

# EDGE™



TRACKING & MONITORING

## Iridium Edge™

Dependable global connectivity

Iridium Edge™, a ready-to-go, reliable and cost effective satellite communications device that expands connectivity beyond cellular limits. Deliver more value to customers by leveraging your existing M2M solutions for telematics, safety and other remote monitoring applications.

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 Markets:

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

**metOcean™**  
telematics

21 Thornhill Drive, Dartmouth, Nova Scotia B3B 1R9 CANADA  
Tel: +1 902 468-2505 | Email: sales@metocean.com

[metocean.com](http://metocean.com)



# EDGE™

## 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

## TECHNICAL 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

### INTERFACES

- RS232 AT Command Interface
- On/Off Control Lines

### 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