



REDFLEXradarcam[®]

Product Overview

REDFLEXradarcam is our state of the art, mobile digital camera system. Redflex uses high-resolution digital cameras with independent strobe units, a large touch-screen interface for real-time feedback, a Global Positioning System receiver (GPS) for location tracking, atomic-clock syncing, and a slant radar system for across-the-road Mobile Speed Enforcement.

The REDFLEXradarcam system can be operated in environments where mobile speed reduction solutions need to be used. This may be in black spot areas, speed complaints or school zones. Redflex's mobile units are purpose built to be operated from vehicles, and are flexible in configuration so that they can be externally tripod mounted.

REDFLEXradarcam units are primarily operated from within vehicles. In-vehicle mounting kits are tailored to suit a variety of vehicle types. These include bumper mounts for the radar, front facing or rear facing camera brackets, in-vehicle 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 has maintained its market leader position by providing customers worldwide with a significant degree of competency, knowledge and subject matter expertise to ensure enforcement program success.

REDFLEXradarcam Benefits

REDFLEXradarcam provides the following benefits:

- Latest generation slotted wave-waveguide 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 prosecutability 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 media types (Ethernet supplied).

Each valid offence image is shown on the touch screen display as it is captured with the associated data i.e. time, place, and speed.

Radar

The radar has been designed to suit the mobile and on-vehicle environment. The radar mount has been integrated with the camera to give maximum plate readability within the images while maintaining consistent vehicle positioning.

GPS Integration

A GPS unit can be fitted to the REDFLEXradarcam system which interacts with the location chosen by the operator. If the site chosen does not match the actual location (via GPS) by a configurable tolerance (usually 10m) a message will be displayed to the operator. This can either be set to allow the operator to continue (by clicking a confirmation) or to not allow the operator to proceed until the location choice is rectified. The system time can also be updated/confirmed via the GPS unit.

Specific Redflex services are:

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

Full Vertical Integration Solutions includes:

- In-house manufacturing of each camera unit
- In-house technicians and maintenance teams
- In-house research & development department
- In-house customer service department

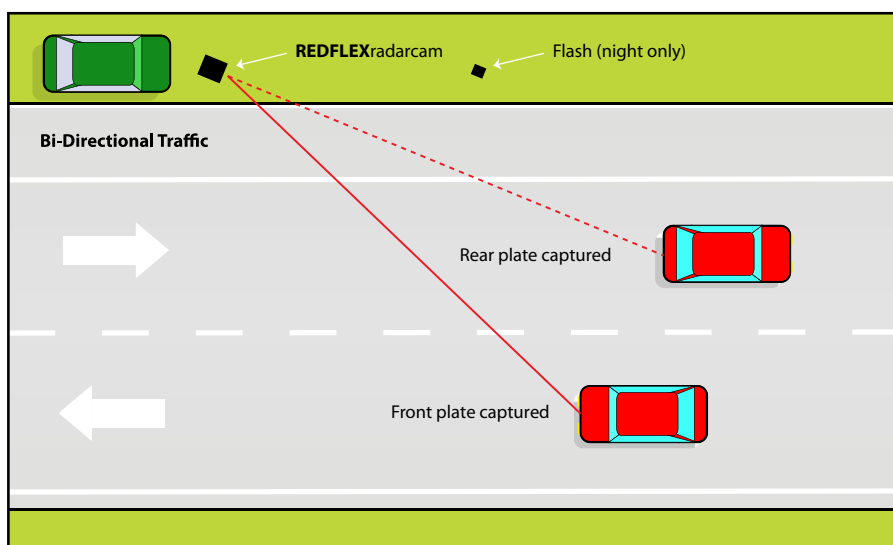
Complete Program

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

Product Overview

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

Typical REDFLEXradarcam mobile installation



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