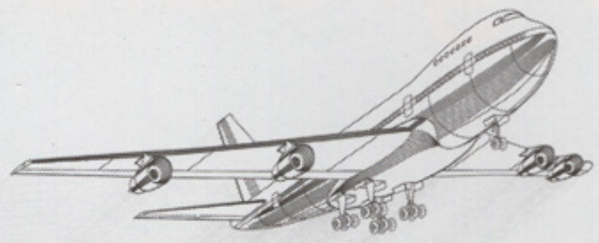
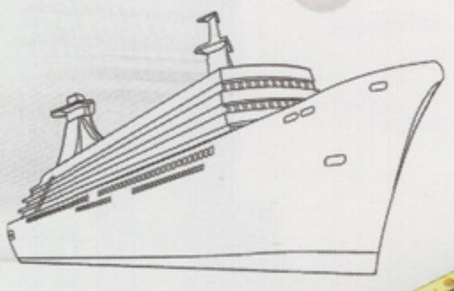
JAVAD®
NAVIGATION SYSTEMS



JNS100-GG

100 Hz raw data and position solutions
(no interpolation)

Extra processor for user applications



Named similar

100Hz

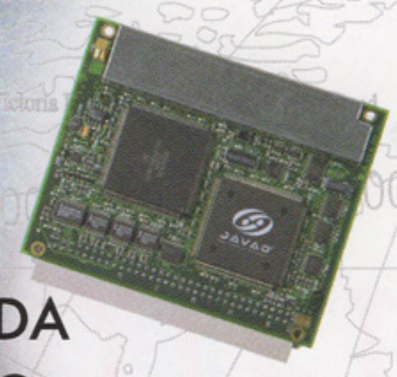
Looks familiar

- 50-channel, all-in-view: L1 GPS, GLONASS, and WAAS/EGNOS.
- 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.
- Two high speed (460.8 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 1.1 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.

Improved a lot!

+ CAN communication interface
+ IRIG-B serial timing interface
+ Up to 128MB of data storage
+ RTK Base and Rover
+ High shock and vibration resistance
+ High accuracy velocity measurement

The greatest GPS technology and



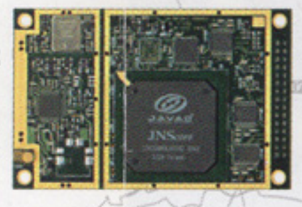
Euro-GDA
Euro-GG

GGD-112

LGG100

Lexon-GD
Lexon-GG

Lexon-GGD

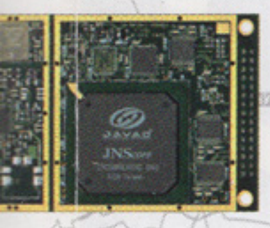


JNS1
JNS1

AvAnt

with a support you can't fin

gy and products from Javad ...



JNS100
JNS100-GG

Maxor
Maxor-GGD

JNSGyro-2

JNSGyro-4

JNS IMU

AvAnt

MarAnt+
MarAnt L1

an't find anywhere else

JAVAD®
NAVIGATION SYSTEMS

JNSGyro-4

BUY

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 provide highly accurate position and velocity.

BUY

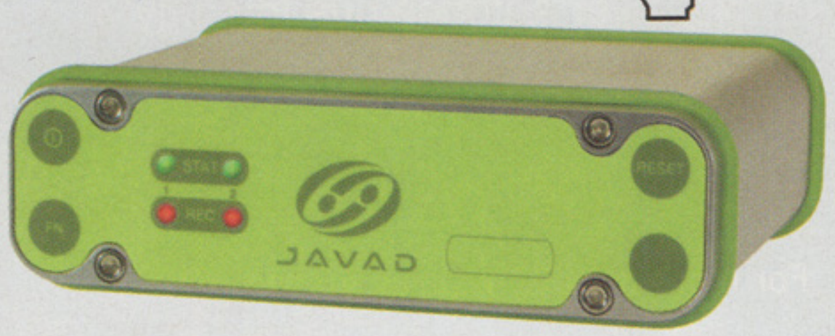
JNS IMU

JNS Inertial Measurement Unit (IMU) product can be used either as sole navigation unit or integrated with multiple sensors as part of a more comprehensive navigation system. The JNS IMU combines a three degree-of-freedom gyro, three accelerometers with a processing and communication board in a water resistant aluminum housing with mounting brackets and shock absorbers. For autonomous applications the IMU provides measurements of angular velocity and acceleration. If the JNS IMU is combined with the JNSGyro-4 GPS receiver, this system also provides position in a standalone or in the carrier phase differential mode.

JNSGyro-2

BUY

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.



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CIRCLE 1