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

▶ Frequency: 1616 – 1626.5 MHz

▶ Message Size: 270 Bytes (Receive),
340 Bytes (Transmit)

▶ SBD Transceiver: Iridium 9602N

▶ Antenna: Integrated Iridium® Certified Antenna

Enviornmental

▶ Operating Temperature Range: -40˚C to 85˚C Fleet

▶ Storage Temperature Range: -40˚C to 85˚C

▶ Vibration: SAE J1455, Section 4.10

Mechanical

▶ Dimensions (LxWxH): 130 x 80 x 30mm

▶ Ingress Protection: IP 67

▶ Side & Bottom Cable Exits

▶ Connector: M12-8 pin male, terminated
on 20cm Pigtail Cable

Certifications

▶ Iridium® Satellite Network Certification

▶ RoHS Compliant

▶ FCC, IC, CE, Australia Approvals

Power

▶ 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

▶ RS232 AT Command Interface

▶ On / Off Control Lines

Key Markets

▶ Asset Tracking

▶ Remote Monitoring

▶ Fleet Management

▶ SCADA

▶ Maritime

Contact Information

For more information, email **sales@iridium.com** or contact an Iridium Service Provider.

Only One Communications Company Connects the Entire Globe

Iridium is a satellite communications company that offers voice and data connectivity anywhere in the world. Powered by a unique constellation of 66 cross-linked Low-Earth Orbit (LEO) satellites, the Iridium® network enables global connections between people, organizations, and assets, in real time. Through an expansive partner network of over 500 international technology companies, Iridium is advancing the way enterprises, governments, and individuals communicate every day.

www.iridium.com