

Moving traffic offence survey camera



The decriminalisation of moving traffic offences will put added responsibilities onto local authorities and Safety Camera Partnerships. Their ability to enforce infringements in a cost effective manner will significantly affect road safety as well as having financial implications.



There are many areas of the road network where there is anecdotal evidence of a high level of traffic offences taking place, but often there is no long term comparative survey data available to justify the deployment of a traffic enforcement camera.

Smart CCTV has developed a range of video based traffic survey solutions which are capable of collection medium length datasets (from 24 hours to seven days) and to process the data through video analytic tools to automatic enumeration of the results.

The specific applications covered are red light jumping, banned turns and yellow box infringements.

Our software processes the video stream and extracts the vehicles from the background and from other objects like pedestrians which are also moving in the foreground. It then tracks the position of the vehicles in the camera's

field of view on a frame to frame basis, providing a detailed track of where the vehicle went.

The software then provides a list of alerts along with a video clip if it believes that:

A vehicle has stopped in within a designated area (illegal parking and yellow box offences).

A vehicle has started within one designated area and proceeded to another designated area (banned turns).

If the software identifies that a traffic light is showing red and that a vehicle has passed through a line in the image moving in a proscribed direction it will alert.



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