Enterprise M2M terminals

Inmarsat’s machine-to-machine (M2M) services are accessible via small, lightweight, satellite terminals, which are quick to set up, easy to use and integrate seamlessly with bespoke applications. A range of certified terminals are available for mobile and fixed use, providing remote management and performance options to suit different operational needs in the most extreme environmental conditions.

<table>
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<tr>
<th>M2M Terminal</th>
<th>Manufacturer</th>
<th>Dimensions (W x H x D) and weight</th>
<th>Interfaces</th>
<th>Power requirements</th>
<th>Power consumption</th>
<th>Power sources</th>
<th>Operating temperature range</th>
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<tbody>
<tr>
<td>BGAN M2M</td>
<td>Hughes</td>
<td>Terminal 200 x 150 x 45mm, 1.5kg</td>
<td>4 x (PoE) ports, Multi-user Wi-Fi, 2 x Ethernet Ports, 2 x RS485</td>
<td>12 or 24 VDC</td>
<td>Transmit: 20W</td>
<td>Mains (with adapter), color, battery</td>
<td>-40°C to +75°C</td>
</tr>
<tr>
<td>IsatData Pro 782</td>
<td>Hughes</td>
<td>215 x 215 x 46mm, 2.3kg</td>
<td>1 x RS232, 1 x RS485, 4 x digital/analogical inputs, 2 x dedicated outputs (sink-ground)</td>
<td>12 or 24 VDC</td>
<td>Transmit: 20W</td>
<td>Mains (with adapter), color, battery</td>
<td>-40°C to +75°C</td>
</tr>
<tr>
<td>IDP 800 series</td>
<td>Hughes</td>
<td>Antenna 252 x 119 mm, 2.0kg</td>
<td>2 x RS232, 1 x RS485, 4 x digital/analogical inputs, 2 x dedicated outputs</td>
<td>12 or 24 VDC</td>
<td>Transmit: 20W</td>
<td>Mains (with adapter), color, battery</td>
<td>-40°C to +75°C</td>
</tr>
<tr>
<td>OGi ST6100</td>
<td>Hughes</td>
<td>Antenna 241 x 239 x 71mm, 2.5kg</td>
<td>2 x RS232, 1 x RS485, 4 x digital/analogical inputs, 2 x dedicated outputs</td>
<td>12 or 24 VDC</td>
<td>Transmit: 20W</td>
<td>Mains (with adapter), color, battery</td>
<td>-40°C to +75°C</td>
</tr>
</tbody>
</table>

**Technical specifications**

- **Form factor**
  - Separate terminal with external antenna
  - Single terminal with integrated antenna
  - Single terminal with integrated antenna
- **Manufacturer**
  - Hughes
  - Hughes
  - Hughes
  - Skywave
- **Dimensions (W x H x D) and weight**
  - Terminal 200 x 150 x 45mm, 1.5kg
  - Antenna 252 x 119 mm, 2.0kg
- **Interfaces**
  - RJ45, Ethernet, GNSS and USB (for management only)
  - RJ45, Ethernet, GNSS and USB (for management only)
  - 1x RJ45 Ethernet with PoE, 1x PoE for external cellular modem
  - 1x RJ45 Ethernet with PoE, 1x PoE for external cellular modem
- **Power requirements**
  - 12 or 24 VDC
  - 9 – 32 VDC
  - 9 – 32 VDC
- **Power consumption**
  - Transmit: 20W
  - Transmit: 20W
  - Transmit: 20W
- **Power sources**
  - Mains (with adapter), color, battery
  - Mains (with adapter), color, battery
  - Mains (with adapter), color, battery
- **Operating temperature range**
  - -40°C to +75°C
  - -40°C to +75°C
  - -40°C to +75°C

For detailed technical specifications and further information, please refer to the manufacturer’s documentation.
Inmarsat’s BGAN M2M is a subscription-based service with monthly packages starting at 2MB with billing increments of 1KB. For additional flexibility, pooled data plans are also available.

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For more information
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