

ELECTRICAL

Operating Voltage:	12.5 - 37 VDC Input
Max. Operating Current:	900 mA @ 12.5 VDC
Digital Interfaces:	Controller Area Network (CAN2A), 500 kbps RS-232 Serial Ports (default 19.2 kbps)

PHYSICAL


Weights:	
Inertial Measurement Unit (IMU):	0.74 kg (1.63 lbs.)
GPS Module (GPS):	0.80 kg (1.76 lbs.)
Central Processing Module:	0.60 kg (1.32 lbs.)

LOAD AND VIBRATION MONITOR (LVM):

Three-Axis (X,Y,Z) Acceleration:	
Range:	+/- 7 g
Accuracy:	0.005 g
Internal Sampling Rate:	200 Hz
Digital Low Pass Frequency Range:	1 Hz - 40 Hz
Maximum Data Output Rate:	40 Hz

ENVIRONMENTAL

Operating Temperature:	-20 C to 50 C -40 C to 50 C (available under special order)
Storage Temperature:	-40 C to 90 C

 Aventech <i>Research Inc.</i>	Aventech Research Inc. 110 Anne Street South, Unit 23 Barrie, Ontario, Canada L4N 2E3	TITLE Attitude and Heading Reference System Technical Specifications
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