

Road Safety Solutions

Mobile Speed

Safety Solution



Information Engineering Group
Unique, Tracking Radar



Road Safety Solutions

MSSS

As with fixed monitoring systems, mobile speed enforcement systems make a positive contribution to road safety. The Sensys Mobile Speed Safety System (MSSS) is very compact and versatile.

Setting up the system takes just a couple of minutes!

The MSSS is based on Sensys' multi-tracking radar. This widebeam radar unit, capable of tracking multiple vehicles simultaneously, uses a lobe that oversees several lanes up to 150 meters deep. Vehicles moving within that cone are tracked and their movements analysed. Speed is determined through Doppler and checked by distance over time. At the defined report line a picture is taken should there be a speed violation.

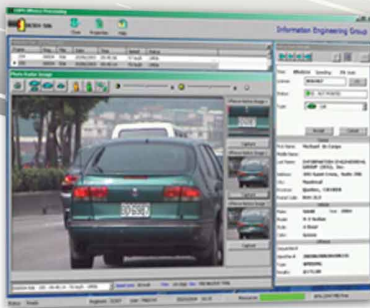
The system is pre-configured. If required, a customised configuration may be made on site via a handheld computer (PDA). Further to a speed-check session by the roadside, the data may be transferred to a memory stick or laptop for further processing by a back office system (COPS2000).

The Sensys MSSS is a true point-and-shoot device and can function unattended. Its operational time span is only limited by battery capacity.



Features Summary

- High-resolution digital images
- Continuous speed verification by applying two independent methods
- Number plate and/or driver identification
- Provides information about time, date, location, vehicle speed and speed limit
- Supports front or rear photography, or both simultaneously
- Non-intrusive technology, no devices buried in the road surface
- Uses Sensys' unique multi-tracking radar
- Tracks and measures each vehicle more than 20 times per second
- Triggers at an adjustable speed limit and report line



The MSSS operates from the side of the road, tracking traffic for speed and distance.

Tracking starts at 150 meters and vehicles exceeding the speed limit trigger the system at a set report line. A picture is taken of the violating vehicle and stored with time, date, speed and location embedded in the file.

Report line

Radar, camera and flash

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