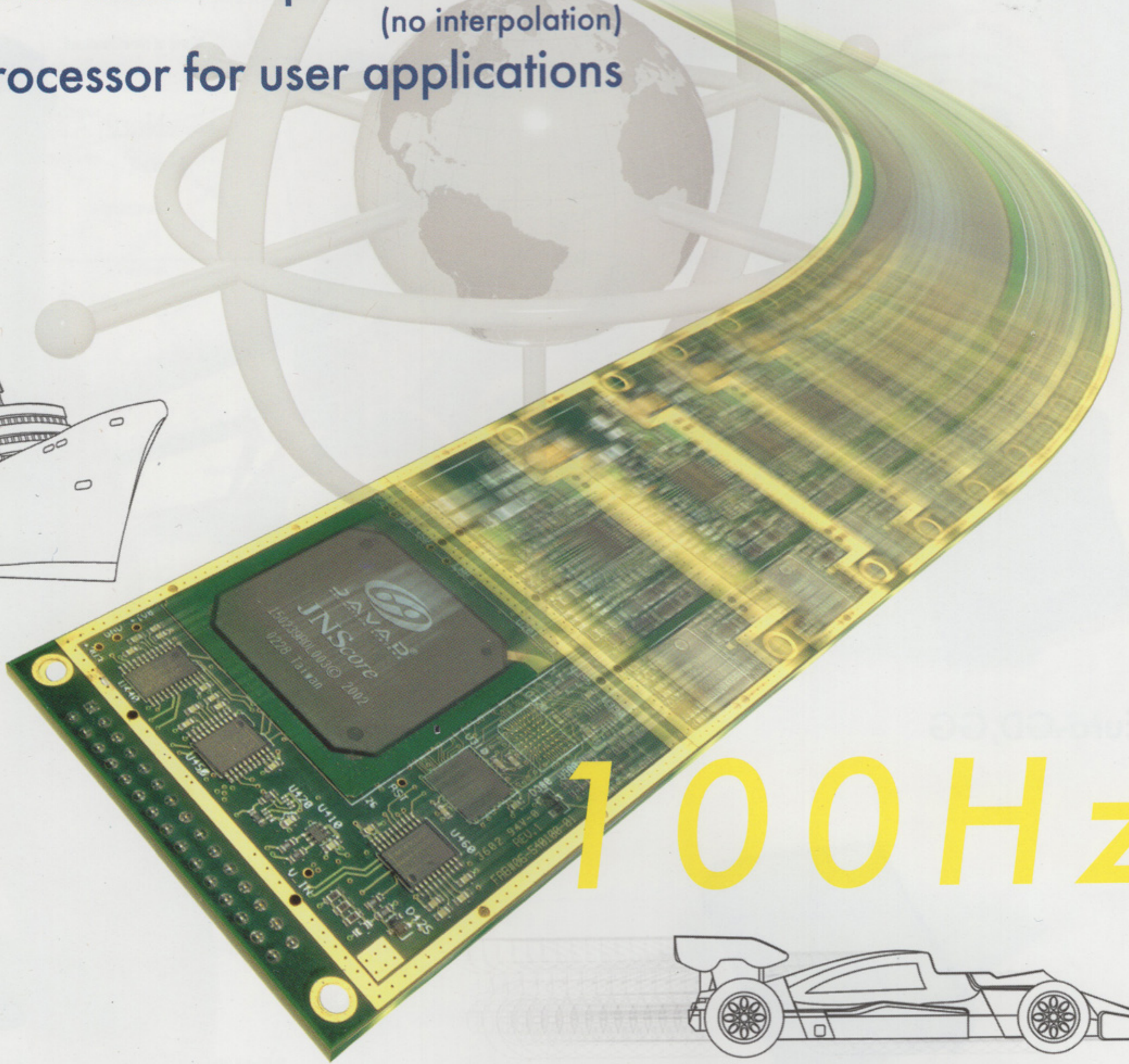
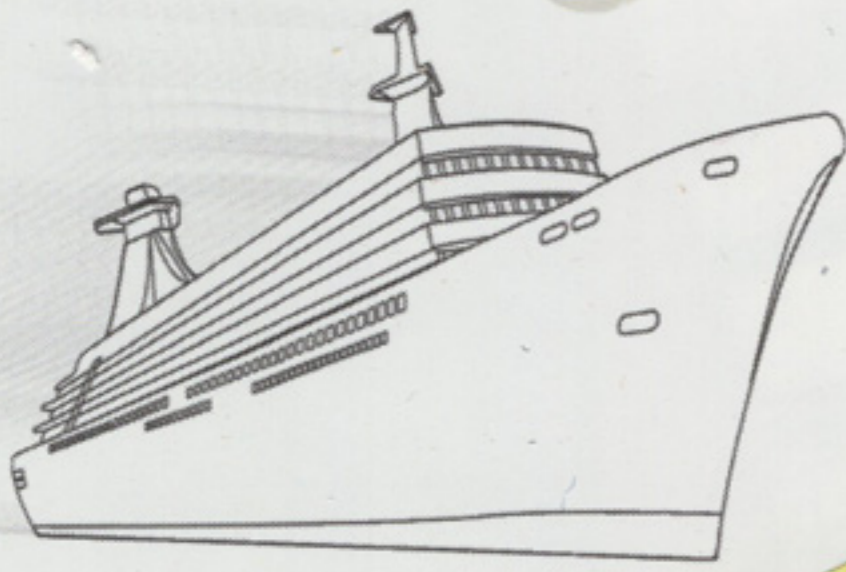


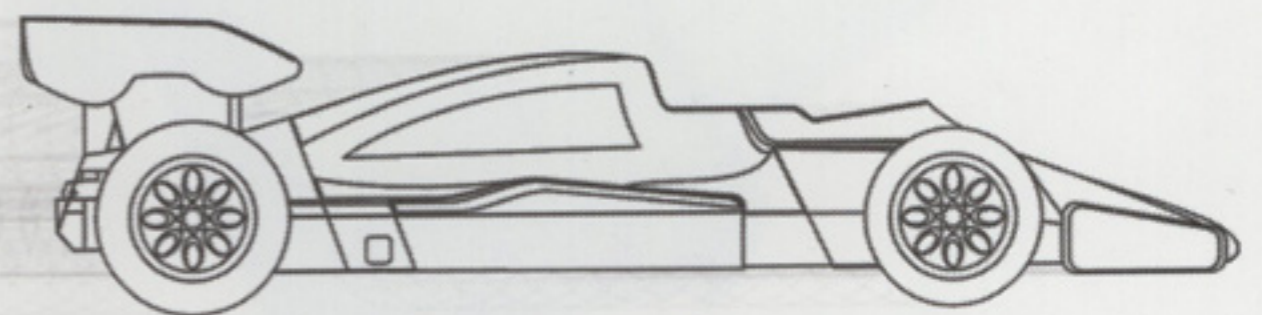
JGG 100

100 Hz raw data and position solutions
(no interpolation)

Extra processor for user applications



100 Hz



- 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 JGG20.

The greatest GPS technology and

JGG20

LGG

Euro-GD,GG
French Polynesia (Fr.)

Lexon-GD,GG

Lexon-GGD

Maxor

JAVAD
NAVIGATION SYSTEMS

with a support you can't find

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

... and products from Javad ...

The advertisement features a world map as a background. Several Javad GNSS receivers and antennas are positioned over different geographical locations:

- Maxor**: A small, rectangular receiver with a green top and grey bottom, located over the Arctic region.
- HD2**: A rectangular receiver with a green top and grey bottom, located over the Pacific Ocean.
- AT4**: A larger, square-shaped receiver with a green top and black bottom, located over the Indian Ocean.
- MarAnt**: A flat, green antenna mounted on a black base, located over the Indian Ocean.
- AvAnt**: A small, white, dome-shaped antenna, located over the Indian Ocean.
- Euro-GGD**: A green printed circuit board (PCB) with various electronic components, located in the bottom left corner.

A hand is shown holding a Javad receiver with a keyboard. A green button with a red dot and the word "BUY" is overlaid on the map near Indonesia.

... can't 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



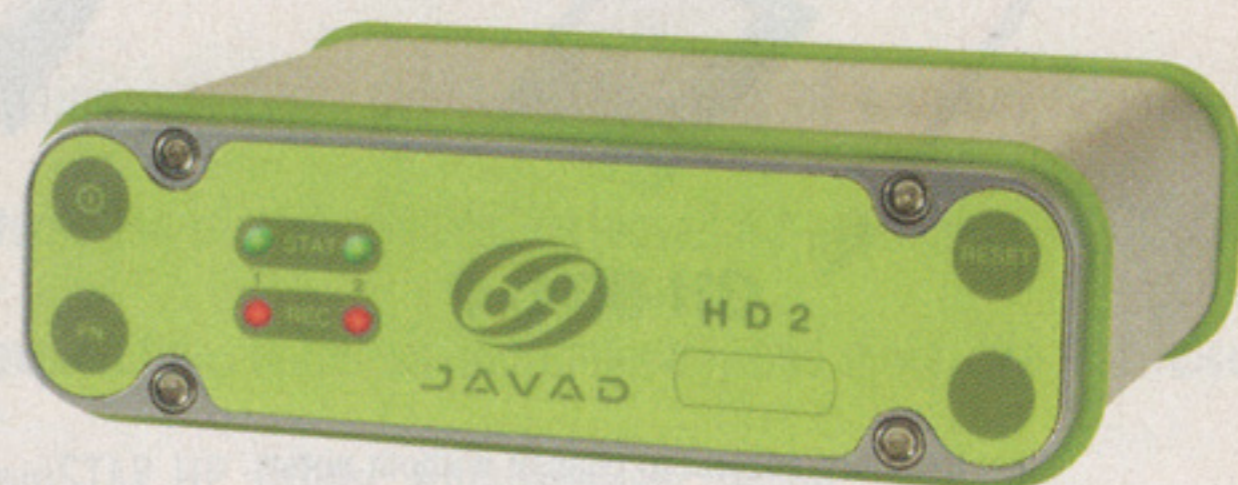
JAVAD[®]
NAVIGATION SYSTEMS

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.

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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