

ScanR™

Automated Object Measurement Platform

The DRI ScanR takes accurate and repeatable sensor scans of objects in the field.

- Verification and calibration of surrogate targets and dummies.
- Measurements of real objects to better understand their characteristics.

The ScanR™ uses Differential-GPS (2 cm accuracy), IMU and automatic steering to control and record the position and orientation of the sensor with respect to the object.

ScanR can be fitted with a variety of radar sensors as well as other sensor technologies such as LiDAR, or vision sensors.

Key Features

ISO/SAE/Euro NCAP

Target verification and calibration

Diverse Applications

Can be fitted with a variety of radar sensors as well as other sensor technologies such as LiDAR, or vision sensors

Simultaneous Measurements

Measures cars, trucks and other objects with multiple sensors

2 Types of Measurements

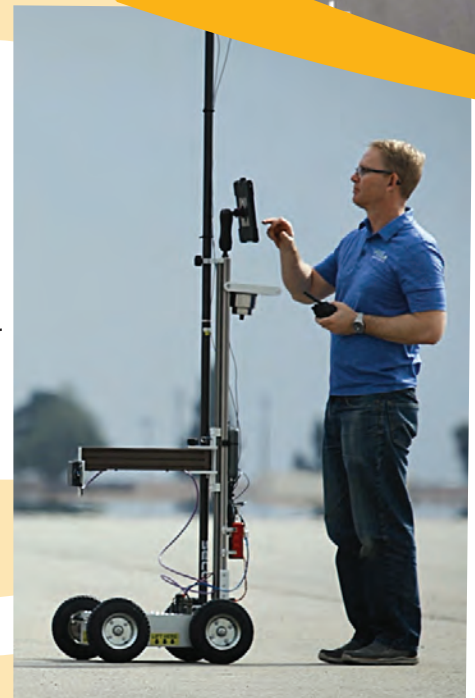
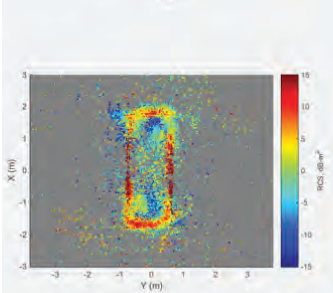
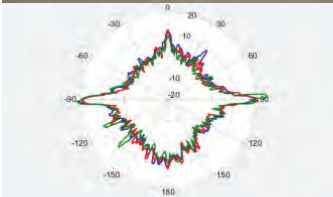
360-degree scans and radial approaches from various viewing angles

Accurate Position Control

Uses DGPS/IMU and automatic steering

Additional Advantages

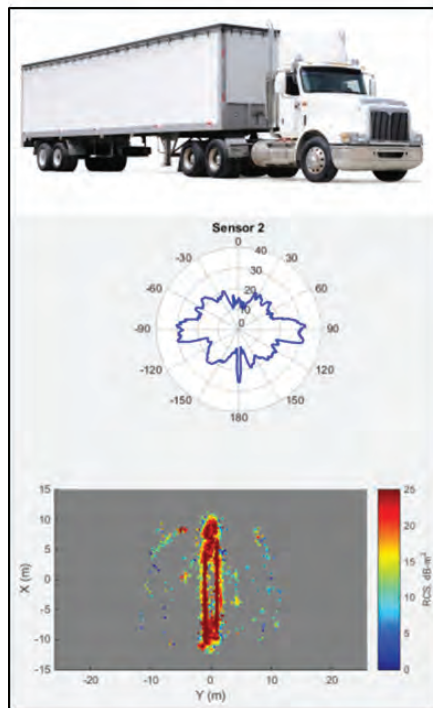
Portable, water resistant, and does NOT require an anechoic chamber or turn table



ScanR™

Standard Specifications

- Adjustable sensor height (0.22 to 0.96 m)
- Automatic steering for path following
- Touchscreen computer with optional external storage
- Software to guide operation
- Data analysis software
- Rechargeable 12 volt battery
- One (1) automotive-grade 77 GHz Radar sensor (optional)
- Configuration for Oxford Technical Solution (OxTS)
- DGPS/IMU RT and xNAV products (IMUs not included)
- Calibration object with shielded stand (10 dB-m² trihedral)
- Adaptable to customer-supplied sensors



Available Upgrades

- Integration with other DGPS/IMU systems
- Additional sensors including LiDAR
- Custom sensor height adjustments
- Additional calibration objects (e.g., spheres, dihedrals)
- Custom software and data analysis



For questions or sales inquiries, please contact:
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