

IP-S2 Compact+ 3D Mobile Mapping System



Topcon Europe Positioning, The Netherlands, introduces the IP-S2 Compact+, a mobile mapping system to measure objects even in adverse weather conditions and enclosed job sites such as tunnels and mines. The Compact+ system is available in two configurations: a three-scanner standard model or a five-scanner system.

The three-scanner gives a 360° vertical field of view. The five-scanner system increases cloud density, minimises scanning shades, and collects 150,000 points per second with a range of 40-50m. The IP-S2 Compact+ can be purchased with a high-accuracy commercial grade or a tactical grade IMU. The commercial grade IMU is a non-ITAR restricted device without export control.

Topcon's IP-S2, launched in 2009, introduced a vehicle-mounted mobile mapping system incorporating high-precision GNSS receivers, IMU (inertial measurement unit), vehicle wheel encoders, 360-degree camera and laser scanners. This vehicle-mounted system has improved scanner orientation to optimise visibility of roadside assets and is packaged in an affordable, compact system that fits on a car or truck.

<https://www.gim-international.com/content/news/ip-s2-compact-3d-mobile-mapping-system>
