



REDFLEXradarcam™

Product Overview

REDFLEXradarcam™ is a series of state of the art, mobile digital camera systems.

The series includes Tripod mounted systems, In-car systems and also Modular systems, which can be used either in-car or transferred to a tripod. The flexibility in deployment means the REDFLEXradarcam™ is ideal for a wide range of enforcement locations and situations.

Redflex uses high-resolution digital cameras with independent flash units, a large touchscreen interface for real-time feedback, atomic-clock synchronization, a slant radar system for across-the-road mobile speed enforcement and optionally a Global Positioning System receiver (GPS) for location tracking.

In-car mounting kits are tailored to suit a wide variety of vehicle types. These include bumper mounts for the radar, front facing and/or rear facing camera brackets, in-car power systems and a range of Camera Control Unit (CCU) mountings to allow the user to operate from a range of seating positions (front passenger seat, driver's seat, back seat or in the rear of a van).

Redflex Traffic Systems Pty. Ltd. is the industry leader in vehicle monitoring and enforcement services for government, police, and traffic departments globally.

Redflex maintains its market leader position by providing customers with vast industry experience and dedication to ensure the success of their enforcement program.

REDFLEXradarcam™ Benefits

- Latest generation radar for high detection rates
- Integrated user interface to guide the operator through the set-up and operation steps
- Technology based checks to avoid setup errors
- Quality digital images for high prosecution rates

System Operation

REDFLEXradarcam™ reliably captures images, in all traffic conditions, where multiple speed offences occur in close proximity to each other. The images and corresponding data are captured directly in digital form. For security, the offence evidence is automatically encrypted in a digital envelope at the point of capture. All the secured offence evidence is stored in the REDFLEXradarcam™ CCU and can be transferred to a Processing Centre at any time via various methods (Ethernet supplied). Each offence image, with associated data (i.e. time, place, date), is also shown on the touchscreen display as it is captured.

Radar

The radar has been designed to suit both the mobile and on-vehicle environment. The radar mounting has been integrated with the camera

to give maximum license plate readability within the images while maintaining consistent vehicle positioning.

GPS Integration

A GPS unit can be fitted to the REDFLEXradarcam™ system which pinpoints the location chosen by the operator. Accurate enforcement positioning by GPS minimizes operator errors by ensuring that speed thresholds are set correctly for that location. The system time can be updated/confirmed via the GPS unit.

Modular

Our latest offering in the Modular system allows users to operate the system via two methods – vehicle or tripod mounted. The key components of the system (radar, radar control unit, camera and touchscreen) are interchangeable thus offering our customers significant benefits such as the ability to operate in environments that require flexibility and also significant cost savings. This system is designed for jurisdictions who wish to have the ability for one system to be easily interchangeable across two enforcement modes resulting in lower costs.

Specific Redflex services are:

Full Vertical Integration Solutions: Redflex provides customers with the flexibility to create an automated enforcement solution that meets their unique needs and requirements.

Full Vertical Integration Solutions include:

- In-house manufacturing
- In-house technicians and maintenance teams
- In-house research & development department
- In-house customer service department

Complete Program

Redflex can provide all of the required infrastructure, support, hardware, software and services to ensure successful operation throughout the lifetime of the traffic enforcement program.

Product Overview

- Back Office Enforcement Processing Software
- Fixed Speed Cameras
- Red Light/Speed Cameras
- Bus Lane Camera Systems
- Toll Camera Enforcement Solutions
- Mobile Speed Cameras
- Point-to-Point Average Speed Solutions
- Weigh-in-Motion Solutions
- Rail Crossing Enforcement Solutions

Typical REDFLEXradarcam™ mobile installation

