



### Key Facts

- High quality IMU
- MEMS based sensors
- Ground and airborne use

The Micro Inertial Measurement Unit (MIMU) provides high quality data of 3 MEMS fully calibrated gyro axes and 3 fully calibrated MEMS accelerometer axes. The MIMU contains an integrated AHRS processor which provides roll, pitch, heading, position and velocity information.

	Angular Rate	Acceleration	Angle
Sensor Range	+/- 600 deg/s	10 g	+/- $\pi/2$ rad
Accuracy	+/- 0.25 %	+/- 0.15 m/s <sup>2</sup>	+/- 2 deg/h
Data Rate	200 Hz	200 Hz	200 Hz
g dependent Drift	< 0.01 °/s/g		



### Interface

- Integrated interface: L1 GPS
- Digital interface: CANaerospace
- Connector: SMA for GPS antenna



### Mechanical Information

- 75 x 25 x 34 mm
- Weight: 200 g



### Electrical Supply

- Supply voltage: 7-34 VDC
- Power consumption < 2W