

IRIDIUM EDGE®



GLOBAL IOT
SOLUTION FOR
REMOTE MONITORING
APPLICATIONS AND
BUSINESS CONTINUITY

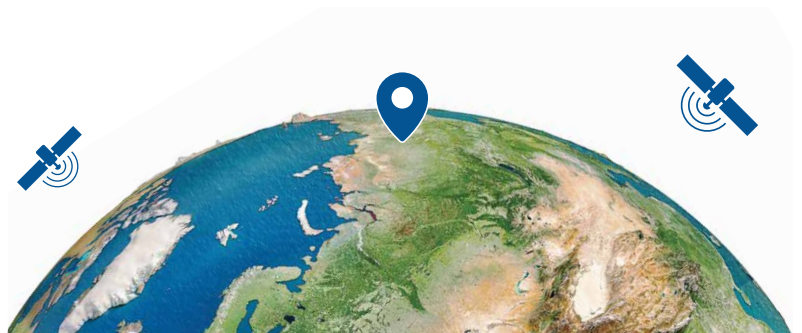
KEY FEATURES

- › 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

GLOBAL IOT CONNECTIVITY

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.



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: 5.12 in (L) x 3.15 in (W) x 1.18 in (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: -40°F to 185°F
- › Storage Temperature Range: -40°F to 185°F
- › Vibration: SAE J1455, Section 4.10



CERTIFICATIONS

- › Iridium® Satellite Network certification
- › RoHS compliant
- › FCC, IC, CE, Australia, South Africa and Brazil approvals

KEY MARKETS:

Fleet Management, Remote Monitoring, SCADA, Asset Tracking, Maritime, and more.



**ANY OPERATION
ANY ASSET
ANYWHERE**

CERTIFIED QUALITY
ISO
9001:2015
MANAGEMENT SYSTEM

Blue Sky Network

