SkyNode® S100

Flight Tracking and Flight Data Messenger

The industry's smallest, lightest, and toughest aeronautical transceiver.

- Multi-purpose connectivity for aircraft tracking, messaging, and FDM real-time exceedance notification (with IONode FDM device)

- Worldwide connectivity

- Small and lightweight for many aircraft mounting locations possibilities

- Remotely configurable with customer-selected reporting options (via WebSentinel)

- Very high MTBF for years of trouble-free performance

- Easily connects to most communications devices, tablets, and other peripherals for direct data transfer

The SkyNode S100 is supported by WebSentinel, Latitude's web-based data management services, and our server-side flight data management utilities.

The SkyNode S100 is the preferred real-time data communications module for Latitude's IONode FDM system.

Call today and speak with a DAC representative about the DL150 SDU and our other reliable satcom voice and flight data management solutions.

DACInternational

800.527.2531   P: 512.331.5323   F: 512.331.4516
www.dacint.com   sales@dacint.com

LATITUDE
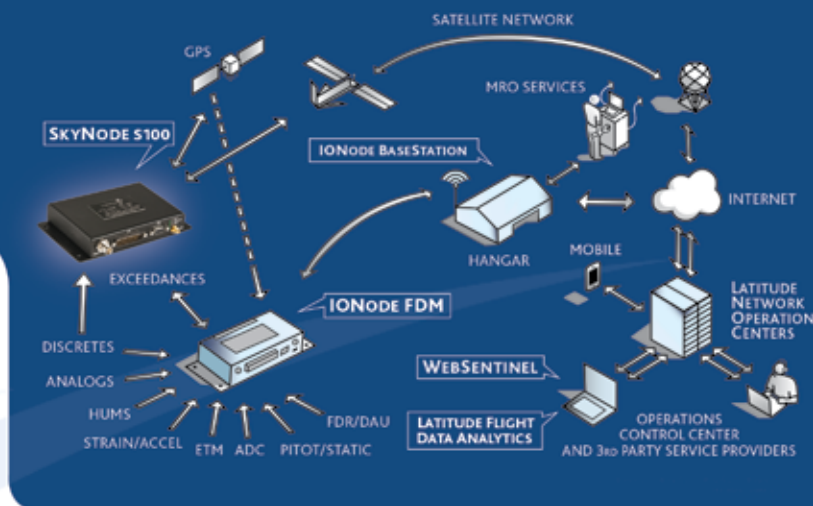*Optimize every flight.*

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SYSTEM FEATURES

- Reliable 2-way data networking/messaging
- Remotely configurable
- Data logging and event triggers from external switches/buttons
- Internal fast-fix 20 channel WAAS GPS receiver
- Auxiliary GPS serial data output for moving map, electronic flight bag and 406 ELTs
- OOOI flight schedule reporting
- Internal G-switch for automatic anomaly reporting
- Background data logging
- Meets forestry AFF live tracking requirements
- Auxiliary backup battery option
- Latitude IONode FDM compatible

ELECTRICAL, DATA, AND RF INTERFACES

- Power input voltage: 9-36 VDC (with reverse and over voltage and over current protection)
- Current: 0.16 A nominal, @ 28 vdc, 0.50 A max during transmit
- Serial data ports for laptop/messaging terminal
- Bluetooth/WiFi capable for messaging with Blackberry, Android, iPad and other PDAs
- 2 serial data ports, 7 discrete inputs, 3 analog inputs, 1 discrete output
- Antenna options: Individual GPS and Iridium antennae, or dual element GPS/Iridium antenna

PHYSICAL SPECIFICATIONS

- Size: 6.80" x 4.00" x 1.10" (17.3 x 10.2 x 2.8 cm)
- Weight: 0.94 lbs (426 g)

ENVIRONMENTAL QUALIFICATIONS

- Operating temperature range: -40 to +60 C
- Altitude: 50,000 ft
- DO-160E Env. Cat.A4-BAB[(SM)(U2F)]XXXXXXZBBXXXBXXXXX

APPROVALS

FAA, TCCA and EASA STCs are available for over 900 different helicopters and fixed-wing aircraft

SAFR™ is Latitude's combination of equipment and services to provide a safer, more cost effective flight operations and maintenance environment– no matter what aerospace sector, aircraft or mission type.

Allow us to show you how the SkyNode S100 can improve _your_ fleet operations

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