

High-Performance GNSS Receiver

Magellan has showcased its latest dual-frequency GNSS receiver at the Oceanology International 2008. The latest advance from Magellan processes GPS and GLONASS signals via Magellan's patented BLADE technology to offer fast centimetre-level accurate performance for demanding high-precision applications.

With its new RTK solution, Magellan brings to the market a unique blend of technologies which increases RTK availability. They take advantage of currently available GPS, GLONASS, and SBAS signals, but also be comfortable knowing that you can upgrade your receiver to meet the evolution to future constellations (Galileo).

Magellan's BLADE (Baseline Accurate Determination Engine) technology employs a unique algorithm that delivers very efficient performance for faster more accurate point determinations. Embedded BLADE technology introduces a unique patented way to use multiple GNSS constellations for high-accuracy positioning, maximizing the benefit of adding extra satellites to its already stellar GPS performance. BLADE insures fast initialization, long-range accuracy, and provides robust signal tracking.

<https://www.hydro-international.com/content/news/high-performance-gnss-receiver>
