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
  Pin 3  GND
  Pin 4  PWR
  Pin 5  GND
  Pin 6  NC
CAN Connector: Hirose HR30-6R-6S (6 Pin Female) Receptacle
  Pin 1  SHIELD
  Pin 2  PWR
  Pin 3  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
LED Indicators:
  Power  Green
  Status 1  Bi-Colour Green/Red
  Status 2  Bi-Colour Green/Red
## Physical

<table>
<thead>
<tr>
<th>Description</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dimensions:</td>
<td>4.76 in. X 4.76 in. X 2.97 in. (121.0 mm X 121 mm X 75.5 mm)</td>
</tr>
<tr>
<td>Weight:</td>
<td>1.58 lbs. (0.72 kg)</td>
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</table>

## Environmental

<table>
<thead>
<tr>
<th>Description</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Operating Temperature:</td>
<td>-40 C to 50 C</td>
</tr>
<tr>
<td>Storage Temperature:</td>
<td>-40 C to 90 C</td>
</tr>
</tbody>
</table>