

SkyNode® S200

Flight Tracking, Voice, and Flight Data Messenger

PTA12-100
Airborne Telephone Dialer/Adapter



RC6000/A
Control and Display Panel



Deklin DT-100
Handset



Iridium DPL
Handset



SkyNode S200

Optional Dialers compatible with the SkyNode S200

2-way reliable voice, data networking, and messaging from anywhere.

SkyNode® S200 is the world's lightest and most versatile integrated aeronautical satcom device. The S200 interfaces to multiple mapping and data management systems and is remotely configurable.

Our installation-ready kits include:

- S200-011 Voice, Tracking, Messaging Transceiver install Kit: One voice/data channel for cockpit and attendant communications, flight tracking, and messaging. Interfaces to a standard aviation audio panel. Phone dialing is via DPL handset, RC6000/A, iPhone, or iPad. Complete with antenna and connectors.
- S200-021 POTS Voice and Data Transceiver Kit: One voice/data channel. Interfaces to PTA12, DT-100, and other POTS compatible handsets. Multiple handsets can be installed. Complete with antenna and connectors.



The SkyNode S200 is supported by WebSentinel, Latitude's web-based data management services, and our server-side flight data management utilities.

Call today and speak with a Latitude representative about the SkyNode S200 and our other reliable satcom voice and flight data management solutions.

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SkyNode® S200

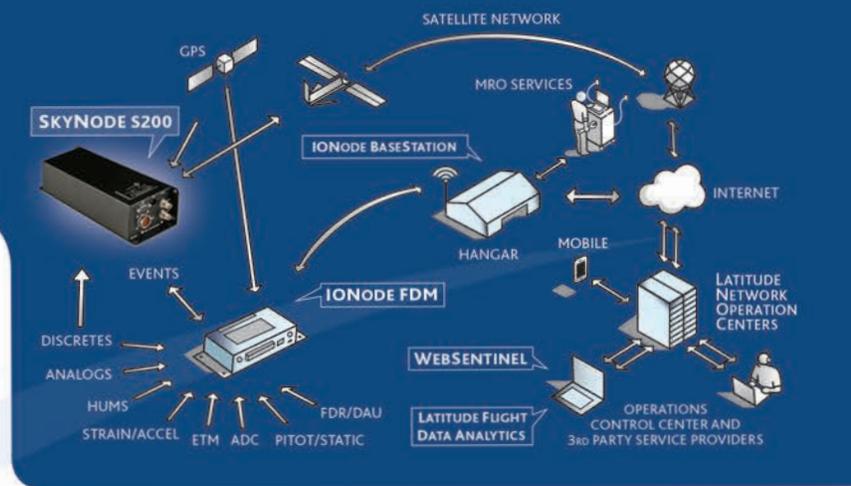
Flight Tracking, Voice, and Flight Data Messenger

SYSTEM FEATURES

- Auxiliary GPS serial data output for moving map, electronic flight bag and 406 ELTs
- Automated event-based reporting including Weight on Wheels/Skids and Out/Off/On/In messages
- Complete voice satellite communications in a single enclosure
- Meets forestry AFF live tracking requirements
- Reliable 2-way data networking/messaging
- Remote polling and configuration
- Data logging and event triggers from external switches/buttons and system bus sources
- Internal fast-fix 20 channel WAAS GPS receiver
- Multiple voice communication interface options
- Versatile mounting configurations
- Background data logging

ELECTRICAL, DATA, AND RF INTERFACES

- Power input voltage: 12-34 VDC
- Current: 0.5 A nominal, @ 28 VDC 0.8 max A during transmit
- Serial data ports for Laptop/messaging terminal
- Bluetooth/WiFi capable for messaging with Blackberry, Android and other PDAs
- I/O support for remote switches and indicators
- ARINC-429 receive bus interface (xx2 models)
- RS-485 serial data bus interface (xx2 models)
- 2-wire POTS phone interface (x2x models)
- RS-485 serial data bus interface (xx2 models)
- R6000/A interface for panel mounted messaging satcom dialing applications (X1X models)
- Antenna options: Individual GPS and Iridium antenna or dual element GPS/Iridium antenna



PHYSICAL SPECIFICATIONS

- Size: 11.50" x 3.81" x 2.75" (29.2 x 9.7 x 7.2 cm)
- Weight: 3.08 lbs (1400 g)

ENVIRONMENTAL QUALIFICATIONS

- Operating Temperature range: -45° to +70° C
- Humidity: >95%
- Altitude: 50,000 ft
- DO-160E Env. Cat. B2-BAB[(SM)(U2F)]XXXXXXXXZBBXXBXXXXX

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 S200 can improve your fleet operations.

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