

**For Immediate Release**

## **Hemisphere GNSS Announces New Eclipse™ P328 OEM Positioning Board**

**Scottsdale, AZ, USA – October 12, 2016** – Today, Hemisphere GNSS announces the Eclipse P328, the next offering in a line of new and refreshed, low-power, high-precision, positioning OEM boards. The multi-frequency, multi-GNSS P328 is an all signals receiver board that includes Hemisphere's new and innovative hardware platform and integrates Atlas® GNSS Global Corrections.

Designed with this new hardware platform, the overall cost, size, weight, and power consumption of the P328 are reduced. It offers true scalability with centimeter-level accuracy in either single-frequency mode or full performance multi-frequency, multi-GNSS, Atlas-capable mode that supports fast RTK initialization times over long distances. The 60mm x 100mm module with 24-pin and 16-pin headers is a drop-in upgrade for existing designs using this industry standard form factor.

The latest technology platform enables simultaneous tracking of all satellite signals including GPS, GLONASS P-code, BeiDou, Galileo, and QZSS making it robust and reliable. The updated power management system efficiently governs the processor, memory, and ASIC making it ideal for multiple integration applications. The P328 offers flexible and reliable connectivity by supporting Serial, USB (On-The-Go with future firmware upgrade), CAN, and Ethernet for ease of use and integration. Optional output rates of up to 50 Hz are also supported.

### **Outstanding Capabilities**

Powered by the Athena™ GNSS engine, the P328 provides best-in-class, centimeter-level RTK. Athena excels in virtually every environment where high-accuracy GNSS receivers can be used. Tested and proven, Athena's performance with long baselines, in open-sky environments, under heavy canopy, and in geographic locations experiencing significant scintillation is nothing short of cutting edge. Together with SureFix™, Hemisphere's advanced processor, the P328 delivers high-fidelity RTK quality information that results in guaranteed precision with virtually 100% reliability.

### **Advanced Technology Features**

Integrated L-band adds support for Atlas GNSS global corrections for meter to sub decimeter-level accuracy while new Tracer™ technology helps maintain position during correction signal outages. The P328 also uses Hemisphere's all-new aRTK™ technology, powered by Atlas. This feature allows the P328 to operate with RTK accuracies when RTK corrections fail. If the P328 is Atlas-subscribed, it will continue to operate at the subscribed service level until RTK is restored.

The P328 is ideal for land or marine survey, machine control, and any application where high-accuracy positioning is required. Hemisphere GNSS will be showcasing the all-new Eclipse P328 OEM positioning board at INTERGEO in Hamburg, Germany, October 11-13, in hall A1, stand F1.013.

## **About Hemisphere GNSS**

Hemisphere GNSS is an innovative technology company that designs and manufactures high-precision positioning products and services for use in OEM/ODM, machine control & guidance, survey & mapping, L-band correction services, marine, monitoring, and unmanned systems markets. Hemisphere holds numerous patents and other intellectual property and sells globally with several leading product and technology brands including Athena™, Atlas®, Crescent®, Eclipse™, and Vector™ for high-precision applications. Hemisphere is based in Scottsdale, AZ, USA, with offices located around the globe, and is part of UniStrong Science & Technology Co., Ltd. in Beijing, China. For more information, please visit [www.HGNSS.com](http://www.HGNSS.com).

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