

# DT Research Rolls Out Series of High-accuracy GNSS Tablets



DT Research, located in the heart of Silicon Valley, USA, has announced its new line of rugged tablets with GNSS modules for mapping applications. The DT391GS, DT395GS and DT307GS are rugged tablets featuring integrated high-accuracy GNSS receiver modules with built-in antenna for data capture for mapping applications. Developed for field work that requires some form of mapping and GIS, accurate synchronisation, tracking and networking, this line of GS tablets is built to travel and provide reliable operations in the real world.

The DT391GS combines a 9-inch sunlight-readable, capacitive touch display with an Intel dual-core processor in a compact, durable package. With the high-accuracy GNSS module options (Hemisphere sub-meter or Trimble centimetre), the foldable antenna, and

Windows or Android operating system, users may choose the best positioning module for their applications. The DT391GS also offers protection in demanding environments with IP65 and MIL-STD-810G ratings for dust and water, and shock and vibration resistance.

The DT395GS offers a 9-inch sunlight-readable capacitive touch screen, an Intel dual-core processor, and a choice of Windows or Android operating systems. The GNSS positioning module has ublox 7P with Precise Point Positioning (PPP) technology for GPS, in combination with SBAS, providing high precision in clear-sky applications without the need for a reference station. The IP65 rating, and military-standard MILSTD-810G and MIL-STD-461F ratings, as well as wide temperature range, make the DT395GS reliable even in harsh, mission-critical environments.

The DT307GS GNSS tablet features a 7-inch capacitive touch screen and a quad-core processor with a built-in, high-accuracy GNSS module (ublox 7P with Precise Point Positioning (PPP) in combination with SBAS), and an Android operating system. The size and weight of the DT307GS make this tablet ultra-portable for long-term handling in the field.

## Field and office

All of the DT Research Rugged GS tablets offer hot-swappable batteries for continuous operation, enabling real-time project efficiency between staff in the field and in the office. With wireless support for Bluetooth, 802.11, WCDMA and HSPA+ connectivity and optional GSM networking, these GS tablets keep staff connected from any location. The DT391GS and DT395GS have Trusted Processing Module (TPM) encryption for security support, and a choice of Microsoft Windows Embedded Standard 7 or 7 Professional, or Android operating system making these tablets flexible to integrate with existing applications. An optional 5 megapixel camera offers another data capture tool to effectively record visual information, and an optional 3G cellular data module provides data connectivity for navigation and real-time data transfer.

The DT Research Rugged GS tablets bring full GNSS functionality into one package with the tools needed to keep staff in any location connected and accurate.