Trimble Pro Series GNSS Receivers

Trimble, USA, has introduced the next generation of its Trimble GPS Pathfinder family: the Trimble Pro 6H and Pro 6T receivers for GIS and mobile mapping. The Trimble Pro series with advanced features allows mobile workers to configure a solution for a wide range of applications, delivering unparalleled flexibility in professional GIS data collection. The series offers a new streamlined form-factor and dramatic productivity improvements in difficult GNSS environments with Trimble Floodlight technology.

The modular Trimble Pro series receiver gives users the flexibility to choose their setup configurations. It is optimised for use with Trimble data collection devices such as the Trimble Juno or Nomad G series handhelds, or Yuma tablet computer, the Trimble Pro series can also be used with other tablets and handhelds with NMEA output. The receiver can be deployed in a backpack, on a pole or mounted on a vehicle. Two models are available: the Trimble Pro 6H delivers decimetre accuracy, while the Pro 6T is the submetre model for standard GIS applications

For maximum productivity in high-accuracy applications, Trimble Floodlight technology allows users to collect decimetre accuracy data in the toughest GNSS environments. Buildings and trees can cause satellite shadow and limit the environments where high-accuracy GNSS data collection can be performed. Floodlight technology has been developed to increase the availability of positions and boost accuracy in areas affected by satellite shadow. Users can work with fewer disruptions and ensure better data, faster data collection and higher field efficiency.

Trimble Pro series receivers are rugged and built to withstand the rigors of long hours in tough outdoor conditions, yet optimised for high-accuracy GIS data collection workflows. For applications such as utilities inspections and timber stand valuations, Trimble Pro receivers provide long battery life and tough construction for dependable service over the course of rigorous data collection projects.

The IP65 construction promises a reliable operation, even after prolonged exposure to water and dust. An integrated antenna reduces the complexity of the system for fast setup and swift data collection campaigns. Field workers can be up and running with minimal training, saving time and money. Combined with a Trimble handheld solution and Trimble TerraSync software, the complete system provides dedicated field workflows to simplify data collection and improve integration with the GIS for total workflow improvements.

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