

Additions to Smart GPS Antenna Family

Trimble announced a new series of Modular GPS Receivers and additions to the Trimble family of Smart GPS Antenna designed to provide contractors with state-of-the-art, future-ready construction GPS positioning solutions.

The new product offering provides four levels of GPS operation - Location GPS, Basic, Max and Extreme - to cover a range of user price and performance requirements. The Extreme level receivers (Trimble SPS850 and SPS880 receivers) can track next-generation GPS L2C and L5 signals plus GLONASS. The combination improves the contractor's ability to work in tough GPS environments at longer ranges with faster initialization times, and provides for increased productivity and reduced downtime on the construction job site.

The addition of the new Modular GPS Receiver family gives contractors the flexibility to choose equipment to meet their price, performance and equipment configuration needs. Trimble Smart GPS Antennas offer a highly portable, fast, compact setup solution; Trimble Modular GPS receivers provide optimized components and configuration flexibility for a wide range of installations and applications.

A new version of the Trimble SCS900 Site Controller Software is being released at the same time to support the new receivers and the recent developments in GPS positioning technology.

The Trimble SPS550 and SPS550H Modular Receivers are new Location GPS receivers, designed for both land and marine construction positioning applications, provide decimeter accuracy. The Trimble SPS550H GPS Receiver is an add-on heading receiver for use in marine applications requiring both position and heading of the vessel, such as dredging, bridge deck placement or pipe laying.

The Trimble SPS750 and SPS850 Modular GPS Receivers are ideal for mobile, semi-permanent and permanent base station setups on construction sites as well as for vehicle, vessel or pole-mounted rover applications. By integrating the radio and GPS receiver in a single housing, the valuable components of a contractor's GPS fleet can be protected from the elements and theft by securing them inside a site trailer, vehicle or carrying case, while only the antennas are left outside. Antennas can be mounted high and away from obstructions to allow a clearer, less noisy GPS signal, as well as maximizing radio coverage.

<https://www.hydro-international.com/content/news/additions-to-smart-gps-antenna-family>
