

Acutis DGPS

6-Channel Differential GPS Sensor

Step up to differential GPS precision.

When piloting your vessel into fog-shrouded harbor entrances, through narrow rocky channels, or within meters of international boundaries, you need differential GPS, the most precise navigation technology.

With the emergence of differential GPS (DGPS) networks around the world, a clear need exists for a simple and effective DGPS upgrade for existing navigation systems. Trimble Navigation fulfills this need with the Acutis DGPS.

Differential GPS enables position

accuracies of 3 to 10 meters and velocity measurements within 0.1 knots by correcting for Selective Availability and other sources of error. The Acutis DGPS brings this level of precision to a broad range of marine electronics including plotters, sounders, fish finders, and radars. And best of all, it makes a DGPS upgrade incredibly easy.

The Acutis DGPS is a high performance 6-channel DGPS receiver and antenna integrated into a compact, weatherproof housing which mounts like an antenna. It accepts GPS corrections in the RTCM SC-104 format and outputs precise position, speed, course, and time data using the standard NMEA

0183 protocol. The Acutis DGPS supplies standard GPS solutions when GPS corrections are not available.

Mount the Acutis DGPS, connect the GPS correction source and the navigation equipment, and turn on the power. Within 3 minutes, it automatically tracks up to 8 satellites, and outputs precise DGPS data. That's all that's required to bring differential GPS performance to your vessel.

Don't settle for the accuracy limitations of Selective Availability, when differential GPS precision is available with the Acutis DGPS.

