

Geneq Introduces New Multi-constellation GNSS Receiver for Survey



Geneq has announced the F90, a multi-constellation GNSS receiver with very high level of technology integration. The new product will fulfil the current surveyor's demands in terms of performance, flexibility and cost-effectiveness. F90 tracks multi-constellations (GPS, GLONASS, Galileo, Beidou) and can maximise 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 centimetre accuracy without a base station. The F90, with its advanced technology, ensures high performance even in harsh environments such as under heavy canopy.

Combining GNSS, 4G, Bluetooth and Wi-Fi

The F90 has a 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. Even with its magnesium alloy casing, F90 weighs just 1kg and measures only 140mm x 157mm x 76mm. Mobile field workers will find in this feature an ally to their surveying productivity.

Calibration-free GNSS receiver

With its integrated high-sensitive E-bubble and brand-new tilt survey algorithm, the F90 becomes a calibration-free GNSS receiver. Immune to magnetic disturbance and free from limitation of tilt angles, the F90 can be used to measure inaccessible points.

Equipped with an internal radio, enabling frequency band change from 410 to 470MHz, F90 can be used with different radio communication protocols. Another important feature is its integrated second-generation WEB UI control, fully compatible with all devices and all browsers. The user will benefit from the two smart hot-swappable Lithium batteries (same battery used with SXPad 1000P data collector) that can allow uninterrupted field work for up to 10 hours.