



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 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[®] (SBD[®])** modem for Iridium's superior network advantages



Key Product Specifications:

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

Key Markets:

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

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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



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