



# REDFLEXplatescan<sup>®</sup>

## Automated License Plate Reader

**REDFLEXplatescan** uses the world's leading technology to provide license plate recognition to law enforcement. Its advanced digital technology has been used to locate and recover stolen vehicles, assist in surveillance for narcotics teams, find abducted children, protect access to mission-critical facilities, help detect serious serial-criminal activity and help protect our international borders.

REDFLEXplatescan uses intelligent neural network technology to enhance its optical character recognition (OCR) system, providing greater accuracy during the capture of license plate images as vehicles pass a REDFLEXplatescan camera – whether mobile or fixed. In real time, each license plate is automatically cross-checked against the local, regional and national databases the police use. As soon as a match occurs, the closest officer can be alerted, allowing him or her to take fast, appropriate action.

The complete process – targeting, scanning, recognition, and comparison – takes about one second. REDFLEXplatescan is the most advanced Automated License Plate Recognition (ALPR) technology available today.

Redflex Traffic Systems, Inc. is the industry leader in vehicle monitoring and enforcement services for government, police, and traffic departments across the United States. Our photo enforcement systems feature multiple integrated and synchronized high-resolution digital cameras to provide maximum flexibility for your unique needs.



# REDFLEX platescan®

Automated License Plate Reader



- Can be used in both mobile and fixed settings
- Uses an advanced neural network technology, which significantly enhances the accuracy of the read compared to traditional OCR systems
- Is capable of accurate high-speed plate recognition across multiple lanes of high-density traffic moving at speeds of more than 110 mph
- Can read up to four vehicles per second
- When a positive match is received, police are alerted by an audio and/or visual alarm. Otherwise, the system operates in the background, allowing regular performance of police activities without distraction
- Reads licenses from any combination of color and infrared cameras. Thus, it can read new printed plates, older plates that have lost their reflectivity, as well as plates which have been sprayed with reflective coatings designed to defeat enforcement cameras
- Offers law enforcement the ability to run databases covertly from the patrol car

- Infrared cameras allow for 24-hour use, even in environments where there is no ambient lighting at all. These infrared cameras also contain a second internally embedded camera that provides a full-color overview image of the vehicle whose plate has been read, including its color, make, model and direction of travel. Each image is GPS/time-stamped
- The software interface contains a powerful array of search tools for data analysis including use in cases where limited license plate characters are known or determining matching patterns of vehicle movements around crime scenes



## Data Storage, Security, Effectiveness

All systems are username and password protected, and equipment features tamper-proof locks. Incident data is digitally signed, and information and remote connectivity are encrypted.

Clear digital images and motion video show the status of the traffic signal and the location of the violating vehicle inside the intersection before and after the incident. The SMARTops™ back-office data processing center provides turnkey solutions for data, violation, court evidence and violation notice processing.

Wireless or hardwired Internet capabilities are provided.

### Redflex Traffic Systems, Inc.

23751 N. 23rd Ave., Suite 150  
Phoenix, AZ 85085-1854  
Toll Free: 866.703.8097  
salesteam@redflex.com

### Australia

#### Redflex Traffic Systems PTY Ltd.

31 Market Street  
South Melbourne  
Victoria  
Australia  
3205  
Telephone: 011.613.9674.1800  
sales@redflex.com.au

### United Kingdom

#### Redflex Traffic Systems Ltd.

P.O. Box 362  
Southampton, Hampshire  
SO30 3UU, United Kingdom  
Telephone: +44 2380 462 165  
sales@redflex.com.au

[www.REDFLEX.com](http://www.REDFLEX.com)