

Affordable Rugged Handheld Computer



Geneq from Canada has launched the SXPpad, a rugged handheld computer with advanced features for GPS/GIS data collection that is built for mobile GIS users in applications ranging from federal/state/local government, water/electric/gas utilities, and transportation to mining, agriculture, and forestry.

With its waterproof seal and surviving one metre drops to concrete, the SXPpad is built tough to survive outdoors. Its 3.7" colour screen (full VGA) is according to Geneq the sharpest outdoor-viewable, transreflective touch screen technology available, allowing users to display the highest resolution aerial photographs and richest GIS data in bright, outdoor sunlight. The SXPpad works in extreme temperatures from -4F (-20C) to 140F (60C).

The rugged SXPpad offers features like GSM/GPRS modem, WiFi, Bluetooth 2.0 (with SPP support), 3 megapixel camera, and an internal GPS receiver with external GPS antenna port. A MicroSD memory slot is available for up to 8GB of additional storage.

Measuring 3.7" (94mm) wide, 6.3" (160mm) long, 1.2" (30.5mm) thick and weighing just 9.6 ounces (273g), the SXPpad is optimised for GPS/GIS field data collection using its internal GPS receiver or one of Geneq's high-performance SXBlue GPS receivers for sub-metre and centimetre-level accuracy. A field-replaceable, rechargeable NiMH battery powers the SXPpad for up to 16 hours.

The SXPpad comes standard with Microsoft Windows Mobile 6.5 Pro with Microsoft Office Mobile, which includes Excel Mobile, Word Mobile, Internet Explorer Mobile, Outlook Mobile and PowerPoint Mobile. A mini-USB port on the SXPpad facilitates installing applications and transferring data via wired connection.

Specifically designed for GPS/GIS users, Geneq offers a free Ntrip/DIP client (SXBlue RTN) for the SXPpad and SXBlue GPS series that allows to use differentially corrected positions from any data collection software package such as Google Earth Mobile, ArcPad, Field CE, Digiterra, and many others. A post-processing software option for the SXPpad will be available in Q2 2012.