

# Topcon Announces Next Generation 3D Mobile Mapping System

Topcon Positioning Group announces the latest edition to its line of 3D mobile mapping systems - the IP-S3. The fully integrated high-density digital imaging system is more compact, lightweight, and designed to scan at a rate up to five times faster than previous models.

Scanning at 700,000 points-per-second, the system is designed to offer data-rich results with its 30 MP panoramic imagery. Weighing 18kg (39lb.), the IP-S3 is engineered to offer simplified installation.

"The IP-S3 is a mobile mapping powerhouse," said Ian Stilgoe, director of geomatics for Topcon, "It bundles years of mobile mapping experience to glean a high-density and high-resolution camera in a unit that is much smaller than its predecessors. It is so lightweight that a single person could mount it on a vehicle without assistance from anyone else."

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

"Mobile Master Office software offers a complete workflow in a single package, turning raw sensor data collected by the IP-S3 system into rich and precise point clouds and images," said Stilgoe.

The system is planned for release in late 2014.

---

<https://www.gim-international.com/content/news/topcon-announces-next-generation-3d-mobile-mapping-system>

---