

# miniEclipse Dual-frequency GPS OEM Board

During the ION GNSS 2010 Conference in Portland, Oregon, Hemisphere GPS announced the release of miniEclipse, a compact dual-frequency GPS OEM board that incorporates the same digital and analog ASIC design as the recently released Eclipse II OEM board.

miniEclipse, the smallest precision dual frequency (L1/L2) OEM module available in the market today, is available in two form factors, P200 and P201. miniEclipse P200 is a drop-in board replacement for Hemisphere GPS' very successful Crescent board, while miniEclipse P201 is configured as a drop-in replacement for another industry standard interface. The miniEclipse P200 and P201 receivers offer high-performance positioning accuracy and low power consumption in a tiny package. Customers will appreciate the scalability of miniEclipse as it functions in L1-only SBAS and RTK modes and can be upgraded to dual-frequency RTK solutions. Also, raw data is available for post-processing in any configuration.

P200 and P201 also feature the patented SureTrack technology providing for an increase in RTK performance. The miniEclipse-enabled rover makes use of every satellite it is tracking, even satellites not tracked at the base. This, in addition to better cycle slip detection, provides for faster RTK reacquisition and greatly improved RTK robustness. Reliable DGPS positioning is enhanced through Hemisphere GPS' COAST technology.

The P200 and P201 OEM boards will be available in the fourth quarter of 2010 through the global network of Hemisphere GPS dealers.

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<https://www.gim-international.com/content/article/minieclipse-dual-frequency-gps-oem-board>

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