PRODUCT SHOWCASE

GEOCONNEXION LOOKS AT THE LATEST IN GEOMATICS PRODUCTS

THE NEW PHASE ONE 4-BAND MULTI-SPECTRAL SOLUTION

1

Phase One Industrial 4-Band solution incorporates an innovative batch-processing tool that automates and simplifies the four band aerial image generation process. The solution is composed of two synchronized **Phase One metric aerial cameras** mounted side by side on a base plate, a **Phase One iX Controller** and **Phase One iX Capture software**. Images are captured in NIR and RGB bands simultaneously, and processed automatically to generate distortion-free images and perform fine co-registration of the pixels from NIR to the RGB images, including processing different image sizes, with seven different output options, including multispectral CIR images. The solution's flexibility helps customers to fully utilize their investments – the two individual cameras may be employed for different purposes when not being used as part of the 4-Band solution. The 4-Band Solution is useful in varied applications ranging from crop metrics for optimization, to vegetation health, environmental contamination and city observations. **http://industrial.phaseone.com**

SATLAB GEOSOLUTIONS INTRODUCES SLC RTK HANDHELD TABLET OR PHONE AS DISPLAY

2

The Swedish based Survey and GIS equipment maker; **Satlab Geosolutions AB**, announces the availability of its multi-purpose **SLC RTK** handheld solution. The SLC brings professional high precision positioning in a unique design concept with Bluetooth connectivity for Android, Windows and iOS BLE smart devices. The SLC handheld sends via Bluetooth, cm level NMEA position data to the user's Tablet or Phone. Alternatively, it can be used as a fixed sensor for any compatible NMEA driven positioning application. The unique design includes a mounting plate to attach the user's Tablet device so it acts as the SLC's display, or connectivity is available via a USB/RS232 port. With built-in wireless modem and optional remote antenna and pole or fixed mount accessories, the SLC can be configured as a sensor for Machine Control or other Mobile applications. **www.satlabgps.com**

GENEQ RELEASES THE SXPAD 800H

3

Geneq Inc. has released the **SXPad 800H,** which the company describes as a feature-packed, rugged handheld GPS data collector at an affordable price. The SXPad 800H is specifically designed for mobile GIS users in applications ranging from water, electric and gas utilities, transportation, mining, agriculture and forestry. The high-performance 800-MHz device is designed to give users all the power needed to work with maps and large data sets in the field. It is designed for rugged outdoor use, the company says, with a waterproof seal (IP65) and ability to survive a 5-foot (1.5-meter) drop to concrete. Its 3.7-inch color touchscreen (full VGA) is sharp and is sunlight readable. Standard features include an extra-long battery life of more than 12 hours on a charge, slots for MicroSD cards and SIM cards, and the Windows Mobile 6.5 operating system**. www.geneq.com**

SENSEFLY LAUNCHES THE HIGH PRECISION, LARGE COVERAGE EBEE SQ DRONE

4

senseFly expanded its portfolio with the launch of the new **eBee SQ** fixed-wing agricultural drone. This cutting-edge unmanned aircraft system (UAS) is built for the **Parrot Sequoia** multispectral camera and can cover up to 10 times more ground than small quadcopter drones. The eBee SQ is an advanced agricultural system that combines the benefits of precise crop imaging with large ground coverage, and is fully compatible with existing agricultural workflows. The eBee SQ fully integrates Parrot's ground-breaking Sequoia camera. This multispectral sensor captures data across four highly distinct spectral bands (near-infrared, red-edge, red and green) plus visible RGB imagery—in just one flight. Once the drone's images have been processed, the Sequoia's broad spectral data enables numerous vegetation indices to be computed. The resulting index maps can then be employed to assess factors such as a plant's chlorophyll levels, a key indicator of crop health. **www.sensefly.com**