



For use in precision applications for surveying, construction, commercial mapping, civil engineering, precision agriculture, land-based construction and agriculture machine control, pho



Mongolia

Sri Lanka

Wrangel Island



Kuril Islands

AT4

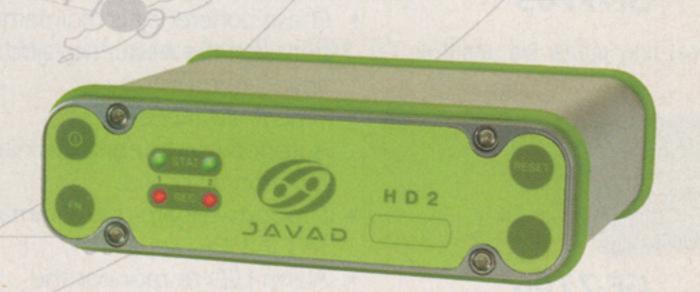
JAVAD AT4 is the first and the only dual frequency satellite-based attitude system. If you ever doubted the reliability of GPS attitude systems it was because you used single frequency systems. The effective 86 cm dual frequency wavelength (compared to 19 cm of single frequency) makes AT4 the most reliable and the fastest-to-settle attitude system in the world. AT4 is actually four 20-channel geodetic quality dual frequency GPS (GLONASS optional) receivers packaged in one small box (110 x 90 x 130 mm) that is in turn connected to four antennae. The dual frequency code and carrier data from four antennae are processed to determine the three orientation angles and three dimensional position up to 20 times per second. The AT4 can also be operated in RTK or DGPS mode from an external base station to provide highly accurate position and velocity.



North Pacific Oc

HD2

JAVAD HD2 is a dual frequency satellite-based two-antenna system that measures true heading. It contains two 20-channel geodetic quality dual frequency GPS (GLONASS optional) receivers packaged in one small box (159 x 49 x 138 mm) that is connected to two antennae whose base-line is fixed at the time of installation. The HD2 can also be operated in RTK or DGPS mode from an external base station to provide highly accurate position and velocity.



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