



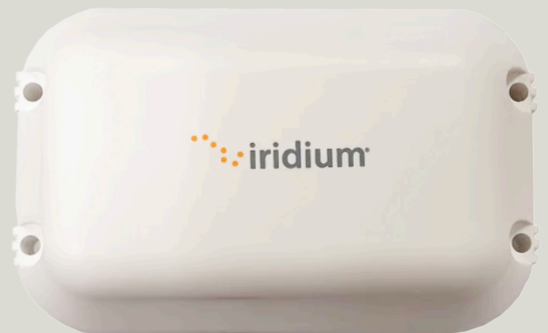
# Fact Sheet

## 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<sup>SM</sup> (SBD<sup>SM</sup>)** modem for Iridium's superior network advantages

## Key Product Specifications:

### NETWORK

- Frequency: 1616 – 1626.5 MHz
- Message Size: 270 bytes (Receive), 340 bytes (Transmit)
- SBD Transceiver: Iridium 9602N
- Antenna: Integrated Iridium® certified antenna

### MECHANICAL

- 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

### 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

### ENVIRONMENTAL

- Operating Temperature Range: -40C to 85C
- Storage Temperature Range: -40C to 85C
- Vibration: SAE J1455, Section 4.10

### CERTIFICATIONS

- Iridium® Satellite Network Certification
- RoHS Compliant
- FCC, IC, CE, Australia Approvals

### INTERFACES

- RS232 AT Command Interface
- On/Off Control Lines

## Key Markets:

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