

# Mobile Mapping System

## Road-Scanner C “Compact Edition”



in cooperation with

**FARO**

### FEATURES

- ▶ Compact design, portable, self-calibrating and can be used with any vehicle
- ▶ High accuracy
- ▶ Post-processing software for imagery and point cloud management
- ▶ AutoCAD, ArcGIS, Microstation plug-ins
- ▶ Road Assets and Pavement Management Systems
- ▶ Spherical camera LadyBug 5 (6x30 Mpx)
- ▶ High accuracy Inertial Navigation System (INS)
- ▶ Detachable FARO Focus<sup>3D</sup> laser-scanners which can be used as stand-alone 3D scanners without losing calibration





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## FARO® COLLABORATES WITH SITECO TO INTRODUCE A MOBILE MAPPING SYSTEM ROAD-SCANNER C

FARO now offers its existing and new customers the possibility to have a mobile mapping system from Siteco. Making use of their global sales network, FARO will advocate the Road-Scanner C whereas Siteco will be the main point-of-contact for customers with regards to the sale of the Road-Scanner C, its maintenance and related warranties. The collaboration will enable customers to have access to the trusted technology of Siteco through FARO's credible sales network.

### TECHNICAL SPECIFICATIONS

GNSS-IMU Component		Physical and Environmental specs	
Channels	GPS+GLONASS L1/L2	Size	600x600x900 mm
Gyro Bias stability	0.1°-1°/hr	Weight	Appx. 50 kgs
Gyro Bias Offset	0.1°-1°/hr	Operating Temperature	-5°C to 40°C

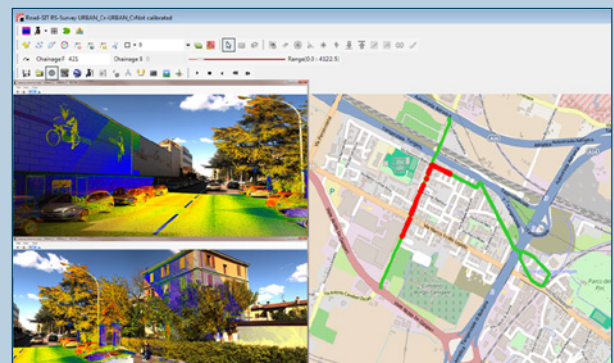
Imagery Components		Accuracies	
Ladybug 5 Spher. camera	6x5 Mpx cameras	Absolute Accuracy	<2 cm with Ground Control Points
Gigaethernet cameras	Up to 7 x 4 Mpx	Relative LIDAR Accuracy	1 to 7 mm

### THE MOST DIVERSE SOLUTION IN MOBILE MAPPING

The FARO Focus<sup>3D</sup> laser-scanners can be detached from the system and used as stand-alone 3D scanners without losing calibration. Such diversity with price-performance value is nowhere else to be found in the market.

### COMPLETE PROJECT PLANNING, EXECUTION AND DATA DELIVERY SOFTWARE PACKAGE

Road-Scanner C is delivered with a powerful ergonomic software suite developed to acquire and edit the project geo-database. The acquisition software allows you to monitor the survey accuracy and the quality of imagery and point cloud.



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