

THE MOST ADVANCED GPS COMPANY IN THE WORLD



JAVAD[®]
NAVIGATION SYSTEMS

EXPERIENCE • VISION • COMMITMENT

www.javad.com

Highly Advanced GPS Receivers

LGG



20 channels of single frequency GPS and GLONASS on a small (108 x 57 mm) board. It includes an on-board power supply that accepts any unregulated voltage from 4 to 14 v.d.c., has up to four serial ports and typically consumes 1.5 Watts. Yet it has advanced features like Co-Op tracking and Advanced Multipath Mitigation as with other receivers from Javad. It provides 10 cm code phase, 0.1 mm carrier phase precision and accurate 1 pps.

JGG20

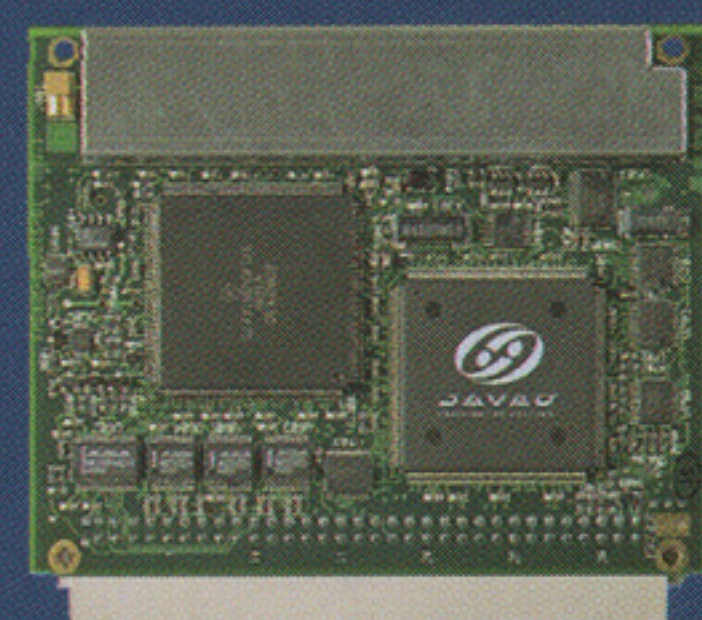


JNSbox-GD



20 channels of dual frequency GPS with up to four serial ports and up to 96Mb of memory for data storage. It includes an on-board power supply that accepts any unregulated voltage from 4 to 14 v.d.c. (2 Watts). It has advanced features like Co-Op tracking and Advanced Multipath Mitigation as with other products from Javad. The OEM board has half the length of Eurocard with standard Eurocard DIN connector (80 x 100 mm). Packaged version comes with MINTER (MINimum INTERface) for easy operation without the need for external controller.

JNSeuro-GD

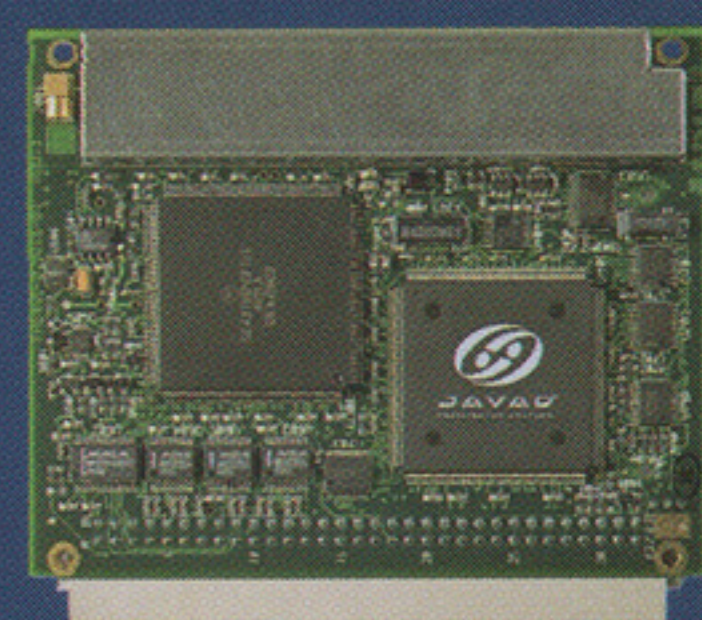


JNSbox-GG



20 channels of single frequency GPS and GLONASS with up to four serial ports and up to 96Mb of memory for data storage. It includes an on-board power supply that accepts any unregulated voltage from 4 to 14 v.d.c. (2 Watts). It has advanced features like Co-Op tracking and Advanced Multipath Mitigation as with other products from Javad. The OEM board has half the length of Eurocard with standard Eurocard DIN connector (80 x 100 mm). Packaged version comes with MINTER (MINimum INTERface) for easy operation without the need for external controller.

JNSeuro-GG

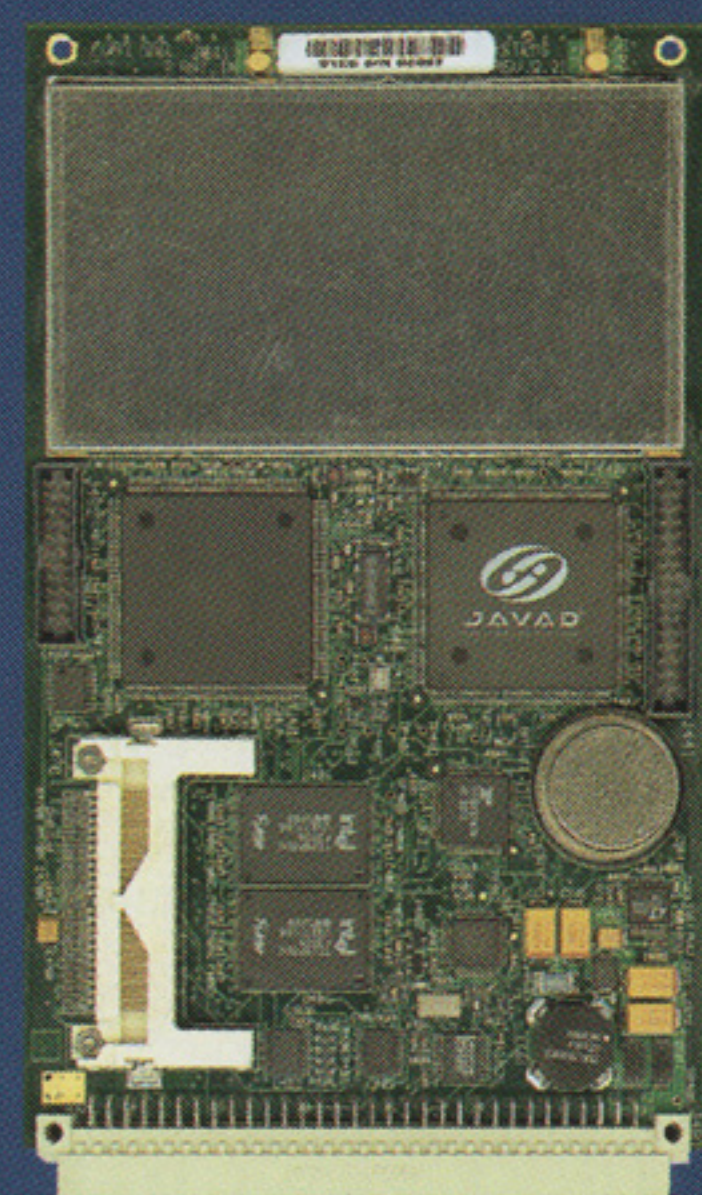


JNSbox-GGD



The most advanced GPS technology in the world. It has 20 channels of dual frequency GPS and GLONASS with options such as In-Band Interference Rejection (may require export license for outside US), Co-Op tracking, Advanced Multipath Mitigation, frequency and timing signals, serial, USB and Ethernet ports, an on-board power supply that accepts any unregulated voltage from 4.75 to 28 v.d.c. (3 Watts). The OEM board is the standard Eurocard size of 160 x 100 mm. Packaged version comes with MINTER (MINimum INTERface) for easy operation without the need for external controller.

JNSeuro-GGD



It's Prego... It's in there...



Prego

You can select one of the of JNSeuro cards on the left, and up to two from the set of communication boards on the right (GSM dual-band, dual-user cellular phone; Spread Spectrum 900 MHz or 2.4 GHz; UHF radio) and the optional Windows-CE JNSRanger controller with 1/4 VGA color display and cool cathode front light. We package them all in this compact, rugged, metal box (15.9 x 4.9 x 24.2 cm) that includes generous capacity rechargeable Li-Ion batteries (for up to 25 hours of continuous work), and internal charger that charges the batteries with any input from 9 to 28 volts d.c. It's Prego... It's in there...

It's cute... It's HiPer...

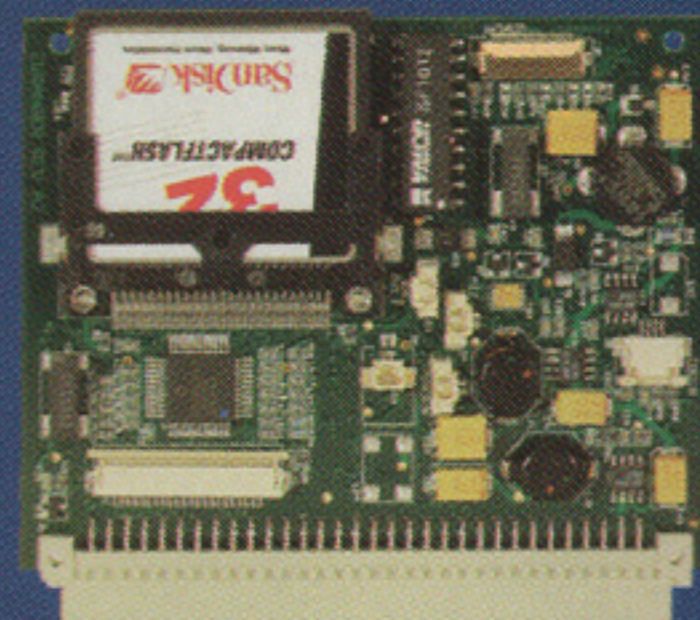
HiPer (High Performer) integrates one of the **JNSeuro-GD** or **JNSeuro-GG** boards with one of the communications boards (optional) and a GG or GD antenna (optional). It is packaged in a compact, rugged, metal box (15.9 x 4.9 x 17.2 cm) that includes generous capacity rechargeable Li-Ion batteries (for up to 25 hours of continuous work), and internal charger which charges the batteries with any input from 9 to 28 volts d.c. With its **MINTER** (MINimum INTERface) you don't need an external controller for most tasks.

Prego and **HiPer** in the **KuKu** mode (optional) can be programmed to turn on periodically, establish communication, transmit their position and then go back into sleep mode.

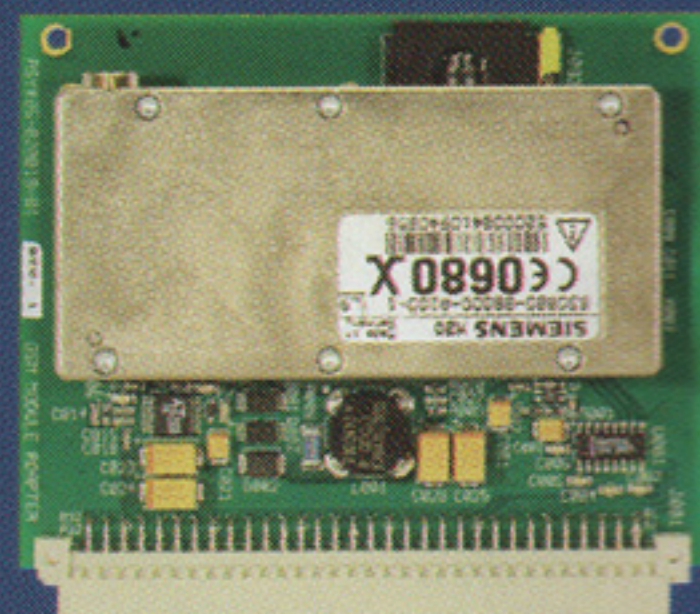
HiPer



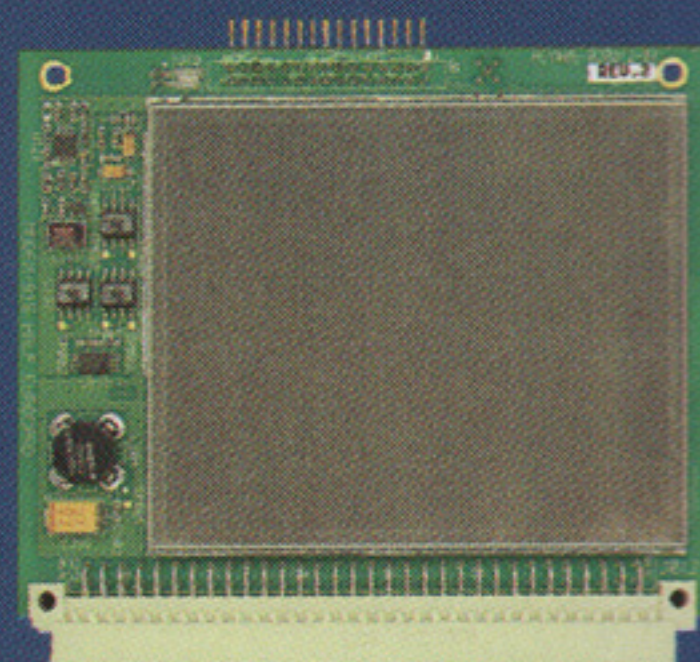
EuroRanger



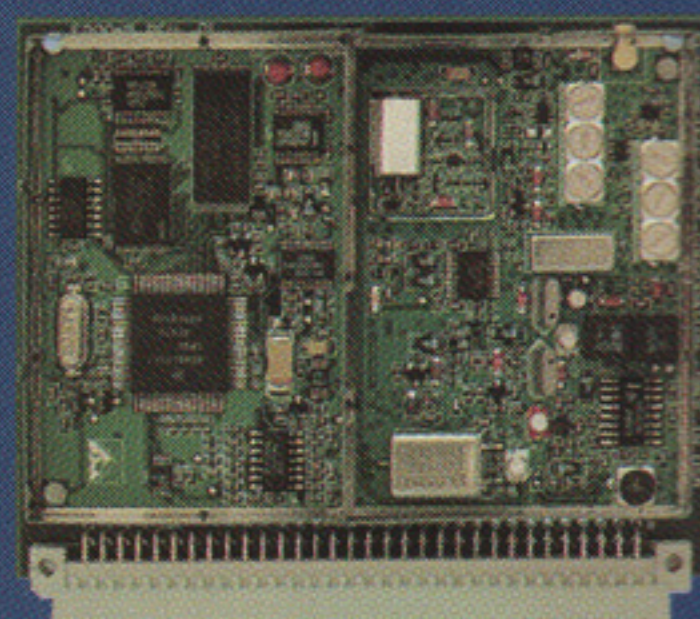
EuroGSM



EuroSpSp



EuroUHF



Most Powerful Attitude And Heading Systems

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 (11 x 9 x 13 cm) 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.

JAVAD HD2 is similar to **AT4** but is a 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 (15.9 x 4.9 x 13.8 cm) that is connected to two antennae whose base-line is fixed at the time of installation.

Antennae

AvAnt GD, GGD: A dual frequency GPS or GPS and GLONASS antenna for aircraft or vehicle mount where low profile is required.

MarAnt GG, GD: Single frequency GPS and GLONASS or dual frequency GPS with the best geodetic quality performance. The packaging is rugged and ideal for marine and portable applications.

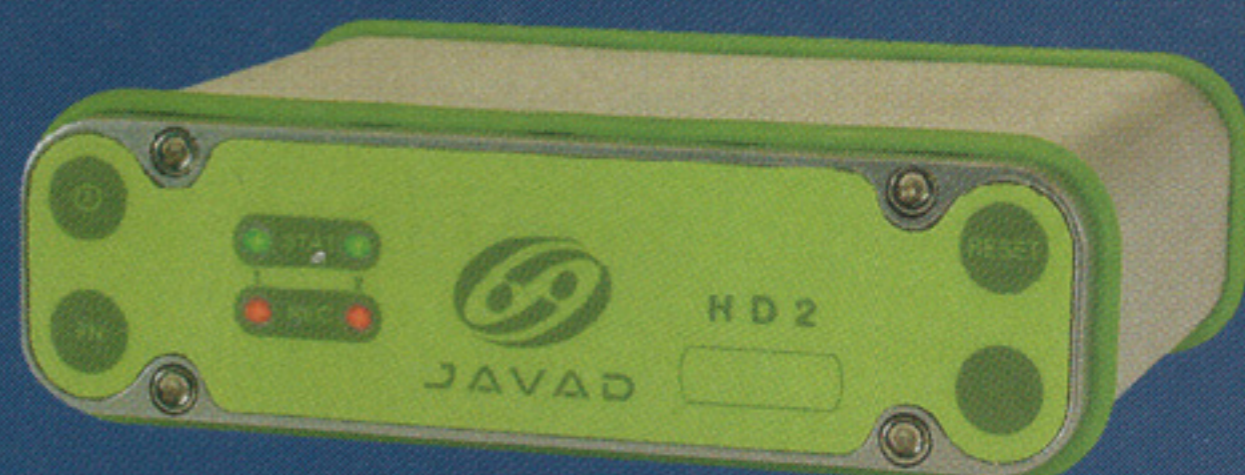
ComAnt GD, GGD: A communication antenna combined with single or dual frequency GPS and GLONASS. The communication antenna mounted in the center of the GPS antenna will not affect the phase center of the GPS antenna and mounting above the GPS antenna provides the best reception gain.

All pictures are 1/3 of actual size
Products will be available after June 15
JNS sells products for non-survey applications
See www.javad.com for details

JAVAD AT4



JAVAD HD2



AvAnt



MarAnt



ComAnt

