

Topcon releases newest vehicle mounted 3D mobile mapping system

2 April 2015 by TOPCON

“The IP-S3 is more compact, lightweight, and scans at a rate of up to five times faster than previous models,” said Charles Rihner, vice president of the Topcon GeoPositioning Group. “Weighing in at 39 lbs. (18 kg), it’s light enough that a single person could mount it on a car, truck or SUV without any assistance from anyone else.”

Scanning at 700,000 points-per-second, the rotating LiDAR sensor captures the 360-degree environment with 32 internal lasers. The IP-S3’s six-lens digital camera is designed to provide data-rich results with its 30 MP panoramic imagery.

The system pairs with Topcon Mobile Master Field and Office software suite to perform all post-processing functions in a single application.

“The software suite offers a complete all-in-one processing workflow, turning raw sensor data collected by the IP-S3 system into rich and precise point clouds and images,” said Rihner.

The IP-S3 will be on display at the SPAR conference from March 30 – April 2 in Houston, Texas.

Source: Tierra S.p.A.