

PRODUCT SHOWCASE

GEOCONNEXION LOOKS AT THE LATEST IN GEOMATICS PRODUCTS

1 HIGH-ACCURACY DATA COLLECTION WITH TRIMBLE'S POCKET-SIZED R1 GNSS RECEIVER

Trimble has introduced the **R1 GNSS receiver**, a pocket-sized, rugged, standalone receiver that works with **iOS**, **Android** or **Windows® mobile handhelds**, smart phones and tablets using **Bluetooth®** connectivity. When paired with a smart device, the receiver adds professional-grade **GNSS** geo-location capabilities to transform consumer devices into high-accuracy mobile data collection systems. With the evolution of smartphones and tablets, more field workers now have access to positioning technologies for geospatial data collection. The **Trimble® R1 GNSS** receiver is an ideal choice to collect data and inspect or manage assets using smart devices without an integrated high-accuracy GNSS receiver. Adding the optional **Trimble ViewPoint™ RTX™** correction service to the R1 receiver enables users to achieve reliable sub-meter accuracy. The **Trimble R1 GNSS** is a multi-constellation receiver that supports GPS, GLONASS, Galileo, BeiDou and QZSS satellite signals. www.trimble.com

2 NEW MILLIMETER GPS LASER TRANSMITTER FROM TOPCON

Topcon Positioning Group has released the next generation laser transmitter for use with its **Millimeter GPS** precise positioning system - the **LZ-T5**. Millimeter GPS is an exclusive Topcon technology that allows traditional GPS measurement and machine control systems to improve its vertical accuracy by up to 400 percent. The LZ-T5 uses zone-beam laser technology to continuously provide high accuracy elevation information to improve GNSS positioning. The new design and operational technology enhances its performance in fluctuating temperatures and adverse weather conditions. Additionally the housing is now more user-friendly with twin ergonomic handles to allow for easier carrying and mounting, and battery-life has been extended to last up to 20-percent longer. The LZ-T5 is the latest upgrade for the **Topcon Lazer Zone®** system that combines advanced laser technology with the accuracy of a robotic total station and GNSS positioning into one job site solution. www.topconpositioning.com

3 HANDHELD ANNOUNCES MAJOR UPGRADE TO ALGIZ 10X RUGGED TABLET

Handheld Group has announced a major upgrade to the **Algiz 10X**. The rugged computer now features the new **Windows 8.1 Pro** operating system (which is downgradeable to Windows 7 for maximum flexibility). Windows 8.1 Pro offers enhanced features to help users easily connect to company networks, access one PC from another, encrypt data and more. The new Algiz 10X also carries the powerful **Intel quad-core N2930 1.83 GHz** processor with 2.16 GHz boost. This processor allows for both higher performance and cooler running temperatures. Compared to the Algiz 10X's previous processor, the N2930 more than doubles performance benchmarking, RAM support, number of cores and performance per watt. The upgraded Algiz 10X also supports LTE, which provides substantially faster data speeds, both up- and downstream, and increased overall network coverage. <http://www.handheldgroup.com/>

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4 SETTOP INTEGRATED BATTERY FOR ADL VANTAGE AND TDL450L RADIO MODEMS.

Settop Survey, S.L has released the unique and innovative **Settop Battery** compatible with **Pacific Crest®'s ADL Vantage Radio** and **Trimble®'s TDL450L**. The newly designed carbon fibre battery combined with the latest Lithium Ion technology, revolutionizes the concept of power supply for these radios, this benefits the user by reducing the cables normally required by powering the GPS and Radio from the same battery built into the radio itself. The carbon fibre design allows considerable reduction of the systems weight without sacrificing any of the rugged reliability and durability of the battery when performing at 4 watts of transmit power. The powerful 11.1V and 10.4 Ah Lithium Ion battery cells provide a performance that surpasses all expectations for a day's work in the field when combined with a GNSS receiver. www.settopsurvey.com