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## Automated Number Plate Recognition (ANPR)

KAPS<sup>®</sup>



KEEP MOVING

## What is KAPS Mobile ANPR?

Automated Number Plate Recognition (ANPR) is a proven mechanism that automatically reads number plate numbers on stationary or moving vehicles. Using advanced camera, recognition, and database technology KAPS ANPR systems automatically capture images of vehicle and license plate numbers and instantly check those numbers against a variety of vehicle “hot lists” or “black list” held in target vehicle databases, held in a local database or a remote database. Alarms can be triggered when a “hit” (match) is detected on any given database giving the ANPR operator the opportunity to take immediate action. Live checks can be performed from the vehicle via secure “wireless” connections. The location of capture is recorded via GPS coordinates through the inbuilt GPS module

KAPS Mobile ANPR puts together a fast shutter speed black and white camera, with an optional over-view color camera. Using dedicated led flood-light, the camera operates in all lighting conditions giving a consistent high quality images. Behind the scenes is an intelligent ANPR engine, software that does the actual recognition, database management and match rules. The software is hosted on a ruggedized PC, built specifically for mobile application. With a 9” or optional 12” color touch screen monitor, operations on the go cannot be easier

## How does KAPS ANPR work?

1. Camera Targets and Captures Plate. High-powered Plate Capture Cameras send a crisp image to the ANPR Processor, which translates the image into text and checks against various hotlists.
2. Plate is compared to Hotlist Database. The ANPR Processor stores local hotlists which can be updated periodically. KAPS Mobile ANPR compares the plate against these lists.
3. Driver /Operator is Alerted of a Hot list Match. When a match occurs, an audible alert sounds off and an alert box appears on the touch screen showing details about the alert.

## What would we use KAPS Mobile ANPR for?

- Municipal and City Parking fee default
- Red light enforcement
- Stolen vehicle detection
- Airport security AMBER alerts
- Surveillance
- Criminal warrants
- Counter-terrorism
- Ports of entry
- Theme park security
- Perimeter security
- Internal Security special operations
- Border Patrol / enforcement
- Covert / overt intelligence gathering