

PRODUCT SHOWCASE

GEOCONNEXION LOOKS AT THE LATEST IN GEOMATICS PRODUCTS

INTRODUCING INREACH® MINI SATELLITE COMMUNICATOR FROM GARMIN®



Garmin International, Inc. has announced the inReach Mini, a smaller and more compact satellite communicator with available two-way messaging and a 24/7 SOS function when combined with an inReach subscription to access the Iridium® satellite network. Measuring just under 4 inches tall by 2 inches wide, and weighing 3.5 ounces, the inReach Mini can easily be carried in a backpack, boat, plane, or glovebox. No more worrying about spotty coverage or being within range of a cell tower – the inReach Mini works anywhere when using the Iridium satellite network. For the ultra-light experience, the inReach Mini encompasses it all, from messaging to tracking to declaring an SOS. It can be used on its own or paired with a compatible device. The Earthmate® app easily pairs with the inReach Mini via Bluetooth to a compatible smartphone for access to unlimited maps, aerial imagery, and U.S. NOAA charts. www.garmin.com

LASER COMPONENTS INGAAS PIN PHOTODIODES - IG22 SERIES

Laser Components is a world leading manufacturer of extended InGaAs detectors. From the research and production facility in Arizona they supply customers all over the world with these industrial grade quantum detectors. The semiconductor material absorbs incident IR photons in the intrinsic region generating electron hole pairs which are collected at external electrodes. Photovoltaic detectors are an excellent choice in many applications due to their high sensitivity, fast response, low noise and wide dynamic range. InGaAs PIN photodiodes have a smaller energy gap than Si photodiodes meaning that they are sensitive at longer wavelengths than Si devices. The energy gap can also be adjusted by varying the composition ratio of In and Ga extending performance further into the infrared. A typical standard product is the IG22 with a peak wavelength of 2.2 microns, making it ideal for applications that cannot be met spectrally with a regular InGaAs photodiode. www.lasercomponents.co.uk



TRIMBLE INTRODUCES NEW SPECTRA PRECISION GREEN BEAM LASER TOOLS FOR INTERIOR CONSTRUCTION

Trimble has announced two new green beam lasers that are part of its industry-leading line of layout tools for commercial construction professionals. Robust, automatic self-leveling lasers with high-visibility green laser beams, the **Spectra Precision® LT52G and LT58G** are designed for use in a wide variety of interior construction applications. Green beam lasers are up to four times more visible to the human eye than their red beam counterparts and are ideally suited for interior conditions with bright ambient lighting, providing a laser that is more visible in more construction environments. "With these new high visibility green beam lasers, customers now have an ideal option for brightness, versatility, toughness and reliability on their job sites," said **Simon Hyatt, general manager of Trimble's Precision Tools business.** "Wall crews, ceiling installers, builders, mechanical installers, plumbers, electricians and anyone needing alignment and elevation reference can use these tools to increase their productivity and accuracy." www.trimble.com



HEMISPHERE GNSS ANNOUNCES FAMILY OF RUGGED HANDHELD DEVICES FOR MOBILE APPLICATIONS

Hemisphere GNSS has announced the availability of the all-new UT series of GNSS-capable rugged handheld devices

to support demanding industries such as construction, survey, GIS, mapping, asset/logistics management, public safety, utilities, military, and other mobile applications. The UT handheld devices are designed to work in the harshest environments imaginable and offer impressive and powerful feature sets. The **UT10 6.0" Rugged Phone** and **UT30 8.0" Rugged Tablet** both feature Android™ 8.0 operating systems with Qualcomm® octa-core 2.2GHz

processors, 4GB of RAM, and 32GB onboard storage. The **UT50 10.1" Full-Rugged Tablet** features Windows® 10 operating system with an Intel® Core™ Skylake i5 processor up-to 2.8GHz, 8GB RAM, and 128GB onboard-storage. All three new UT models provide the latest high-resolution, capacitive touchscreen, and direct sunlight-readable display technology for ease of visibility in all situations. The UT50 also boasts a 10-finger multi-touch screen and supports wet-hands and gloves operation. www.hemispheregnss.com

