

PRODUCT SHOWCASE

GEOCONNECTION LOOKS AT THE LATEST IN GEOMATICS PRODUCTS

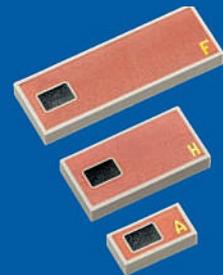
GENEQ INC. ANNOUNCES THE NEW F90 GNSS RECEIVER

Geneq Inc. is pleased to announce the **F90**, a multi-constellation GNSS receiver with very high level of technology integration. The new product will fulfill the current surveyor's demands in terms of performance, flexibility and cost-effectiveness. Indeed, F90 tracks multi-constellations (GPS, GLONASS, Galileo, Beidou...) and can maximize the acquisition and tracking process with all-in-view GNSS satellite frequencies. Providing maximum performance for accuracy and real-time measurements, F90 also supports RTK correction service, including RTX service that can get cm accuracy without a base station. The F90, with its advanced technology, ensures a high performance even in harsh environment such as under heavy canopy. The F90 has an excellent combination of GNSS, 4G, Bluetooth and Wi-Fi antenna. With highly integrated Bluetooth, Wi-Fi and 4G network modules, and without affecting accuracy and efficiency, this innovative GNSS Receiver F90 is made extremely light and small. Mobile field workers will find in this feature an ally to their surveying productivity. www.geneq.com



KYOCERA DESIGNS AND MANUFACTURES NEW ULTRA-SMALL ROBUST CERAMIC UHF RFID TAGS

In case of maintenance, repair and overhaul (MRO) services of aircrafts and spaceships, any object that is not where it is supposed to be provides a high risk to safety. These foreign objects include, among others, metal tools which are forgotten after servicing the aircraft. In order to avoid FOD, **Kyocera's** robust ceramic UHF RFID tags are especially suited to identification and tracking of metal tools. RFID tags will be attached to workshop tools of MRO service providers in order to stay on the tool for its entire lifetime. The attached tag will withstand harsh environments including impacts and dirt (oil, fuel, lubricants, etc.) without negative effects on the reading performance. By using RFID tags, MRO providers are able to decrease the probability of forgetting tools in sensitive areas of an airplane. Apart from tracking metal workshop tools, it is also possible to trace aircraft components with RFID technology. uk.kyocera.com



SOKKIA INTRODUCES T-18 FIELD CONTROLLER WITH ADVANCED PERFORMANCE

Sokkia introduced the new T-18 handheld controller designed to offer a durable ergonomic solution with faster processing, a larger screen, better connectivity and longer battery life than previously available comparable systems. The controller includes a 3.7-inch sunlight-readable display with a 1GHz processor, 1GB of internal storage, internal GPS, and up to 10 hours of battery life. "The T-18 controller is extremely versatile and perfect for driving geo-positioning, construction, mapping and vertical construction applications," said **Ray Kerwin, director of global surveying products**. The field controller features a 3.5G cellular modem that allows users to access the internet for RTK (real-time kinematic) correction services. "Additionally, the internal GPS option provides a navigational functionality that is capable of accuracies in the three-meter range. With a 72 channel, all-in-view tracking receiver, it can be used for navigation or general positioning," said Kerwin. Other key features include standard Bluetooth® and Wi-Fi connectivity, as well as an IP65 rating for dust and water protection. www.sokkia.com



SEPTENTRIO LAUNCHES THE ASTERX-I S

GNSS receiver manufacturer **Septentrio** announces the addition of the **AsteRx-i S** to its GNSS/INS product portfolio. The AsteRx-i S combines Septentrio's compact, multi-frequency multi-constellation GNSS engine with ultralight external industrial grade MEMS based IMU. Calibrated for wide temperature ranges, the AsteRx-i S delivers accurate and reliable GNSS/IMU integrated positioning to the cm-level as well as full attitude at high update rates and low latency. Key benefits for users: GNSS/INS positioning with 3D attitude heading pitch and roll Multi-constellation, multifrequency, all-in-

view RTK receiver AIM+ interference monitoring and mitigation system, High-update rate, low-latency positioning and attitude, Small & ultralight IMU (10 grams), Robust calibration for wide temperature ranges. Designed around demanding requirements for size, weight, power consumption and temperature variation, the AsteRx-i S is ideal for various applications such as inspection with UAV's, UAS photogrammetry, automation, robotics and logistics. "We are delighted to broaden our AsteRx-i GNSS/INS solutions range, bringing maximum flexibility

and choice to our customers," said **Francesca Clemente Product Manager at Septentrio**. www.septentrio.com

