

Iridium Edge

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



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.



Iridium Edge



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

Certifications

- Iridium® Satellite Network Certification
- RoHS Compliant
- FCC, IC, CE, Australia, South Africa and Brazil approvals

Interface

- RS232 AT Command Interface
- On/Off Control Lines

Key Markets

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



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