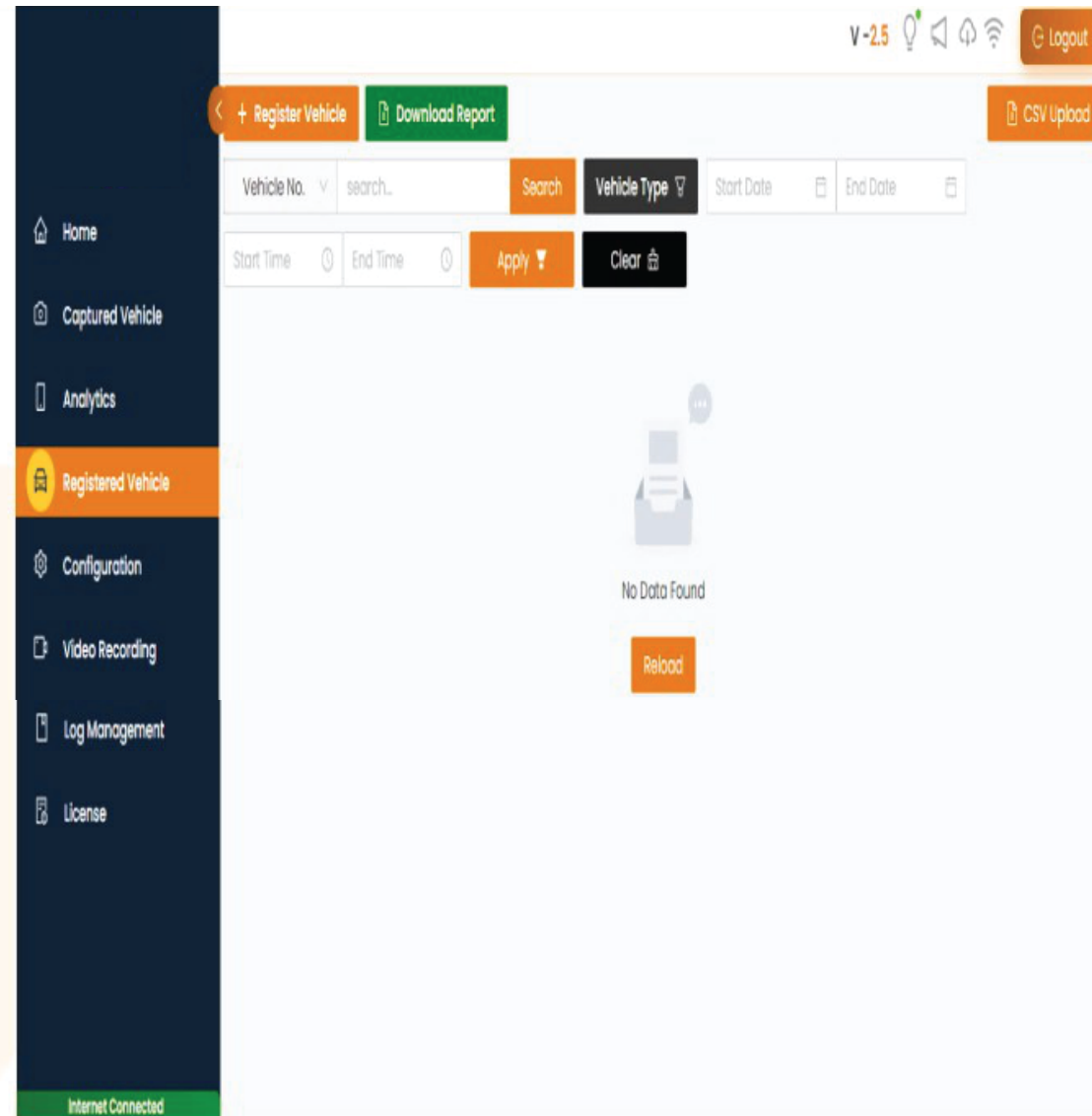
Registered Vehicle

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.



The screenshot displays the 'Registered Vehicle' module interface. On the left is a dark blue sidebar with navigation links: Home, Captured Vehicle, Analytics, Registered Vehicle (highlighted), Configuration, Video Recording, Log Management, and License. At the bottom of the sidebar, it says 'Internet Connected'. The main content area has a top bar with a version indicator 'v-2.5', system icons, and a 'Logout' button. Below this is a secondary bar with '+ Register Vehicle' (orange) and 'Download Report' (green) buttons, followed by a 'CSV Upload' button. The central section contains search filters: 'Vehicle No.' with a search input and button, 'Vehicle Type' with a dropdown, 'Start Date' and 'End Date' with calendar icons, 'Start Time' and 'End Time' with clock icons, and 'Apply' and 'Clear' buttons. The main area below the filters shows a 'No Data Found' message with a printer icon and a 'Reload' button.

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.

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V-2.5    Logout

Filters

<p>Unregistered</p>  <p>DLIC8353</p> <p>15/03/2023, 11:14:57 AM</p> <p>Lane-2</p>	<p>Unregistered</p> <p>ELECTRIC</p>  <p>DLITC2054</p> <p>15/03/2023, 11:14:57 AM</p> <p>Lane-2</p>	<p>Unregistered</p> <p>COMMERCIAL</p>  <p>HR989076</p> <p>15/03/2023, 11:14:53 AM</p> <p>Lane-1</p>
<p>Unregistered</p> <p>PRIVATE</p>  <p>DLIC8353</p>	<p>Unregistered</p> <p>PRIVATE</p>  <p>DLIC8353</p>	<p>Unregistered</p> <p>COMMERCIAL</p>  <p>HR989076</p>

101597 items < 1 2 3 4 5 ... 8467 > 12 / page Go to Page



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.

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Edit

General Setting

Port Setting

Date Time

Network Setting

API Integration

Wifi/Hotspot IP

Public IP

Device Name

Company Id

Site Name

Direction

Location

Group Id

Ocr Confidence

Number Plate Confidence

Ocr Min Length

Ocr Max Length

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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Ocr Min Length

6

Ocr Max Length

12

Gate Control

Closed

Unregistered

Saved

Unreg. Boom

Disabled

Duplicate Entry Time Span Log

1 Minute

Device Unique Id

Relay Duration

Data Sent Mode

Latitude

Longitude

Camera Url

Substream Url

Discard Duplicate Entry

Exact Match

Image Resolution

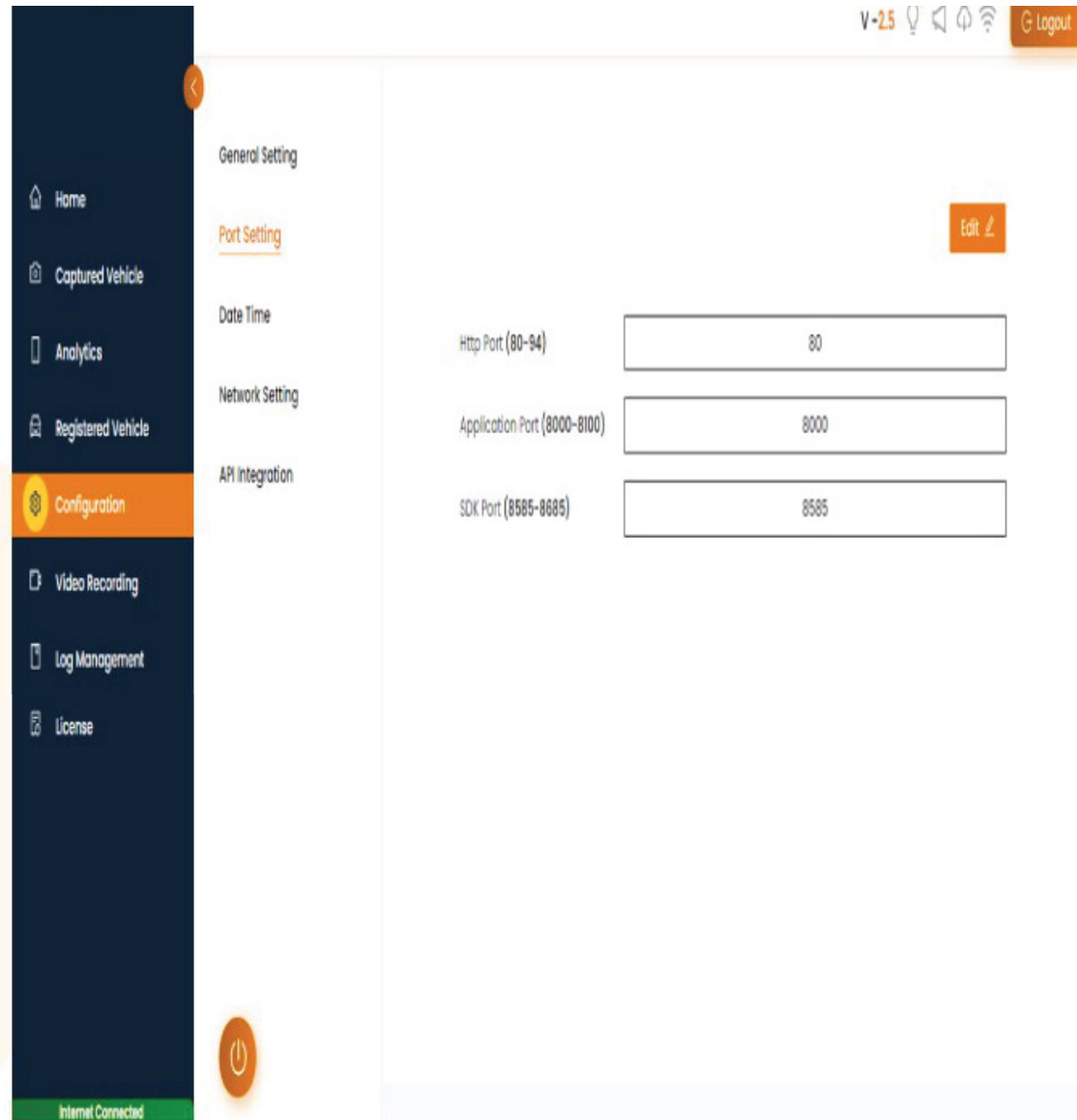
1920X1080

Image Quality(40-100)

60

Configuration (Port Setting)

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






The screenshot displays the TIMEWATCH web interface. At the top right, there is a status bar showing 'V-2.5' and icons for a lightbulb, a speaker, a refresh button, and a Wi-Fi signal. A 'Logout' button is also present. The left sidebar contains a navigation menu with the following items: Home, Captured Vehicle, Analytics, Registered Vehicle, Configuration (highlighted in orange), Video Recording, Log Management, and License. The main content area is titled 'Port Setting' and includes an 'Edit' button. Below the title, there are three rows of configuration settings, each with a label and a text input field containing a value:

Setting	Value
Http Port (80-94)	80
Application Port (8000-8100)	8000
SDK Port (8585-8685)	8585

At the bottom of the sidebar, there is a green bar indicating 'Internet Connected' and a power button icon.

Configuration (Date & Time)

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

V-25    [Logout](#)

General Setting
Port Setting
Date Time
Network Setting
API Integration

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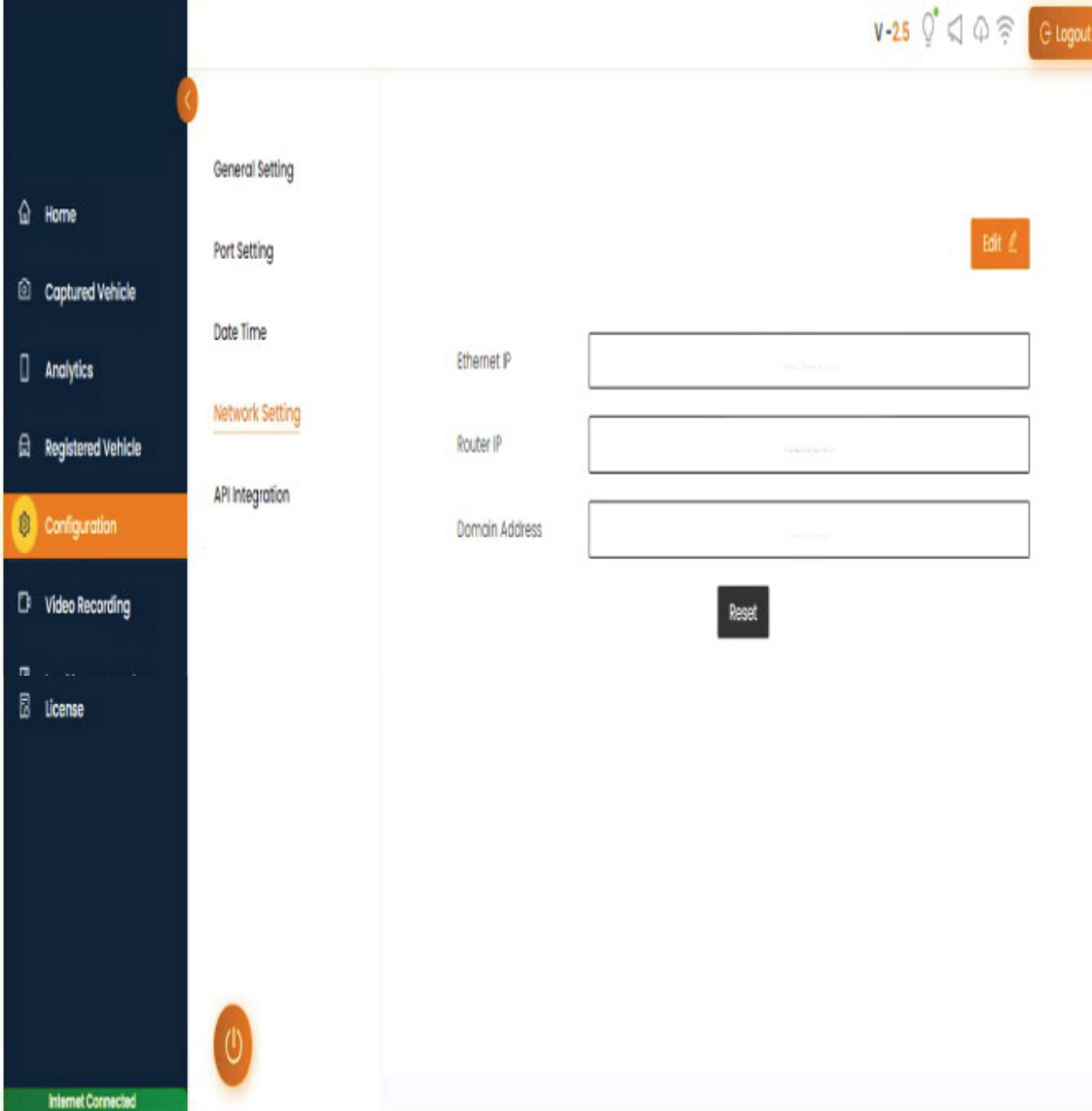
Internet Connected

Current Datetime: 2023-03-15 11:20:19
TimeZone: Asia/Kolkata

[Edit](#)

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

Configuration (Network Setting)



The screenshot displays the TIMEWATCH web interface. At the top right, there is a status bar with 'V-25', a lightbulb icon, a speaker icon, a Wi-Fi icon, and a 'Logout' button. A dark blue sidebar on the left contains a menu with icons and labels: Home, Captured Vehicle, Analytics, Registered Vehicle, Configuration (highlighted with an orange background), Video Recording, License, and a power button icon at the bottom. The main content area has a title 'Network Setting' and a list of settings: General Setting, Port Setting, Date Time, Network Setting (underlined in orange), and API Integration. On the right, there are three input fields for 'Ethernet IP', 'Router IP', and 'Domain Address', each with a placeholder text. An 'Edit' button is next to the Ethernet IP field. Below the input fields is a 'Reset' button. At the bottom left of the sidebar, a green bar indicates 'Internet Connected'.

Logout

General Setting

Port Setting

Date Time

Network Setting

API Integration

Ethernet IP

Router IP

Domain Address

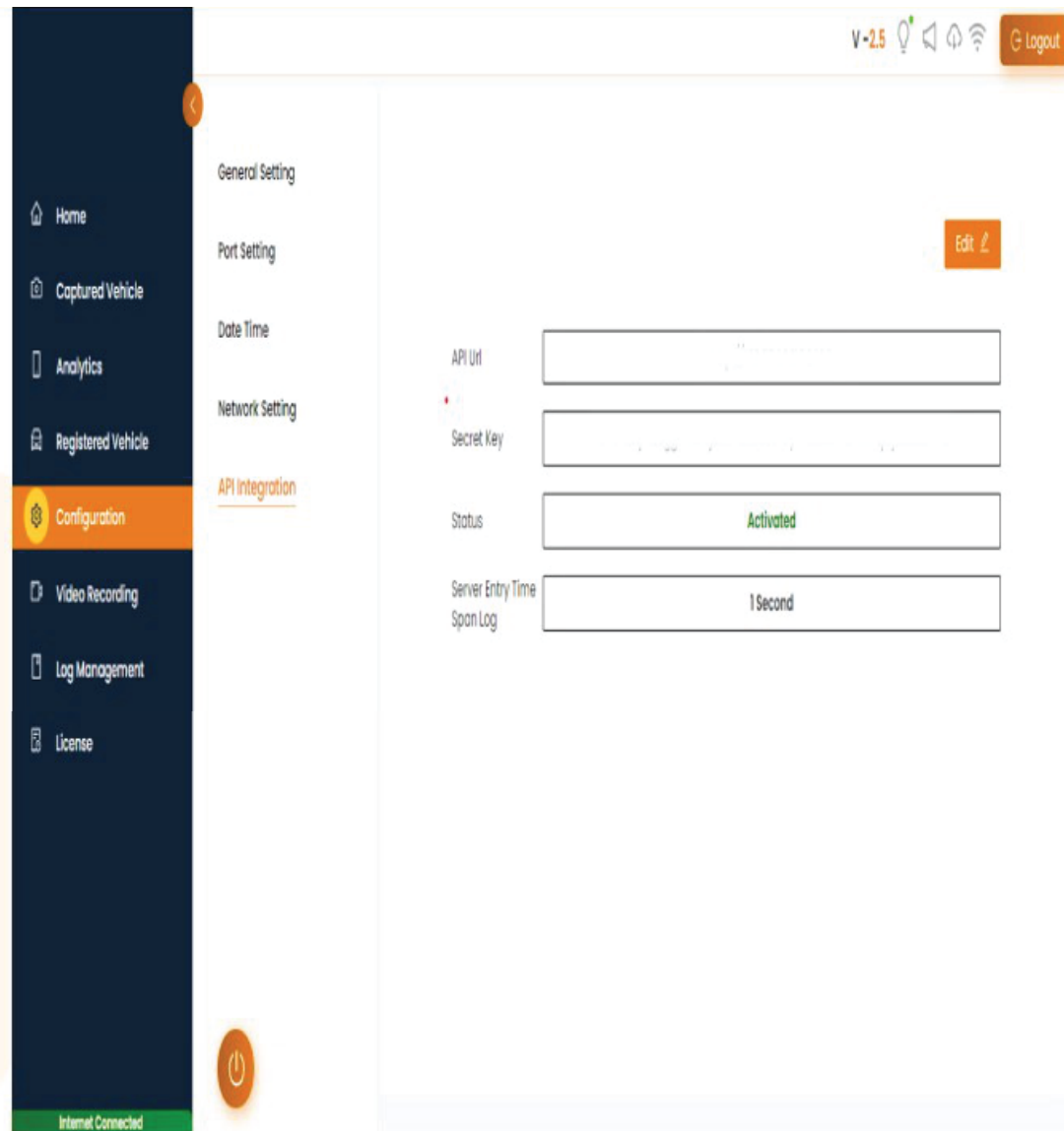
Reset

Internet Connected

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



The screenshot shows the 'API Integration' section of the 'Configuration' page. The left sidebar contains a menu with options: Home, Captured Vehicle, Analytics, Registered Vehicle, Configuration (highlighted), Video Recording, Log Management, and License. The main content area has a sub-menu with: General Setting, Port Setting, Date Time, Network Setting, API Integration (highlighted), and an 'Edit' button. The API Integration form includes fields for API Url, Secret Key, Status (set to 'Activated'), and Server Entry Time Span Log (set to '1 Second'). A status bar at the bottom indicates 'Internet Connected'.

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

API Url:

Secret Key:

Status:

Server Entry Time Span Log:

Internet Connected

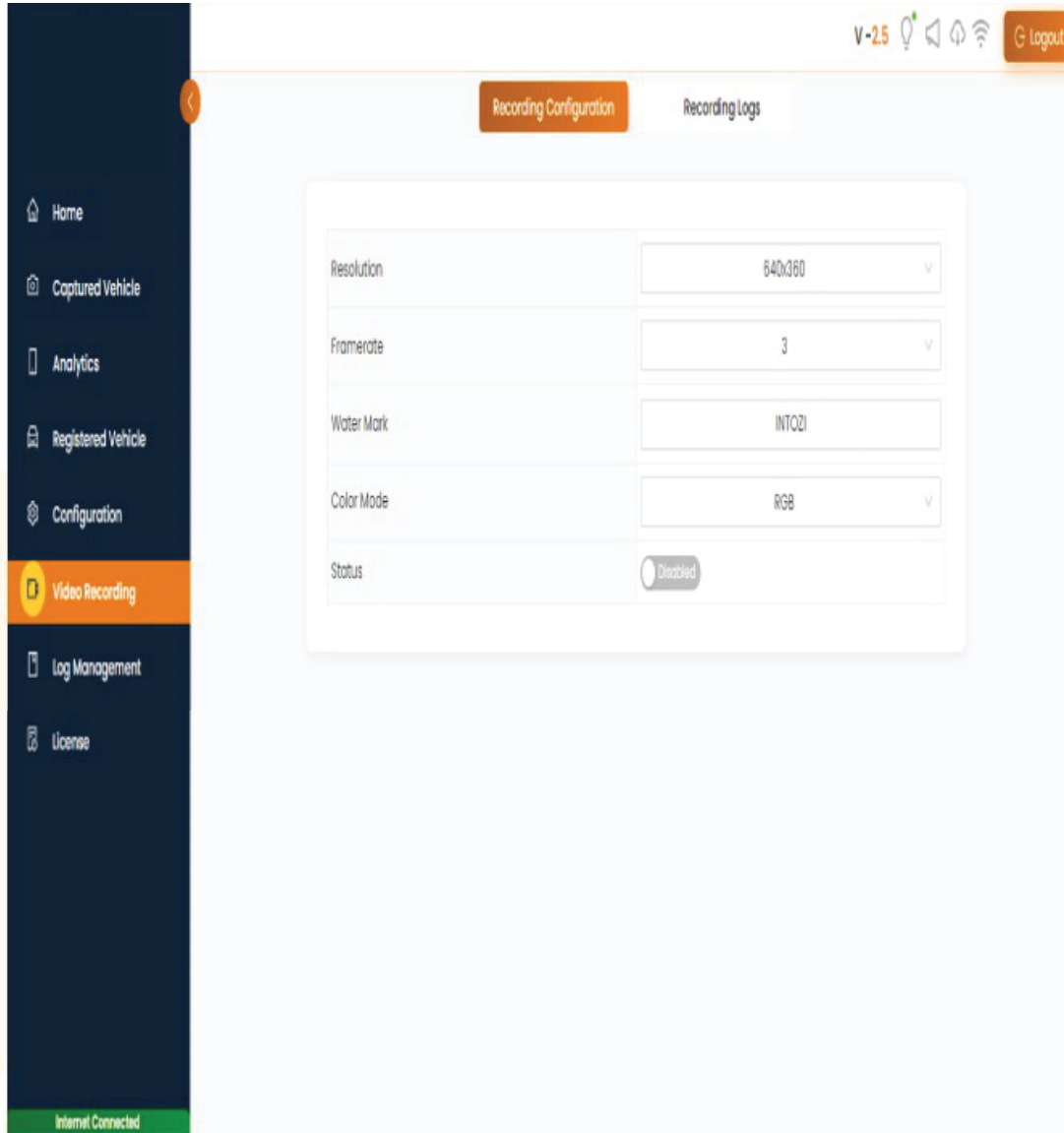
Video Recording

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.



The screenshot displays the TIMEWATCH web interface. On the left is a dark blue sidebar with a vertical menu containing icons and labels for: Home, Captured Vehicle, Analytics, Registered Vehicle, Configuration, **Video Recording** (highlighted with an orange background), Log Management, and License. At the bottom of the sidebar, a green bar indicates 'Internet Connected'. The main content area has a top navigation bar with 'Recording Configuration' (active, orange) and 'Recording Logs'. Below this is a configuration panel with the following settings:

Resolution	640x360	▼
Framerate	3	▼
Water Mark	INTOZI	
Color Mode	RGB	▼
Status	<input type="checkbox"/> Disabled	

In the top right corner of the interface, there are system status icons for 'V-2.5', a light bulb, a speaker, a Wi-Fi signal, and a 'Logout' button.

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.

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Filter by Date:

Start Date

End Date

Filter by Category:

All

Apply

Clear

Download

Total Number of Logs: 33

File Name	Synced	Log Type	Log Date	Details	Download
CLOUD_15-03-2023.txt	Yes	Cloud	15-03-2023	View	Download
ANPR_15-03-2023.txt	Yes	ANPR	15-03-2023	View	Download
RESOURCES_15-03-2023.txt	Yes	Resources	15-03-2023	View	Download
ANPR_14-03-2023.txt	Yes	ANPR	14-03-2023	View	Download
RESOURCES_14-03-2023.txt	Yes	Resources	14-03-2023	View	Download
CLOUD_14-03-2023.txt	Yes	Cloud	14-03-2023	View	Download
CLOUD_13-03-2023.txt	Yes	Cloud	13-03-2023	View	Download
ANPR_13-03-2023.txt	Yes	ANPR	13-03-2023	View	Download
RESOURCES_13-03-2023.txt	Yes	Resources	13-03-2023	View	Download
CLOUD_12-03-2023.txt	Yes	Cloud	12-03-2023	View	Download
ANPR_12-03-2023.txt	Yes	ANPR	12-03-2023	View	Download

License

This screen is used to 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

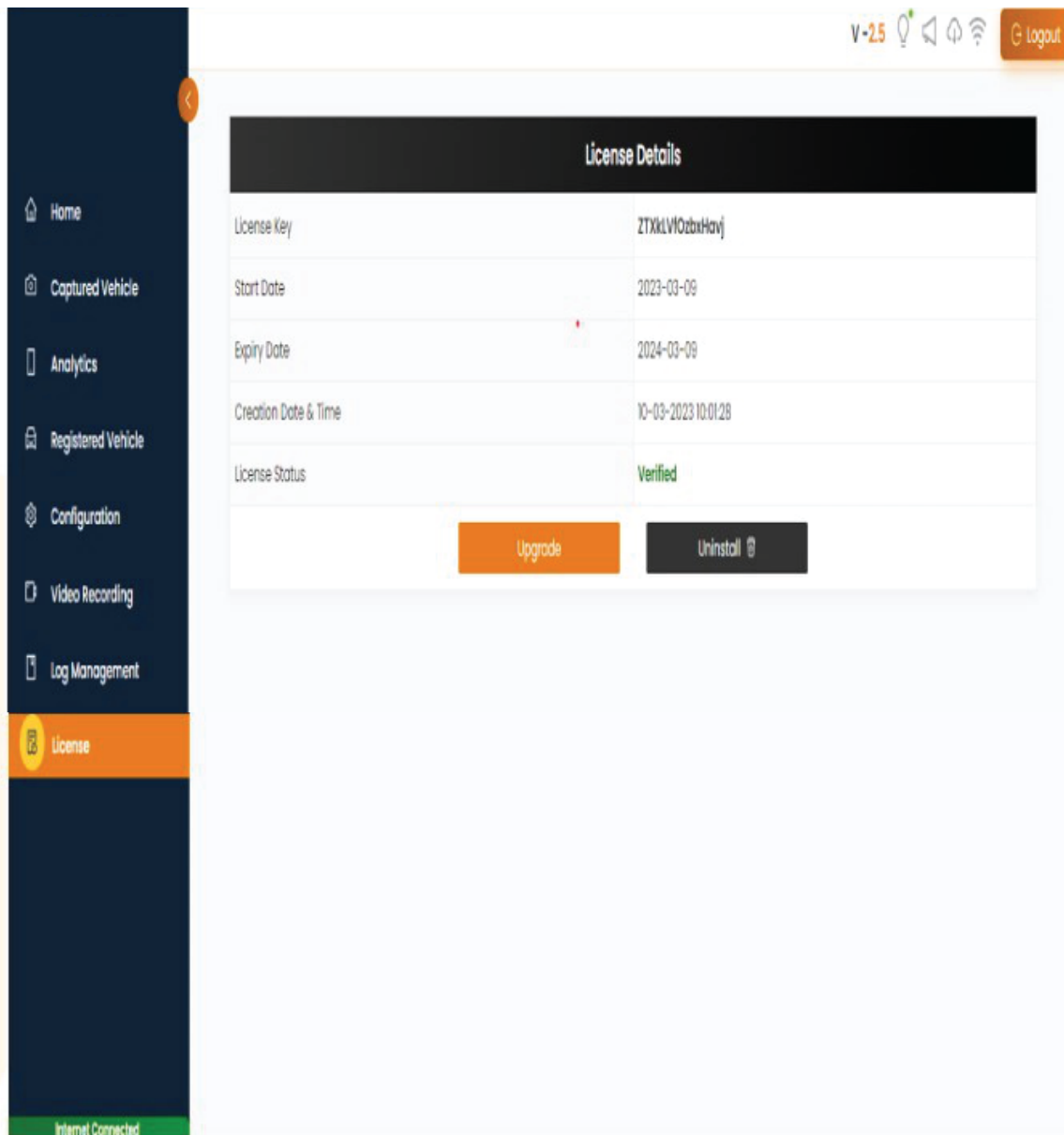
Step-2 Click on Verify License option, a pop-up window will get open on clicking the Verify License button. Notification icon will notify.

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.



The screenshot shows the 'License Details' screen in the TIMEWATCH application. The top navigation bar includes the version 'V-2.5', a notification bell, a microphone icon, a Wi-Fi icon, and a 'Logout' button. The left sidebar contains a list of menu items: Home, Captured Vehicle, Analytics, Registered Vehicle, Configuration, Video Recording, Log Management, and License (which is highlighted in orange). The main content area displays the 'License Details' table with the following data:

License Details	
License Key	ZTXktVIOzbtHavj
Start Date	2023-03-09
Expiry Date	2024-03-09
Creation Date & Time	10-03-2023 10:01:28
License Status	Verified

At the bottom of the table, there are two buttons: 'Upgrade' (orange) and 'Uninstall' (dark gray with a trash icon). The bottom status bar shows 'Internet Connected'.