

Next-generation SPAN-CPT GNSS/INS Receiver



NovAtel has announced the next generation of its popular single-box SPAN-CPT GNSS/INS receiver. The SPAN-CPT now supports the company's next-generation OEM6 GNSS technology platform. The OEM6 GNSS engine improves positioning performance through its support of GPS and GLONASS, all-in-view satellite tracking and intelligent measurement selection.

NovAtel kept the design of the enhanced SPAN-CPT identical to its legacy product. It would ensure a seamless upgrade process for customers who would like to take advantage of the improved positioning capabilities, the company stated. The enhanced SPAN-CPT is fully backwards compatible with the previous generation of product. It retains the same compact form factor with identical pin-out and log structure.

As with the previous generation product, the upgraded SPAN-CPT integrates NovAtel's precision receiver technology with fibre-optic gyro and MEMS accelerometer inertial components from KVH Industries in one compact unit. The tight coupling of the GNSS and INS technologies optimises the raw GNSS and IMU data, delivering a first-rate position, velocity and attitude solution. Comprised entirely of commercial components, the SPAN-CPT minimises the operational complexities of working across international boundaries.

Production of the OEM6 supported SPAN-CPT commences 1 June 2013.

More information on the SPAN-CPT can be found [here](#).

<https://www.gim-international.com/content/news/next-generation-span-cpt-gnss-ins-receiver>
