IRIDIUM EDGE®

Remote Monitoring

Location

Data Dissemination

DRILL DEPTH

GLOBAL IOT

SOLUTION FOR
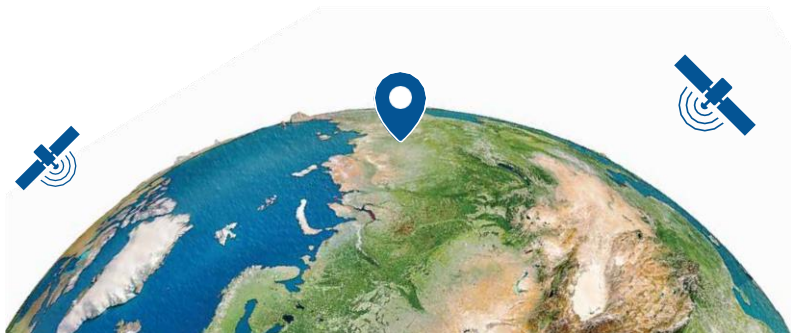
REMOTE MONITORING

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

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