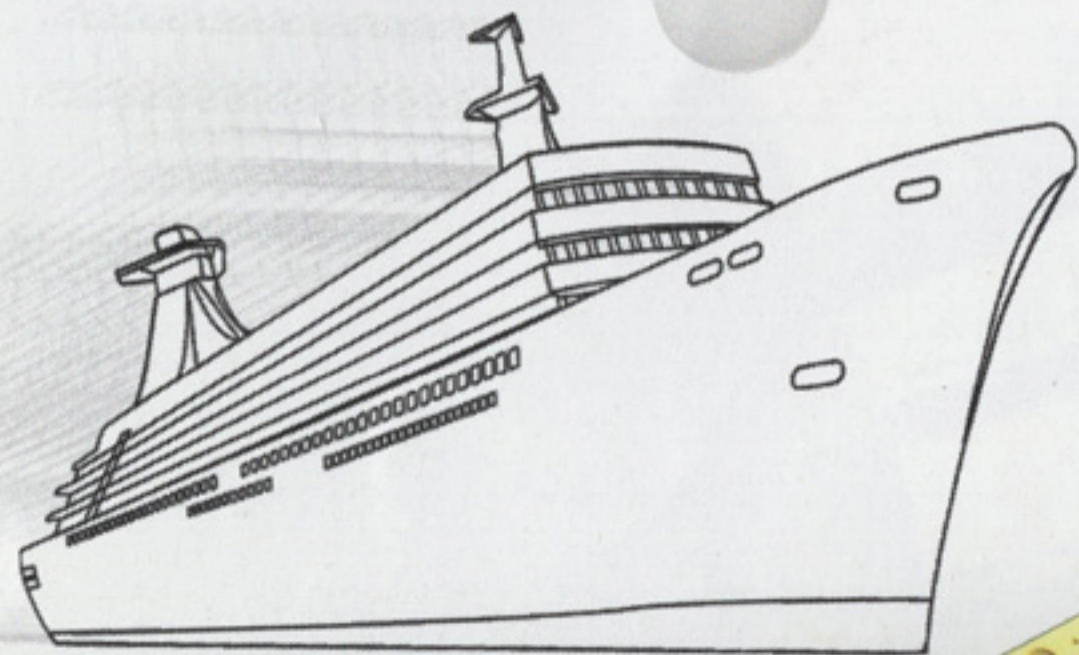
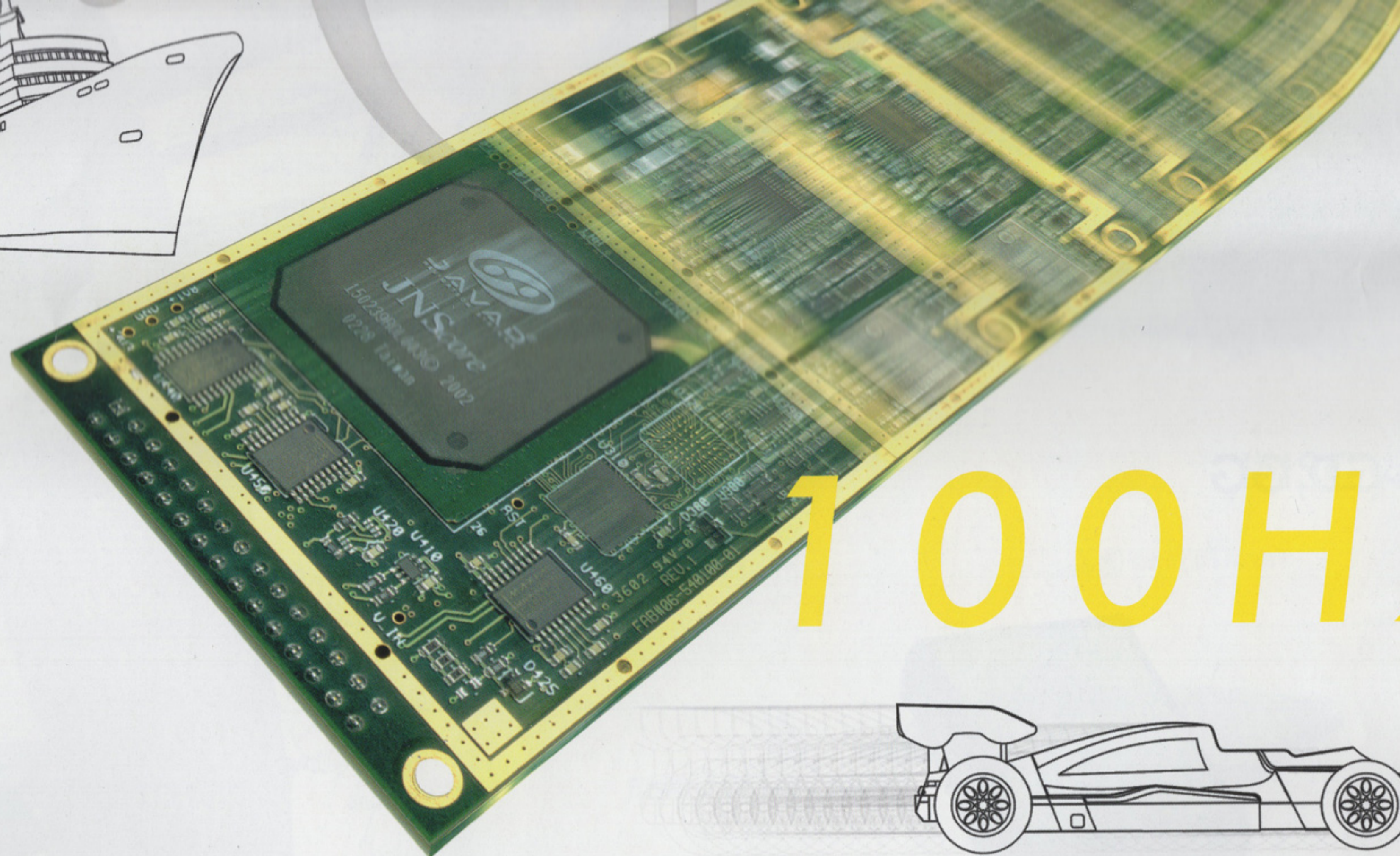
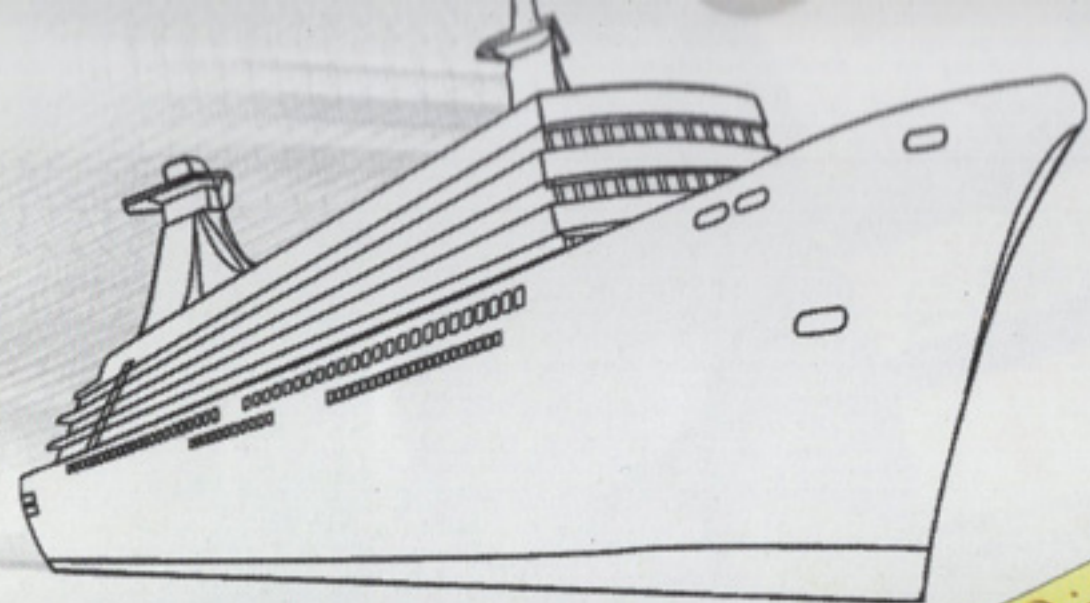


# JNS 1000

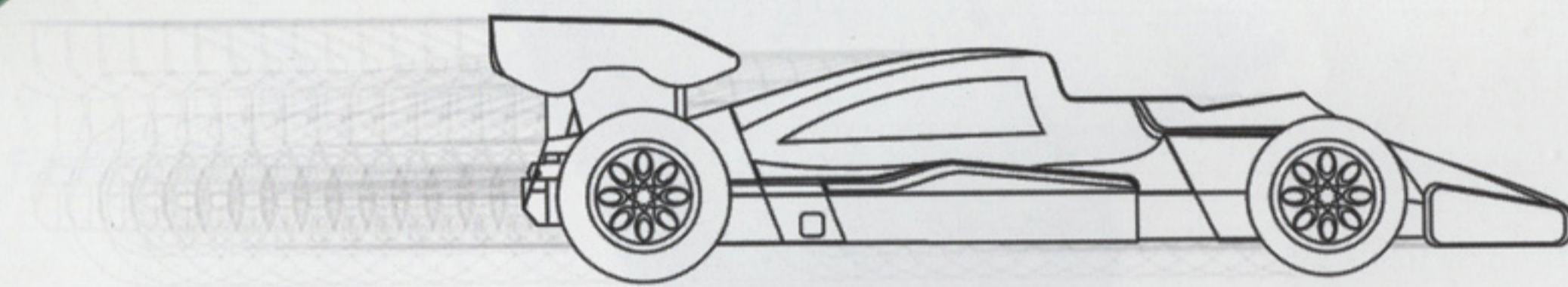
100 Hz raw data and position solutions  
(no interpolation)  
Extra processor for user applications



# 100 Hz



# 100Hz



- ➔ 50-channel, all-in-view: L1 GPS, INMARSAT, WAAS/EGNOS and GLONASS.
- ➔ Low signal tracking (down to 30 dB\*Hz).
- ➔ Fast acquisition and fast re-acquisition.
- ➔ Up to 30g's of dynamic.
- ➔ Almost unlimited altitude and velocity (for authorized users).
- ➔ Advanced Multipath Mitigation.
- ➔ 10 cm code phase and 0.1 mm carrier phase precision in differential modes.
- ➔ Four high speed (115.2 Kbps) standard RS232 serial ports.

- ➔ 1 PPS output (TTL) synchronized to GPS, UTC or GLONASS.
- ➔ Event marker input.
- ➔ On-board power supply accepts any unregulated voltage between 6.5 and 40 volts.
- ➔ Typical power consumption 0.8 watts.
- ➔ Dual CPU core allows to run user application software in parallel with satellites processing.
- ➔ Small size (88 x 57 mm).
- ➔ Pin compatible with JNS20.

# The greatest GPS technology



**LGG**



**JNS20**



**Euro-GD,GG**



**JAVAD NAVIGATOR**

**Euro-GD,GG**



**Lexon-GD,GG**



**Lexon-GGD**



**with a support you can't**

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

# ... and products from Javad ...



JNS100



Maxor



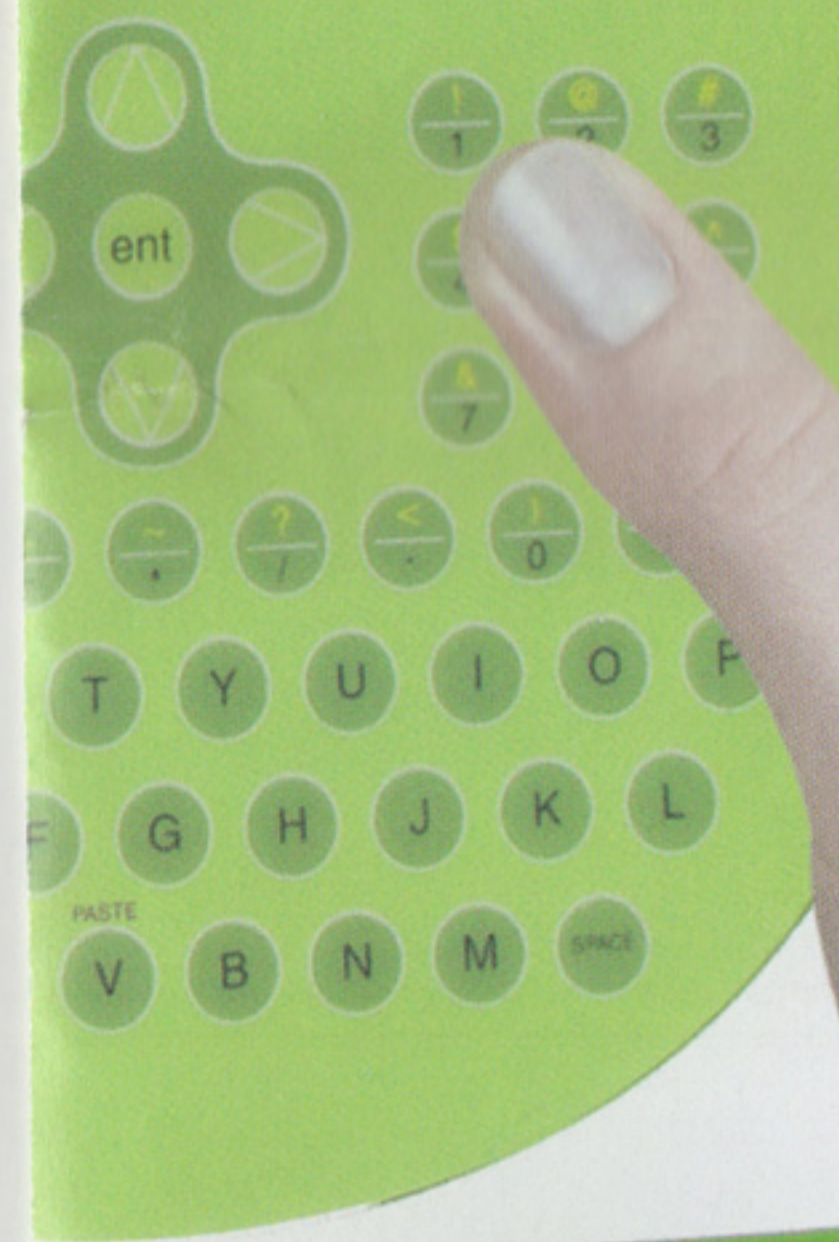
JNSGyro-2



JNSGyro-4



**JAVAD**  
ION SYSTEMS



**BUY**



**JNSGyro-4**



**MarAnt**



**AvAnt**



**Euro-GGD**

**find anywhere else**

For more information on machine control, photogrammetry mapping, hydrographic and other uses reasonably related to those applications please contact Topcon Positioning Systems

**JNSGyro-4** 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 JNSGyro-4 the most reliable and the fastest-to-settle attitude system in the world. JNSGyro-4 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 antennas. The dual frequency code and carrier data from four antennas are processed to determine the three orientation angles and three dimensional position up to 20 times per second. The JNSGyro-4 can also be operated in RTK or DGPS mode from an external base station to



**JAVAD**<sup>®</sup>  
NAVIGATION SYSTEMS

JNSGyro-4

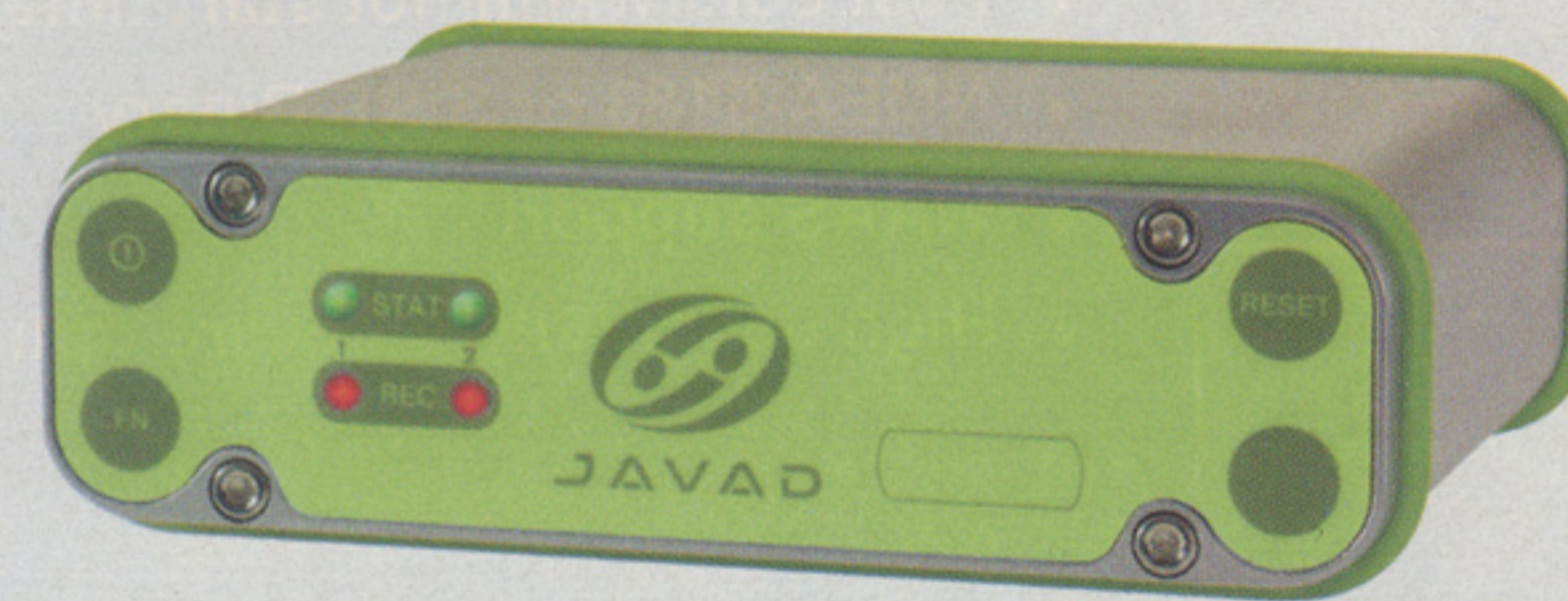


reliable and the fastest-to-settle attitude system in the world. JNSGyro-4 is actually four 20-channel geodetic quality dual frequency GPS (GLONASS optional) receivers packaged in one small box (110 x 90 x 130 mm) that is in turn connected to four antennas. The dual frequency code and carrier data from four antennas are processed to determine the three orientation angles and three dimensional position up to 20 times per second. The JNSGyro-4 can also be operated in RTK or DGPS mode from an external base station to provide highly accurate position and velocity.

**JNSGyro-2** 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 antennas whose base-line is fixed at the time of installation. The JNSGyro-2 can also be operated in RTK or DGPS mode from an external base station to provide highly accurate position and velocity.



## JNSGyro-2



[www.javad.com](http://www.javad.com)