

ELECTRICAL

Operating Voltage:	12.0 VDC nominal provided via CAN bus
Max. Operating Current:	300 mA typ. @ 12.0 VDC (OEMV-1 GPS Receiver)
Power:	3.6 W typ.
Digital Interfaces:	Controller Area Network (CAN2A), 500 kbps RS-232 Serial Port (default 19.2 kbps)
RS232 Connector:	Hirose HR30-6R-6P (6 Pin Male) Receptacle


Pin 1	TxD0
Pin 2	RxD0
Pin3	GND
Pin 4	PWR
Pin 5	GND
Pin 6	NC

CAN Connector:	Hirose HR30-6R-6S (6 Pin Female) Receptacle
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Pin 1	SHIELD
Pin 2	PWR
Pin3	GND
Pin 4	CAN_H
Pin 5	CAN_L
Pin 6	NC

GPS Antenna Connectors (Rear):	Tyco Electronics 221500-1 50 Ohm TNC Bulkhead Jack
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LED Indicators:	Power	Green
	Status 1	Bi-Colour Green/Red
	Status 2	Bi-Colour Green/Red

	Aventech Research Inc. 110 Anne Street South, Unit 23 Barrie, Ontario, Canada L4N 2E3	TITLE GPS PHASE MODULE (GPS) TECHNICAL SPECIFICATIONS
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PHYSICAL


Dimensions: 4.76 in. X 4.76 in. X 2.97 in.
(121.0 mm X 121 mm X 75.5 mm)

Weight: 1.58 lbs. (0.72 kg)

ENVIRONMENTAL

Operating Temperature: -40 C to 50 C

Storage Temperature: -40 C to 90 C

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