

SkyNode® S100



LATITUDE
Optimize every flight.



SkyNode® S100

Flight Tracking and Data Messenger

S100

Stay in contact with 2-way reliable information

*Complete tracking and data
telemetry in the industry's smallest
and lightest package.*

*Provides security and crew
safety for air/ground logistics
applications. 2-way data access is available
everywhere you operate.*

*Interfaces to multiple mapping and
information management systems.*



Optional RC6000/A
messaging display unit



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.

www.latitudetech.com

SkyNode® S100

Flight Tracking and Data Messenger



Features

- » Meets forestry AFF live tracking requirements
- » 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 ELT's
- » OOOI flight schedule reporting
- » Internal G-Switch for automatic anomaly reporting
- » Flight data-logging
- » Auxiliary Backup battery option
- » Latitude IoNode 100 (ATIS) compatible

Electrical, RF and Data 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 and other PDA's

- » RC 6000/A interface for messaging applications
- » 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)]XXXXXXXXZBBXXXBXXXX

Approvals

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



The S100 is supported by the Sentinel SMART AFF™ suite of web-based services and server-side data management utilities.



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