

**Dependable Global connectivity
for M2M business continuity**

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
- Off-the-Shelf Availability for quick time-to-market
- Robust Power Supply for industrial installations Environmentally Sealed for harsh conditions
- 180° Line of Sight for compromised, partially blocked locations
- Iridium Short Burst DataSM (SBD) modem for Iridium's superior network advantages



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™, an off-the-shelf, reliable satellite communications device that complements existing cellular solutions to create dual-mode connectivity for the most remote and inaccessible areas of the world.

Fast time-to-market is a critical component in today's highly competitive communications environment. Iridium Edge™ is a turnkey, environmentally sealed, rugged hardware device that reduces the cost, uncertainties and complications associated with hardware development, manufacture and certification of a satellite-specific terminal.



Iridium Edge

Short Burst Data (SBD)



Key Product Specifications:

NETWORK

- ▶ Message Size : 240 bytes (Receive), 370 bytes (Transmit)
- ▶ Frequency : 1616 – 1626.5 MHz

MECHANICAL

- ▶ Dimensions: 130 mm (L) x 80 mm (W) x 30 mm (H)
- ▶ Ingress Protection: IP 67
- ▶ Side and Bottom Cable Exits

POWER

- ▶ Power Supply: (9-32V), SAE J1455 Load Dump Protected
- ▶ Maximum Power : 1.6W (Peak for Short Transmit Burst)
- ▶ Low Power Modes : < 100uA
- ▶ Reverse Polarity Protection

ENVIRONMENTAL

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

CERTIFICATIONS (Pending)

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

INTERFACES

- ▶ RS232 AT Command Interface
- ▶ On/Off Control Lines

Key Markets:

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



sales@networkinv.com

US: +1.954.973.3100
CA: +1.403.287.5000
EU: +31.40.295.3001
UK: +44.20.8286.6768
SG: +65.6274.0811
AU: +61.1300.140.150
SE: +46.8.7652670

www.networkinv.com

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