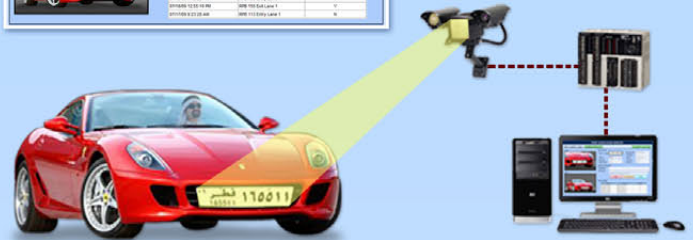
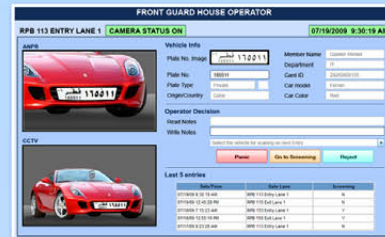


TRAFFIC TECH SMARTANPR SOLUTION

Traffic Tech **SMARTANPR** solution is a highly accurate Automatic Number Plate Recognition System with the capability to read Arabic number plates and characters in Gulf Countries and Arabian Peninsula. It is highly accessible, a 24/7 solution that works with full options even when servers and networks are down. With its Advanced Management Software, monitoring, report generation, and system management of an entire site can be done anywhere on the corporate LAN/WAN.

ANPR (Automatic Number Plate Recognition) is a technology which automatically recognizes number plates of stationary or moving vehicles using live stream from cameras. The system consists of key components such as ANPR Software, ANPR Cameras, Triggering Devices (Induction Loops, etc), Management Software and Database.

The ANPR Camera captures live image of vehicle license plates and processes it into a digital number which can be matched with a database of authorized vehicles allowing access to a secure site. License plates can also be compared with a database of black-listed vehicles to raise alarms for security and law enforcement applications. The system also creates a history of vehicles entering or exiting the site for reporting purposes.



SMARTANPR CONFIGURATIONS

Parking Mode (Stop & Go Mode)

- An ANPR solution integrated with a parking management system designed to provide vehicle access control for paid parking lot / secure parking.
- System components include ANPR Cameras and Illuminator, automatic barrier, loop detectors, and other optional components such as ticket dispensers, cash counters, customer display, etc.



Free Flow Mode

- An ANPR solution suitable for logging vehicle entry in secure areas.
- ANPR camera captures number plate information of moving vehicles at high speed. Ideal for highway applications like point to point speed enforcement, highway security surveillance, and Journey Time Measurement Systems (JTMS).
- System components include ANPR Cameras, Illuminator, and an optional loop detector device to detect vehicle movement and improve the system's performance.



Mobile Mode

- Mobile ANPR for law enforcement and surveillance application.
- Moving/stationary ANPR camera captures license plates of moving vehicles.
- Typically mounted in police cars and other law enforcement authorities.



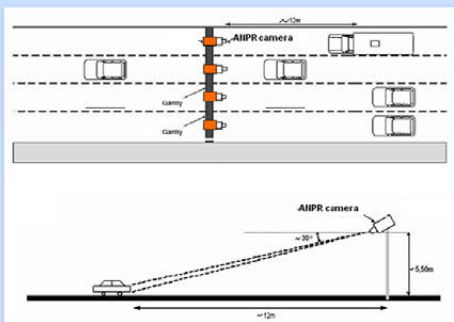
FEATURES

- First Arabic ANPR (Automated Number Plate Recognition) System for reading Arabic Number Plates with high accuracy.
- Captures Arabic license plates of moving vehicles with maximum speed of 200km/hr.
- Optional Color Camera to capture and recognize GCC License Plates Categories.
- Interfaces with different third party systems including Parking Management System, CCTV and Access Control, etc.
- A multi-language interface (English / Arabic) enables the user to select/switch languages at anytime.
- Provides an interface to pre or post register season vehicles (frequent visitors or contractors etc.) to make the information instantly available for security department.
- Simplifies and accelerates vehicles entry and exit thus improves security for both operators and users.
- Elimination of swipe cards or proximity devices improves traffic flow during peak periods.
- Black-list feature enables the System to compare the recognized license plate number & class with a list of black-listed (flagged) vehicles from the database. If a black-listed vehicle is found, a sound buzzer & visual alarm notifies the gate staff of the flagged vehicle.
- Provides a Watch-List Database that automatically monitors, logs, and notifies entry (through SMS and/or email alerts) of vehicles on watch list.
- Overview image of vehicles are stored for future use.
- Optional Driver Camera integration to capture driver's face.
- Live monitoring of captured vehicles from any place over local area network.
- Live monitor allows monitoring of multiple lanes in one screen as summary mode. Each lane can also be monitored individually.
- A number of reports on daily or periodical basis can be generated to list the vehicles' number plates and/or pictures during the selected period.
- Traffic flow analysis reports.
- Day/night 24x7 operation.



BENEFITS

- Improves security for both operators and users.
- Elimination of swipe cards or proximity devices.
- Improves traffic flow during peak periods.
- Enhances parameter security.
- Secure access control based on number plate and ability to restrict entry/exit of stolen vehicles.
- Tracking of wanted vehicles.
- Commercial parking operations with or without human intervention.
- Monitoring of vehicles movement.
- Simplifies and accelerates vehicles entry and exit operations.
- Saves money by reducing security requirements, speeding up access, and by providing better asset management.



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Traffic Tech for Security Systems

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