



## FACT SHEET

# Iridium Edge<sup>®</sup>

Dependable global connectivity for IoT business continuity

Enable your customers to leverage their existing terrestrial-based solutions for fleet management, telematics, safety and other remote monitoring applications through Iridium Edge, a ready-to-go, reliable satellite communications device that expands connectivity beyond cellular limits for 100% global IoT coverage.

Fast time-to-market is a critical component in today's highly competitive communications environment. Iridium Edge is a satellite add-on enabling dual-mode capability and reducing the cost, uncertainties and complications associated with hardware development, manufacture and certification of the satellite-specific terminal.

### Key Features of Iridium Edge:

- ▶ **Hardware-Ready Device** for simple, low risk integration
- ▶ **Low-Cost Device** for affordable customer adoption
- ▶ **Satellite Add-On** for truly global coverage
- ▶ **Ready-To-Install** for quick time-to-market
- ▶ **Robust Power Supply** for industrial installations
- ▶ **Certified** in key geographic markets
- ▶ **180° Line of Sight** for compromised, partially blocked locations
- ▶ **Iridium Short Burst Data<sup>®</sup> (SBD<sup>®</sup>)** modem for Iridium's superior network advantages



## Key Product Specifications:

 <b>NETWORK</b> <ul style="list-style-type: none"><li>▶ Frequency: 1616 – 1626.5 MHz</li><li>▶ Message Size: 270 bytes (Receive), 340 bytes (Transmit)</li><li>▶ SBD Transceiver: Iridium 9602N</li><li>▶ Antenna: Integrated Iridium® certified antenna</li></ul>	 <b>ENVIRONMENTAL</b> <ul style="list-style-type: none"><li>▶ Operating Temperature Range: -40C to 85C</li><li>▶ Storage Temperature Range: -40C to 85C</li><li>▶ Vibration: SAE J1455, Section 4.10</li></ul>
 <b>MECHANICAL</b> <ul style="list-style-type: none"><li>▶ Dimensions: 130 mm (L) x 80 mm (W) x 30 mm (H)</li><li>▶ Ingress Protection: IP 67</li><li>▶ Side and Bottom Cable Exits</li><li>▶ Connector: M12-8 pin male, terminated on 20cm pigtail cable</li><li>▶ Installation Options: Pole, Screw, Tape</li></ul>	 <b>CERTIFICATIONS</b> <ul style="list-style-type: none"><li>▶ Iridium® Satellite Network Certification</li><li>▶ RoHS Compliant</li><li>▶ FCC, IC, CE, Australia, South Africa and Brazil approvals</li></ul>
 <b>POWER</b> <ul style="list-style-type: none"><li>▶ Power Supply: (9-32V), SAE J1455 Load Dump Protected</li><li>▶ Maximum Power: 1.6W ( Peak for Short Transmit Burst)</li><li>▶ Low Power Modes: &lt; 200uA</li><li>▶ Reverse Polarity Protection</li></ul>	 <b>INTERFACES</b> <ul style="list-style-type: none"><li>▶ RS232 AT Command Interface</li><li>▶ On/Off Control Lines</li></ul>

## Key Markets:

- ▶ Fleet Management
- ▶ Remote Monitoring
- ▶ SCADA
- ▶ Asset Tracking
- ▶ Maritime

For more information, email [sales@iridium.com](mailto:sales@iridium.com) or contact an Iridium Service Provider

### Only One Communications Company Connects the Entire Globe

Iridium Edge is fully supported by the Iridium® network, the only truly global communications network.

[www.iridium.com](http://www.iridium.com)



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