

## RE - CON ANPR System

- Excellent Reliability due to Character Recognition
- Capture Details up to 130MPH
- International Plate Formats
- Ability to perform under all lighting conditions
- Reliable Adaptive Motion Detection
- Real time search against multiple databases
- Capture of Single Images or Video streams
- Interface for Auto operation or barriers, VMS, emails
- Wide Tolerance for angle & skew of licence plate
- Masking areas to avoid false capture of characters



**Overview :-** RE-CON ANPR is the complete solution for applications requiring licence plate recognition. The Data Collected by RE-CON ANPR is supported directly by RE-CAP data Manager allowing captured information to be presented in full for incident review.

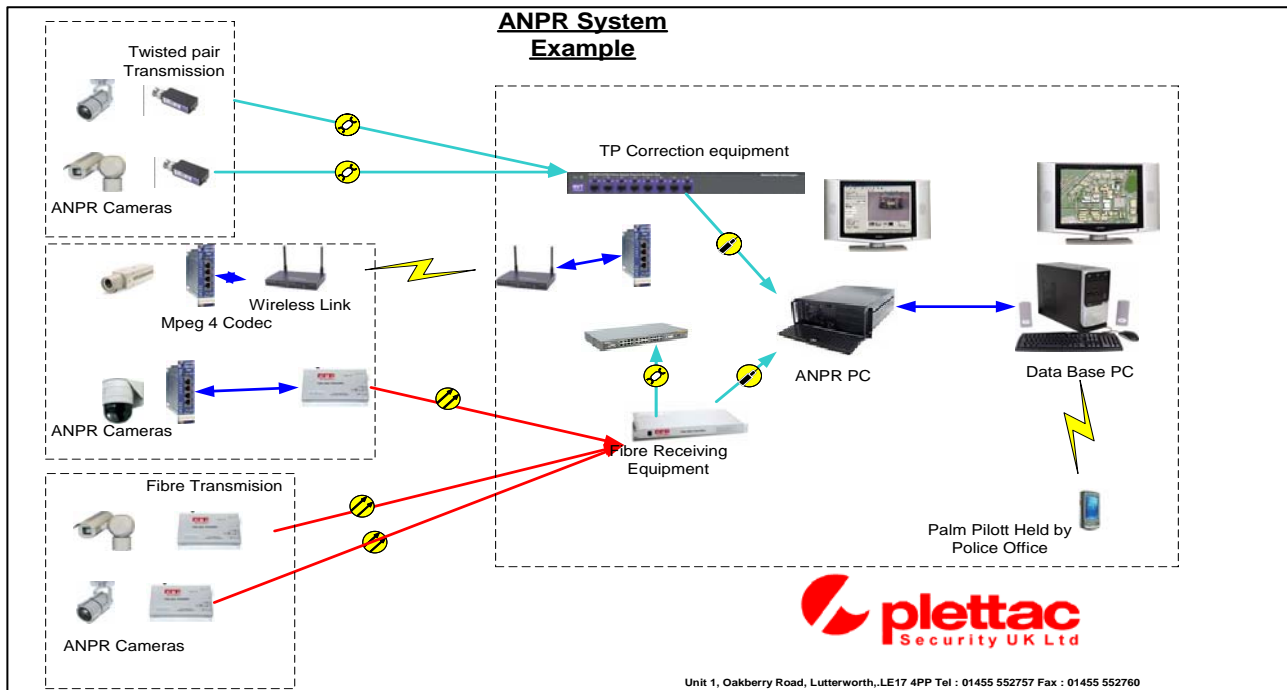
**Details :-** Using the Phoenix engine RE-CON ANPR delivers efficient & reliable licence plate recognition ability to both local & remote sites. AS licence plates are scanned, the data can be produced in the following formats :- data files, image files or Video files.

The data can be transferred in real time or by batch transfers for automatic import into RE-CAP Data Manager. The information can then be viewed and the relevant action taken by operator, local authority or police etc.

RE-CAP ANPR delivers a cost effective solution from end to end. On site configuration is completed using a step by step calibration programme, this automates most of the functions. This reduces engineer & down time by enabling the correct set up of capture sites ensuring the reliability of captured data.



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**Masking :-** One of the most common problems with ANPR system is the ability to read characters within the cameras field of vision, therefore being to read a stop sign etc, the plettac system provides a simple masking tool for configuration of those areas to be disregarded during recognition phase of the operation. By using the two functions in the software, only read this part of the image, and disregard everything but this section, makes the most complex of scene and easy task for the plettac ANPR system. The masking areas are separate polygon areas so areas can be easily defined.



**VMD:- Video Motion Detection, RE-CON ANPR** has two distinct modes operation, unattended & attended. In unattended mode the system doesn't display captured images therefore lowering the processor requirements, this type of application would be at a roadside or other type of unmanned system. In attended mode the captured images are displayed & audible indications are made to attract the operators attention to captured licence plates. Supervisors can switch the system between both modes in real time.



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**Accuracy :-** To increase accuracy of licence plate recognition the system can be interfaced with external sensor, radar beams, IR beams or loops in the road, this aids the system to capture licence plates accurately, or trigger IR lamps during darkness hours aiding the capturing of data or presets on a PTZ camera and making the cameras a dual use unit. Vehicles have been caught with the system in excess of 130MPH, due to plettac's unique position of being a high quality camera supplier as well this means any situation can be accommodated.

**Remote Operation :-** Should direct communications fail between roadside unit and control room, then there is options available of Bluetooth & Wi-Fi connection, allowing an engineer to integrate a system without the need to leave his vehicle. Data Can also be transferred to a laptop PC in the same way, thus reducing downtime and the need to carry spare HDD units.

**Data :-** All collected Data can be sent automatically to a main frame system or seamlessly imported into **RE-CAP** Data Manager. The data in a SQL type database, allowing **RE-CAP** to present the data to the operator in a clear & simple format.

### Applications of RE-CON ANPR

- Bus Lane Enforcement
- Red Light Enforcement
- Access Control
- Speed Cameras
- Toll Booths
- Petrol Stations
- Traffic Surveys
- Border Control
- Road Tax Avoidance
- Airport Security
- Container Identification
- Guest Notification
- Stolen car Alerts



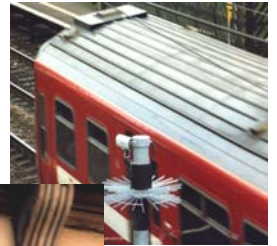
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### Features of the Phoenix Engine

- Multiple Hardware Support for Capture Cards
- Audio Overlay possible
- Dynamic Frame Storage , configurable for pre & Post event Recording
- Fuzzy Logic data Creation & search functions aid data accuracy
- Text overlay for date, time & location, customer configurable
- Masking with polygon exclusion areas prevent false readings
- Disk Space Monitor
- Remote Viewing over, PSTN, ISDN, TCP/IP, Bluetooth etc.
- Image Formats can be RAW, TIFF, PNG, JPG/JPG2000 plus others
- Video Storage in RAW, Video 1, Indeo, Mpeg1, Mpeg2, Mpeg4, Mjpeg2000
- Multiple Language Support
- Archive & Backup to most forms of media
- Choose from DES, AES(Rijndael), Skipjack & Blowfish encryption
- Video & Data Transmission over PSTN, ISDN, TCP/IP, GSM, GPRS

### New For 2007

- White List (Vehicles with Pre-arranged Access)
- Black List (Prohibited Vehicles)
- Automated Access Control via control outputs
- Colour Recognition of front & Rear Number Plates
- Ability to link over 3G Network
- Bespoke Designed systems for retail applications



### Other Products & Services

- CCTV Cameras
- Digital Recording Systems
- Biometric Access Control
- Access Control
- Pre-build & FAT Testing
- System Design
- IR Illumination
- Rapid Deployment Systems
- System Integration
- Fibre Optic Transmission Systems



For further information or assistance with any of the above products & services then please contact us **0844 800 1725** or [sales@plettac.co.uk](mailto:sales@plettac.co.uk), web site [www.pleltac-security.co.uk](http://www.pleltac-security.co.uk).