

Mobile Camera System

A new product family of mobile mapping camera systems presented by Gexcel (Italy) allows existing mobile mapping operators to add an independent camera system for the capture of visual scenery which is then synchronised and photo-draped onto the Lidar point cloud.

The new software can be installed to most existing Lidar mapping systems with or without cameras. Software modules are available for camera calibration, camera and Lidar sensor bore sighting. It also provides a full visual QC workflow to review collected Lidar data in synchronisation with camera imagery, directly draping the points with multiple camera data. Gexcel also offers multiple camera packages starting from the high performance but extremely cost effective GoPro Hero 2, the MDL Dynacam, and all the way up to very specifically tailored custom imaging packages. The resultant data is then fully compatible with Gexcel Srl's JRC 3D Reconstructor family of analysis and cloud server software environments.

See Gexcel Srl at Intergeo 2012 in Hannover, Germany, Hall 9 Stand A.35

<https://www.gim-international.com/content/news/mobile-camera-system>
