

Entry-level GNSS Antenna



Hemisphere GPS introduces the affordable A325 GNSS Smart Antenna. This new design incorporates professional-level centimetre and sub-metre positioning accuracy powered by Hemisphere GPS's™ Eclipse receiver technology and includes L-band and Bluetooth communications support. A325 is a great fit for a variety of applications including robotics, marine, survey, and GIS.

A325 accuracies are software scalable to be custom configured for the customer's specific needs and budget. Users can take advantage of free SBAS sub-meter accuracy or decimetre-level L-band support. For more precise needs such as hydrographic surveying, customers can activate the centimetre-level RTK feature with robust GPS and GLONASS positioning utilising Hemisphere GPS' exclusive SureTrack technology.

Various communication options within A325 make it compatible with a range of data collectors, terminals, and software applications. With dual serial ports offering NMEA 0183, a wireless Bluetooth mode, controller area network (CAN) interface that supports NMEA 2000, and pulse outputs the A325 will quickly and easily connect to systems used by positioning or navigation professionals.

With a durable IP-69K sealed and lightweight enclosure that houses both antenna and receiver, A325 is easy to install and operate in harsh environmental conditions, also for backpack and vehicle mounting solutions. Wireless connections to a data controller make it easy to establish positions and attributes, making A325 an essential component for mapping municipal assets and topographical features. The easy-to-see multi-colour LED status indicator and integrated 2D tilt sensor enable offset corrections and add to the simplicity of A325.

<https://www.hydro-international.com/content/news/entry-level-gnss-antenna-2>
