

VBOX 3i Dual Antenna



For immediate release

Slip angle measurement has never been so accurate...

UK based electronics company Racelogic have recently made a 'huge breakthrough' in vehicle dynamics testing technology with the launch of a GPS data-logger that enables you to measure slip and pitch/roll angles with low latency at 100Hz.



The new VBOX3i Dual Antenna (VBOX3i SL) uses two antennas placed a fixed distance apart to capture vehicle dynamics (along the vehicle for pitch and across the vehicle for roll). By utilising both the GPS and Russian GLONASS constellations, RMS accuracies of up to 0.04° for slip and 0.028° for pitch can be achieved.

Racelogic's Managing Director, Julian Thomas, said: "The system is so accurate that you can even measure the small effect a side wind has on the slip angle of a moving vehicle – a feat that even the best inertial systems struggle to replicate.

"If you need to measure slip angle, then the VBOX3i SL easily outperforms a single antenna inertial system, for about half the price. It's is our best VBOX to date."

The dual antenna system measures many different parameters with high precision, such as speed, distance, acceleration and position, allowing users to carry out performance measurements, brake testing, aquaplaning testing, coast down testing, lane change manoeuvres, lane drift and ADAS verification.



For more information visit www.velocitybox.co.uk

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For high resolution images please contact marketing@racelogic.co.uk

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About VBOX

VBOX is a powerful testing system used for measuring the speed and position of a moving vehicle. Based on a range of high performance GPS receivers, VBOX data loggers will measure speed, distance, acceleration, braking distance, heading, slip angle, lap times, position, cornering forces and more with high accuracy.

About Racelogic

Racelogic develop and manufacture electronic systems to measure, record, display, analyse and simulate data from moving vehicles. Their flagship VBOX has become an industry standard way of measuring speed, position, distance and acceleration, whilst their Video VBOX GPS video loggers are increasingly popular in motorsport.