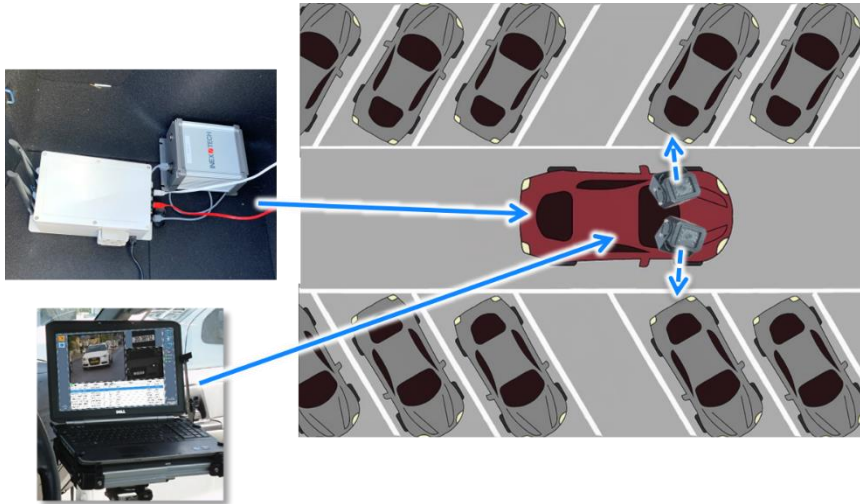


# MOBILE ALPR SOLUTION FOR PARKING ENFORCEMENT (LPI INVENTORY)



## Key Features and Benefits

- Universal USA ALPR engine to interpret plates from all 50 states – from any location
- NVIDIA® Artificial Intelligence (AI) GPU processor for lightning fast processing
- RoadView video analytics for in-depth vehicle analysis
- Highest ALPR read rate in the industry, proven by our market-leading tolling experience
- Fixed lens for consistent performance
- Wide temperature range – operating from 14°F to 122°F (-10°C to 50°C)
- IP67 ingress protection against extreme moisture
- NDAA Section 889 compliant for our national security



The INEX/TECH Mobile License Plate Inventory (IZMobileLPI) system uses IZM600F mobile ALPR cameras mounted on a roving vehicle. The vehicle drives a set route through large parking facilities, such as those found at airports, and automatically captures and creates an inventory of parked cars using RoadView ALPR software technology.

During one of the roving vehicle's "shifts", each license plate is captured, read, and stored in a tablet/laptop inside the vehicle, in a local database – via a Data Collector application. The driver/operator sees a real time video feed from the cameras, license plate image and a readout of the recognition result on a GUI.

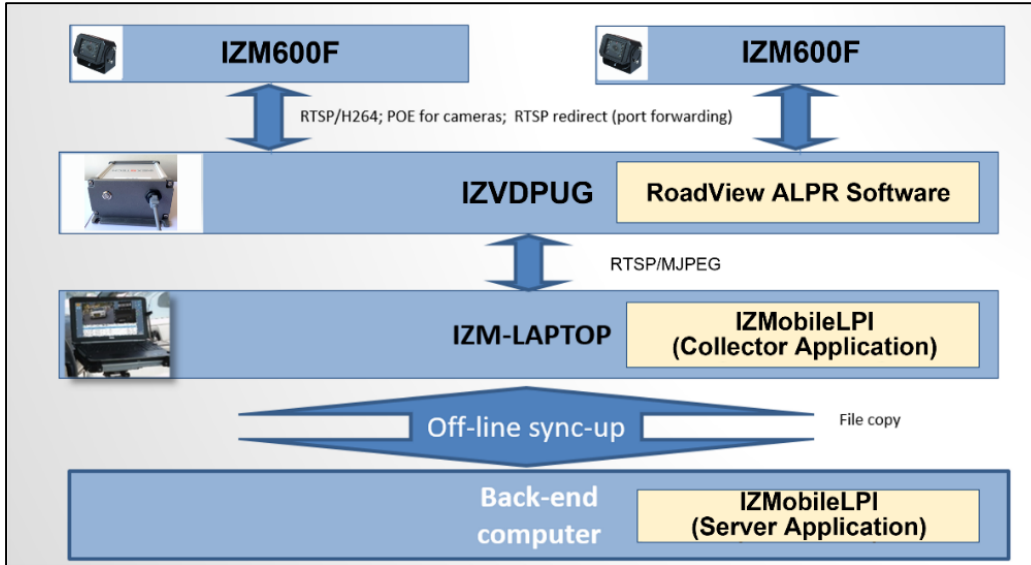
The screenshot shows the 'Vehicle Inventory: [COLLECTOR]' application window. It features a 'Left Camera' view on the left showing a license plate 'MXT-38F' with a 'COVER' sticker. The 'Vehicle' section in the center displays a larger image of the license plate and the text 'MXT38F'. Below this are buttons for 'Insert Plate', 'Delete Plate', and 'Accept Correction', along with 'Alarm' (set to 'Wanted') and 'Confidence' (set to 'High'). The 'Route' section on the right includes dropdown menus for 'Prev Row', 'Next Row', 'Prev Section', 'Next Section', 'Prev Lot', and 'Next Lot', with a 'MapView' button. A 'Counts' section shows 'Total Lot Count' as '30'. At the bottom, a table lists captured plates with columns for Plate, Date Time, Lot, Section, Row, Ov, Alarm, Conf, and File. Buttons for 'Clear Row', 'Clear Section', 'Clear Lot', and 'New Shift' are on the right side of the table.

Plate	Date Time	Lot	Section	Row	Ov	Alarm	Conf	File
MXT38F	1/11/2019 4:50:14 PM	West Parking Lot	Section 1	Row 1	No	Yes	Yes	2123700968.jpg
AK95793	1/11/2019 4:50:13 PM	West Parking Lot	Section 1	Row 1	No	Yes	Yes	244533953.jpg
MXT38F	1/11/2019 4:50:12 PM	West Parking Lot	Section 1	Row 1	No	Yes	Yes	1411175643.jpg
AK97T93U	1/11/2019 4:50:11 PM	West Parking Lot	Section 1	Row 1	No	No	No	1279590640.jpg
RBN42L	1/11/2019 4:50:10 PM	West Parking Lot	Section 1	Row 1	No	Yes	Yes	12316004.jpg
AK95793	1/11/2019 4:50:09 PM	West Parking Lot	Section 1	Row 1	No	Yes	Yes	398955519.jpg
1795793	1/11/2019 4:50:08 PM	West Parking Lot	Section 1	Row 1	No	Yes	No	772578069.jpg
MXT38F	1/11/2019 4:50:07 PM	West Parking Lot	Section 1	Row 1	No	Yes	Yes	1657690400.jpg
MXT38F	1/11/2019 4:50:06 PM	West Parking Lot	Section 1	Row 1	No	Yes	Yes	829145060.jpg

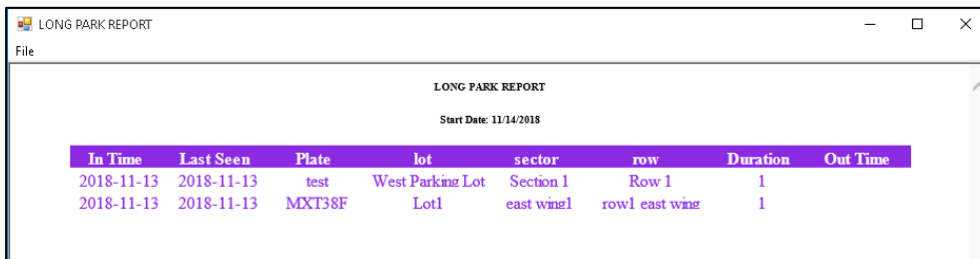
The system enables the operator to know when an automatic read by the system is questionable (low confidence) due to a difficult-to-read license plate, by sounding an audible tone accompanied by a highlighted entry on the screen. Suspicious plates of different warning types (defined by a "watch list" file) are also highlighted.

At any time during the collection process for a specific row, the operator can review and edit the plate data that was added to the current inventory.

Once the license plate capture is completed, the local database on the tablet/laptop can be uploaded to a central (master) database on a Server application. The local database will include the license plate, lot, level and row location data. The newly captured data (latest inventory) can then be synchronized with the master database, providing a complete current and historical record of parked cars.



The Server application provides a set of standard reports, and includes a versatile means for searching for specific license plates in the inventory. For example, cars that have been on site for an extended period can be searched for.



### Bill of Materials (Per Vehicle)




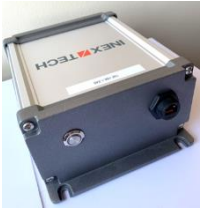






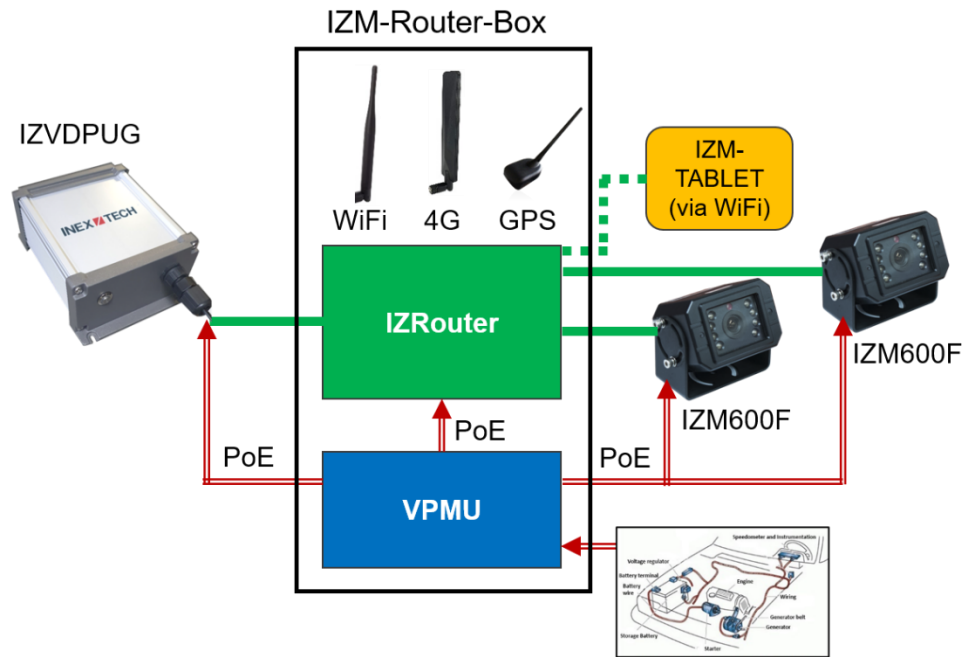
Illustration	Quantity	Description
	1 or 2	<a href="#">IZM600F</a> Mobile ALPR Camera
	1 or 2	Magnetic mounting base (already attached to cameras)
	1 or 2	Waterproof LAN cable jacket assemblies (for connection to cameras)

Illustration	Quantity	Description
	1	<a href="#">IZVDPUG</a> Vehicle AI Data Processing Unit
	1	IZM-Router-Box – includes router and Vehicle Power Management Unit (supplies PoE to cameras)
	1	Power cable for IZM-Router-Box
	1	IZM-TABLET* or IZM-LAPTOP* with Mobile LPI software installed *Optional - can be supplied by INEX or customer
	1	Laptop protective cover
	1	Laptop mount (includes cooling fan)
	1	Car charger for tablet/laptop

**System Diagram**



**About INEX**

- Thousands of operational lanes
- Hundreds of successfully delivered projects
- US-based head office
- US-based R&D
- US-based support
- US-based Professional Services
- Certification and training programs

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