

BLUE SKY NETWORK D410A

COMPACT, PORTABLE, AND COMPLETELY GLOBAL



Front View

Rear View



Side View

The pocket-sized D410A is a convenient, flexible and low-cost flight tracking device designed for rapid deployment on both fixed-wing and rotor-wing aircraft. At less than 1 pound, the all-in-one unit can be placed near the glare shield to deliver reliable GPS and event data worldwide via the Iridium global satellite network. With key features like an integrated antenna, optional Blue Sky Messenger software for Windows Mobile PDAs, and 2-yr Li battery, the D410A is ideal for low maintenance installations where two-way communication and location reporting are a requirement.

KEY APPLICATIONS

- Contract Helicopter Transport
- International Business Charter
- Aerial Fire Fighting
- Medevac and Public Safety

D410A FEATURES

- Lightweight, All-In-One Design
- Fast 16-channel GPS
- Remote configuration over the network
- Pole-to-pole satellite network coverage
- MIL-STD-810F environmental certification
- Rechargeable Li-Ion battery
- Integrated LED status display
- 3-axis motion sensor
- Windows Mobile Messaging Software
- Integrated QPOS (mayday) button

D410A BENEFITS

- No installation
- Transmit sensitive data securely
- Change device settings from any PC connected to the internet
- Designed for use in extreme environments
- Up to 2 years of battery life on a single charge
- Sense and report movement of assets automatically
- Two-way text messaging and event notification
- Immediate distress notification via SkyRouter and e-mail

The Sky is No Longer The Limit



D410A SPECIFICATIONS

MECHANICAL

- Dimensions: 4.86" x 2.94" x 1.47"
- Weight: < 1 pound
- I/O Interface: Circular 12-pin Connector
- Antennas Interface: Internal
- Cooling: Convection
- Enclosure: Aluminum

ELECTRICAL

- Input Voltage Range: 2.7VDC to 5.5VDC
- Input Nominal Voltage: 4.0VDC
- Power Consumption During Standby: Less than 20µA @ 5.0VDC
- Power Input Type: External DC power or internal battery

IRIDIUM TRANSCEIVER

- Operating Frequency: 1616 to 1626.5 MHz
- Link Margin Downlink: 13 dB average
- Link Margin Uplink: 7dB average
- Average Power Transmission: 1.6 W

GPS RECEIVER

- Receiver Type: ANTARIS 4, 1575.42 MHz (L1), 16-channel, C/A code
- Accuracy: 2.5 m CEP
- Update Rate: 4 Hz
- Start-up Times: <3.5 sec hot start, 33 sec warm start and 34 sec cold start
- Sensitivity: -158 dBm

ENVIRONMENTAL

- Operating Temperature: -22°F to + 140°F (-30°C to +60°C)
- Operating Humidity: < 75% RH
- Certifications: MIL-STD-801F, IP-66, NEMA 4X for temperature, humidity, altitude, rain, shock, sand, dust, salt and fog

IRIDIUM SATELLITE

The only true global satellite communications service in the world, Iridium delivers essential communication services to and from remote areas where no other form of communication is available. Its constellation consists of 66 low-earth-orbiting (LEO) satellites that provide complete coverage of the earth-including oceans, airways, and Polar Regions.

The D410A utilizes Iridium technology for highly reliable network performance. Coverage is always available and messages are delivered in near real-time. For continuous satellite communication anywhere in the world, Iridium is the only choice.



IRIDIUM

BLUE SKY NETWORK

Founded in 2001, Blue Sky Network is a leading global provider of voice and data services via the Iridium satellite network. Our aviation, marine and vehicle products for GPS tracking, real-time flight tracking and fleet management provide reliable fleet tracking and communication services. Blue Sky Network's solutions serve the Aviation, Oil and Gas, Government, Forestry, Mining, Supply Chain Management and Intermodal Transportation markets. For more information about our company and solutions, please visit: www.blueskynetwork.com.



1298 PROSPECT STREET, SUITE 1D
LA JOLLA, CA 92037
USA
P: + 1 858 551 3894
F: + 1 858 551 3891
W: www.blueskynetwork.com