

SF-3050 GNSS Receiver



NavCom Technology has released the SF-3050 multi-frequency GNSS receiver with its new Sapphire GNSS OEM board. Offering integrated StarFire/RTK GNSS capabilities, the SF-3050 and Sapphire feature 66-channel tracking, including multi-constellation support for GPS, GLONASS and Galileo. They also provide an improved performance in GNSS receiver sensitivity and signal tracking as well as patented multi-path mitigation, interference rejection and anti-jamming capabilities, while supporting a range of high-speed I/O, including Ethernet, Bluetooth and USB capability.

Powered by the new Sapphire GNSS OEM board, the SF-3050 is a fully-upgradeable GNSS receiver, allowing the receiver to upgrade from single frequency to multi-frequency through software optioning alone. The software enabled features are sold in convenient software bundles, but can also be purchased individually, to suit changing application needs. Integrated StarFire is now simply activated via an Over the Air licensing system that sends a StarFire License via satellite directly to the StarFire capable receiver from NavCom's StarFire operations center. StarFire, NavCom's Global Satellite Based Augmentation System (SBAS), provides real-time global decimeter accuracy without a base station.