

An innovative solution for managing outdoor parking on roads or in yard areas, accurately tracking the duration in parking slots with precise plate recognition, all without the need for inspector intervention.



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Parking Management System



Tatweer presents a comprehensive parking guidance solution that enhances off-street parking experiences in shopping malls, office buildings, industrial parks, and beyond. The system employs parking cameras to collect information about parked vehicles and available parking spaces and relays this data for centralized management. The real-time data is automatically displayed on screens, simplifying the task of finding available spots and locating parked cars for drivers. This intelligent solution can significantly boost customer satisfaction, streamline operations for facility managers, reduce maintenance cost, and increase revenue potential.

Features

- 01

Detection of vehicle entry and exit in parking spaces.
- 02

Capability to recognize vehicle brand, type, and color.
- 03

Achievement of 100% capture rate (with loop detection) using advanced Edge ANPR Analytics.
- 04

Achieved over 99% accuracy for closed parking and 95% for VIP/Reserved spaces.
- 05

Captures plates in various weather conditions.
- 06

Connects with back-office systems for monitoring and control.



The system has the ability to cater to various conventional parking needs, including

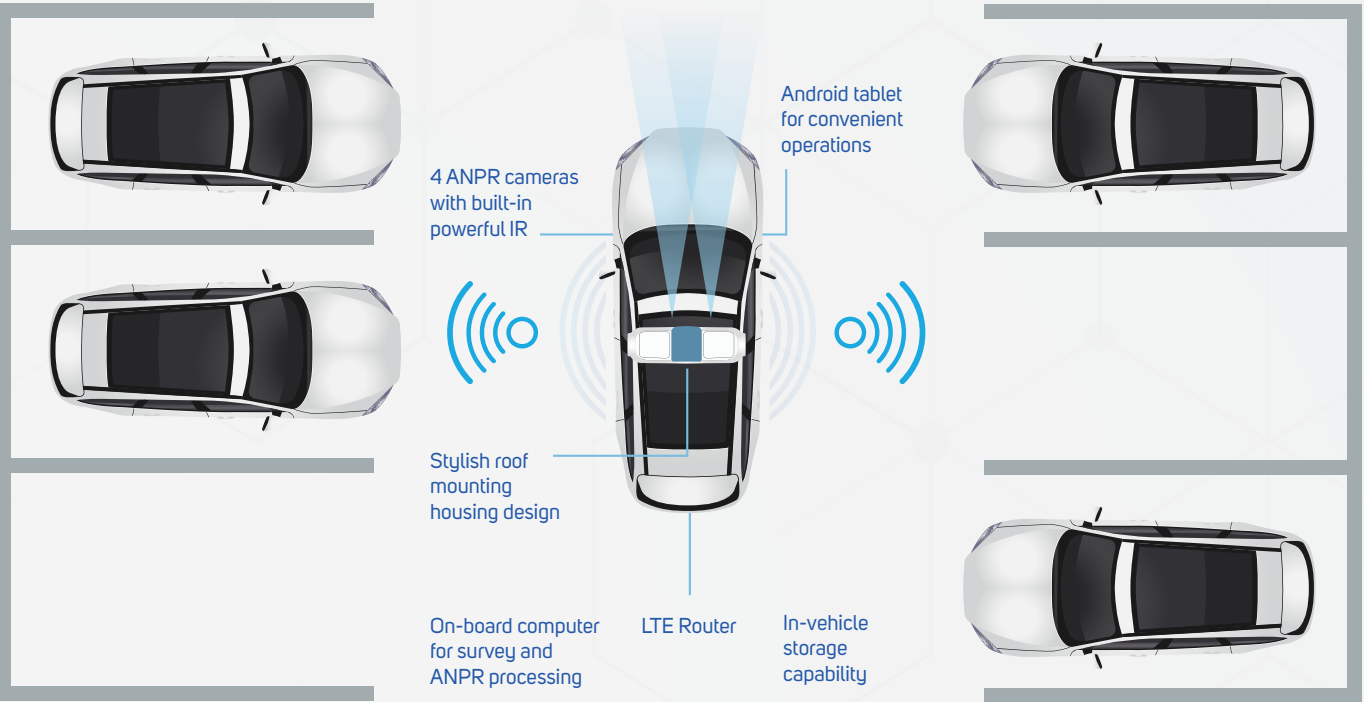


Benefits



Inspection Vehicle

The inspection vehicle is equipped with advanced sensors seamlessly connected to an in-vehicle mobile application, and integration with the back-office parking application to automate the whole system.



Overview

1. Simultaneous scanning on both sides (right and left of the parking areas) using multiple cameras at different angles.
2. Improved field of view that covers a larger area, capturing a majority of the vehicles within its view.
3. Facilitates faster inspections, even at higher speeds, compared to the existing system.
4. Simultaneous checking of multiple parked vehicles with precise location mapping.
5. In-vehicle mobile application designed to automate and optimize the parking inspection process.
6. Customized and tailored software enabling inspectors to review and edit the inspected vehicles' data before submission.