

Octantis 2 NS7300D-01A

MEMS-based INS for Airborne Application



High-end Tactical Class Gyros



0.8 deg/hr, to give high performance position data in GNSS denied environment

Multimode Kalman Filter



For precise estimation of attitude, heading and position data

High Update Rate



Navigation data available at 100Hz and Raw IMU data available at 200Hz

Rugged Design



Compliant as per MIL-STD-461F, MIL-STD-810G



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Precise Position Accuracy with RTK



Centimeter level position accuracy with RTK, 1% DT with odometer input, precise positioning, mapping and surveying

Multi-frequency, Multi-channel GNSS



Supports L1, L2, L5 (IRNSS), 445 Channel

Anti-Jamming and Anti spoofing



Resistant to intentional radio frequency interference

Multiple Standard Interfaces



Supports Ethernet, CAN and Serial Interfaces



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