

Stopped Vehicle Detection using Scan-360

The Scan-360 radar has been selected for a long-term motorway trial to demonstrate its stopped vehicle detection capabilities. The trial site is close to a major motorway junction in the UK to demonstrate the effectiveness of the Scan-360 during realistic heavy traffic conditions.



As a result of the significant investment in signal processing development for the Scan-360, the techniques devised to detect human intruders are also particularly effective at detecting stopped vehicles and obstructions, even on very busy roadways. The Scan-360 radar monitors the lanes on all carriageways, covering a total of 400m of roadway, quickly detecting stopped vehicles and obstructions that could lead to serious road accidents or fatalities.



Video surveillance is co-located with the Scan-360. This allows us to demonstrate the effectiveness of the radar performance against live and recorded footage of the roadway.

The Scan-360 automatically slews and zooms a PTZ camera to record any detected incidents.

Detection co-ordinates are also sent over an IP network to allow third-party systems to be integrated easily.

The Scan-360 can ultimately be used as part of an integrated “smart highway” system, where the radar quickly detects incidents so a suitable response can be put in place, such as automatic speed reductions and lane closures using electronic signage.

This prevents minor incidents from becoming major incidents by diverting traffic around any stopped vehicles or obstructions.



Scan-360 operates during day and night, in all weathers, even zero-visibility fog or pitch-black conditions to prevent accidents and increase safety to all road users.

Our radar technology is effective, low-cost and simple to configure, requiring only modest infrastructure and is straightforward to install. Scan-360 uses the proven microwave technology developed over more than 20 years by Ogier Electronics. The operating software can be updated easily to suit changing requirements for the future.



About Ogier Electronics

Ogier Electronics design and manufacture microwave technology for the Security, Transport and Broadband sectors.

Since 1993, our products have been installed throughout the UK, Europe, Middle East, Asia and America. We have a proud history of highly reliable and robust equipment. Our safety-critical systems, such as the in-cab CCTV used on the London Underground prevent injury to millions of people every day.

For further information on the Scan-360 or to arrange a demonstration please contact us on +44(0) 1727 853521 or visit our website www.scan-360.org.uk



The Scan-360 is designed, developed and manufactured in the UK.