

Iridium Tracker Beacon

P/N 510-1 Series

The 510-1 Tracker Beacon is a compact and lightweight device that uses the Iridium satellite network for tactical location and hazard tracking globally. It provides real-time GPS tracking information via the Iridium SBD service, with AES 256 encryption for secure communications. Configurable via an app, USB, or over-the-air, it has a rechargeable battery that supports up to 1800 messages. It's designed for harsh environments, with LED indicators and a "Dark Mode" for discreet operations.

Technical Specification

Key Features

- Robust, compact and light-weight Iridium beacon
- Rugged and reliable, designed for military users
- GPS enabled tracking
- Secure data transmission with AES 256 encryption
- SOS feature
- Global operation with Iridium Satellite Network
- Real-time tracking via Iridium SBD
- User-friendly design with LED indicators and haptic feedback
- Covert 'Dark Mode' for discreet operation
- Long life rechargeable battery with USB-C charging



- Weight: 275g
- Dimensions: 120 x 60 x 31 mm
- Colour: Black
- Connectors: 1x SMA for additional antennas; 1x USB-C
- Programming: User programmable functions
- Operation: -20 to +60°C
- Encryption: 256-bit AES Encryption
- Battery: Rechargeable Li-Ion; Capacity 3.35 Ah @ 3.6V (12Wh)

Qualification

MIL-STD-810, Vibration, Waterproofness (Rainfall rate: 4 in/hr), Immersion (Shallow, 1m for 2 hours), Immersion (Deep, 7.6m for 5 mins), Humidity, Salt Fog, Shock, Fungus, Sand, Dust EMC

Certification

CA/CE Marking is in accordance with Iridium 9603 Modem

