

IZHandheldLPI Inventory for Parking Management

Technical Datasheet



Key Features and Benefits

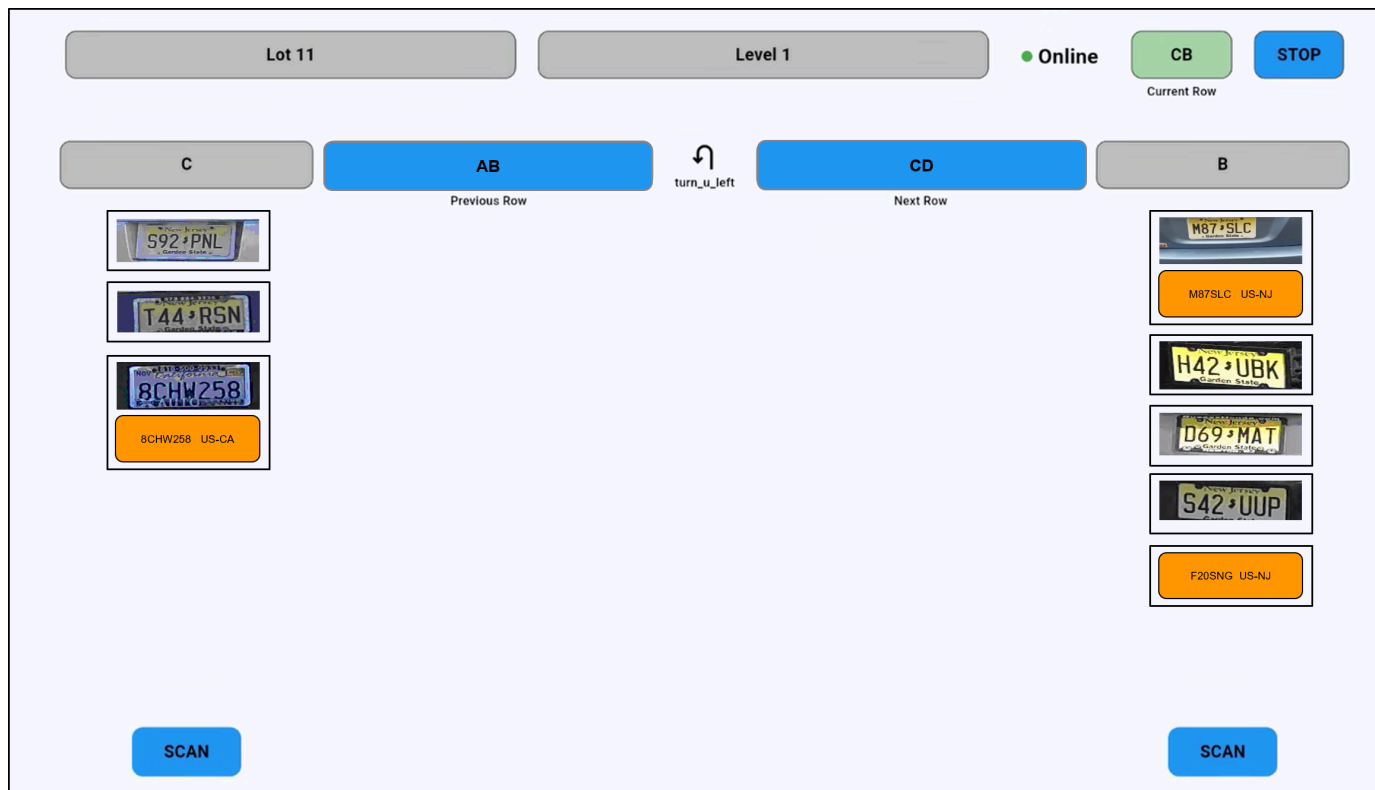
- ✓ Route planning - maps submitted by operators are converted to routes for efficient coverage of parking facilities
- ✓ Pictures of vehicle plates taken using an Android tablet or smartphone - convenient for obstructed plates or occluded parking
- ✓ Manual entry - for plates that are difficult to read
- ✓ Review and correction of license plate data
- ✓ Images uploaded to the cloud and AI-processed recognition and plate inventory creation

The Inex Handheld License Plate Inventory (IZHandheldLPI) uses a handheld device (Android tablet or smartphone) to capture license plate images. The captures are taken according to a set route through large parking facilities, such as those found at airports. The images are then uploaded to the cloud for plate recognition and creation of a parked car inventory in IZCloud-PARK (see the [IZCloud-PARK documentation](#)).

These capabilities are particularly useful for:

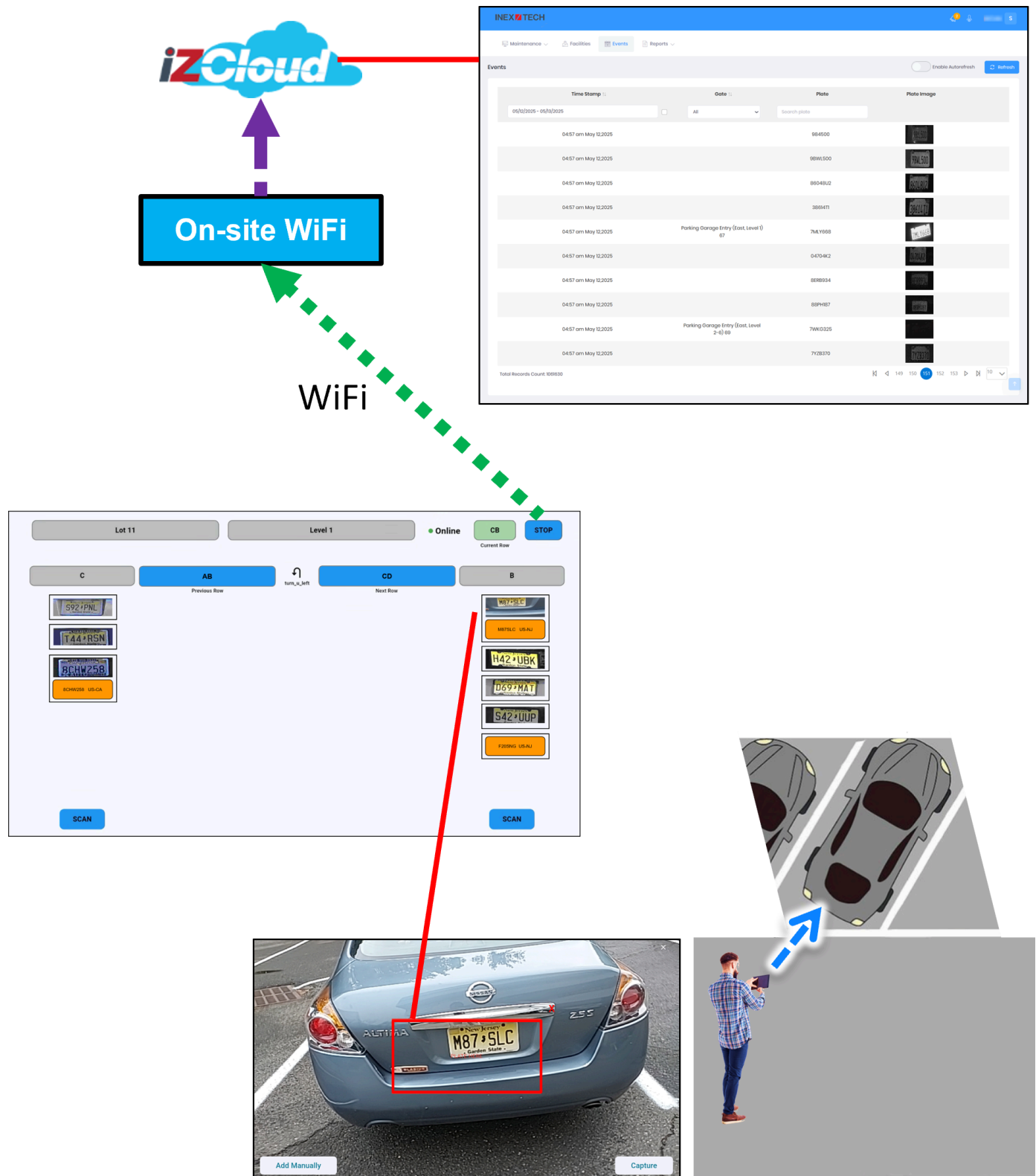
- Parking lots which are difficult to drive through with a roving mobile LPI vehicle (see the [IZMobileLPI documentation](#))
- Vehicles which are too far away from mobile LPI cameras
- Vehicles with only a front or rear plate which mobile LPI cameras cannot read
- Plates that cannot be read by mobile LPI cameras

During one of the "scans", the operator goes back and forth through the parking lot's rows, capturing license plate images with the handheld. At any time during the scanning process, the operator can enter the plate characters manually, or re-capture the plate image.



Once the operator finishes scanning, the operator sends the scan result data to IZCloud-PARK. IZCloud-PARK is a modular, cloud-based suite of Automatic License Plate Recognition (ALPR) services. The newly captured scan data is added to the IZCloud-PARK's records, providing a complete current and historical record of parked vehicles, real-time and scheduled pre-generated reports (see the [IZCloud-PARK documentation](#)).

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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