

Survey Data Collector Solutions

Spectra Precision has introduced additions to its line of outdoor rugged data collectors, the Ranger 3 data collector series and the Nomad 900 series. These solutions are designed to operate with Spectra Precision Survey Pro field software to optimise mainstream surveying operations.

Spectra Precision now offers three Ranger 3 models: the 3L, 3XC and 3RC. These data collectors come standard with an 800MHz processor, 256MB of memory, a full VGA display, integrated Bluetooth, GPS, compass and 802.11 Wi-Fi. Optional features, depending on the model, include a 3G GSM/GPRS/EDGE (WWAN) modem that is ideal for real-time GNSS workflows, a 5 megapixel camera to enhance data capture routines with images and a 2.4GHz robotic radio module to support robotic total station survey workflows.

Powered by Windows Mobile 6.5 Professional operating system and a full ABC alphanumeric keyboard, the Ranger features the same ruggedness common to all Spectra Precision data collectors, which have an IP67 rating and meet MIL-STD-810G standard for drops, vibration and temperature extremes.

Spectra Precision Nomad 900 Series is powered by an ultra-fast 806MHz processor optimised for graphics processing, advanced caching and a proprietary high-speed journaling file system. They offer performance combined with a 5200mAh rechargeable long life lithium ion battery, up to 6GB of Flash memory and a sunlight visible VGA touch screen display. In addition, users can take advantage of the Nomad 900 series CompactFlash (CF) and Secure Digital (SD) slots to add more devices, such as SD/SDHC memory.

Built tough for everyday outdoor demands the Nomad 900 series have an IP67 rating and meet MIL-STD-810F standard for drops, vibration and temperature extremes.

Survey Pro software is offered in different modules so surveyors can begin with one module and easily add features as needed. Advanced modules can be remotely installed via electronic upgrades. In addition, Survey Pro software is available in multiple languages and on a variety of data collector platforms.

Survey Pro is currently in use with more than 40,000 customers worldwide for reliable and easy to use data collection, computation and field staking.