

## REDFLEX **laser**cam™ SPECIFICATIONS

### Other options

- Internal DVD drive with WORM disk (Write Once Read Many) capacity to store 40,000 dual images per disk
- Laserdis Infringement display program
- Remote flash system
- Lasercam™ capture program and encryption security
- Portable batteries and battery chargers
- High-quality field computer support stand
- Hasp key
- Ethernet remote download interface.

### Technical specifications

- Daylight capture range: 16 to 328 feet (5 to 100 metres)
- Night time capture range: 50 to 262 feet (15 to 80 metres)
- Speed range 0 - 200 MPH (0 - 320 KPH)
- Speed acquisition: 0.3 second
- Speed accuracy: +/- 1 MPH (+/- 1.62 KPH)
- Power: 12 volt DC
- Operating modes: manual or automatic.
- Laser beam divergence: 3 milliradians
- Patrols up to two lanes in auto mode
- Infringement file secured by MD5 signature and DES encryption
- Operating temperature: 0 to 50 C
- Certified class 1 eye safe laser (US Dep. Health and Human Services).



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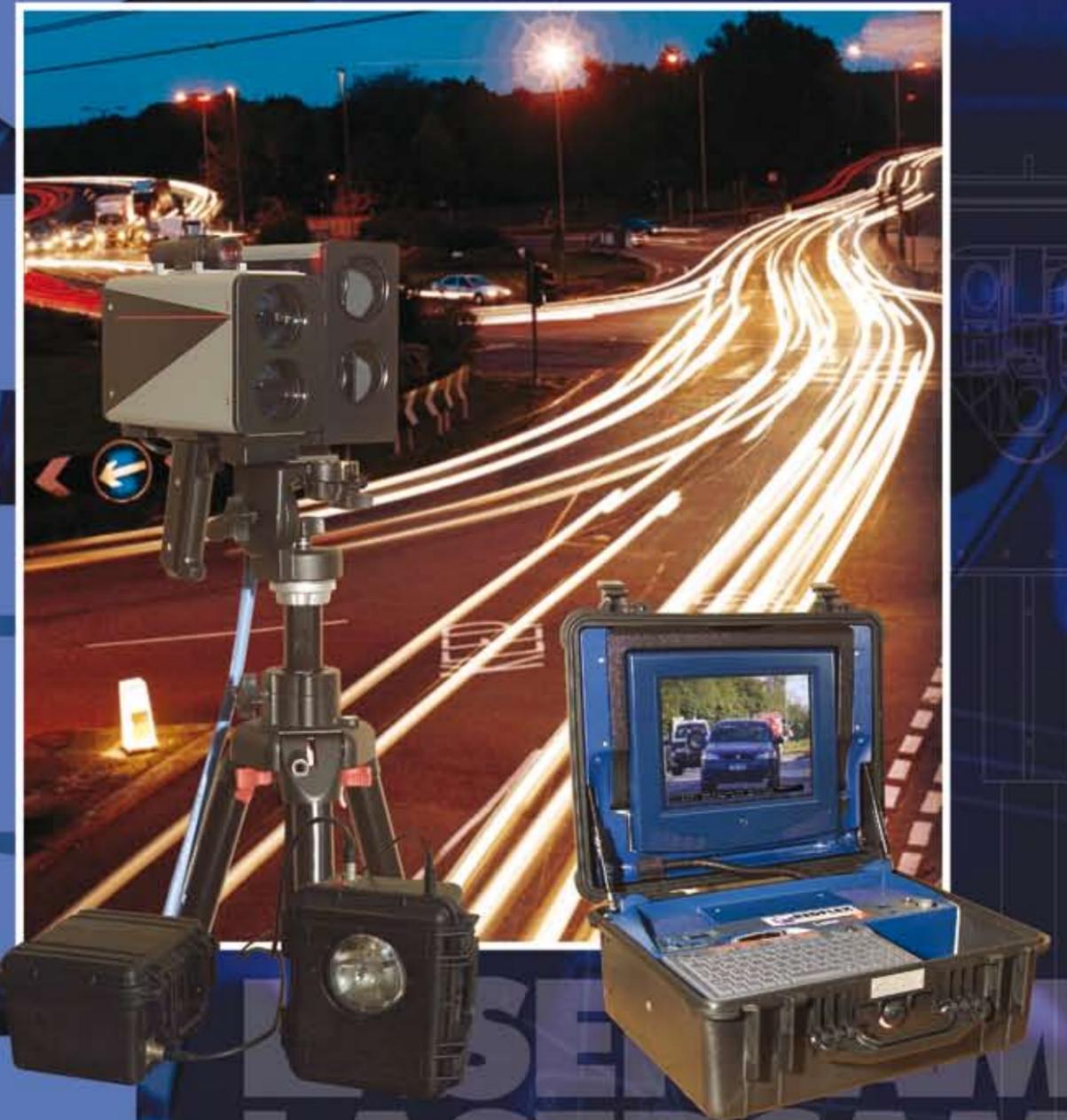
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# REDFLEX **laser**cam™

THE REDFLEX LASERCAM SPEED CAMERA SYSTEM COMBINES THE VERY BEST IN  
DIGITAL IMAGE CAPTURE WITH HIGHLY ACCURATE LASER SPEED DETECTION



REDFLEX  
TRAFFIC SYSTEMS

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# RED FLEX Lasercam™

THE REDFLEX LASERCAM™ SPEED CAMERA SYSTEM COMBINES THE VERY BEST IN DIGITAL IMAGE CAPTURE WITH HIGHLY ACCURATE LASER SPEED DETECTION

## Lasercam™ Digital Speed Camera

Redflex's Lasercam™ Speed Camera System combines the very best in digital image capture with highly accurate laser speed detection. The unique, patented technology of the Lasercam™ digital camera is its dual-lens image capture system.

## Technical Specifications

Lasercam™ combines the captured digital image with highly accurate laser speed detection.

Lasercam™ captures two images of an infringing vehicle concurrently;

- a wide angle lens captures an environmental image of the vehicle in its immediate surrounds and
- a telephoto lens captures a close-up image of the vehicle and its registration plate.

This ensures effective identification of a targeted vehicle at all times.

The system can be used in portable mode, with operator set-up taking only 2-3 minutes.

Lasercam™ can also be quickly mounted inside a vehicle for covert use if required.

Lasercam™ can be manually used to target vehicles, or the system can be set up in automatic mode.

The Lasercam™ system will typically include the following items:

- Lasercam™ dual camera system
- Laser speed measuring device
- Portable field computer
- 12 volt battery power
- High Quality, heavy-duty tripod and pan/tilt head.

## Major Benefits

Lasercam™ offers a supplementary method of traffic monitoring compared to the traditional policing procedure of interception and issue of a traffic infringement notice.

The Lasercam™ digital image capture system eliminates the use of film and video and all associated operating costs. Image retrieval time is measured in seconds. Digital images can be remotely transferred and stored at one central site. Storage/archiving costs are extremely low. When interfaced with a comprehensive

digital infringement processing package, such as Redflex's SMARTops system, all operations can be performed at one screen. This significantly reduces processing time. Searches can be performed on infringements by any number of different criteria. Evidential integrity is one of the most attractive features of Lasercam™.

Lasercam™ has a provable secure evidentiary path. Lasercam™ images are encoded with a digital signature, produced by software algorithms attached to the infringement record, at the time of storage. If infringement data is electronically downloaded or copied from a DVD disk to another storage media, it is still accompanied by the original signature. Any electronic tampering with the original or copied digital record will be detected.

