

For Immediate Release

Hemisphere GNSS Announces New Crescent® Vector™ H220 OEM Positioning and Heading Board

Berlin, Germany – September 27, 2017 – Today, at [INTERGEO 2017](#), Hemisphere GNSS, Inc. ([hall 2.1 / stand C2.008](#)) announces the [Crescent Vector H220](#), the next offering in a line of new and refreshed, low-power, high-precision, positioning and heading OEM boards. The single-frequency, multi-GNSS H220 provides added benefits over the prior generation H200 with a more robust positioning and heading solution and integrates [Atlas® GNSS Global Correction Service](#).

Designed with a new hardware platform, it offers true scalability with centimeter-level accuracy in either single-frequency mode or Atlas-capable mode that supports fast RTK initialization times over long distances. The H220 offers fast accuracy heading of better than 0.30 degrees at 0.5 m antenna separation in ideal conditions and aiding gyroscope and tilt sensors for temporary GNSS outages. The 109 mm x 71 mm module with 34-pin header is a drop-in upgrade for existing designs using the H200.

The latest technology platform enables simultaneous tracking of all L1 constellations including GPS, GLONASS, 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 H220 offers flexible and reliable connectivity by supporting Serial, USB, and CAN for ease-of-use and integration. Optional output rates of up to 50 Hz are also supported.

Advanced Technology Features

The H220 offers integrated L-band support for Atlas corrections providing global sub-meter position accuracy while Hemisphere's [Tracer™](#) technology helps maintain position during correction signal outages.

Integrators, developers, and OEMs can maximize their performance by including the H220 in their systems for antenna pointing, marine survey, machine control, and any application where high-accuracy positioning and heading is required.

Hemisphere will be showcasing the all-new Crescent Vector H220 OEM positioning and heading board at *INTERGEO 2017 in Berlin, Germany until September 28, 2017* ([hall 2.1 / stand C2.008](#)).

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, marine, machine control & guidance, agriculture, and L-band correction service 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 Beijing UniStrong Science & Technology Co., Ltd.

For more information, please contact:

Gabriel Grenier-Baird
Hemisphere GNSS
Phone: +1 (480) 348-6380
Email: Press@HGNSS.com
www.HGNSS.com

