

# New Spectra Software



Spectra Precision has introduced the Spectra Precision Nomad data collector running its new Field Surveyor 2.0 field software for its FOCUS 10 Total Stations and EPOCH 25 GPS Systems. The rugged data collector and new field software solution provide increased functionality for surveying applications including topographic data collection, staking and layout, boundary and cadastre, and comprehensive COGO and roading routines.

The Nomad comes standard with an 806 MHz processor, 128 MB of memory and integrated Bluetooth technology. In addition, it includes an integrated navigation grade Global Positioning System (GPS) receiver and 802.11g (WiFi).

With the Spectra Precision Nomad data collector, surveyors can take advantage of the Nomad's Secure Digital (SDIO) slots and USB host and client to add more devices such as SD memory cards. In addition to its standard built-in features and optional configurations, the Nomad data collector offers top-of-the-line performance with a 5200 mAh rechargeable lithium ion battery, 1 GB of Flash storage and a daylight-visible full-VGA touch screen display. The battery provides surveyors with 15 hours or more of active use without a recharge. The Nomad's full-VGA display is sharp and clear in sunlight, presenting maps and other graphic-intensive files in better detail than a typical QVGA display. It also comes with Windows Mobile 6, the latest version of Microsoft's operating system for mobile devices.

The Nomad series meets the MIL-STD-810F standard for drops, vibration and temperature extremes. It also comes with an IP67 rating, which means it is completely sealed against dust and can survive immersion in up to a meter of water. Weighing just 21 ounces (595 grams), the Nomad is shaped to fit comfortably in a user's hand.

Both the new Nomad and existing Spectra Precision Recon data collectors run the new full-featured Spectra Precision Field Surveyor 2.0 field software. The software provides increased functionality for surveying activities in either a Standard or Advanced option. Standard application features built specifically for a wide range of surveying needs including topographic point, feature and description data collection, staking of points, lines, curves and spirals, Coordinate Geometry in-field calculations such as areas, intersections and inverses. Advanced optional features include Digital Terrain Models, support for Digital Leveling, and a powerful roading package for staking alignments and cross sections.

The Nomad data collector and Field Surveyor 2.0 field software are expected to be available in June through the Spectra Precision global dealer network.

*Caption: The Spectra Precision Nomad data collector*