



REDFLEX radar-fixed[®]

Product Overview

The REDFLEX radar-fixed system provides a world leading technology in enforcement utilising non-inductive detectors. It provides for the enforcement of red light and speed offences at intersections.

The detection system utilising radar detection is capable of speed determination and is able to discriminate between approaching and receding traffic. The radar measures the speed of all passing targets and performs a precise measurement by way of Fast Fourier Transform processing which is then used to capture images of offending vehicles.

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.

Vandal Resistant/ Wide Environmental Tolerance

Redflex's Photo Enforcement (fixed radar speed) system is a closed-system enclosure that does not ingest outside air. This makes the system resistant to fire bombing and chemical attack and enables its use in harsh environmental conditions (i.e. salt environments, pollution, smog etc.).

REDFLEXradar-fixed is installed and operating in a wide range of climatic extremes, from summer in the Australian desert to the harsh winter conditions in the USA.

Five-Lane Operation

REDFLEXradar-fixed is able to enforce across a full five lanes of traffic from a standard single camera enclosure and radar speed measurement detection device.

Illumination

Redflex Vehicle Identification Systems work with a wide range of white light or invisible Infrared illumination systems for optimum imaging performance.

Redflex has developed its own proprietary flash system specifically for traffic enforcement and imaging of vehicles.



REDFLEXradar

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

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Typical REDFLEXradar-fixed installation

