

WIND SPEED ACCURACY

Horizontal North and East Components: 0.50 m/s (1.0 knot) @ 150 knot TAS
Vertical: 0.75 m/s (1.5 knots) @ 150 knot TAS

TEMPERATURE

Accuracy: 0.30 C
Resolution: 0.01 C

RELATIVE HUMIDITY

Accuracy: 2.0%RH
Resolution: 0.1%RH
Broadcast / Log Update Rate: 1 - 10 Hz
Log Capacity: 45000 Records (12.5 hours @ 1 Hz)

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)

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 AIMMS-20 TECHNICAL SPECIFICATIONS
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PHYSICAL

Weights:

Air Data Probe (ADP):	3.36 kg (7.38 lbs.)
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.)

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