

ProMark 800 GNSS Receiver and Survey Pro 5.0



Spectra Precision has introduced additions to its growing portfolio of solutions focused on mainstream surveying and construction needs. The expanded product portfolio will be showcased at Intergeo 2011. The new Spectra Precision ProMark 800 receiver, using advanced Z-BLADE multi-constellation GNSS processing technology, tracks a wide range of available satellite signals including GPS, GLONASS and Galileo as well as WAAS, EGNOS and MSAS satellite-based augmentation systems. This universal GNSS receiver can be operated as a base, rover or network rover for Real-Time Kinematic (RTK) or static field applications.

The ProMark 800 is an all-in-one system that enables NTRIP, direct IP or point-to-point real-time communications via a built-in GSM/GPRS/3.5G modem, and a wide selection of UHF modules. Auto dial provides easy connection to RTK networks and automatic reconnect to the last mount point. An RTC bridge function enables a network-connected ProMark 800 rover to rebroadcast RTK corrections to multiple rovers.

Lightweight, waterproof, shock-resistant and cable-free, the ProMark 800 offers all-day operation in harsh environmental conditions with its long battery life. The receiver operates with a choice of field software, including the popular Spectra Precision Survey Pro field software to meet the user's measurement and data collection needs.

All Spectra Precision GNSS receivers, including the ProMark Series, are supported by updated Spectra Precision Survey Office version 2.60 as well as a new version of the Spectra Precision Survey Pro 5.0 field software. This software provides surveyors with a complete set of capabilities for a wide variety of survey and construction projects. Survey Pro version 5.0 includes a wide range of features that will be made available as a purchasable upgrade to existing Survey Pro users.

Key new features include: data management control; support for staking activities with DXF files to enable data flow from the design software to field crews; optimised workflow; expanded support for high-precision GIS data collection applications and FXL File Support for feature codes and attributes.

Survey Pro field software is offered in modules. Advanced modules can be easily and remotely installed via electronic upgrades. Survey Pro software is available in multiple languages and on a variety of data collector platforms.