



## FACT SHEET

# Iridium Edge®

## *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

- ▶ **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® (SBD®)** Modem for Iridium's Superior Network Advantages



## Applications

Network	Environmental
<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>	<ul style="list-style-type: none"><li>▶ Operating Temperature Range: -40C to 85C Fleet</li><li>▶ Storage Temperature Range: -40C to 85C</li><li>▶ Vibration: SAE J1455, Section 4.10</li></ul>
Mechanical	Certifications
<ul style="list-style-type: none"><li>▶ Dimensions (LxWxH): 130 x 80 x 30mm</li><li>▶ Ingress Protection: IP 67</li><li>▶ Side &amp; Bottom Cable Exits</li><li>▶ Connector: M12-8 pin male, terminated on 20cm Pigtail Cable</li><li>▶ Installation Options: Pole, Screw, Tape</li></ul>	<ul style="list-style-type: none"><li>▶ Iridium® Satellite Network Certification</li><li>▶ RoHS Compliant</li><li>▶ FCC, IC, CE, Australia Approvals</li></ul>
Power	Interfaces
<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>	<ul style="list-style-type: none"><li>▶ RS232 AT Command Interface</li><li>▶ On / Off Control Lines</li></ul>

## Alpha Key Markets

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

## Contact Information

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 commands the world's furthest reaching network, making it the only truly global communications company with solutions that span from pole-to-pole. Iridium voice and data products provide superior communications solutions that allow global companies, government agencies and individuals to stay connected everywhere. With a unique, global ecosystem of partners, Iridium continues to create new, high-value capabilities that are leading the world into a new era of communication.

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