TATWEER

Parking
Management
System

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

Benefits

Reduction of operational costs

Enhanced public safety and law enforcement

Precise resource planning and vehicle route inspection

Increased revenue

Improved residents' quality of life

Guaranteed ROI

P.O. Box 45021, Office M03
Building C29, Khalifa Park
Abu Dhabi, UAE
Tel: +971 2 441 5551

Office 403, Building 4,
Emaar Business Park, Plot 11
Dubai, UAE
Fax: +971 2 441 5552

www.tatweermea.com

Tatweer presents a comprehensive parking management 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 Achieved over 99% accuracy for closed parking and 95% for VIP/Reserved spaces.

03 Connects with back-office systems for monitoring and control.

04 Captures plates in various weather conditions.

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

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

Residential parking

ABC-123 ANPR-based closed (fixed entry and exit) parking

Premium Parking

VIP VIP parking

Special needs parking

Solar based Camera

Mobile App

Solar based Camera

PARKING INSPECTION VEHICLE

Central Management Platform

Violation Processing

Special Parking (Reserved, Handicap, Emergency, etc.)

Outdoor Parking

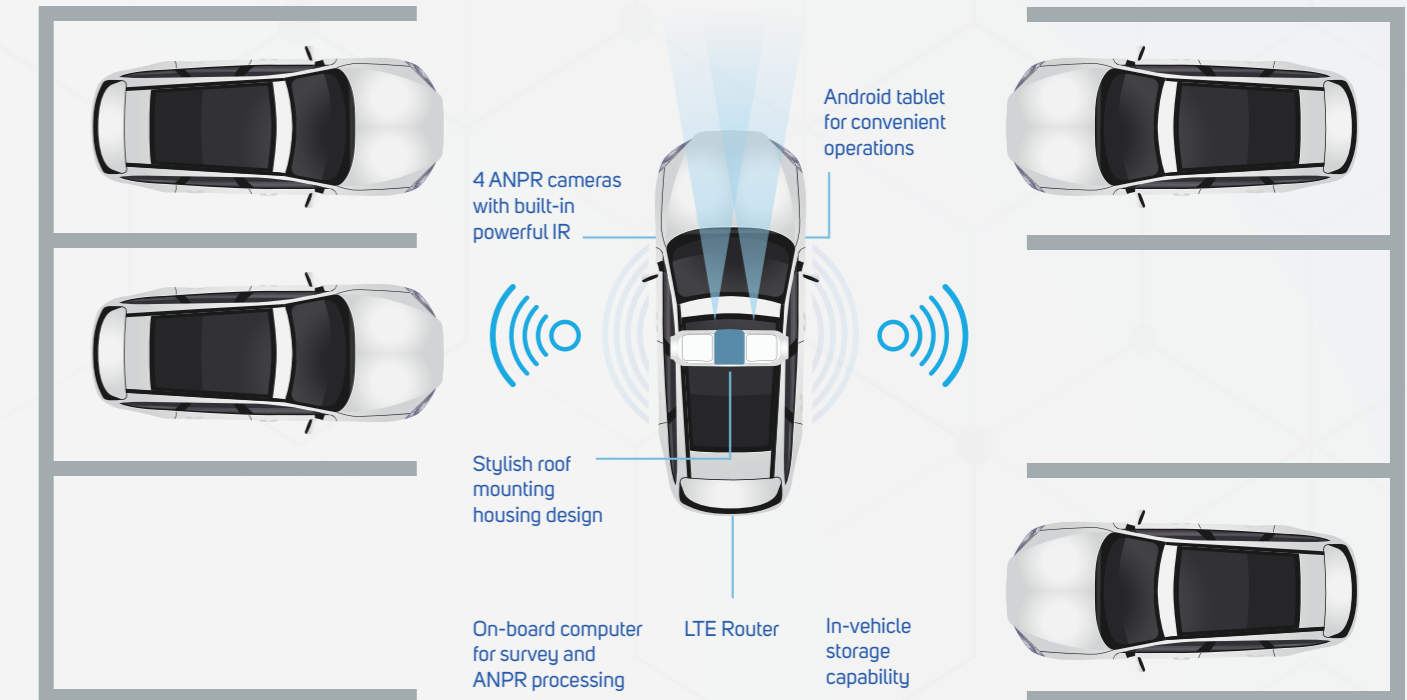**Indoor Parking**

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.

4 ANPR cameras with built-in powerful IR

Android tablet for convenient operations

Stylish roof mounting housing design

On-board computer for survey and ANPR processing

LTE Router

In-vehicle storage capability

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 inspectedvehicles' data before submission.