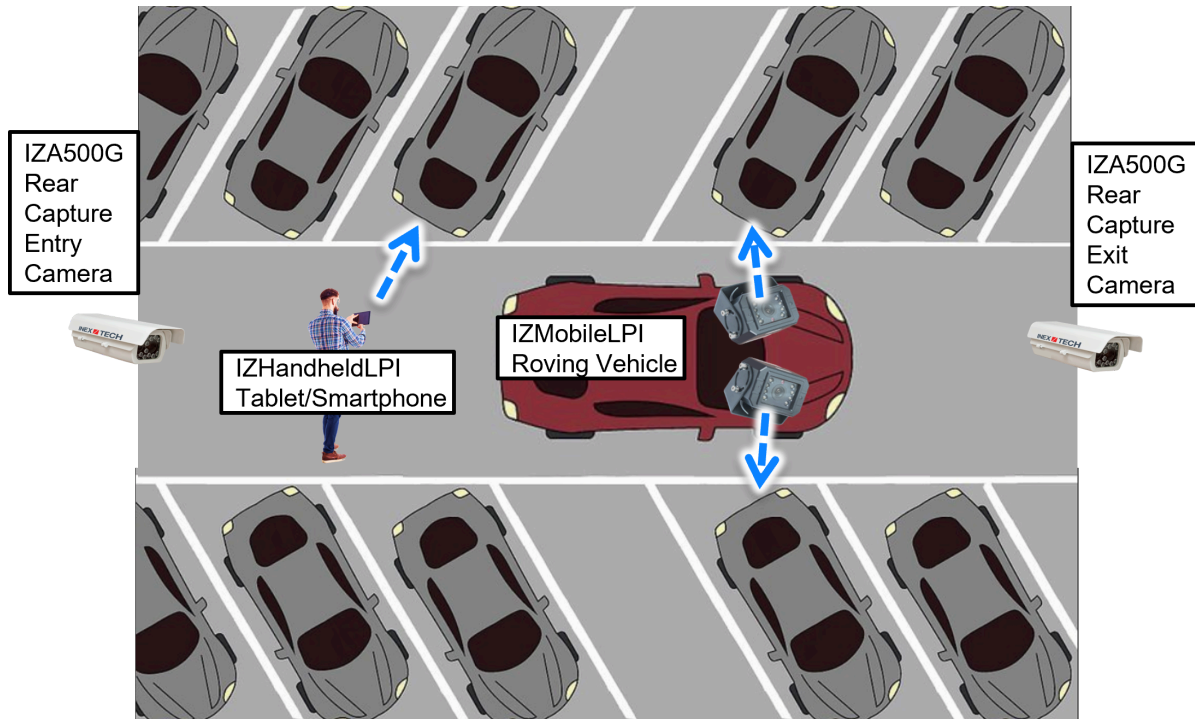


IZCloud Parking Management Technical Datasheet

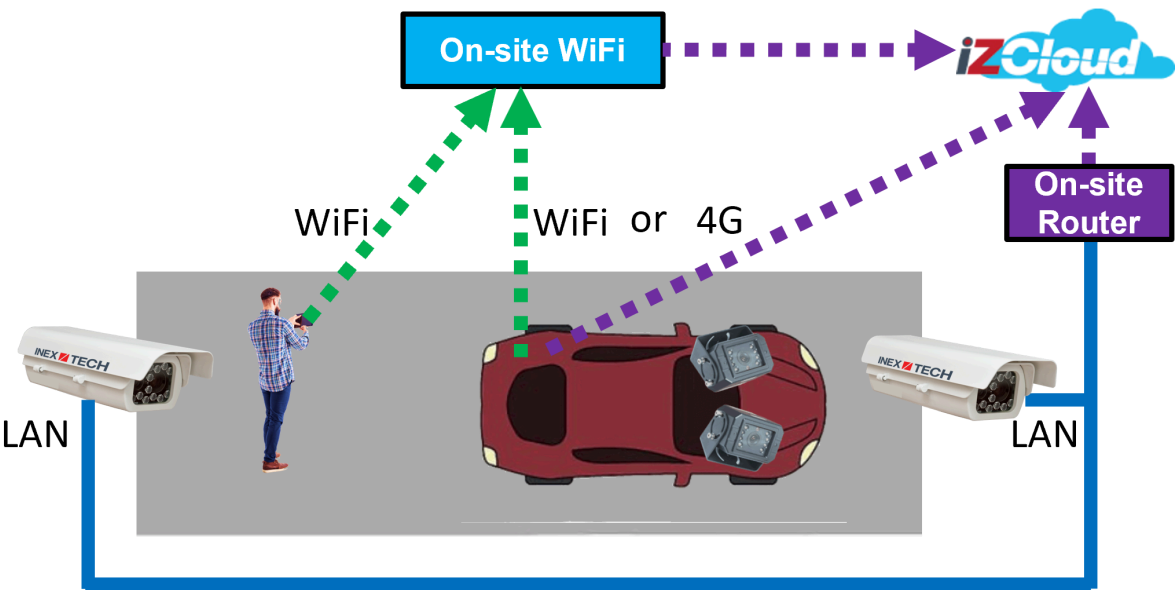


Key Features and Benefits

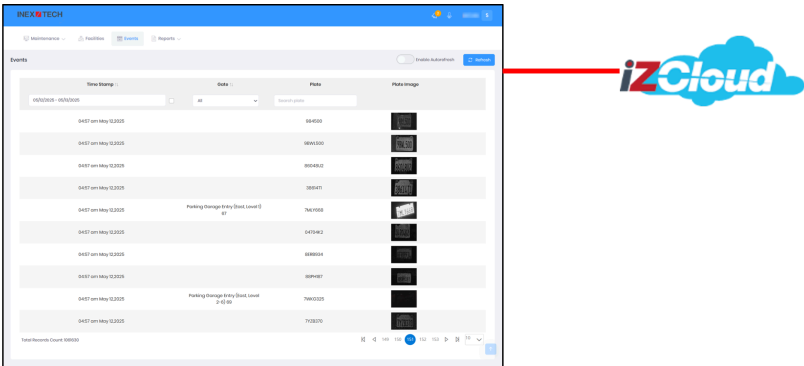
- ✓ Transaction management - matching entry and exit vehicle reads, ensuring accurate tracking of parking usage and duration
- ✓ Data reconciliation - integrates parking inventory data to provide parking space usage and availability information
- ✓ Real-time vehicle tracking - maintains a live list of vehicles in all parking lots
- ✓ Mobile roving vehicle with mounted cameras provides real-time occupancy vehicle scans
- ✓ Handheld ALPR - for obstructed plates or occluded parking, with manual entry of plate characters and state

The Inex IZCloud Parking Management solution provides a comprehensive approach to parking lot management and vehicle tracking. Using fixed ALPR cameras, roving vehicles with mounted cameras, and handheld devices, vehicle entries/exits and parking lot inventories are all included in one system. Vehicle and plate images, and other data such as state, are uploaded to IZCloud-PARK, a modular, cloud-based suite of ALPR services, providing a complete current and historical record of parked vehicles.

Data Communication Flow



Software



IZA500G Entry/Exit Cameras

IZA500G ALPR All-in-one AI cameras use RoadView video analytics on edge for in-depth vehicle analysis. Dual sensors provide multiple paths to perfect reads, with an accuracy rate exceeding 99%. See the [IZA500G documentation](#).

IZMobileLPI Inventory

As a roving vehicle moves through and scans a parking lot, based on a pre-defined route, each license plate is captured using RoadView software. License plate reads and overview images are stored in an IZMobileLPI application, running on a laptop inside the vehicle. The operator sees a real time video feed from the cameras, along with license plate images and a license plate recognition results, which are uploaded to IZCloud-PARK. See the [IZMobileLPI documentation](#).

IZHandheldLPI Inventory

Operators can use IZHandheldLPI running on an Android tablet or smartphone to capture license plate images. The images are uploaded to IZCloud-PARK for plate recognition and creation of a parked car inventory. License plate characters and state identification can be entered manually, for plates which are difficult to read. See the [IZHandheldLPI documentation](#).

IZCloud-PARK

IZCloud-PARK enables operators to review and analyze mobile and handheld scan data, plus plate reads from cameras located at the entry and exit points of parking facilities. See the [IZCloud-PARK documentation](#).

IZCloud-PARK provides real-time and scheduled pre-generated downloadable reports, including:

- All LPR Events from all cameras (mobile/handheld and entry/exit)
- Plate and state read confidences plus suspected mistakes
- List of scan files uploaded from all mobile cameras/handheld devices
- Parking transaction details per vehicle (entry, exit, detections during inventory scans)
- Vehicles that have reappeared, disappeared or have been parked too long (aged)
- Parking fees for each vehicle

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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