



## SkyNode ® S200

**Reliable Voice & Data - The SkyNode ® S200 is the world's lightest and most versatile integrated aeronautical communications device.**



**S200-021**  
2-wire POTS telephony  
and PBX interfaces

**Distributor in Ukraine:**

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The SkyNode S200 provides security and crew safety for air/ground logistics applications. Phone and data access is available everywhere you operate.

The SkyNode S200 exceeds automated flight following (AFF) requirements mandated by US and Canadian Forestry Agencies and interfaces to multiple mapping and data management systems.

### **Network from Anywhere™**

The SkyNode S200 supports narrow band networking for aircraft requiring text messaging, email, FTP, and Internet access. Evolve to your requirements.

The SkyNode S200 was designed with application versatility in mind. Order the features you require and add more in the future should the need arise. Change doesn't have to be expensive.



**S200-011**  
Economical dialer  
integrates to audio panel

## SkyNode S200-021

- 2-wire POTS telephony
- PBX interfaces
- Available with 2-way Text Messaging using NAT's PTA12-100 POTS Dialer

## SkyNode S200-011

- Economical dialer
- Integrates to audio panel
- Reliable Voice & Data

## Features

- Complete tracking and voice satellite communications in a single enclosure
- Autonomous flight following operations
- Reliable 2-way data networking/messaging
- Remotely configurable
- Data logging and event triggers from external switches/buttons and system bus source
- Internal GPS receiver module
- Multiple voice communication options
- Versatile mounting configurations

## Electrical and Data Interfaces

- Power input voltage: 12-34 VDC (with reverse, over voltage and over current protection)
- Current: 0.5 A nominal, 0.8 A during transmi
- Mic input (-01x models): 150 Ohm
- Audio: 100mW into 8 or 600 Ohm nominal
- Freq. resp: <3dB from 350 Hz to 3 kHz
- Serial data ports for Laptop/messaging terminal
- Auxiliary GPS data output
- 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)

## RF Interfaces

- Antenna options: Individual GPS and Iridium antennae, or dual element GPS/Iridium antenna

## Programming and Network

- Iridium Direct Internet 2.x, Dial-up, FTP, UDP and TCP/IP socket session support
- Iridium SBD, SMS messaging and FAX
- Remote polling and configuration
- Custom event-based actions

## 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: -30 to +60 C
- Humidity: >95%
- Altitude: 50,000 ftDO-160E Env. Cat. A4-BAB[(SM)(U2F)]XXXXXXZBBXXBXXXXX

## Approvals

- STC SH06-4 (part 29 rotor)
- STC SH07-4 (part 27 rotor)
- P-LSA06-103/D (part 23 fixed-wing)
- FAA Transport Category (Part 25) fixed-wing