

## © CHROME SOFTWARE - MOBILE ANPR



Highly accurate in-vehicle mobile license plate recognition and database comparison solution for rapidly detecting listed/wanted vehicles in public places and other areas while on the move.

No speed restrictions - drive at normal speeds - no need to crawl along drawing unwanted attention to the patrol vehicles.

Applies ANPR algorithms many times per second to each camera stream. Uses parallel threading and highly optimised neural network technology to ensure maximum read accuracy by calculating thousands of times per second for each image frame.

Employs colour imagery using standard IP cameras. Is not restricted to mono or black & white images. Does not require dedicated LPR cameras. This is the superior technique as the colour images are naturally easier on the human eye plus they can be used as evidence and reused for other purposes.

Uses affordable entry level USB and/or IP cameras – does not require expensive specialized cameras. Capable of up to eight cameras per vehicle depending on computer hardware.

Easily edit and load listed plates from CSV (Excel) or text files into the onboard mobile comparison database. Optionally store all detected plates while on the move.

Alerts the operator/driver when listed plates are detected. Optionally takes GPS co-ordinates and send sms and/or email to control centre and other interested parties.

Optionally includes GPS module to stamp location and time details into stored images. Links to google maps. Optionally periodically reports patrol vehicle location to control centre if 3G available.

Optionally uses motion detection to pause recording/operation to conserve resources whenever mobile system and vehicle is stationary.

Optional central control system with SQL database to coordinate the entire campaign and fleet of mobile systems. Upload and store all read plates from all vehicles after each trip. These are the many plates of vehicles not on the wanted list and maintain these for future reference and other data mining purposes. For example newly listed plates will be checked against the existing data upon capture to determine if the plate has previously been detected and the location it was in. This is done even before loading data into the mobile systems.

Optionally communicate via 3G in live real-time mode between mobile and control centre.

- Update mobiles from control centre for newly listed plates and delisted plates.
- Notify control centre of detected plates and GPS co-ordinates.
- Periodically report GPS location of patrol vehicle.
- Automatically keeps database synchronized.

Optionally deploy multiple central databases in multiple locations. Useful to share data and to backup data for protection/replication and for sharing on a national/enterprise basis and amongst cooperating organizations.

## **Price Guide – Please request a quotation**

### **Software Only Version: R 14 500**

Delivery via internet.  
Software only  
One per patrol vehicle  
Includes:  
ANPR engine.  
In-Vehicle application.  
SQL Database  
Stores all images  
Can SMS/Email if 3G is provided.  
Can work with multiple Cameras – no extra cost per camera  
Requires approved cameras and hardware.

### **Software and Hardware Version: R 45 000**

Delivery via courier or installed into vehicle at our offices  
Software and Hardware  
One per patrol vehicle  
Includes:  
Software Version worth R14 500 - see above  
I7 Laptop Computer  
3G Router (SIM and Bandwidth excluded)  
POE Switch  
GPS module  
2 x Cameras with general purpose camera mountings.  
LAN and Power Cables  
12v Power supply – Cigarette Lighter plug.  
12v Battery backup.

### **Central Control: R65000**

Software only  
Onsite delivery in South Africa  
Requires approved network, environment and hardware  
Requires computer literate operators  
Includes:  
Customised scalable software solution  
ANPR engine  
SQL Database  
Onsite training 4 days  
Travel and Installation.  
Requires the vehicles to have in vehicle software and hardware  
Add R2500 per patrol vehicle for interface

Prices exclude VAT

Prices exclude installation and travel unless specified

Prices are negotiable for volume purchases