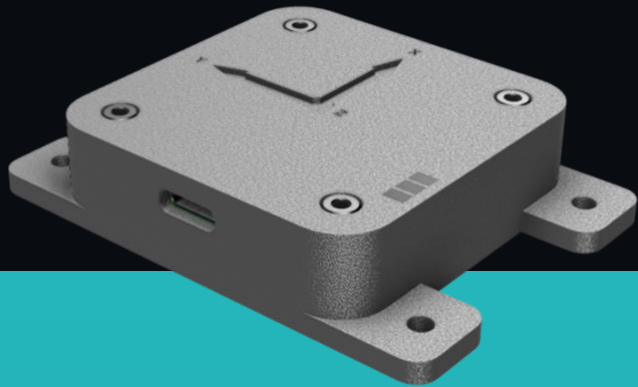


NINEV04 AHRS

V4.1 Specifications

Light Weight &
Professional Edition

< 1 Watt



68 x 49 x 15 mm



< 50 grams



± 16 g



± 2000 deg/s



< 150 grams



Up to ±1 deg



1x UART



1x CAN-2.0B



ARINC-429 optional

Output data rate ≤
1kHz

USB configurable

Features

- Output data rates up to 1 kHz
- USB Type-C configuration and Lab interface
- Onboard microSD-Card data logging (LW Edition)
 - Log files for every power cycle
- 3 Axis accelerometer up to $\pm 16g$
- 3 Axis gyro up to ± 2000 deg/s
- 3 Axis magnetometer up to 1 deg heading accuracy
- Attitude data output as Quaternion optional
- Raw sensor data output optional
- Light Weight Edition < 50g
- Professional Edition < 150g
- Small form factor
 - LxWxH: 68 x 48.4 x 12.6 mm
- 5V Power Supply @ 200mA max.
- Rich interfaces
 - 1x UART (LW Edition)
 - 1x CAN-2.0B (LW Edition)
 - ARINC-429 (Professional Edition)
- DAL-E
- Custom Solution possible
 - Hardware
 - Interfaces
 - Software

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