Viewing and Editing LPR Events

Licence Plate Recognition (LPR) Capture Log

The **Licence Plate Recognition (LPR) Capture Log** is a tool designed to track, filter, and audit real-time and historical license plate reads. The system supports automatic data ingestion from fixed camera feeds as well as manual or mobile inputs from parking enforcement users.

To find this log go to **Violations**, then **LPR and Chalking**, and click **View Events**.

1. Search and Filtering Interface

The top section of the log provides comprehensive query filters to locate specific plate records.

Filter Fields

- **Plate:** Allows for full or partial plate number inputs.
  - *Exact Match:* Enclose the query in quotation marks (e.g., `"ABC123"`) for strict matching.
  - *Fuzzy Search:* Selecting the **Perform Fuzzy Search** checkbox enables approximate string matching to catch optical character recognition (OCR) anomalies or close variations.
- **Make:** A dropdown selector to filter by specific vehicle manufacturers (e.g., NISSAN, HYUNDAI, FORD). Defaults to "Any".

- **Colour:** A dropdown selector to filter results by vehicle color. Defaults to "Any".
- **Start Date / Up To and Including:** Date pickers to define a strict search window.

> The **Start Date** and **Up To and Including** parameters only restrict results generated by Pay Station data and LPR records. These filters do not retroactively filter out base vehicle profiles based on their original database creation date or account history.

Clicking the **Toggle More Options** button expands the interface to reveal advanced metadata filters. These options allow administrators to isolate specific hardware feeds, integration streams, and capture events.

- **Cameras:** A multi-select scroll menu used to filter logs by specific physical entry or exit lanes. This is critical for tracking a vehicle's exact movement pattern. Options default to **ANY** or can be filtered by specific installations, including:
  - Entry Points
  - Exit Points
- **Event Type:** A dropdown menu used to filter logs by:
  - Entry
  - Exit
  - Patrol
  - Tracking
- **Device Type:** A multi-select scroll menu to filter entries based on the software agent or integration platform delivering the LPR data. Options

include:

- ANY: Broad system-wide search.
- PL8RDR / Vaxtor: Specific integrated LPR software engines.
- User / Other: Manual enforcement inputs or unclassified mobile devices.

2. LPR Captures Results Table

Table Columns Breakdown

Column Name	Description
Actions (Icons)	**Map/Location icon** (for viewing GPS Location) and an **Edit/Pencil icon** (for updating plate information).
Licence Plate Image	An image of the captured license plate.
Permit	Displays an active permit badge icon if the plate is successfully cross-referenced with a valid parking permit.
Plate	The licence plate number detected by the camera.
Make / Model / Color	Declared vehicle descriptors (e.g., *NISSAN / WHITE*, *FORD / SILVER*).

Column Name	Description
Writer	Identifies the intake route. Shows a directional tag (e.g., Entry, Exit) or an assigned user badge for manual/handheld entries. A fixed camera tracks: • Entry - Green >> arrows • Exit - Red << arrows • Tracking - Yellow □□ arrows A human writer has one type: • Patrol - Blue star
Source	Identifies the software module or entity passing the data.
Device	Dictates hardware source classification, such as a fixed camera mounted at entry/exit gates or the device name of the handheld used to capture the licence plate.
Recorded	Exact timestamp log of the capture event.

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